

КОНСПЕКТ

НА ВИСШАТА ФЛОРА
НА БЪЛГАРИЯ

Хорология и
флорни елементи

ЧЕТВЪРТО ПРЕРАБОТЕНО
И ДОПЪЛНЕНО ИЗДАНИЕ

CONSPECTUS

OF THE BULGARIAN
VASCULAR FLORA

Distribution maps
and floristic elements

FOURTH REVISED
AND UPDATED EDITION

БЪЛГАРСКА ФОНДАЦИЯ БИОРАЗНООБРАЗИЕ

BULGARIAN BIODIVERSITY FOUNDATION





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БИОРАЗНООБРАЗИЕ

СОФИЯ * SOFIA
2012

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Fourth revised and enlarged edition

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Хорология и флорни елементи

Четвърто допълнено и преработено издание

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Под редакцията на:

Б. Асьов & А. Петрова

СОФИЯ
2012

Настоящото произведение е издадено с финансовата подкрепа на Фонд „Научни изследвания“ при Министерството на образованието, младежта и науката.

This book was published with the financial support of the Bulgarian Science Fund of the Ministry of Education, Youth and Science.

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ISBN 978-954-9959-58-1

ПРЕДГОВОР КЪМ ЧЕТВЪРТТО ИЗДАНИЕ

Десет години изминаха от първото издание на Конспекта и повече от пет години от последното му, трето по ред, издание. За този сравнително къс период беше натрупан голям обем данни за българската флора. Имайки предвид, че тиражът на третото издание беше изчерпан, още през 2011 година стана необходима подготовката на ново издание на книгата.

Редица проекти, свързани с инвентаризация на флората, бяха осъществени от бившия Институт по ботаника (сега Институт по биоразнообразие и екосистемни изследвания) към Българска академия на науките. Сред тях поне няколко трябва да бъдат споменати: „Червена книга на България, т. 1. Растения и гъби”, „Важни места за растенията в България”, „Биология, екология и контрол на инвазивни чужди видове в българската флора”, „Опазване на биоразнообразието в горещи точки на глациални реликтни растения в България”, „Пилотна мрежа от малки защитени територии за опазване на растения в България чрез използване на модела на растителните микрорезервати”. Заедно с „Флора на Република България” тези проекти включваха интензивна теренна работа и доведоха до голям брой интересни открития и нова информация. През 2011–2012 година българската ботаническа общност даде значителен принос към проекта за картиране на видове и местообитания в мрежата „Натура 2000” в страната. Може да се очаква, че теренната работа по този проект също дава нови флористични данни, които може да се очаква да бъдат публикувани в следващите години. Проучвания, финансирани или организирани от дирекциите на националните и природните паркове също допринасят за по-доброто познаване на флората на различни части от страната.

Без съмнение, важна роля в нарастващия брой публикации с нови данни играе международното списание *Phytologia Balcanica*, издавано от Института по биоразнообразие и екосистемни изследвания. От 2006 година то предоставя добра възможност за бързо съобщаване под формата на кратки бележки на нови и интересни национални и регионални находки за Балканите. След създаването на раздела „New Floristic Records in the Balkans” броят на публикуваните нови данни от България нарасна значително. Всички приноси, намерили място в списанието, са достъпни онлайн на адрес <http://www.bio.bas.bg/~phytolbalcan/>.

Общо 10 вида и хибридни комбинации бяха описани като нови за науката от България, а именно *Aethionema rhodopaeum*, *Vupleurum uechtritzianum*, *Centaurea diospolitana*, *Centaurea wagenitziana* (*C. amplifolia* auct. bulg.), *Hieracium wernerii*, *Onosma pavlovii* (първоначално невалидно публикуван като *O. bulgarica*), *Onosma malkarmayorum*, *Salix × ardana*, *Salix × velcevii* и *Sesleria rhodopaea* (BANCHEVA & STOYANOV, 2009; BORŠIĆ & AL., 2011; KAILIS & ELEFThERiADOU, 2011; PAVLOVA, 2007, 2009; STOYANOV, S., 2010A; SZELAG, 2006; TAN & AL., 2009; TAN & PETROVA, 2009; TASHEV & DIMITROV, 2012; TEPNER, 2008; VLADIMIROV & SZELAG, 2006; ZIELIŃSKI & AL., 2006). В допълнение, сега се включват някои видове, описани преди 2006 година поне частично на основата на български материали и пропуснати в предишното издание –

Juniperus deltoides (*J. oxycedrus* auct. plur.; ADAMS, 2004; ADAMS & AL., 2005), *Onosma stojanoffii* (ТЕРПNER, 1996а, 2008; TURRILL, 1925). Биосистематични проучвания потвърдиха видовия статус на *Centaurea davidovii* (BANCHEVA & GORGOROV, 2010) и сега този вид е добавен в книгата. На основата на наши наблюдения, хербарни данни и някои публикации (BÁLINT & АВАДЖIEV, 2006; FĂGĂRAȘ & AL., 2010; GREUTER, 1997), видът *Silene exaltata*, описан от България, но посочен с въпросителен знак в предишното издание, сега се счита с потвърдено разпространение в страната.

Впечатляващ брой нови естествено разпространени видове от българската флора бяха добавени в Конспекта – общо 42. Това са *Achillea ochroleuca*, *Allium phthioticum*, *Anchusa spruneri*, *Bromus parvispiculatus*, *Vupleurum euboicum*, *Carex appropinquata*, *Celtis tournefortii*, *Centaurea jankae*, *Centaurea trinervia*, *Chenopodium striatiforme*, *Chenopodium strictum*, *Cirsium rivulare*, *Colchicum haynaldii*, *Colchicum triphyllum*, *Convolvulus pilosellifolius*, *Crepis rubra*, *Dactylorhiza maculata* ssp. *transsilvanica*, *Dryopteris* × *ambroseae*, *Gagea fragifera*, *Galium asparagifolium*, *Galium* × *pomeranicum*, *Galium rigidifolium*, *Juncus hybridus*, *Linum spathulatum*, *Minuartia bilykiana*, *Onosma lypskyi*, *Onosma rigida*, *Orobanche laserpitii-sileris*, *Plantago maritima*, *Plantago maxima*, *Plantago sempervirens*, *Potamogeton obtusifolius*, *Potamogeton berchtoldii*, *Ranunculus polyanthemoides*, *Sedum subulatum*, *Sesleria tenuilolia*, *Sorbus borbasii*, *Sorbus mougeotii*, *Stachys baldaccii*, *Stachys beckeana*, *Stipa ucrainica* и *Taraxacum thracicum* (AMMANS & AL., 1992; ANCHEV, 1999; ANČEV & KRENDL, 2011; APOSTOLOVA & AL., 2008; ASENOV, 2010; BALTISBERGER, 2006; CHESHMEDZHIEV & MARINOV, 2009; DIMITROV, 2009, 2010а; DIMITROV & TRIFONOV, 2006; FĂGĂRAȘ & AL., 2010; GRAMATIKOV, 1983; GROZEVA, in press; HÁJEK & AL., 2006а; IVANOVA, 2006а; KIRYAKOV & ČEŠMEDŽIEV, 2007; KOLARČIK & AL., 2010; MITOVA & AL., 2002; NEDELICHEVA & TSONEV, 2006; PEEV & AL., 2009; PERSSON, 1999, 2009; PERUZZI & AL., 2011; PETROVA, A.S., 2007; PETROVA, A.S. & VENKOVA, 2008; PETROVA, A.S. & AL., 2009а; SCHOLTZ, 2010; SNOGERUP & SNOGERUP, 2001; STOYANOV, K., 2009а; STOYANOV, S. & GORANOVA, 2009; STOYANOV, S. & VASSILEV, 2011; ТЕРПNER, 1996b, 2008; TSONEV & KARAKIEV, 2007; ZARREI & AL., 2009; ZIELIŃSKI & AL., 2012). Трябва да се отбележи, че тези нови национални находки идват от различни райони на страната, включително такива, които обикновено се считат за добре проучени. В допълнение към новоустановените видове, разпространението на *Dianthus leptopetalus* в страната, доскоро под въпрос, сега е потвърдено (FĂGĂRAȘ & AL., 2010; NEGREAN & DENCHEV, 2000), както и това на *Salix viminalis* (ZIELIŃSKI & AL., 2012). Освен това, два таксона, известни за България, сега се третират на видово ниво – *Vupleurum aequiradiatum* (преди *V. commutatum* var. *aequiradiatum*) и *Vupleurum pachnospermum* (= *V. commutatum* ssp. *glaucocarpum*), по SNOGERUP & SNOGERUP (2001) и STOYANOV, S. & GORANOVA (2009). *Asperula suberosa* и *Delphinium albiflorum* са включен в Конспекта като самостоятелни видове, следвайки съответно GORANOVA & ANCHEV (2012) и BANCHEVA (2012). *Dianthus noeanus*, преди считан за вътревидов таксон на *D. petraeus*, е отделен с видов ранг, според таксономичното решение на няколко авторитетни източника (виж напр. JALAS & SUOMINEN, 1986; STRID, 1997). *Lychnis subintegra* сега е приет като отделен вид в съответствие с GREUTER

(1997). Молекулярни и морфологични проучвания потвърждават, че *Stachys thracica* е отделен вид (AKÇIŞEK & AL., 2012; DÜNDAR & AL., in press) и поради това е възстановен в българската флора. Голям брой нови видове от родовете *Hieracium* и *Taraxacum* са възприети като добри видове в българската флора (PETROVA, A. & VLADIMIROV, 2010). Това са *Hieracium divaricatum*, *H. heuffelii*, *H. klisurae*, *H. neodivergens*, *H. schultzeanum*, *H. velenovskyi*, *Taraxacum bulgaricum* и *T. dorchocarpum*. Няма съмнение, че броят видове от тези два рода в България в бъдеще ще продължи да нараства.

Чуждоземните видове станаха важна тема и интересът към тях нарасна след последното издание на Конспекта. Подробен преглед на проучванията върху разпространението на неместните растения в България през последните две десетилетия бе публикуван от PETROVA, A. & AL. (2012). Следните 33 нови вида са намерени в страната и са включени в настоящото издание: *Avena byzantina*, *Bidens bipinnatus*, *Bidens vulgatus*, *Catalpa speciosa*, *Cenchrus incertus*, *Chenopodium missouriense*, *Chenopodium pratericola*, *Chenopodium probstii*, *Chenopodium pumilio*, *Conyza sumatrensis*, *Datura innoxia*, *Digitaria ciliaris*, *Eclipta prostrata*, *Elodea nuttallii*, *Euphorbia davidii*, *Fallopia aubertii*, *Heteranthera rotundifolia*, *Impatiens balfourii*, *Koeleria paniculata*, *Lupinus polyphyllus*, *Modiola caroliniana*, *Panicum dichotomiflorum*, *Parthenocissus inserta*, *Pennisetum setaceum*, *Phytolacca esculenta*, *Prunus serotina*, *Senecio cineraria*, *Senecio inaequidens*, *Silphium perfoliatum*, *Solanum cornutum*, *Solanum heterodoxum*, *Vincetoxicum nigrum*, *Ziziphus jujuba* (ČEŠMEDŽIEV & SOKOLOV, 2007; ČEŠMEDŽIEV & STOICHEV, 2005; DELIPAVLOV & ČEŠMEDŽIEV, 2003; DIMITROV, 2005; GEORGIEV & AL., 2011; GEORGIEVA & IVANOV, 2007; GREUTER & AL., 1984; GROZEVA, 2007, 2010a, 2012; JEHLÍK & SCHOLZ, 2009; NEDELICHEVA, 2011; NEGREAN & DENCHEV, 2000; PETROVA, A. & AL., 2012; PETROVA, A.S., 2010a, 2011a, 2012; PETROVA, A.S. & VLADIMIROV, 2009, 2012; TASHEV, 2007; TSONEV, 2007; VASSILEV & PEDASHENKO, 2009; VELCHEV & PETROVA, A., 2010; VLADIMIROV, 2009a,c; VLADIMIROV & PETROVA, A., 2009; VLADIMIROV & PETROVA, A.S., 2009; ZIELIŃSKI & AL., 2012). Не са посочени находища на *Elodea canadensis* и *Impatiens balfourii* и тяхното разпространение предстои да бъде изяснено; картите към тези видове имат въпросителен знак върху цялата територия на страната. Наред с това, се съобщава нова хорологична информация за различни неместни видове, вече известни за България (виж литературни препратки по-долу). Отделни видове от горните (*Avena byzantina*, *Silphium perfoliatum*), към момента са посочени само като „случайни” (casual) и бъдещи наблюдения ще покажат поведението им.

Ние смятаме, че включването в Конспекта на непотвърдени и вероятно разпространени в страната видове е от голямо значение, тъй като привлича вниманието на полевите ботаници към растения, които иначе биха могли да останат незабелязани. Няколко такива вида, имащи находища в непосредствена близост до границите на страната или дори понякога споменавани за България, бяха включени в настоящото издание, а именно *Allium rumelicum* (ÖZHATAV & AL., 2010), *Carex magellanica* (DITĚ & PUKAJOVÁ, 2003; SCHUTZE-MOTEL, 1966), *Dianthus collinus* (JALAS & SUOMINEN, 1986), *Dianthus dobrogensis* (JALAS & SUOMINEN, 1986; PRODAN, 1953), *Dianthus strymonis* (STRID, 1997), *Paronychia rechingeri* (ARTELLARI, 1997), *Silene orbicella* и *Silene tenuiflora*

(GREUTER, 1997). Повечето от тях са или наскоро отделени или принадлежат към трудни таксономични групи и изглежда възможно дори критична ревизия на българските хербариуми да потвърди някои от тях.

В тази връзка, в изданието са включени два таксона от сем. *Orchidaceae*, чийто таксономичен ранг е дискуссионен, а именно *Epipactis spiridonovii* и *Orchis commutata* (DELFORGE, 2006).

За част от родовете на *Rosaceae* запазваме традиционното възприемане в българските флористични източници, но безспорната ни препоръка е ботаниците да използват за това и други семейства данните на обобщаващите европейски източници (KURTTO & AL., 2004, 2007, 2010), както и достъпната онлайн Euro+Med Plantbase (<http://www.emplantbase.org/home>).

Няколко вида и имена са изключени от това издание на книгата по различни причини. Това са *Chamomilla suaveolens* (име, включено по грешка, бидейки синоним на *Matricaria discoidea*), *Centaurea amplifolia* (име, което е било погрешно използвано от български автори и заменено от наскоро обнародваното название *C. wagenitziana*; TAN & AL., 2009), *Colchicum borisii* (приеман за синоним на *C. autumnale* след ревизия на типов материал; PERSSON, 1999), *Chenopodium acuminatum*, *Orobanche nana* и *Orobanche rapumgenistae* (изключени след таксономични ревизии; GROZEVA, 2009; STOYANOV, K., 2009); *Cynoglossum rotatum* (доказано идентичен с *C. montanum* след ревизия на типовия материал; SUTORÝ, 2008); *Galium heldreichii* (погрешно интерпретиран от български автори вместо *Galium lovcense*; ANČEV & KRENDL, 2011); *Galium scabrifolium* (погрешно приеман от български автори вместо *G. macedonicum* или *G. rigidifolium*; ANČEV & KRENDL, 2011); *Hieracium zizianum* (VLADIMIROV, 2007a); *Aristolochia macedonica*, *Euphorbia velenovskyi* и *Myosotis macedonica* (синоними респективно на *A. pallida*, *E. palustris* и *M. incrassata*; виж PETROVA, A. & VLADIMIROV, 2010, и допълнителни литературни препратки в същата работа). PERSSON (2009) предлага *Colchicum diampolis* да бъде считан за синоним на *Colchicum szovitsii*. Въпреки това ние предпочитаме да запазим *C. diampolis* като самостоятелен вид, до публикуването на по-подробно изследване, което да изясни неговия статус. Наскоро беше съобщено, за голямо съжаление, че двата известни индивида на *Quercus thracica* са загинали (TASHEV, 2010a). Ние запазваме в Конспекта този най-вероятно хибридогенен таксон, тъй като е известно неговото съществуване в колекции *ex situ*.

Освен отпадането на таксони, трябва да се отбележат и наскоро направените първите стъпки за реинтродукция на някои изчезнали видове. Така например, *Aldrovanda vesiculosa* и *Nymphaea alba* (изчезнали от някои находища) бяха успешно възстановени и се развиват в тяхното предишно находище в Драгоманското блато (Знеполски район). Наскоро е направен опит за реинтродукция и на *Caldesia parnassifolia* (изчезнала от страната), но бъдещ мониторинг ще покаже дали пренасянето е било успешно.

Хорологията беше актуализирана с данни от многобройни публикации (AMMANN & AL., 1992; ANČEV, 2010; ANČEV & GORANOVA, 2009; ANČEV & KRENDL, 2011; APOSTOLOVA-STOYANOVA & STOYANOV, 2007; ASENOV, 2009a, b, 2010, 2012; ASENOV & PAVLOVA, 2009; ASSYOV & AL., 2007; BALTISBERGER, 2006; BANCHEVA & DELCHEVA, 2006; BANCHEVA & GORGOROV, 2010; BANCHEVA & AL., 2012;

CHRISTENSEN & AL., 2006; DIMITROV, 2006a, b, 2007, 2010b; DIMITROV & VUTOV, 2006, 2012; DIMITROV & AL., 2006, 2010, 2012; DIMOVA & VLADIMIROV, 2006; GORANOVA, 2007; GORANOVA & VASSILEV, 2006; GORANOVA & AL., 2008, 2009, 2010, 2011a, b, 2012 GROZEVA, 2004, 2006, 2010b, 2011; GROZEVA & AL., 2012; HÁJEK & AL., 2006a, b, 2007; IVANOVA, D., 2006a, b; IVANOVA & AL., 2011; IVANOVA & VLADIMIROV, 2007; KARAKIEV, 2009, 2011, 2012; KENDEROVA, 2012; KIRJAKOV, 2008; LANGOUROV & AL., 2012; MARINOV, 2009, 2012; MILANOVA & AL., 2008; NACHEVA & IVANOVA, 2011; NEDELICHEVA, 2008, 2011; NEDELICHEVA & VASILEVA, 2009; PAVLOVA, 2010; PAVLOVA & AL., 2006; PEDASHENKO, 2006, 2010; PEDASHENKO & AL., 2009; PERSSON, 1999; PETROVA, A. & AL., 2007; PETROVA, A. S., 2006, 2008, 2010b, c, 2011b; PETROVA, A. S. & ASSYOV, 2008; PETROVA, A. S. & VASILEV, 2006; PETROVA, A. S. & VENKOVA, 2008; PETROVA, A. S. & AL., 2007a, b, 2009b, c, 2010, 2011, 2012a, b, c; RAYCHEVA, 2011; RAYCHEVA & DIMITROVA, 2007; RAYCHEVA & STOYANOV, 2012; RONIQUIER & RONIQUIER, 2010; SEREGIN, 2008; SOPOTLIEVA, 2006; STANEV & DELIPAVLOV, 2007; STOYANOV, K., 2009b, c; STOYANOV, S., 2006, 2008, 2010b, 2012a; STOYANOV, S. & KOLEV, 2008; STOYANOV, S., & AL., 2006a, b; TASHEV, 2008, 2009a, b, 2010a, b, 2011; TASHEV & AL., 2010; TASHEV & TSAVKOV, 2009; TASHEV & VITKOVA, 2006; TOSHEVA, 2006; TOSHEVA & TRAYKOV, 2010; TOSHEVA & AL., 2009 TRIFONOV, 2009; TSONEV & AL., 2010 VASSILEV, 2007, 2009, 2010, 2011; VASSILEV & PEDASHENKO, 2009, 2010, 2011, 2012; VASSILEV & AL., 2007a, b, 2008, 2009, 2012; VELCHEV & PETROVA, A., 2011; VELEV & AL., 2010; VLADIMIROV, 2001, 2006a, b, 2007b, 2009a, b, c, 2011; VLADIMIROV & PETROVA, 2009, 2010a, b; VLADIMIROV & SZELAG, 2001; VLADIMIROV & AL., 2006; VUTOV & DIMITROV, 2002; ZIELIŃSKI & PETROVA, 2012; ŻUKOWSKI, 1993; YANKOVA & CHERNEVA, 2007). Разпространението на отделни видове също беше осъвременено с информация, включена в новата Червена книга на Република България, в момента под печат, но вече достъпна онлайн (<http://e-ecodb.bas.bg/rdb/en/>): ANCHEV & GORANOVA (2012), APOSTOLOVA (2012), ASSYOV & DENCHEV (2012), BANCHEVA (2012), DENCHEV & ASSYOV (2012), DIMITROV (2012), DIMITROVA (2012), GENOVA (2012), GEORGIEV (2012), GORANOVA & ANCHEV (2012), GUSSEV (2012), IGNATOVA (2012), IVANOVA & TZONEV (2012), PEEV & TSONEVA (2012), PETROVA, A. (2012), PETROVA, A. S. (2012), STOEVA (2012), STOYANOV, S. (2012b), TSONEV (2012), VLADIMIROV (2012). Съставителите разбират, че хорологичната информация невинаги може да бъде толкова прецизна, колкото те биха желали. По тази причина трябва да бъдат насърчени критичните прегледи на литературата и хербариумите, с цел да се подобри тук представената информация.

По време на подготовката на Конспекта екипът на „Флора на Република България“ подготвяше 11-ти том на основната за българската флора монографска поредица. Този том е под печат и скоро ще бъде на разположение. Той ще включва семействата *Asteraceae* (подсем. *Asteroideae* s. str.), *Dipsacaceae*, *Campanulaceae*, and *Morinaceae*. Информацията в него не е включена в настоящия Конспект, като се надяваме читателят да се опира на „Флора на Република България“ за посочените семейства.

Направени бяха и някои промени във флористичните елементи. Те са особено видими в групата на балканските ендемити, за които наскоро бе публикуван видов списък (PETROVA, A. & VLADIMIROV, 2010). Макар че промените са взети предвид в настоящото издание, за читателя без съмнение

ще бъде полезно да се запознае с горесцитираната публикация, която съдържа повече информация, отколкото може да се представи във формата на Конспекта, още повече че статията е достъпна онлайн (за интернет адрес виж литературния списък). *Dianthus noeanus*, *Silene exaltata*, *Stachys baldaccii*, *Stachys beckeana* и *Stachys thracica* трябва да бъдат добавени към списъка на PETROVA, A. & VLADIMIROV (2010), ако се следва приетата тук концепция. В допълнение, ние предпочитаме да приемаме *Achillea thracica* като български ендемит (NEDELCHIEVA, 1998), доколкото съществуват известни съмнения в отнасянето на румънските материали.

Известно е, че се опитваме да бъдем консервативни и да избегнем твърде много промени в имената, което лесно се обяснява с факта, че общата публика на книгата включва не само ботаници, но и студенти, експерти в областта на природозащитата, любители и т.н. Поради това се стремим да запазим книгата съвместима с основните издания за българската флора. Така например, ние все още включваме *Psephellus*, *Colymbada* и *Cyanus* в *Centaurea* s. l., макар че скорошните биосистематични проучвания подкрепят тяхното отделяне. Това са основанията и за запазване на традиционно ползваните родови граници и, респективно, видови названия в сем. *Orchidaceae*. При все това, в някои случаи подобни промени са неизбежни. Така в настоящото издание ние върнахме *Aurinia uechtriziana* отново в монотипния род *Lepidotrichum*, след като скорошни молекулярни изследвания дадоха аргументи за това разделяне (СНЕСНИ & SELVI, 2009; СЕСНИ, 2011). *Aphanes microcarpa* се намира сега като *A. minutiflora* (първото име е било погрешно използвано от българските автори; KURTTO & AL., 2007). *Vupleurum odontites* замества *B. fontanesii* (STOYANOV, S. & GORANOVA, 2009). *Celtis plachoniana* е коректното име за вида, представен в предходното издание като *C. glabrata* Steven, което название е по-късен омоним на *C. glabrata* Sprengel (ZIELIŃSKI & AL., 2012). Така също, видът известен в България като *Centaurea atropurpurea* (невалидно име) е тук под името *Centaurea calocephala*. *Centaurea finazzeri* е приет на видово ниво (BANCHEVA, 2006) и това название замества *C. rupestris*, под което той присъстваше в третото издание на Конспекта. *Chenopodium foliosum* замества нелегитимното име *Chenopodium virgatum* (GROZEVA, 2009). *Cynoglossum hungaricum* присъства като *Cynoglossum montanum* (SUTORÝ, 2008). *Epipactis gracilis* е под името *E. exilis* (DELFORGE, 2006); *Festucopsis sancta* ще бъде открит като *Peridictyon sanctum* (ANGELOV, 2000, 2003; SEBERG & AL., 1991). *Linaria rubioides* замества погрешно интерпретирания от българските автори *Linaria peloponesiaca* (NIKETIĆ & TOMOVIĆ, 2008). Накрая, *Opuntia vulgaris* е променена на *Opuntia humifusa*, тъй като предишното име е било наше несполучливо и погрешно използване (относно употребата на тези названия виж също дискусията в LEUENBERGER, 1993).

Понякога ценна флористична информация може да остане скрита в доклади за хромозомни числа (GROZEVA, 2010b; IVANOVA & VLADIMIROV, 2007; PETROVA & AL., 2007; VLADIMIROV & SZELĄG, 2001) и микологични публикации (NEGREAN, 2010; NEGREAN & DENCHEV, 2000). Постарали сме се в рамките на нашите възможности да проследим и включим тази информация.

Докато се подготвяше новото издание на книгата, възникна въпросът дали то трябва да включва предговорите на предходните издания. Прецени се, че тези предговори са всъщност едни кратки и полезни ретроспективи на проучванията върху разнообразието и разпространението на българските висши растения през последното десетилетие. Те съдържат също основна информация за някои принципи, които следваме в книгата. Поради това бе решено, че е добре те да бъдат достъпни за читателите, които може да не разполагат с предходните издания.

Накрая, съставителите ще оценят всички критични коментари и предложения за подобряване на включената информация. Те също така ще приветстват получаването на публикации, които засягат български материали или таксони, разпространени в България. Адресите за кореспонденция могат да бъдат открити в края на книгата.

Благодарности

Подготовката и актуализирането на всеки един вид списък е задача, която изисква време и много усилия. Това ново издание едва ли щеше да бъде възможно без постоянната подкрепа на много колеги и приятели. На първо място бихме искали да изразим нашата признателност на д-р Ана Петрова, за насърчаването, за огромната помощ, ценни съвети и предоставена информация. Не можем да пропуснем също нашия колега Владимир Владимиров, комуто благодарим за готовността да предостави експертен съвет по трудни въпроси и за приятните и полезни обсъждания. Благодарим на д-р Петър Желев за любезно предоставените критични бележки. Както обикновено, бихме желали да благодарим на нашите колеги, с които се наслаждавахме на многобройни и ползотворни теренни пътувания. Удоволствие е за нас да отправим благодарност към кураторите на българските хербариуми, за тяхната помощ при проучванията ни върху флората на страната. Благодарност дължим на институциите, в които работим, за това че направиха възможно продължението на този труд. Накрая, но не по значение, публикуването на това издание на Конспекта не би било възможно без финансовата помощ, предоставена от Националния фонд „Научни изследвания“ с договор ДНИС 01/05/11.12.2011. Тази финансова подкрепа позволи безплатното разпространението на електронна версия на книгата, която ще бъде достъпна за четене и изтегляне в Google Books (<http://books.google.com/>), Archive.org (<http://archive.org/>), Academia.edu (<http://www.academia.edu/>) и Scribd (<http://www.scribd.com/>).

FOREWORD TO THE FOURTH EDITION

Ten years have passed since the first edition of the *Conspectus* and more than five after its last edition. This is relatively short period, but a large amount of data on the Bulgarian flora was accumulated meanwhile. Given that the third edition is now out-of-print, yet in 2011 the preparation of a new edition of the book seemed necessary.

A number of inventory projects were run since 2006 by the former Institute of Botany (currently Institute of Biodiversity and Ecosystem Research of the Bulgarian Academy of Sciences). Among these at least a few could be mentioned, namely “Red data book of Republic of Bulgaria, vol. 1. Plants and Fungi”, “Important plant areas in Bulgaria”, “Biology, ecology and control of the invasive alien species in the Bulgarian flora”, “Conservation of biodiversity in hot-spots of glacial relict plants in Bulgaria”, “A pilot network of small protected sites for plant species in Bulgaria using the plant micro-reserve model”. Together with “Flora of Republic of Bulgaria” these projects have included intensive field work, resulting in a number of interesting discoveries and new information. During 2011–2012 the Bulgarian botanical community provided extensive support for project on mapping species and habitats in the Natura 2000 network in the country. It could be expected that the field work on this project is also bringing new floristic data, which will be hopefully published in the years to follow. Surveys financed or run by the directorates of national and nature parks certainly contribute to the better knowledge on the flora of various parts of the country.

There could be little doubt, that an important role in the increasing amount of publications with new findings plays the international journal *Phytologia Balcanica*, published by the Institute of Biodiversity and Ecosystem Research. Since 2006 it provides a convenient platform for rapid publication in the form of brief notes on new and interesting national and regional records in the Balkans. After the launch of the New Records section, the number of published new data from Bulgaria has visibly increased. All contributions, which appeared in the journal, are available online at <http://www.bio.bas.bg/~phytolbalcan/>.

A total of 10 species and hybrid combinations were described as new for the science from Bulgaria, namely *Aethionema rhodopaeum*, *Bupleurum uechtritzianum*, *Centaurea diospolitana*, *Centaurea wagenitziana* (*C. amplifolia* auct. bulg.), *Hieracium wernerii*, *Onosma pavlovii* (first invalidly published as *O. bulgarica*), *Onosma malkarmayorum*, *Salix* × *ardana*, *Salix* × *velcevii*, and *Sesleria rhodopaea* (BANCHEVA & STOYANOV, 2009; BORSIĆ & AL., 2011; KAILIS & ELEFThERIADOU, 2011; PAVLOVA, 2007, 2009; STOYANOV, S., 2010a; SZELĄG, 2006; TAN & AL., 2009; TAN & PETROVA, 2009; TASHEV & DIMITROV, 2012; TEPPNER, 2008; VLADIMIROV & SZELĄG, 2006; ZIELIŃSKI & AL., 2006). In addition, some species, described at least partly on Bulgarian material prior to 2006 and omitted in the previous edition, are now included – *Juniperus deltoides* (*J. oxycedrus* auct. plur.; ADAMS, 2004; ADAMS & AL., 2005), *Onosma stojanoffii* (TEPPNER, 1996a, 2008; TURRILL, 1925). Biosystematic studies confirmed the species status of *Centaurea davidovii* (BANCHEVA & GORGOROV, 2010) and this species is now listed in the

book. Based on our own observations, data from herbaria, and some publications (BÁLINT & ABADJIEV, 2006; FĂGĂRAȘ & AL., 2010; GREUTER, 1997), *Silene exaltata*, described from Bulgaria, but found under question in the previous edition, is now to be considered with confirmed distribution in the country.

An impressive number of new native species of the Bulgarian flora was added to the Conspectus – totally 42. These are *Achillea ochroleuca*, *Allium phthioticum*, *Anchusa spruneri*, *Bromus parvispiculatus*, *Bupleurum euboicum*, *Carex appropinquata*, *Celtis tournefortii*, *Centaurea jankae*, *Centaurea trinervia*, *Chenopodium striatiforme*, *Chenopodium strictum*, *Cirsium rivulare*, *Colchicum haynaldii*, *Colchicum triphyllum*, *Convolvulus pilosellifolius*, *Crepis rubra*, *Dactylorhiza maculata* ssp. *transsilvanica*, *Dryopteris* × *ambroseae*, *Gagea fragifera*, *Galium asparagifolium*, *Galium* × *pomeranicum*, *Galium rigidifolium*, *Juncus hybridus*, *Linum spathulatum*, *Minuartia bilykiana*, *Onosma lypskyi*, *Onosma rigida*, *Orobanche laserpitii-sileris*, *Plantago maritima*, *Plantago maxima*, *Plantago sempervirens*, *Potamogeton obtusifolius*, *Potamogeton berchtoldii*, *Ranunculus polyanthemoides*, *Sedum subulatum*, *Sesleria tenuilolia*, *Sorbus borbasii*, *Sorbus mougeotii*, *Stachys baldaccii*, *Stachys beckeana*, *Stipa ucrainica*, and *Taraxacum thracicum* (AMMANS & AL., 1992; ANCHEV, 1999; ANČEV & KRENDL, 2011; APOSTOLOVA & AL., 2008; ASENOV, 2010; BALTISBERGER, 2006; CHESHMEDZHIEV & MARINOV, 2009; DIMITROV, 2009, 2010a; DIMITROV & TRIFONOV, 2006; FĂGĂRAȘ & AL., 2010; GRAMATIKOV, 1983; GROZEVA, in press; HÁJEK & AL., 2006a; IVANOVA, 2006a; KIRYAKOV & ČEŠMEDŽIEV, 2007; KOLARČIK & AL., 2010; MITOVA & AL., 2002; NEDELCHEVA & TSONEV, 2006; PEEV & AL., 2009; PERSSON, 1999, 2009; PERUZZI & AL., 2011; PETROVA, A.S., 2007; PETROVA, A.S. & VENKOVA, 2008; PETROVA, A.S. & AL., 2009a; SCHOLTZ, 2010; SNOGERUP & SNOGERUP, 2001; STOYANOV, K., 2009a; STOYANOV, S. & GORANOVA, 2009; STOYANOV, S. & VASSILEV, 2011; TEPPNER, 1996b, 2008; TSONEV & KARAKIEV, 2007; ZARREI & AL., 2009; ZIELIŃSKI & AL., 2012). It is notable that those new national records come from different regions of the country, including such that are normally considered well-studied. Apart from the newly recorded species, the so far questionable distribution of *Dianthus leptopetalus* in the country is now confirmed (FĂGĂRAȘ & AL., 2010; NEGREAN & DENCHEV, 2000), as well as the occurrence of *Salix viminalis* (ZIELIŃSKI & AL., 2012). Further more, two taxa, known to be present in Bulgaria, are considered now at species level – *Bupleurum aequiradiatum* (formerly *B. commutatum* var. *aequiradiatum*) and *Bupleurum pachnospermum* (= *B. commutatum* ssp. *glaucoarpum*) after SNOGERUP & SNOGERUP (2001) and STOYANOV, S. & GORANOVA (2009). *Asperula suberosa* and *Delphinium albiflorum* appear in the Conspectus as self-standing species, following respectively GORANOVA & ANCHEV (2012) and BANCHEVA (2012). *Dianthus noeanus*, formerly treated as infraspecific taxon of *D. petraeus*, is separated following the taxonomic decision of several authoritative sources (see e. g. JALAS & SUOMINEN, 1986; STRID, 1997). *Lychnis subintegra* is now accepted as a separate species in accordance with GREUTER (1997). Molecular and morphological research also suggests that *Stachys thracica* is a self-standing species (AKÇIÇEK & AL., 2012; DÜNDAR & AL., in press) and it is therefore reinstated in the Bulgarian flora. A number of new hieracia and taraxaca are recognized as good species in the Bulgarian flora (PETROVA, A. & VLADIMIROV, 2010). These are

Hieracium divaricatum, *H. heuffelii*, *H. klisurae*, *H. neodivergens*, *H. schultziaenum*, *H. velenovskyi*, *Taraxacum bulgaricum*, and *T. dorhocarpum*. There could be little doubt the number of species in those two genera in Bulgaria will continue to grow in future.

Alien species have become a major issue and the interest in this topic has even increased since the last edition of the Conspectus. A detailed overview of the studies on the distribution of alien plants in Bulgaria during the last two decades was recently published by PETROVA, A. & AL. (2012). The following 33 new species have been found in the country and are included in this edition: *Avena byzantina*, *Bidens bipinnatus*, *Bidens vulgatus*, *Catalpa speciosa*, *Cenchrus incertus*, *Chenopodium missouriense*, *Chenopodium pratericola*, *Chenopodium probstii*, *Chenopodium pumilio*, *Conyza sumatrensis*, *Datura innoxia*, *Digitaria ciliaris*, *Eclipta prostrata*, *Elodea nuttallii*, *Euphorbia davidii*, *Fallopia aubertii*, *Heteranthera rotundifolia*, *Impatiens balfourii*, *Koeleria paniculata*, *Lupinus polyphyllus*, *Modiola caroliniana*, *Panicum dichotomiflorum*, *Parthenocissus inserta*, *Pennisetum setaceum*, *Phytolacca esculenta*, *Prunus serotina*, *Senecio cineraria*, *Senecio inaequidens*, *Silphium perfoliatum*, *Solanum cornutum*, *Solanum heterodoxum*, *Vincetoxicum nigrum*, *Ziziphus jujuba* (ČEŠMEDŽIEV & SOKOLOV, 2007; ČEŠMEDŽIEV & STOICHEV, 2005; DELIPAVLOV & ČEŠMEDŽIEV, 2003; DIMITROV, 2005; GEORGIEV & AL., 2011; GEORGIEVA & IVANOV, 2007; GREUTER & AL., 1984; GROZEVA, 2007, 2010a, 2012; JEHLÍK & SCHOLZ, 2009; NEDELICHEVA, 2011; NEGREAN & DENCHEV, 2000; PETROVA, A. & AL., 2012; PETROVA, A.S., 2010a, 2011a, 2012; PETROVA, A.S. & VLADIMIROV, 2009, 2012; TASHEV, 2007; TSONEV, 2007; VASSILEV & PEDASHENKO, 2009; VELCHEV & PETROVA, A., 2010; VLADIMIROV, 2009a,c; VLADIMIROV & PETROVA, A., 2009; VLADIMIROV & PETROVA, A.S., 2009; ZIELIŃSKI & AL., 2012). No detailed localities have been reported for *Elodea canadensis* and *Impatiens balfourii* and their distribution is yet to be clarified; the maps for those two species bear a question mark all over the territory of the country. Additionally, new chorological information appeared for different non-native species, already known to be present in Bulgaria (for references see below). Some of the above species (*Avena byzantina*, *Silphium perfoliatum*), are so far found only as casuals and future research will have to clarify their behavior.

We tend to consider that the inclusion of unconfirmed and possibly present species in the Conspectus is a matter of great importance as it turns the attention of the field botanists to plants, which may otherwise go unnoticed. Several such species, having localities very close to the country's borders or even sometimes mentioned for Bulgaria, were included in the present edition, namely *Allium rumelicum* (ÖZHATAY & AL., 2010), *Carex magellanica* (DÍTI & PUKAJOVÁ, 2003; SCHUTZE-MOTEL, 1966), *Dianthus collinus* (JALAS & SUOMINEN, 1986), *Dianthus dobrogensis* (JALAS & SUOMINEN, 1986; PRODAN, 1953), *Dianthus strymonis* (STRID, 1997), *Paronychia rechingeri* (ARTELLARI, 1997), *Silene orbatica*, and *Silene tenuiflora* (GREUTER, 1997). Most of these are either recently separated, or belong to difficult taxonomic groups and it seems possible that even a critical survey of the Bulgarian herbaria might confirm some of them.

In this relation, the Conspectus includes two taxa of the family *Orchidaceae*, which taxonomic status is yet to be clarified, namely *Epipactis spiridonovii* and *Orchis commutata* (DELFORGE, 2006).

For part of the genera of *Rosaceae* we keep the traditional treatment used in Bulgarian floristic sources, but for this and other families the reader is advised to consult also some more general European sources (KURTTO & AL., 2004, 2007, 2010), as well as the available online database Euro+Med Plantbase (<http://www.emplantbase.org/home>).

Several species and names have disappeared in this edition of the book for various reasons. These are *Chamomilla suaveolens* (included by an error and being a synonym of *Matricaria discoidea*), *Centaurea amplifolia* (a name having been misapplied by Bulgarian authors and replaced by the newly described *C. wagenitziana*; TAN & AL., 2009), *Colchicum borisii* (synonymized to *C. autumnale* after revision of the type; PERSSON, 1999), *Chenopodium acuminatum*, *Orobanche nana*, and *Orobanche rapum-genistae* (both excluded after taxonomic revisions; GROZEVA, 2009; STOYANOV, K., 2009); *Cynoglossum rotatum* (proven to be identical with *C. montanum* after revision of the type; SUTORÝ, 2008); *Galium heldreichii* (misinterpreted by Bulgarian authors instead of *Galium lovcense*; ANČEV & KRENDL, 2011); *Galium scabrifolium* (misinterpreted by Bulgarian authors instead of *G. macedonicum* or *G. rigidifolium*; ANČEV & KRENDL, 2011); *Hieracium zizianum* (VLADIMIROV, 2007a); *Aristolochia macedonica*, *Euphorbia velenovskyyi* and *Myosotis macedonica* (being synonyms of *A. pallida*, *E. palustris* and *M. incrassata*, respectively; see PETROVA, A. & VLADIMIROV, 2010, and references therein). PERSSON (2009) suggested that *Colchicum diampolis* should be perceived as a synonym of *Colchicum szovitsii*. However, we prefer to keep *C. diampolis* as a self-standing species until more detailed study is published, which will clarify its status. It is rather sad that very recently the two known individual of *Quercus thracica* were reported to have died out (TASHEV, 2010a). We preserve this apparently hybridogenous taxon in the Conspectus as it is known that it survives in *ex situ* collections.

It must be noted that apart from the disappearing records, very recently the first steps were taken for the re-introduction of some extinct species. Thus, *Aldrovanda vesiculosa* and *Nymphaea alba* (locally extinct) were successfully restored and now grow again in their former locality in Dragoman marsh (Znepole region). An attempt was made recently for the re-introduction of *Caldesia parnassifolia* (nationally extinct), but monitoring will have to show whether the transfer was successful.

The chorology was updated with the data from numerous publication (AMMANN & AL., 1992; ANČEV, 2010; ANČEV & GORANOVA, 2009; ANČEV & KRENDL, 2011; APOSTOLOVA–STOYANOVA & STOYANOV, 2007; ASENOV, 2009a, b, 2010, 2012; ASENOV & PAVLOVA, 2009; ASSYOV & AL., 2007; BALTISBERGER, 2006; BANCHEVA & DELCHEVA, 2006; BANCHEVA & GORGOROV, 2010; BANCHEVA & AL., 2012; CHRISTENSEN & AL., 2006; DIMITROV, 2006a, b, 2007, 2010b; DIMITROV & VUTOV, 2006, 2012; DIMITROV & AL., 2006, 2010, 2012; DIMOVA & VLADIMIROV, 2006; GORANOVA, 2007; GORANOVA & VASSILEV, 2006; GORANOVA & AL., 2008, 2009, 2010, 2011a, b, 2012 GROZEVA,

2004, 2006, 2010b, 2011; GROZEVA & AL., 2012; HÁJEK & AL., 2006a, b, 2007; IVANOVA, D., 2006a, b; IVANOVA & AL., 2011; IVANOVA & VLADIMIROV, 2007; KARAKIEV, 2009, 2011, 2012; KENDEROVA, 2012; KIRJAKOV, 2008; LANGOUROV & AL., 2012; MARINOV, 2009, 2012; MILANOVA & AL., 2008; NACHEVA & IVANOVA, 2011; NEDELICHEVA, 2008, 2011; NEDELICHEVA & VASILEVA, 2009; PAVLOVA, 2010; PAVLOVA & AL., 2006; PEDASHENKO, 2006, 2010; PEDASHENKO & AL., 2009; PERSSON, 1999; PETROVA, A. & AL., 2007; PETROVA, A. S., 2006, 2008, 2010b, c, 2011b; PETROVA, A. S & ASSYOV, 2008; PETROVA, A. S. & VASILEV, 2006; PETROVA, A. S. & VENKOVA, 2008; PETROVA, A. S. & AL., 2007a, b, 2009b, c, 2010, 2011, 2012a, b, c; RAYCHEVA, 2011; RAYCHEVA & DIMITROVA, 2007; RAYCHEVA & STOYANOV, 2012; RONIKIER & RONIKIER, 2010; SEREGIN, 2008; SOPOTLIEVA, 2006; STANEV & DELIPAVLOV, 2007; STOYANOV, K., 2009b, c; STOYANOV, S., 2006, 2008, 2010b, 2012a; STOYANOV, S. & KOLEV, 2008; STOYANOV, S., & AL., 2006a, b; TASHEV, 2008, 2009a, b, 2010a, b, 2011; TASHEV & AL., 2010; TASHEV & TSAVKOV, 2009; TASHEV & VITKOVA, 2006; TOSHEVA, 2006; TOSHEVA & TRAYKOV, 2010; TOSHEVA & AL., 2009; TRIFONOV, 2009; TSONEV & AL., 2010; VASSILEV, 2007, 2009, 2010, 2011; VASSILEV & PEDASHENKO, 2009, 2010, 2011, 2012; VASSILEV & AL., 2007a, b, 2008, 2009, 2012; VELCHEV & PETROVA, A., 2011; VELEV & AL., 2010; VLADIMIROV, 2001, 2006a, b, 2007b, 2009a, b, c, 2011; VLADIMIROV & PETROVA, 2009, 2010a, b; VLADIMIROV & SZELAG, 2001; VLADIMIROV & AL., 2006; VUTOV & DIMITROV, 2002; ZIELIŃSKI & PETROVA, 2012; ŻUKOWSKI, 1993; YANKOVA & CHERNEVA, 2007). The distribution of individual species has also been updated with the information, included in the new Red Data Book of Republic of Bulgaria, which is currently in press, but is already available online (<http://e-ecodb.bas.bg/rdb/en/>): ANCHEV & GORANOVA (2012), APOSTOLOVA (2012), ASSYOV & DENCHEV (2012), BANCHEVA (2012), DENCHEV & ASSYOV (2012), DIMITROV (2012), DIMITROVA (2012), GENOVA (2012), GEORGIEV (2012), GORANOVA & ANCHEV (2012), GUSSEV (2012), IGNATOVA (2012), IVANOVA & TZONEV (2012), PEEV & TSONEVA (2012), PETROVA, A. (2012), PETROVA, A. S. (2012), STOEVA (2012), STOYANOV, S. (2012b), TSONEV (2012), VLADIMIROV (2012). The compilers are fully aware that the chorological information may not always be as precise as they would hope to. It is therefore that critical surveys of the literature and herbaria on individual species are to be encouraged, for that helps to improve the data presented here.

During the preparation of the *Conspectus* the team of the Flora of Republic of Bulgaria has been preparing the 11th volume of the monographic series, basic for the Bulgarian flora. The volume is now in press and will be available soon and will include the families *Asteraceae* (subfamily *Asteroideae* s. str.), *Dipsacaceae*, *Campanulaceae*, and *Morinaceae*. This information is not incorporated in the *Conspectus* and it is hoped that the reader will refer to the Flora of Republic of Bulgaria for those families.

Several changes appear in the floristic elements. They are especially well-visible in the group of the Balkan endemics, where a list of species was recently published (PETROVA, A. & VLADIMIROV, 2010). Although the changes are taken into account in the current edition, the reader will certainly find useful to refer also to the above publication, which contains more information than possible to fit in the format of the *Conspectus*, moreover that the paper is conveniently available

online (for web-address see the entry in the list of references). *Dianthus noeanus*, *Silene exaltata*, *Stachys baldaccii*, *Stachys beckeana*, and *Stachys thracica* must be added to the list of PETROVA, A. & VLADIMIROV (2010) if the concept accepted here is followed. In addition, we prefer to treat *Achillea thracica* as a Bulgarian endemic (NEDELICHEVA, 1998), as far as there are some doubts about the identity of the Romanian materials.

It is known that we tend to be conservative and avoid too many name changes, which is easily explained by that fact that the general public of the book includes not only botanists, but also students, experts in nature conservation, hobbyists, etc. We therefore try to keep the book compatible with the basic editions on the Bulgarian flora. As for example we still lump *Psephellus*, *Colymbada* and *Cyanus* into *Centaurea* s. l., although recent biosystematic research has provided support for their separation. For the same reason we keep the traditional generic boundaries and species names respectively in the *Orchidaceae* family. Nevertheless, in some cases such changes are unavoidable. Thus in the current edition we have moved *Aurinia uechtritziiana* back to the monotypic genus *Lepidotrichum*, being urged to do this as recent molecular studies provided support for this separation (CHECCHI & SELVI, 2009; CECCHI, 2011). *Aphanes microcarpa* is now found as *A. minutiflora* (the first name being misapplied by Bulgarian authors; KURTO & AL., 2007). *Bupleurum odontites* replaces *B. fontanesii* (STOYANOV, S. & GORANOVA, 2009). *Celtis plachoniana* appears to be the correct name for the species, named in the previous edition as *C. glabrata* Steven, which is a later homonym of *C. glabrata* Sprengel (ZIELIŃSKI & AL., 2012). Also, the species previously known in Bulgaria as *Centaurea atropurpurea* (invalid name) is here under the name *Centaurea calocephala*. *Centaurea finazzeri* is accepted at species level (BANCHEVA, 2006) and this name replaces *C. rupestris* under which it appears in the third edition of the Conspectus. *Chenopodium foliosum* replaces the illegitimate name *Chenopodium virgatum* (GROZEVA, 2009). *Cynoglossum hungaricum* appears as *Cynoglossum montanum* (SUTORÝ, 2008). *Epipactis gracilis* is now *E. exilis* (DELFORGE, 2006); *Festucopsis sancta* will be found as *Peridictyon sanctum* (ANGELOV, 2000, 2003; SEBERG & AL., 1991). *Linaria rubioides* replaces the misinterpreted by Bulgarian authors *Linaria peloponesiaca* (NIKETIĆ & TOMOVIĆ, 2008). Finally, *Opuntia vulgaris* is changed to *Opuntia humifusa*, the former name being our own unfortunate misapplication (see also discussion in LEUENBERGER, 1993).

Sometimes valuable floristic information may remain hidden in chromosome number reports (GROZEVA, 2010b; IVANOVA & VLADIMIROV, 2007; PETROVA & AL., 2007; VLADIMIROV & SZELAG, 2001) and mycological publications (NEGREAN, 2010; NEGREAN & DENCHEV, 2000). We have tried to the best of our knowledge to trace and include this information.

When preparing the new edition of the book, a question was raised if it should include the prefaces to the earlier editions. It was considered though, that they are in fact a brief and useful retrospective account on the studies on the diversity and the chorology of the Bulgarian flora over the last decade. They also contain some essential information for some principles that we follow in the book. It was

therefore decided that they are better available to the readers, who may not have the previous editions in hand.

Finally, the compilers will highly appreciate any critical comments and suggestions for improvement of the information included. They will also welcome receiving publications that tackle Bulgarian material or taxa, distributed in Bulgaria. The addresses for correspondence might be found at the end of the book.

Acknowledgements

The preparation and the updating of any checklist is a time consuming task, which also requires a lot of effort. Thus, the new edition would have hardly been possible without the continuing support by many colleagues and friends. At the very first place we would like to express our gratitude to Ana Petrova, PhD, for the encouragement, for the immense support, valuable advice, and information provided. We could not pass also our colleague Vladimir Vladimirov, who is thanked for his readiness to provide expert advice on tricky matters and for the enjoyable and useful discussions. Petar Zhelev, PhD, is thanked for the kindly provided critical comments. As always, we would like to thank to our colleagues, with whom we enjoyed numerous productive field trips. It is our pleasure to extend our gratitude to the curators of the Bulgarian herbaria for the help kindly provided during our research on the flora of the country. Thanks are due to the institutions where we work for making it possible to sustain this work. Last but not least, the publishing of this edition of the Conspectus would have been impossible without the financial aid provided by the Bulgarian Science Fund through contract DNIS 01/05/11.12.2011. This financial support allowed distributing the electronic version of the book free of charge and it will be available for reading and download on Google Books (<http://books.google.com/>), Archive.org (<http://archive.org/>), Academia.edu (<http://www.academia.edu/>), and Scribd (<http://www.scribd.com/>).

ПРЕДГОВОР КЪМ ТРЕТОТО ИЗДАНИЕ

Видовото богатство на дадена територия е динамична величина поради навлизането на нови видове и изчезването на някои от съществуващите. Списъците на видове за дадена територия (флори, конспекти) се променят поради промените във видовото богатство, но и в резултат на нови таксономични виждания и концепции. Поради тези съображения, когато в началото на 2006 г. стана ясно, че тиражът на второто издание от 2002 г. е почти изчерпан, решението естествено бе да подготвим ново издание.

Краткият период, изминал от отпечатването на второто издание, е период на интензивни проучвания на българската флора. Приключени са или са в ход редица проекти. Част от тях са свързани с интензивна теренна работа, покриваща цялата територия на страната. В Института по ботаника при Българска академия на науките са базирани проектите: „Биоразнообразие на флората и растителността на Родопите” (2001–2003), „Проучване на тревните съобщества в България” (2002–2004), „Оценка на потенциалните важни места за растенията в България” (2003–2005), „Червени списъци на растения и гъби” (2003–2005), „Червена книга на България. Том 1. Растения и гъби” (2004–2007), „Оценка на чуждите за българската флора и микота видове” (2005–2007). Проучванията, свързани с изработване на планове за управление на защитени територии, в т. ч. на големи такива, като националните и природни паркове (Централен Балкан, Рила, Пирин, Витоша, Странджа, Сините камъни, Рилски манастир, Русенски Лом), както и на редица резервати, обогатиха хорологичната информация за редица видове. Принос в това отношение дадоха и проектите по изграждане на мрежата NATURA 2000 в България.

Изключително важен принос за изясняване на състава на българската флора имат биосистематичните проучвания, сред които през последните години се открояват тези на папратовидните растения, както и семействата *Asteraceae* (*Achillea*, *Centaurea*, *Hieracium*, *Crepis*), *Brassicaceae*, *Campanulaceae*, *Fabaceae* при висшите растения.

В пряка връзка с интензивността на проучванията, изминалият период е богат на публикации върху българската флора. Обстоен обзор на проучванията и публикациите за периода 1993–2004 г. дават PЕТРОВА, А. & AL. (2005). През 2003 г. излезе от печат и Определител на растенията в България (DELIPAVLOV & SHESHMEDZHIEV, 2003), в който са включени 3800 диворастящи и 530 интродуцирани и култивирани вида.

В настоящето, трето издание на Конспекта са включени общо 3996 вида висши растения, което е с 146 вида повече от броя в предходното. Съществено различие е включването на видове, чието присъствие в българската флора е непотвърдено, но вероятно. При повечето от тях (26 вида) основание за включването им в настоящия Конспект е посочването им под въпрос в Определителя на висшите растения (KOZHUNAROV, 1992). Включването на останалите видове е въз основа на различни трудове и

публикации (ANČEV, 2001; ERBEN, 2002; FRÖHNER, 1997 и т.н.). В случаите, когато има предположения за срещането на вида в конкретен район, е поставен въпросителен знак (“?”) върху района (районите). Когато се допуска срещането на вида в България, но без конкретен район, въпросителният знак е поставен върху картата на цялата страна.

Описани като нови за науката видове от страната през този период са *Alyssum orbelicum* Ančev & Uzunov (ANČEV & UZUNOV, 2002), *Bolboschoenus platycarpus* Marhold, Hroudová, Ducháček & Zákavský (MARHOLD & AL., 2004), *Festuca achtarovii* Velčev & Vassilev, *F. calcarea* Velčev ex Denchev, *F. maleschevica* Velčev & Vassilev, *F. staroplaninica* Velčev, *F. vandovii* Velčev ex Denchev, (DENCHEV, 2004; VELČEV, 2002; VELČEV & VASSILEV 2002a), *Hieracium kittaniae* Vladimir., *H. petrovae* Vladimir. & Szelag (VLADIMIROV, 2003; VLADIMIROV & SZELAG, 2006), *Vicia jordanovii* Velčev (VELČEV, 2002).

Добавени са също така редица видове, описани от България преди 2002 г., но останали неотразени в предходното издание. Такива са: *Alchemilla sirjaevii* Ploček (PLOCHEK, 1983), *Bromus orbelicus* (Velen.) Petrova, Kožucharov & Ehrend. (PETROVA, A. & AL., 1997), *Bromus parilicus* Petrova, Kožucharov & Ehrend. (PETROVA, A. & AL., 1997), *Carex riloensis* Stoeva & Popova (STOEVA & POPOVA, 1994), *Myosotis margaritae* Štěpánková (ŠTĚPÁNKOVÁ, 1993). Впечатляващ е броят на включените за пръв път в Конспекта видове от род *Taraxacum* – общо 43. Сред тях са 20 вида, описани за пръв път от България (DOLL, 1978; KIRSCHNER & ŠTĚPÁNEK 1993, 1998). С оглед на настъпилите промени в таксономичната концепция на този род, статусът на част от тези видове (DOLL, 1978) може да бъде обект на бъдеща критична преоценка.

Нови за страната видове и такива неотразени в предишното издание на Конспекта са *Achillea asplenifolia* Vent., *Arabis ciliata* Clairv., *Bulpeurum ranunculoides* L., *Carex caespitosa* L., *C. elata* All., *C. hartmanii* Cajander, *C. lasiocarpa* Ehrh., *Cerastium tenoreanum* Ser., *Clypeola microcarpa* Moris, *Crocus pallidus* Kitanov & Drenkovsky, *Dryopteris affinis* (Lowe) Fraser-Jenk., *Epipactis gracilis* B. & H. Baumann, *E. greuteri* H. Baumann & Künkele, *E. leptochila* (Godgery) Godfery, *E. pontica* Taubenheim, *Equisetum* × *moorei* Newman, *Geranium aristatum* Freyn. & Sint., *Gymnadenia densiflora* (Wahlenb.) A. Dietr., *Lathyrus filiformis* (Lam.) Gay, *Leontodon saxatilis* Lam., *L. tuberosus* L., *Linaria angustissima* (Loisel) Borbás, *Luzula divulgata* Kirshner, *L. falax* Kirschner, *Myosotis michaelae* Štěpánková, *Ophrys reinholdii* Spruner ex Fleishm., *Polycarpon diphyllum* Cav., *Polypodium interjectum* Shivas, *P.* × *mantoniae* Rothm., *Quercus trojana* Webb., *Rumex confertus* Willd., *Sagittaria latifolia* Willd., *Sesleria argentea* (Savi) Savi, *S. autumnalis* (Scop.) F.W. Schultz, *S. robusta* Schott, Nym. & Kotschi, *S. filifolia* Hoppe, *S. uliginosa* Opiz, *Thesium procumbens* C.A. Mey, *Thlaspi viridisepalum* (Podp.) Greuter & Burdet., *Thymelaea gussonei* Boreau, *Tragopogon floccosus* Waldst. & Kit., *Vulpia fasciculata* (Forssk.) Samp. (ANČEV, 2001; BERGMAN & AL., 2004; DELIPAVLOV, 2000; DELIPAVLOV & ČEŠMEDŽIEV, 2003; DIMITROVA & AL., 2005; GUSSEV & AL., 2005; HÁJEK & AL., 2005; HENDRYCH, 1994; IVANOVA, 2004; IVANOVA, in press; JORDANOV & AL., 1974; KIRSCHNER, 1991; KĪTANOV & AL., 1977; KOSTADINOVA & DIMITROV, 2002; LATOWSKI, 1993; PETROVA, A. 2000; PETROVA, A. in press; PETROVA, A. & AL., 2005; PETROVA, A. S. & VENKOVA, 2006; PETROVA, A. S. & VENKOVA, in press; PETROVA, A. S. & VENKOVA, submitted;

PLOCHEK, 1983; SAUKEL & AL., 2003; ŠTĚPÁNKOVÁ, 1994b; STOEVA, 1994; STOEVA & AL., 2005; STOYANOV, 2004; TOSHEVA, 2005; VELČEV & VASSILEV, 2002b; VLADIMIROV & DIMITROVA, 2006; VLADIMIROV & TSONEVA, 2006).

Успоредно с подготовката на Конспекта се подготвяше ново издание на “Атлас на ендемичните растения в България” (PETROVA, A., 2006). Във включения в атласа списък на българските ендемити (PETROVA, A. & VELČEV, 2006) има видове, които в част от обобщаващите издания за българската флора са разглеждани като вътревидови таксони и като такива не са били включени в предишното издание на Конспекта. Това са *Alchemilla damianicensis* Pawł., *Centaurea kamciensis* Kočev & Gančev, *Colchicum rhodopaeum* Kov., *Hieracium asenovgradense* Jasiewicz & Pawł., *H. ferdinandii-regis* Zahn, *Jurinea bulgarica* Velen.

Както това беше отбелязано и във второто издание, сме се въздържали от вземане на таксономични решения и сме отразявали валидно публикуваните от страната таксони. Понякога това е в противоречие с нашите схващания. DELIPAVLOV (1998) публикува като нов за науката вид *Oenothera bulgarica* Delip. от Южна Струмска долина. VELČEV & VASSILEV (2002b) публикуват от същия район *O. stricta* Ledeb. ex Link. Според нас се касае за един и същи таксон и доколкото родът е американски, описването на нови видове от находища извън естествения им ареал не е добро решение.

В резултат на биосистематични проучвания е потвърден видовият статус на редица видове в род *Centaurea* (BANCHEVA, 1999; BANCHEVA & RAIMONDO, 2003; BANCHEVA & GREILHUBER, 2006). Значителни и различни по характер са промените, настъпили и в семейство *Brassicaceae* (ANČEV, 1997, 2001; ANČEV & GORANOVA, 2006; ANČEV & POLATSCHEK, 1998, 2003, 2006; ANČEV & TOMŠOVIĆ, 1999). Съществени са и промените, резултат от задълбочено проучване на род *Achillea* в България (NEDELICHEVA, 1998; SAUKEL & AL., 2003).

В сравнение с Конспекта от 2002 г., от българската флора отпадат 20 таксона. В някои случаи се касае за погрешно съобщени за страната видове, напр. *Ophrys argolica* H. Fleischman (BERGMAN & AL., 2004; TSVETANOV & AL., in press). Подобен е случаят с *Campanula trichocalycina* Ten., погрешно посочвана за страната вместо *Asyneuma pichleri* (Vis.) Lakušić & P. Conti (LAKUŠIĆ & CONTI, 2004). От род *Rosa* отпадат пет вида поради критична преоценка на техния статус (ZIELINSKI & AL., 2004).

Въпросът за навлизането на антропофити във флората е изключително актуален в наши дни (PETROVA, A. & VLADIMIROV, 2002). Регистрирани за пръв път за страната са *Falopia × bohemia* (Chrtek & Chrtekova) J. P. Baylei, *Helianthus tuberosus* L., *Solidago gigantea* Ait., *Bidens frondosa* L., *Sycios angulatus* L., *Parthenocissus quinquefolia* (L.) Planch. (PETROVA, A. S., 2006; ŠUMBEROVA & AL., 2004; TZONEV, 2005; VLADIMIROV, 2003, 2006). В Конспекта са включени видове, неотразени в предишното издание – *Armoracia rusticana* (Lam.) P. Gaertn., *Fraxinus americana* L., *F. pensylvanica* H. Marshall, *Gleditsia triacanthos* L., *Opuntia tortispina* Engel, *O. vulgaris* Mill. (= *O. compressa* (Salisb.) Macbr.), *Robinia pseudoacacia* L.

Доколкото като ботаници интересите ни са основно свързани с флористичните проучвания, философията ни за Конспекта е той да представя нагледно разпространението на видовете в страната и да

подпомага изясняването му. В тази връзка и в това издание е запазен утвърденият в предходните формат. Той обаче от своя страна налага някои ограничения. На първо място това е липсата на синоними, вътревидови таксони и коментари. Поради това в редица случаи за нас беше много трудно да вземем решение за названието под което включваме даден таксон в Конспекта, както и начина на включване на таксони, при които има различни виждания за обема им. Отчитайки, че изданието е предназначено не само за професионални ботаници, а за широк кръг читатели, сме подхождали преди всичко от практична гледна точка, предпочитайки познатите в българската ботаническа литература имена или таксономични концепции. Например, род *Centaurea* е разгледан в широк смисъл, включвайки в нейния обем родовете *Cyanus*, *Rhaponticoides* и *Colymbada*. Същото се отнася и за някои видове, напр. *Montia fontana* L. Независимо от това, по номенклатурни причини са възприети над 30 промени в имената на различни видове. Изпълняваният в института по ботаника към БАН проект за изготвяне на синонимен речник на висшите растения в България безспорно е крайно необходим и ще запълни една празнота в българската ботаническа литература.

Що се отнася до съкращенията на авторските имена на растенията, в настоящето издание сме се постарали да следваме стандарта на BRUMMITT & POWEL (1992). Отстранени са някои досадни неточности в изписването на видовите имена, част от тях фигуриращи в някои от основните източници по българската флора.

Както и в предходното издание, херологичната информация е осъвременена с данните от достъпната литература, с резултатите от проверките в българските хербариуми и по собствени непубликувани данни. Общо в Конспекта са отразени около 1500 промени в разпространението на видовете по флористични райони. Те са резултат на обобщаването на данните от 121 публикации, както съвременни, така и някои по-стари работи, данните от които са пренебрегнати в други обобщаващи издания (ALBACH & VLADIMIROV, 2002; ANČEV & POLATSCHEK, 2003; 2006; ASSYOV & VASSILEV, 2004; ATANASOVA & MARINOVA, 2005; BANCHEVA, In press; BANCHEVA & DELCHEVA, 2004; BANCHEVA & GREIHUBER, 2006; BANCHEVA & AL., 2002, 2004; BONDEV & AL., 1967; ČEŠMEDŽIEV, 1977; ČEŠMEDŽIEV & STOJCHEV, 1994; CHERNEVA, 2003; DELIPAVLOV, 2000; DELIPAVLOV & CHESHMEDZHIEV 2003; DENCHEV, 1970; DIMITROV & ASSYOV, 2003; DIMITROV, 2002a, b, c, d, 2004; DIMITROV & PAVLOVA, 2002; DIMITROV & SIDJIMOVA, 2003; DIMITROV, & TSONEV, 2002; DIMITROV, & VUTOV, 2004, 2006; DIMOVA & VLADIMIROV, 2006; DIMOVA & AL. 2002; FILIPOVA-MARINOVA, & PETROVA, A. S., 2003; GANCHEV, & DENCHEV, 1965, 1967, 1971; GANCHEV, & KOČHEV, 1963, 1968; GEORGIEVA, 2000; GERASIMOVA & AL., 2003; GORANOVA, & VASSILEV, in press; GROZEVA, & GEORGIEVA, 2004; GROZEVA, & AL., 2004; GUSSEV & AL., 2005; HÁJEK & AL., 2005; IVANOVA, 1997, 1999, 2004; IVANOVA, & AL. 2005; JORDANOV, 1966; JORDANOV & KOČHEV, 1973; JORDANOV & AL, 1965a, 1965b, 1974; KIRSCHNER, 1991, 1992; KOSTADINOVA & DIMITROV, 2002; MEYER, 1985; MILANOVA, & GUSSEV, 2002; PANOVA, 1972, 1996; PAVLOVA, 2004, 2006; PAVLOVA, & TOSHEVA, 2002; PAVLOVA, & AL, 2006; PEDASHENKO, submitted; PEEV & VASILEV, 1972; PETROVA, A., 2000; PETROVA, A. S., 2004a, b, c, 2005, 2006; PETROVA, A. S. & AL., 1998, 2004, 2006; PETROVA, A. S. & AL., submitted; PETROVA, A. S. & AL, in prep.; RADKOV, 2003; RADOSLAVOVA, 2002; SAVCHEV, 1969; Sopotlieva & Petrova, 2001, 2002; STAFANOV &

BUNKOV, 1971; STANEV, 1969; STANEV, 1970; STANEV, 1971, 1979a, 1979b, 2005; STOEVA, & POPOVA, 1993; STOEVA & AL 2005; STOYANOV, K., 2005; STOYANOV, S., 2004; S., 2005; ŠUMBEROVA, & AL., 2004; TASHEV, 2003; TOSHEVA, & PAVLOVA, 2003; TOSHEVA, 2004; 2005; TRIFONOV, 2005; TSONEV, In press; TSVETANOV & AL.; in press; TZONEV, & ŠUMBEROVÁ, 2004; UZUNOVA & UZUNOV, 2005; VALEV, 1963; 1968; VASSILEVA & VIHODCEVSKY, 1974; VELCHEV & BONDEV, 1964, 1965, 1975; VELČEV & VASSILEV, 1969, 1971, 2002b; VELCHEV & AL., 1968; VELCHEV & AL., 1973; VIHODCEVSKY, 1963, 1968, 1977; VLADIMIROV, 2001, 2006; VUTOV & DIMITROV, 2002; ZAHARIEV, & GENOVA, 2004[2005]; ŽUKOWSKI, 1993 и т.н.).

При отделни видове промените в разпространението са значителни, напр. при *Carex panicea* L. (ASSYOV & VASSILEV, 2004; PETROVA, A. S., 2005; PETROVA, A. S. & AL., submitted), *Eleocharis uniglumis* (Link) Schultes (HÁJEK & AL. 2005; PETROVA, A. S., 2005), *Scabiosa argentea* L. (ASSYOV & VASSILEV, 2004; PETROVA, A. S., 2005; PETROVA, A. S. & AL., submitted) и др. Понякога целенасочените проучвания показват, че видове считани за редки, в действителност са доста широко разпространение в страната. Такива са *Buglossoides glandulosa* (Velen.) R. Fern. (KIRYAKOV & PETROVA, A., 2003), *Thesium linophyllum* L. (PETROVA, A. S., ASSYOV, VASSILEVA & GORANOVA, in prep.) и др. Пример за прецизно отразяване на хорологията са работите на IVANOVA (2004), STOYANOV, K. (2005) и др.

Най-голям брой са съобщенията за флорен район Стара планина (над 200), което е свързано преди всичко с публикацията на GROZEVA & AL. (2004), на DIMITROV, 2005; PETROVA, A. S., 2004a, както и някои по-стари работи (GANCHEV & DENCHEV, 1965, 1967, 1971) и др. Значителен е броят на новите записи за Родопите, общо около 150 за трите подрайона (BANCHEVA & AL., 2004; PAVLOVA, 2004; PETROVA, A. S., 2004c, 2005; PETROVA, A. S. & AL., 2004, 2006 и др.). На трето място се нарежда Средна гора, за където има голям брой нови съобщения и по-стари публикации от редица автори (ASSYOV & VASSILEV, 2004; DIMITROV, 2002; PEDASHENKO, submitted; PETROVA, A. S., 2004b; STANEV, 1979a; VELČEV & VASSILEV, 2002, и др.). Родове, за които има значителен брой нови данни са *Achillea*, *Carex*, *Centaurea*, *Cerastium*, *Silene*.

Натрупаният опит от трите издания на Конспекта ни убеждава в необходимостта от поддържане на съвременна и достъпна база от данни за състава на флората на България и хорологията на видовете. Така ще се избегнат случаите на неколkokратно публикуване на “нови” за страната и отделни райони видове. Впечатляващ в това отношение е случаят с *Bellevalia sarmatica* (Pall. ex Georgi) Woronov, публикувана последователно от PRODAN (1939), KITANOV & AL. (1980), BERG & AL. (1989) и DELIPAVLOV (1998). Аналогично, *Knautia degenii* Borb. ex Form., е съобщена от KRÁL (1983), GUSSEV (1998) и DELIPAVLOV & ČEŠMEDŽIEV (1998). Тук могат да се добавят още *Carex caespitosa* L. (JORDANOV & al., 1974; STOEVA & AL., 2005). Нерядко интересни флористични данни остават “скрити” в кариологични проучвания, напр. *Carex elata* All. (STOEVA, 1994), *Sesleria robusta* Schott, Nym. & Kotschy (PETROVA, A., 2000).

Осмислянето на този значителен фактологичен материал за флората на България ни навежда на някои обобщения, които бихме желали да споделим. Освен традиционно сложните в таксономично отношение родове (напр. *Rosa*, *Rubus* и др.), се очертават родове, в които изглежда е необходима

задълбочена работа за изясняване на състава им в българската флора (*Cerastium, Colchicum, Dactylorhiza, Dianthus, Epipactis, Gagea, Ornithogalum, Orobanche, Scilla, Sesleria, Viola*). Многобройни са също така и родовете, в които редица видове се нуждаят от изясняване на актуалното разпространение в страната – *Aegilops, Agrostis, Arum, Bromus, Carex, Elymus, Euphorbia, Festuca, Iris, Phleum*).

Благодарности

Работата по Конспекта се оказва трудоемка и трудна задача, която надали била успешна в кратките срокове, ако не бе съдействието на много колеги и приятели. Преди всичко нашите сърдечни благодарности на д-р Анна Петрова за предоставените публикации и данни, за изключителната отзивчивост към многобройните ни и разностранни въпроси. Благодарим за предоставената информация, публикации и консултации на колегите Чавдар Гусев, Владимир Владимиров, проф. Илия Чешмеджиев, проф. Минчо Анчев, д-р Светлана Банчева, Стоян Стоянов, д-р Росен Цонев, Валя Горанова, Христо Педашенко. Специални благодарности за предоставените данни и критичните бележки дължим също така на Даниела Иванова върху папратовидните растения и на Анита Тошева върху род *Lathyrus*. Благодарим на кураторите на хербариумите на Института по ботаника, БАН (SOM), Софийски университет „Св. Климент Охридски“ (SO) и Аграрния университет, Пловдив (SOA) за любезността и оказаното съдействие. Накрая, но не на последно място използваме възможността да изкажем своята благодарност на институциите, в които работим, за създадените условия за ползотворна работа. Новата информация в Конспекта е резултат и на дългогодишна работа в различни краища на страната. Благодарим на всички колеги и приятели, с които сме работили съвместно на терена.

FOREWORD TO THE THIRD EDITION

The species diversity of an individual territory is a dynamic figure depending on the emergence of new species and the extinction of others. The species lists regarding specific territory (Flora, Conspectus) change because of the species diversity changes, but also as a result of introduction of more contemporary taxonomic concepts and ideas. In the beginning of 2006, when it became clear that the second edition of the Conspectus (2002) was almost completely out of print, the above considerations brought to the logical solution of preparing a new edition.

Despite of the short period since the printing out of the second edition this time was dedicated to extensive studies of the Bulgarian flora. A number of projects have just been finalized or have been on-going. Part of them involve intensive field work, covering the whole territory of the country. The Institute of Botany at the Bulgarian Academy of Sciences has hosted some of these projects: “Biodiversity of the Flora and the Vegetation of the Rhodopes” (2001–2003), “Study of the Grass Communities in Bulgaria” (2002–2004), “Evaluation of the potential Important Plant Areas Bulgaria” (2003–2005), “Red Lists of plants and fungi” (2003–2005), “Red Data Book of Bulgaria, Volume I Plants and Fungi” (2004–2007), “Evaluation of the Alien to the Bulgarian Flora and Mycota Species” (2005–2007). The studies concerned with the elaboration of management plans for protected areas, including spacious ones like the National and Nature Parks (Central Balkan, Rila, Pirin, Vitosha, Strandja, Sinite Kamani, Rila Monastery, Rusenski Lom), as well as these of a number of nature reserves, have enriched the chorological information on a number of species. The projects aiming at the establishment of the NATURA 2000 network in Bulgaria have also contributed.

Extremely important for clarifying the Bulgarian flora composition have also been the biosystematic studies amongst which during the last years especially noticeable have been these concerned with the fern plants, as well as with the families *Asteraceae* (genera *Achillea*, *Centaurea*, *Hieracium*, *Crepis*), *Brassicaceae*, *Campanulaceae*, *Fabaceae* of the flowering plants.

Being directly dependent of the studies intensity, a number of publications on the Bulgarian flora have been issued during this period. An extensive review of the studies and the publications during the period 1993–2004 have provided PETROVA, A. & AL. (2005). In 2003 Field Guide to the Plants in Bulgaria (DELIPAVLOV & ČEŠMEDŽIEV, 2003) has been published, which includes 3,800 wild and 530 introduced and cultivated species.

The present third edition of the Conspectus includes a total of 3,997 vascular plant species, which number exceeds by 147 the number of species included in the previous edition. Substantial difference makes the inclusion of species the occurrence of which in the Bulgarian flora is probable but not confirmed yet. Justification for including most of them (26 species) in the present Conspectus provides the fact they are mentioned under question in The Vascular Plants Guide Book (KOZHUHAROV, 1992). The inclusion of the other species is justified by different papers and publications (ANČEV, 2001; ERBEN, 2002; FRÖHNER, 1997,

etc.). In the cases when a species is supposed to occur in a specific region, it is indicated by a question mark (“?”) on the region (regions). When the occurrence of the species in Bulgaria is supposed without indications for a specific region the question mark is posed on the map of the whole country.

The new for the science species described in the country in this period include *Alyssum orbelicum* Ančev & Uzunov (ANČEV & UZUNOV, 2002), *Bolboschoenus platycarpus* Marhold, Hroudová, Ducháčec & Záknavský (MARHOLD & AL., 2004), *Festuca achtarovii* Velčev & Vassilev, *F. calcarea* Velčev ex Denchev, *F. maleschevica* Velčev & Vassilev, *F. staroplaninica* Velčev, *F. vandovii* Velčev ex Denchev, (DENCHEV, 2004; VELČEV, 2002; VELČEV & VASSILEV 2002a), *Hieracium kittaniae* Vladimir., *H. petrovae* Vladimir. & Szelag (VLADIMIROV, 2003a; VLADIMIROV & SZELAG, 2006), *Vicia jordanovii* Velčev (VELČEV, 2002).

A number of species described for Bulgaria before 2002 that have not been covered by the previous edition have also been added. Such are: *Alchemilla sirjaevii* Ploček (PLOCHEK, 1983), *Bromus orbelicus* (Velen.) Petrova, Kožucharov & Ehrend. (PETROVA, A. & AL., 1997), *Bromus parilicus* Petrova, Kožucharov & Ehrend. (PETROVA, A. & AL., 1997), *Carex riloensis* Stoeva & Popova (STOEVA & POPOVA, 1993), *Myosotis margaritae* Štěpánková (ŠTĚPÁNKOVÁ, 1993). The number of species included for the first time in the Conspectus belonging to the *Taraxacum* genus is impressive – a total of 43. Among them are 20 species described from Bulgaria (DOLL, 1978; KIRSCHNER & ŠTĚPÁNEK 1993, 1998). In the light of the changes that have occurred in the taxonomic concept of this genus, the status of some of these species (DOLL, 1978) could become a subject of a future critical review.

The new to the country species and the ones that are not covered by the previous edition of the Conspectus are: *Achillea asplenifolia* Vent., *Arabis ciliata* Clairv., *Bulpeurum ranunculoides* L., *Carex caespitosa* L., *C. elata* All., *C. hartmanii* Cajander, *C. lasiocarpa* Ehrh., *Centaureum littorale* (Turn.) Gilman., *Cerastium tenoreanum* Ser., *Clypeola microcarpa* Moris, *Crocus pallidus* Kitanov & Drenkovsky, *Dryopteris affinis* (Lowe) Fraser-Jenk., *Epipactis gracilis* B. & H. Baumann, *E. greuteri* H. Baumann & Künkele, *E. leptochila* (Godgery) Godfery, *E. pontica* Taubenheim, *Equisetum* × *moorei* Newman, *Geranium aristatum* Freyn. & Sint., *Gymnadenia densiflora* (Wahlenb.) A. Dietr., *Lathyrus filiformis* (Lam.) Gay, *Leontodon saxatilis* Lam., *L. tuberosus* L., *Linaria angustissima* (Loisel) Borbás, *Luzula divulgata* Kirshner, *L. falax* Kirschner, *Myosotis michaelae* Štěpánková, *Ophrys reinholdii* Spruner ex Fleishm., *Polycarpon diphyllum* Cav., *Polypodium interjectum* Shivas, *P.* × *mantoniae* Rothm., *Quercus trojana* Webb., *Rumex confertus* Willd., *Sagittaria latifolia* Willd., *Sesleria argentea* (Savi) Savi, *S. autumnalis* (Scop.) F.W. Schultz, *S. robusta* Schott, Nym. & Kotschy, *S. filifolia* Hoppe, *S. uliginosa* Opiz, *Thesium procumbens* C.A. Mey, *Thlaspi viridisepalum* (Podp.) Greuter & Burdet, *Thymelaea gussonei* Boreau, *Tragopogon floccosus* Waldst. & Kit., *Vulpia fasciculata* (Forssk.) Samp. (ANČEV, 2001; BERGMAN & AL., 2004; DELIPAVLOV, 2000; DELIPAVLOV & ČEŠMEDŽIEV, 2003; DIMITROVA & AL., 2005; GUSSEV & AL., 2005; HÁJEK & AL., 2005; HENDRYCH, 1994; IVANOVA, 2004; IVANOVA, in press; JORDANOV & AL., 1974; KIRSCHNER, 1991; KITANOV & AL., 1977;

KOSTADINOVA & DIMITROV, 2002; KRÁL 1988, LATOWSKI, 1993; PETROVA, A. 2000; PETROVA, A., in press; PETROVA, A. & AL., 2005; PETROVA, A. S. & VENKOVA, 2006; PETROVA, A. S. & VENKOVA, in press; PETROVA, A. S. & VENKOVA, submitted; PLOCHEK, 1983; SAUKEL & AL., 2003; ŠTĚPÁNKOVÁ, 1994b; STOEVA, 1994; STOEVA & AL., 2005; STOYANOV, 2004; TOSHEVA, 2005; VELČEV & VASSILEV, 2002b; VLADIMIROV & DIMITROVA, 2006; VLADIMIROV & TSONEVA, 2006).

The new edition of the Atlas of the Endemic Plants in Bulgaria has been elaborated in parallel with the Conspectus (PETROVA, A., 2006). The list of the Bulgarian endemic species included in the Atlas (PETROVA, A. & VELČEV, 2006) contains species, which are presented as intraspecific taxa in some of the general publications on the Bulgarian flora and being such, have not been included in the previous edition of the Conspectus. Such are: *Alchemilla damianicensis* Pawł., *Centaurea kamciensis* Kočev & Gančev, *Colchicum rhodopaeum* Kov., *Hieracium asenovgradense* Jasiewicz & Pawł., *H. ferdinandii-regis* Zahn, *Jurinea bulgarica* Velen.

As already noted in the second edition we have in general restrained from making taxonomic decisions and have reflected the taxa validly published for the country. Sometimes this has been in contradiction with our perceptions. DELIPAVLOV (1998) has published *Oenothera bulgarica* Delip. from the Southern Struma Valley as a new species for the science. VELČEV & VASSILEV (2002b) have published *O. stricta* Ledeb. ex Link from the same region. The same taxon is most probably concerned in this case. Given that the genus *Oenothera* is American the describing of new species for localities outside their native range of distribution does not seem to be a good decision.

Resulting from the biosystematic studies, the species status of a number of species belonging to the *Centaurea* genus has been confirmed (BANCHEVA, 1999; BANCHEVA & RAIMONDO, 2003; BANCHEVA & GREILHUBER, 2006). Substantial and of different character have also been the changes concerning the *Brassicaceae* family (ANČEV, 1997, 2001; ANČEV & GORANOVA, 2006; ANČEV & POLATSCHKEK, 1998, 2003, 2006; ANČEV & TOMŠOVIC, 1999). Significant are also the changes resulting from the comprehensive study of *Achillea* genus in Bulgaria (NEDELICHEVA, 1998; SAUKEL & AL., 2003).

Compared to the 2002 Conspectus 20 taxa have been excluded from the Bulgarian flora. In some cases this concerns species that have been reported for the country by mistake, for example. *Ophrys argolica* H. Fleischman (BERGMAN & AL., 2004; TSVETANOV & AL., in press). Similar is the case with *Campanula trichocalycina* Ten., wrongly reported for the country instead of *Asyneuma pichleri* (Vis.) Lakušić & P. Conti (LAKUŠIĆ & CONTI, 2004). Following the critical review of the status five species have been excluded from *Rosa* genus (ZIELIŃSKI & AL., 2004).

The issue with the introduction of anthropophytes in the flora is extremely important now-a-days (PETROVA, A. & VLADIMIROV, 2002). The following have been registered for the first time in the country: *Fallopia* × *bohemia* (Chrtek & Chrtekova) J. P. Baylei, *Helianthus tuberosus* L., *Solidago gigantea* Ait., *Bidens frondosa* L., *Sycios angulatus* L., *Parthenocissus quinquefolia* (L.) Planch.

(PETROVA, A. S., 2006; ŠUMBEROVA & AL., 2004; TZONEV, 2005; VLADIMIROV, 2003, 2006). The authors judgments have justified the inclusion of some other adventive species in the previous edition – *Armoracia rusticana* (Lam.) P. Gaertn., *Fraxinus americana* L., *F. pensylvanica* H. Marshall, *Gleditsia triacanthos* L., *Opuntia tortispina* Engel, *O. vulgaris* Mill. (= *O. compressa* (Salisb.) Macbr.), *Robinia pseudoacacia* L.

Given that our interests as botanists are especially concerned with the floristic studies, the philosophy of the Conspectus is to present in a visual manner the species distribution in the country and to facilitate its clarifying. In this relation, the design accepted for the previous editions is also kept in the current one. However, it has imposed certain limitations. At first place this is the lack of synonyms, intraspecific taxa and comments. Therefore, in a number of cases it has been especially difficult for us to take decision on the name under which an individual taxon to be included in the Conspectus, as well as on the mode of inclusion of taxa for which volume different visions exist. Considering that the edition is addressing not only the professional botanists but a large range of readers we have tried to be as practical as possible preferring the popular in the Bulgarian botanic literature names or taxonomic concepts. For example, *Centaurea* genus has been discussed in the broad sense, including in its volume also the genera *Cyanus*, *Rhaponticoides* and *Colymbada*. The same refers to some species, for example *Montia fontana* L. Despite of this, more than 30 changes in names of the different species have been accepted for nomenclature reasons. Undoubtedly, the Synonym glossary of the vascular plants in Bulgaria elaborated under a project of The Institute of Botany, BAS is more than needed and will fill an important gap in the Bulgarian botanical literature.

Concerning the abbreviating of the plant author names the present edition has tried to follow the standard of BRUMMITT & POWEL (1992). Some boring inaccuracies in the spelling of the species names have been corrected, although part of them are also present in some of the main sources for the Bulgarian flora.

Similar to the previous edition the chorological information has been updated with information from the available literature, with the results from the review of the Bulgarian herbaria and with our own unpublished data. A total of some 1,500 changes in the species distribution by floristic regions have been reflected in the Conspectus. They result from summarizing the data of the above cited sources as well as other 121 publications, both contemporary and historical, the data of which have been neglected by other summarizing publications (ALBACH & VLADIMIROV, 2002; ANČEV & POLATSCHEK, 2006; ASSYOV & VASSILEV, 2004; ATANASOVA & MARINOVA, 2005; BANCHEVA, in press; BANCHEVA & DELCHEVA, 2004; BANCHEVA & GREILHUBER, 2006; BANCHEVA & AL., 2002, 2004; BONDEV & AL., 1967; CHERNEVA, 2003; ČEŠMEDŽIEV, 1977; ČEŠMEDŽIEV & STOJCHEV, 1994; DELIPAVLOV, 2000; DELIPAVLOV & CHESHMEDZHIEV 2003; DENCHEV, 1970; DIMITROV, 2002a, b, c, d, 2004; 2005, DIMITROV & ASSYOV, 2003; DIMITROV & PAVLOVA, 2002; DIMITROV & SIDJIMOVA, 2003; DIMITROV, & TZONEV, 2002; DIMITROV, & VUTOV, 2004; 2006, DIMOVA & VLADIMIROV, 2006; DIMOVA & AL. 2002; FILIPOVA-MARINOVA, & PETROVA, A. S. 2003; GANCHEV, & DENCHEV, 1965, 1967, 1971; GANCHEV, & KOČEV, 1963,

1968; GEORGIEVA, 2000; GERASIMOVA & AL., 2003; GORANOVA, & VASSILEV, in press; GROZEVA, & GEORGIEVA, 2004; GROZEVA, & AL., 2004; GUSSEV & AL., 2005; HÁJEK & AL., 2005; IVANOVA, 1997, 1999, 2003; IVANOVA, & AL. 2005; JORDANOV, 1966; JORDANOV & KOČEV, 1973; JORDANOV & AL, 1965a, b, 1974; KIRSCHNER, 1991, 1992; KOSTADINOVA & DIMITROV, 2002; MEYER, 1985; MILANOVA, & GUSSEV, 2002; PANOV, 1972, 1996; PAVLOVA, 2004, 2006; PAVLOVA, & TOSHEVA, 2002; PAVLOVA, & AL, 2006; PEDASHENKO, submitted; PEEV & VASILEV, 1972; PETROVA, A. 2000; PETROVA, A. S., 2004a, b, c, 2005, 2006; PETROVA, A. S. & AL., 1998, 2004, 2006; PETROVA, A. S. & AL., submitted; PETROVA, A. S. & AL, in prep.; RADKOV, 2003; RADOSLAVOVA, 2002; SAVCHEV, 1969; SOPOTLIEVA & PETROVA, A. S., 2001, 2002; STEFANOV & BUNKOV, 1971; STANEV, 1969, 1970, 1971, 1979a, b, 2005; STOEVA, & POPOVA, 1993; STOEVA & AL., 2005; STOYANOV, K., 2005; STOYANOV, S., 2004, 2005; ŠUMBEROVA, & AL., 2004; TASHEV, 2003; TOSHEVA, 2004; 2005; TOSHEVA, & PAVLOVA, 2003; TRIFONOV, 2005; TSVETANOV & AL.; in press; TZONEV, & ŠUMBEROVÁ, 2004; TZONEV, in press; UZUNOVA & UZUNOV, 2005; VALEV, 1963; 1968; VASSILEVA & VIHODCEVSKY, 1974; VELČEV & BONDEV, 1964, 1965, 1975; VELČEV & VASSILEV, 1969, 1971, 2002b; VELČEV & AL., 1968, 1973; VIHODCEVSKY, 1963, 1968, 1977; VLADIMIROV, 2001a, 2001b, 2006; VUTOV & DIMITROV, 2002; ZAHARIEV & GENOVA, 2005; ŽUKOWSKI, 1993, etc.).

The changes in the distribution have been significant for individual species, for example *Carex panicea* L. (ASSYOV & VASSILEV, 2004; PETROVA, A. S., 2005; PETROVA, A. S. & AL., submitted), *Eleocharis uniglumis* (Link) Schultes (HÁJEK & AL., 2005; PETROVA, A. S., 2005), *Scabiosa argentea* L. (ASSYOV & VASSILEV, 2004; PETROVA, A. S., 2005; PETROVA, A. S. & AL., submitted) etc. Sometimes the specific studies prove that species regarded as rare have in fact been relatively widely distributed in the country. Such are *Buglossoides glandulosa* (Velen.) R. Fern. (KIRYAKOV & PETROVA, A. 2003), *Thesium linophyllum* L. (PETROVA, A. S., ASSYOV, VASSILEV & GORANOVA, in prep.), etc. Examples of precise reflection of chorology have been the papers of IVANOVA (2003), STOYANOV, K. (2005), etc. The rediscovery of species considered since now extinct from the territory of the country, for example *Astragalus physocalyx* Fisch. (STOYANOV & AL., 2006) should also be noted.

The largest is the number of the floristic entries from Stara Planina (over 200), which are mostly connected with the publications of GROZEVA & AL. (2004) also of DIMITROV, 2005; of PETROVA, A. S., 2004a, as well as some older papers (GANČEV & DENČEV, 1965, 1967, 1971, etc.). The number of the new entries for the Rhodopes is also significant, a total of some 150 for the three sub-regions (BANCHEVA & AL., 2004; PAVLOVA, 2004; PETROVA, A. S., 2004c, 2005; PETROVA, A. S. & AL., 2004, 2006, etc.). The third ranks Sredna Gora, where a large number of new reports and older publications from a number of authors exist (ASSYOV & VASSILEV, 2004; DIMITROV, 2002c; PEDASHENKO, submitted; PETROVA, A. S., 2004b; STANEV, 1979a; VELČEV & VASSILEV, 2002, etc.). The genera for which a substantial volume of new data is present are *Achillea*, *Carex*, *Centaurea*, *Cerastium*, *Silene*.

The experience gained through the three editions of the *Conspectus* has convinced us in the need of maintenance of updated and accessible data base on the Bulgarian flora composition and the species distribution. This will help avoid the cases of repeated publication of “new” to the country and individual regions species. In this respect the case with *Bellevalia sarmatica* (Pall. ex Georgi) Woronov, published consequently by PRODAN (1939), KITANOV & AL. (1977), BERG & AL. (1989) and DELIPAVLOV (1998) is impressive. Analogous is the situation with *Knautia degenii* Borb. ex Form., reported by KRÁL (1983), GUSSEV (1998) and DELIPAVLOV & ČEŠMEDŽIEV (1998). We can also add *Carex caespitosa* L. (JORDANOV & al., 1974; STOEVA & AL., 2005) to this list. Quite often interesting floristic data remain hidden into the karyologic studies for example *Carex elata* All. (STOEVA, 1994), *Sesleria robusta* Schott, Nym. & Kotschy (PETROVA, A., 2000).

The comprehension of this substantial factual data on the flora of Bulgaria inevitably brings to certain generalizations. Besides the genera that are traditionally complex in taxonomic terms (for example *Hieracium*, *Rosa*, *Rubus*, *Taraxacum*, etc.), genera emerge which need in-depth exploration to clarify their composition in the Bulgarian flora (*Cerastium*, *Colchicum*, *Dactylorhiza*, *Dianthus*, *Epipactis*, *Gagea*, *Ornithogalum*, *Orobanche*, *Scilla*, *Sesleria*, *Viola*). The genera in which a number of species need actual distribution clarifying are also numerous (*Aegilops*, *Agrostis*, *Arum*, *Bromus*, *Carex*, *Elymus*, *Euphorbia*, *Festuca*, *Iris*, *Phleum*).

Acknowledgements

The elaboration of the *Conspectus* turned out to be a laborious and complex task, which would hardly be successfully accomplished without the cooperation of many colleagues and friends. First of all we wish to cordially thank Ana Petrova, Ph.D. for the publications and data made available, for the readiness to discuss our numerous and diverse questions. We thank for the information, publications and consultations offered by the colleagues Čavdar Gussev, Vladimir Vladimirov, Prof. Iliya Češmedžiev, Prof. Minčo Ančev, Svetlana Bantcheva Ph.D., Stoyan Stoyanov, Rossen Tzonev Ph.D., Valya Goranova, Hristo Pedashenko. Our special thanks for the data provided and the critical comments also go to Daniela Ivanova (on the ferns) and Anita Tosheva (on *Lathyrus* genus). We also thank to the curators of herbaria of the Institute of Botany, BAS (SOM), University of Sofia „St. Kliment Ohridski” (SO) and the Agrarian University in Plovdiv (SOA) for the kind cooperation. Last but not least we use the opportunity to tanks to the institutions in which we work for the favorable conditions for fruitful work. The new information in the *Conspectus* is a result of many years of botanical studies in different parts of the country. We thank all friend and colleagues with whom we worked together in the field.

ПРЕДГОВОР КЪМ ВТОРОТО ИЗДАНИЕ

Въпреки своята неголяма територия България разполага с твърде богата и разнообразна флора, обусловена от срединното географско положение на страната, нейния разнообразен ландшафт и превратната геоложка история на нейните земи. Тук се срещат над 3800 вида висши растения (без мъховете), което представлява над половината от общото видово богатство на Балканския полуостров. На този фон в българската флора се развива богат ендемичен елемент, включващ както балкански, така и български ендемити, съставляващи около 8% от растителното богатство на страната (VELCHEV & AL., 1992).

Хорологични данни

Българската флора понастоящем се смята за сравнително добре проучена във флористично отношение (PEEV & AL., 1993). Активните изследвания през последните години, довели до натрупването на голямо количество данни (cf. PETROVA, A., 2001), дават обаче основания да се каже, че процесът все още не е завършил. Разпознаването и описването на нови за науката таксони, в т.ч. и с видов ранг, е рядко събитие (ANČEV & POLATSCHEK, 1998; ČEŠMEDŽIEV, 1997; DELIPAVLOV, 1990, 1998; ERBEN, 1989; PANOV, 1996; PAVLOVA & AL., 1999; SZELAG, 2001). В резултат на таксономични проучвания се потвърждава стойността на таксони, пренебрегвани от чуждестранните изследователи (MARHOLD & ANČEV, 1999) или се коригират схващанията за видовата принадлежност на представители на българската флора (DELIPAVLOV, 1987; PAVLOVA & KOZHUAROV, 1994).

С настоящия Конспект се цели натрупаната информация да стане достъпна за по-широк кръг ботаници и любители. При неговото съставяне за таксономична база е възприет Определител на висшите растения в България (KOZHUAROV, 1992), като са внесени необходимите допълнения. Изключение е направено за семейство *Orchidaceae* (по PETROVA, A. S. & AL., ined.) и родовете *Allium* L. (по Чешмеджиев в DELIPAVLOV, 1992a, 413–418 pp.), *Verbascum* L. (по Стефанова-Гатева в JORDANOV, 1995, 26–30 pp.), *Linaria* L. (по Делипавлов & Попова в JORDANOV, 1995, 111–124 pp.), както и за някои родове от семейство *Brassicaceae* (по ANČEV, 2001). Използвана е многотомната академична “Флора на Република България” (JORDANOV, 1964–1995). Описаните от различни автори нови за науката таксони са възприети така, както са били публикувани, като съставителите са се въздържали да вземат отношение по техния статус (с изключение на видовете, описани от GEORGIEV, D., 1997, при чието обнародване авторът не е спазил правилата на Международния кодекс за ботаническа номенклатура).

Включени са новосъобщените или потвърдени за България видове, отнасящи се понякога към нови за страната родове и дори семейства (ANČEV & GORANOVA, 1997; BANCHEVA & DENCHEV, 2000; BERG & AL., 1989; ČEŠMEDŽIEV, 1988; DELIPAVLOV, 1980, 1990, 1992b, 1998, 1999; DELIPAVLOV & ČEŠMEDŽIEV, 1984a, b, 1989; DELIPAVLOV & STOJCHEV, 1994; DENEVA & LJUBENOVA, 1996; DIMITROV, 1997, 1998; DIMITROV & DENCHEV, 1999; DIMITROV & LAZAROV, 2001;

DIMITROV & AL., 1997, 2001; GERASIMOVA & AL., 1998; GUSSEV, 1997; GUSSEV & DIMITROV, 1997; GUSSEV & AL., 1997; GUSSEV, DENCHEV & AL., 1998; GUSSEV, UZUNOV & AL., 1998; KITANOV & AL., 1987; KOČEVA & DIMITROV, 1997; LINDING & LINDING, 1991; MARKOVA & ČERNEVA, 1984; NIKETIČ, 2000; PASHALIEV & DIMITROV, 1994; PAVLOVA & KOZHUNAROV, 1994; PAVLOVA & AL., 1997, 2000; PETROVA, A. S. & AL., 1998; ROUSSAKOVA, 1995, 1996; SIERING & HENNING, 1989a, b, c; STOEVA, 1991; STOJANOV, S., 1998; TAN & VLADIMIROV, 2001; TASHEV, 2002; VELCHEV & AL., 1989; ZIELINSKI, 1992).

Отразени са резултатите от ревизиите на българските представители на родовете *Avena* L. (DELIPAVLOV, 1999) и *Crataegus* L. (cf. ZIELINSKI & AL., 2001), както и някои данни от дисертационните разработки върху род *Achillea* L. секция *Filipendulinae* (NEDELČEVA, 1998) и род *Centaurea* L. секции *Cyanus* и *Lepteranthus* (BANCHEVA, 1999).

Хорологичната информация, представена в Конспекта, е актуализирана с достъпните новопубликувани съобщения за разпространението на отделни видове в страната (APOSTOLOVA & DENCHEV, 1997; BONDEV & LJUBENOVA, 1984; ČERNEVA, 1997; ČEŠMEDŽIEV & VODENICHAROV, 1998; ČEŠMEDŽIEV & AL., 1998; DELIPAVLOV, 1988, 1990, 1992b, 1998; DELIPAVLOV & ČEŠMEDŽIEV, 1984a, b, 1989, 1997; DELIPAVLOV & STOJČEV, 1994; DELIPAVLOV & AL., 1984; DENCHEV & AL., 1997, 2000; DIMITROV, 1988, 1990, 1991, 1994a, b, 1995, 2002; DIMITROV & DENCHEV, 1997, 1999; DIMITROV & GEORGIEV, 1999; DIMITROV & GUSSEV, 1994; DIMITROV & LAZAROV, 2001; DIMITROV & NIKOLOV, 1998; DIMITROV & PAVLOVA, 2000; DIMITROV & VUTOV, 2000; GEORGIEV, V., 1997; GUSSEV & NOVOSELSKI, 1997; GUSSEV & AL., 1997, 1998a, b; KITANOV & AL., 1987; KOČEVA & DIMITROV, 1994; MESHINEV & AL., 2000; NEDELČEVA, 1998; NYAGOLOV & AL., 2001; PASHALIEV & DIMITROV, 1994; PASHALIEV, 1995; PAVLOVA & NEDELČEVA, 2001; PAVLOVA & AL., 1997; PETROVA, A. S. & AL., 1998, 1999, 2001; SOPOTLIEVA & PETROVA, A. S., 2001; STOJANOV & GEORGIEV, 2001; TASHEV, 2001; TZONEV, 1997, 2000; UZUNOV, 1997; UZUNOV & AL., 1998; VLADIMIROV, 2001a, b; VLADIMIROV & KOZHUNAROV, 1999; VUTOV & DIMITROV, 2000a, b; ZHELEV & GOGUSHEV, 2000). Отразени са сведенията, получени от проучванията в рамките на Българо-Швейцарската програма за опазване на биоразнообразието (1994–2000), както и резултатите от ревизиите на хербарните колекции на Софийския университет (SO) и Висшия селско-стопански институт – гр. Пловдив (SOA, IAP). Използвани са също така и няколко по-стари съобщения и ревизии, по една или друга причина останали неотразени в основните литературни източници (BONDEV & AL., 1976, 1979; BROWICZ & ZIELINSKI, 1977; GANCHEV & DENCHEV., 1971; GANCHEV & KOČEV, 1963, 1968; HINKOVA, 1960; JORDANOV & MARKOVA, 1970; JORDANOV & AL., 1965, 1968; PANOV, 1975a, b, c, 1978; STOJANOV, N., 1965; VELCHEV & AL., 1966).

Отпадат от състава на българската флора *Achillea biebersteinii* Afan. (по NEDELČEVA, 1998), *Astragalus fraxinifolius* DC. (PAVLOVA & KOZHUNAROV, 1994) и *Celtis caucasica* Willd. (BROWICZ & ZIELINSKI, 1977), тъй като съобщенията за тях се базират на погрешно определени материали. Дискусионен е въпросът за намирането у нас на *Adenophora liliifolia* (L.) DC., *Aruncus dioicus* (Walter) Fernald, *Dactylorhiza majalis* (Reichenb.) P. F. Hunt et Summerhayes, *Globularia trichosantha* Fisch. et C. A. Meyer, *Teucrium botrys* L. и др., от които в

българските хербариуми няма съхранени образци; поради това тези видове не са включени в Конспекта.

Потвърдено е разпространението на *Aldrovanda vesiculosa* L. (BAEVA, 1992), *Carex rupestris* Bell. ex All., *Hammarbia paludosa* (L.) O. Kuntze (VODENICHAROV & VASSILEV, 1999), *Lathyrus pančičii* (Juris.) Adam. (PETROVA, A. S., APOSTOLOVA & GEORGIEV, in prep.) и *Viola pumila* Chaix (ANDREEV, 1993), считани доскоро за изчезнали от нашата флора. Присъствието в България на видове като *Ammania verticillata* (Ard.) Lam., *Angelica archangelica* L., *Astragalus cornutus* Pallas, *Caldesia parnassifolia* (Bassi) Parl., *Hypericum setiferum* Stefanov, *Liparis loeselii* (L.) L. C. Richard, *Salix rosmarinifolia* L., *Tetragonolobus maritimus* (L.) Roth, *Theligonum cynocrambe* L. в наши дни е несигурно (VELCHEV, 1984), но те остават част от българската флора. Това важи и за *Arnica montana* L., идентифицирана по хербарни материали от Д. Димитров по време на работата по изготвянето на Конспекта.

В Конспекта са включени непубликувани до момента данни за разпространението на някои нови или потвърдени за страната видове. Подробна информация за тези находки ще бъде съобщена другаде (DIMITROV & ASSYOV, submitted; DIMITROV & SIDJIMOVA, submitted; KOSTADINOVA & DIMITROV, submitted; TZONEV & ZIELNSKI, accepted; PETROVA, A. S. & AL., ined., DIMITROV, ined.).

Известните за българската флора хибридни комбинации не са отразени в това издание. Обстоен преглед на хибридите при българските висши растения е направен от ANČEV (1984).

Разпространението на отделните видове следва възприетата във “Флора на НР България” (JORDANOV, 1966) фитогеографска подялба, тъй като това осигурява лесна връзка между Конспекта и предишни флористични издания. Надморските височини за по-голямата част от видовете са посочени по КОЗНУНАРОВ (1992). Корекции има за видовете, за които в цитираната литература има посочени различни данни за горната или долната граница на вертикално разпространение, и в случаите, когато съставителите имат лични конкретни наблюдения.

Защитените видове са отбелязани на основата на списъка в Приложение 3 на Проектозакона за опазване на биоразнообразието, който е в процес на приемане от Народното събрание на Република България.

Флорни елементи

Флорен елемент е група от видове, произлизащи от един и същ флорен район. Географското положение на България обуславя значително разнообразие на флорни елементи. Долините на реките Струма, Места, Марица и Арда, както и южните части на Черноморското крайбрежие са пътища за навлизането в българската флора на множество средиземноморски елементи. Някои от тях достигат на север до южните склонове на старопланинската верига, където на места се формират медитерански оазиси. Уникална по своя характер е флората на Странджа планина, с наличието в нея на реликтни евксински видове. От югоизток в нашата флора проникват някои предноазиатски елементи, а в североизточна посока тя се обогатява и с понтийски видове, характерни за степите на Северното

Черноморие и Каспийско море. От северозапад старопланинската верига е важен път за навлизането на алпо-карпатски геоеlementи, а в югозападна посока, по планинските масиви на Осоговска планина, Влахина, Огражден и Пирин, развитие получава и скардо-пиндският ендемичен флорен елемент. Отделна група са настанилите се у нас в резултат на човешка дейност чуждоземни видове, които в това издание са означени като адвентивни, независимо от времето и начина на пристигането им (виж PETROVA, A. & VLADIMIROV, 2001).

В настоящия Конспект отнасянето на видовете към даден флорен елемент е направено по класификацията на Walter, с някои изменения и допълнения.

Благодарност

Съставителите изразяват своята благодарност на д-р Пиер Галан и на проф. Илия Чешмеджиев за техните критични бележки върху цялото издание, на д-р Теню Мешинев и д-р Ива Апостолова за техните ценни съвети при подготовката на изданието, на колегата Росен Цонев за предоставените непубликувани данни, както и на техническите сътрудници Пламен Стоянов, Владимир Трифонов и Звезделина Стоянова за прецизната им работа по изданието. Авторите дължат особена благодарност на Българо-Швейцарската програма за опазване на биоразнообразието и на Про Натура – Швейцария за оказаната финансова подкрепа.

В изданието вероятно могат да бъдат открити пропуски и неточности. На всички, които чрез своите критични бележки ще спомогнат те да бъдат отстранени, съставителите изказват предварително своята благодарност. Коментари, забележки и нови хорологични данни са очаквани на електронните адреси на авторите.

INTRODUCTION TO THE SECOND EDITION

In spite of the its small territory Bulgaria boasts of quite rich and diverse flora, which is due to the medial geographic location of the country, its varied landscape and the turns in its geological history of its lands. More than 3800 higher plants species (without the mosses), which is more than half of the flora on the Balkan peninsula, occur there. On this background the Bulgarian flora features a rich endemic component including both Balkan and Bulgarian endemic species, which constitute about 8% of the country's flora (VELCHEV & AL., 1992).

Plant distribution data

Presently the Bulgarian flora is considered to be comparatively well studied in floristic respect (PEEV & AL., 1993). However, the active research in the last few years, which led to the accumulation of quite a big amount of new data (cf. PETROVA, A., 2001), shows that the study process cannot be considered completed. The identifying and describing of taxa new for the science, including such ranking as species, is not an infrequent event (ANČEV & POLATSCHKEK, 1998; ČEŠMEDŽIEV, 1997; DELIPAVLOV, 1990, 1998; ERBEN, 1989; PANOV, 1996; PAVLOVA & AL., 1999; SZELAG, 2001). Taxonomical studies confirm the value of taxa neglected by foreign researchers (MARHOLD & ANČEV, 1999) or correct the understanding of the species affiliation of some elements of the Bulgarian flora (DELIPAVLOV, 1987; PAVLOVA & KOZHUHAROV, 1994).

This Conspectus aims at bringing the existing information to a broader circle of botanists and students. In the compiling of this book the taxonomic basis used by KOZHUHAROV in "Identification guide to the vascular plants in Bulgaria" (1992) has been used with some additions and amendments. Exceptions have been made for the family of *Orchidaceae* (according to PETROVA, A. S. & AL., ined.), for the genera *Allium* L. (according to Češmedžiev in DELIPAVLOV, 1992a, 413–418 pp.), *Verbascum* L. (according to Stefanova-Gateva in JORDANOV, 1995, 26–30 pp.), *Linaria* L. (according to Delipavlov in JORDANOV, 1995, 111–124 pp.), and certain genera of the family of *Brassicaceae* (ANCHEV, 2001). The academic multi-volume work "Flora of the Republic of Bulgaria" (JORDANOV, 1964–1995) has been largely used. The species newly described by different authors have been added the way they have been published and the compilers do not express opinion on their status (except for the species described by GEORGIEV, D., 1997, published by the author contrary to the rules of the International Code for Botanical Nomenclature).

New plant species for the Bulgarian flora reported or confirmed recently, sometimes belonging to genera and even families new for the country, are also included in the Conspectus (ANČEV & GORANOVA, 1997; BANCHEVA & DENCHEV, 2000; BERG & AL., 1989; ČEŠMEDŽIEV, 1988; DELIPAVLOV, 1980, 1990, 1992b, 1998, 1999; DELIPAVLOV & ČEŠMEDŽIEV, 1984a, b, 1989; DELIPAVLOV & STOJCHEV, 1994; DENEVA & LJUBENOVA, 1996; DIMITROV, 1997, 1998; DIMITROV & DENCHEV, 1999;

DIMITROV & LAZAROV, 2001; DIMITROV & AL., 1997, 2001; GERASIMOVA & AL., 1998; GUSSEV, 1997; GUSSEV & DIMITROV, 1997; GUSSEV & AL., 1997; GUSSEV, DENCHEV & AL., 1998; GUSSEV, UZUNOV & AL., 1998; KITANOV & AL., 1987; KOICHEVA & DIMITROV, 1997; LINDING & LINDING, 1991; MARKOVA & ČERNEVA, 1984; NIKETIČ, 2000; PASHALIEV & DIMITROV, 1994; PAVLOVA & KOZHUHAROV, 1994; PAVLOVA & AL., 1997, 2000; PETROVA, A. S., & AL., 1998; ROUSSAKOVA, 1995, 1996; SIERING & HENNING, 1989a, b, c; STOEVA, 1991; STOJANOV, S., 1998; TAN & VLADIMIROV, 2001; TASHEV, 2002; VELCHEV & AL., 1989; ZIELINSKI, 1992).

The results of the revisions of the Bulgarian representatives of genera *Avena* L. (DELIPAVLOV, 1999) and *Crataegus* L. (cf. ZIELINSKI & AL., 2001) have been taken into account, as well as data from works on genus *Achillea* L. section *Filipendulinae* (NEDELICHEVA, 1998) and genus *Centaurea* L. sections *Cyanus* and *Lepteranthus* (BANICHEVA, 1999).

The data, concerning the distribution of the species throughout the country have been updated with a review of the newly published articles on the Bulgarian flora (APOSTOLOVA & DENCHEV, 1997; BONDEV & LJUBENOVA, 1984; ČERNEVA, 1997; ČEŠMEDŽIEV & VODENICHAROV, 1998; ČEŠMEDŽIEV & AL., 1998; DELIPAVLOV, 1988, 1990, 1992b, 1998; DELIPAVLOV & ČEŠMEDŽIEV, 1984a, b, 1989, 1997; DELIPAVLOV & STOJCHEV, 1994; DELIPAVLOV & AL., 1984; DENCHEV & AL., 1997, 2000; DIMITROV, 1988, 1990, 1991, 1994a, b, 1995, 2002; DIMITROV & DENCHEV, 1997, 1999; DIMITROV & GEORGIEV, 1999; DIMITROV & GUSSEV, 1994; DIMITROV & LAZAROV, 2001; DIMITROV & NIKOLOV, 1998; DIMITROV & PAVLOVA, 2000; DIMITROV & VUTOV, 2000; GEORGIEV, V., 1997; GUSSEV & NOVOSELSKI, 1997; GUSSEV & AL., 1997, 1998a, b; KITANOV & AL., 1987; KOICEVA & DIMITROV, 1994; MESHINEV & AL., 2000; NEDELICHEVA, 1998; NYAGOLOV & AL., 2001; PASHALIEV & DIMITROV, 1994; PASHALIEV, 1995; PAVLOVA & NEDELICHEVA, 2001; PAVLOVA & AL., 1997; PETROVA, A. S. & AL., 1998, 1999, 2001; SOPOTLIEVA & PETROVA, A. S., 2001; STOJANOV & GEORGIEV, 2001; TASHEV, 2001; TZONEV, 1997, 2000; UZUNOV, 1997; UZUNOV & AL., 1998; VLADIMIROV, 2001a, b; VLADIMIROV & KOZHUHAROV, 1999; VUTOV & DIMITROV, 2000a, b; ZHELEV & GOGUSHEV, 2000). The results of studies carried out in the framework of the Bulgarian-Swiss Biodiversity Conservation Programme (1994-2000) and of the revisions of the herbarium collections of Sofia University "St. Kliment Ohridski" (SO) and the Higher Agricultural Institute – Plovdiv (SOA and IAP) are also included in the Conspectus. Some previous publications, not reflected in the main literary sources, have also been used (BONDEV & AL., 1976, 1979; BROWICZ & ZIELINSKI, 1977; GANCHEV & DENCHEV., 1971; GANCHEV & KOICHEV, 1963, 1968; HINKOVA, 1960; JORDANOV & MARKOVA, 1970; JORDANOV & AL., 1965, 1968; PANOV, 1975a, b, c, 1978; STOJANOV, N., 1965; VELCHEV & AL., 1966).

Some species have been removed from the list of the Bulgarian flora, since their publication has been based on misidentification: *Achillea biebersteinii* Afan. (NEDELICHEVA, 1998), *Astragalus fraxinifolius* DC. (PAVLOVA & KOZHUHAROV, 1994) and *Celtis caucasica* Willd. (BROWICZ & ZIELINSKI, 1977). The distribution in Bulgaria of some other species is contestable, since no sample material of them is available in the Bulgarian herbaria: *Adenophora liliifolia* (L.) DC., *Aruncus dioicus* (Walter) Fernald, *Dactylorhiza majalis* (Reichenb.) P. F. Hunt et Summerhayes,

Globularia trichosantha Fisch. et C. A. Meyer, *Teucrium botrys* L. and others. Therefore they have not been included in the present Conspectus.

The presence of species until recently considered extinct from the Bulgarian flora has been confirmed: *Aldrovanda vesiculosa* L. (BAEVA, 1992), *Carex rupestris* Bell. ex All., *Hammarbia paludosa* (L.) O. Kuntze (VODENICHAROV & VASSILEV, 1999), *Lathyrus pančičii* (Juris.) Adam. (PETROVA, A. S., APOSTOLOVA & GEORGIEV, in prep.) and *Viola pumila* Chaix (ANDREEV, 1993). The presence of other species nowadays remains doubtful (VELCHEV, 1984) – *Ammania verticillata* (Ard.) Lam., *Angelica archangelica* L., *Astragalus cornutus* Pallas, *Caldesia parnassifolia* (Bassi) Parl., *Hypericum setiferum* Stefanov, *Liparis loeselii* (L.) L. C. Richard, *Salix rosmarinifolia* L., *Tetragonolobus maritimus* (L.) Roth, *Theligonum cynocrambe* L.; – but they are still part of the Bulgarian flora. This is valid also for *Arnica montana* L., identified by Dr. D. Dimitrov in the herbaria during the preparation of the Conspectus.

Some unpublished data of new or confirmed species of the Bulgarian flora have also been included in this Conspectus. Detailed information about these findings will be reported elsewhere (DIMITROV & ASSYOV, submitted; DIMITROV & SIDJIMOVA, submitted; KOSTADINOVA & DIMITROV, submitted; TZONEV & ZIELINSKI, accepted; PETROVA, A. S. & AL., ined., DIMITROV, ined.).

The known hybrid combinations in the Bulgarian flora have not been included in this publication. Comprehensive review of the hybrids of the higher Bulgarian plants has been made by ANČEV (1984).

In order to ensure the compatibility with previous publications, the phytogeographic division accepted by “Flora of the Republic of Bulgaria” (JORDANOV, 1966) has been used. The altitudes of distribution are given according to KOZHUHAROV (1992), corrected whenever the cited sources are indicating different figures for the vertical distribution, or whenever the compilers have personal observations.

The protected species are marked according to the Annex 3 of the draft Law on biodiversity, in process of adoption by the Parliament of Republic of Bulgaria.

Floristic elements

A floristic element is a group of species originating from the same floristic region, which determine their appearance of a certain geographical region. Bulgaria's geographic location is the reason for the considerable diversity of floristic elements in its flora. Many Mediterranean elements enter along the valleys of the bigger rivers in southern Bulgaria – the Struma, the Mesta, the Maritsa, the Arda – and along the southern Black Sea coast. Mediterranean oases exist even on the southern slopes of the Balkan Mountain. The flora of the Strandja Mountain is unique for Europe with its relict Euxinic elements. Some Middle Eastern elements penetrate from the southeast and Pontic elements, typical for the steppes of the northern Black Sea and the Caspian Sea coasts, enter from the northeast. Alpine – Carpathian geo-elements enter from the northwest, mainly along the Balkan Mountain chain. Scardic elements penetrate from the southwest, following the orientation of the mountain massifs of the Osogovska Mountain, Vlahina, Ograzhden, Belasitsa and Pirin. The alien plants that have found their place in the Bulgarian flora due to human intervention are also included in the current edition and are termed adventives, regardless of the way and the time they have come (see PETROVA, A. & VLADIMIROV, 2001).

In the current Conspectus the species of the Bulgarian flora are affiliated to a certain floristic element on the basis of the classification done by Walter, with some amendments and completions.

Acknowledgements

The compilers express their gratitude to Dr. Pierre Galland and to Prof. Ilia Cheshmedjiev for their critical remarks on the whole edition, to Dr. Tenyo Meshinev, and Dr. Iva Apostolova for their kind co-operation and valuable advise during the preparation of this publication, to Rossen Tsonev for the unpublished data, and to the technical assistants Plamen Stoyanov, Vladimir Trifonov, Zvezdelina Stoyanova for their precise work. The authors owe special thanks to the Bulgarian-Swiss Biodiversity Conservation Programme and the Swiss League for Nature Protection Pro Natura for the financial support.

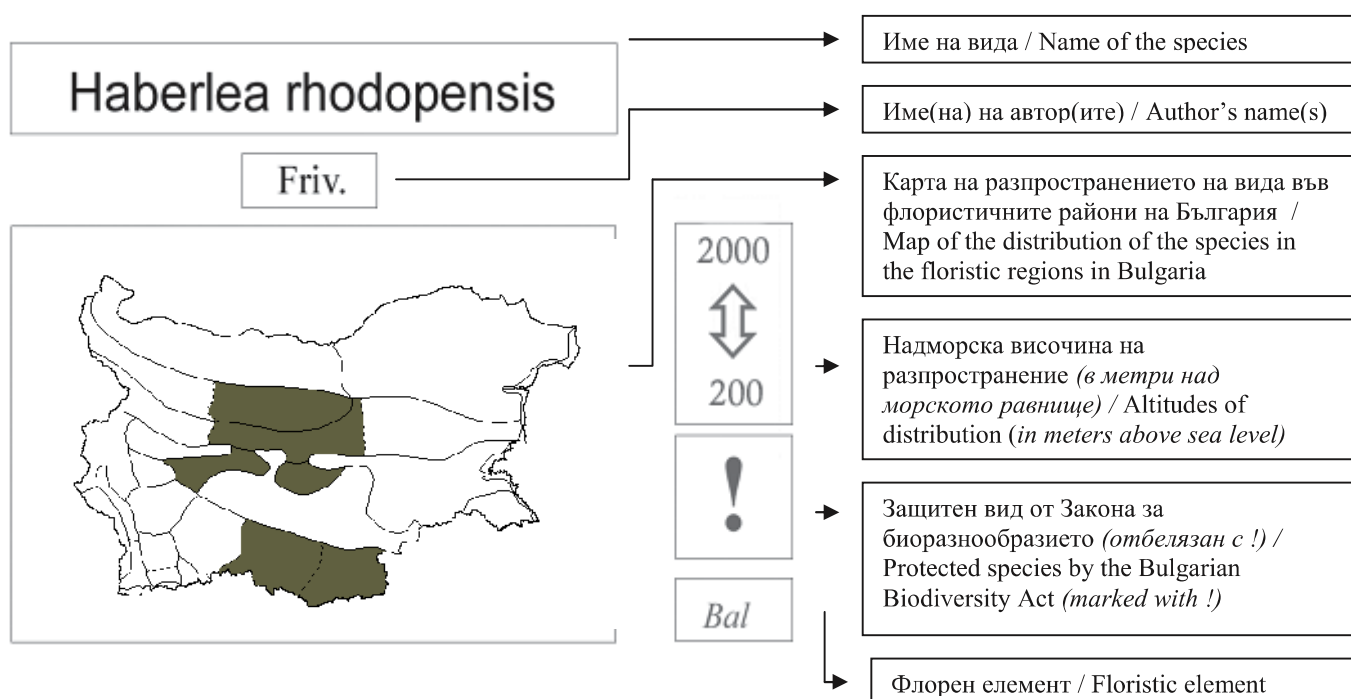
The present Conspectus may contain certain omissions and inaccuracies. The compilers would be very grateful to anyone who would help to find and eliminate them. Please send your comments, notes or new plant distribution data to the authors' emails.

Използване на Конспекта

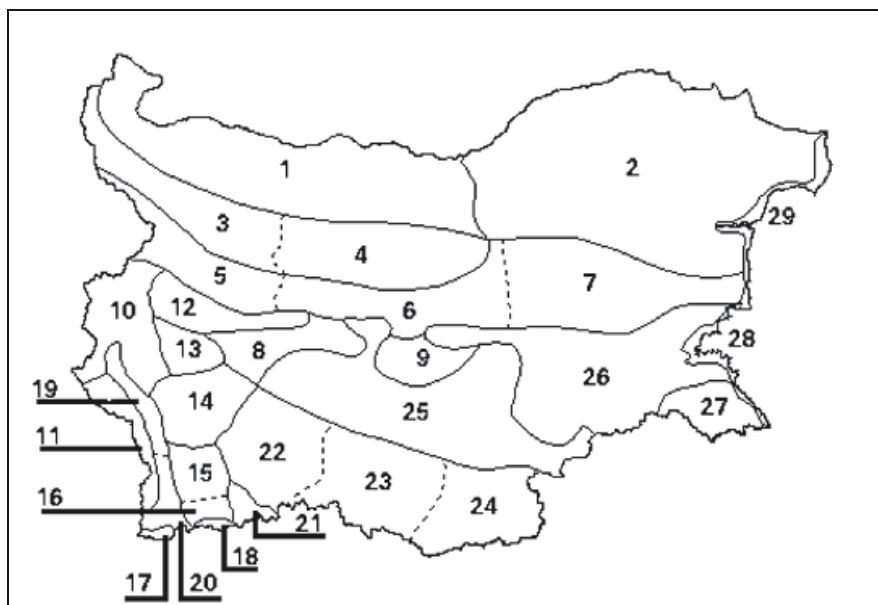
Този Конспект включва информация за разпространението и консервационното значение на 4102 вида висши растения, подредени по азбучен ред. Всеки вид разполага със следните полета с информация :

How to use the Conspectus

This Conspectus provides information on the distribution and the conservation status of 4102 species of plants, listed in alphabetical order. The following data fields are available for each species:



Флористични райони и подрайони / Floristic regions and sub-regions in Bulgaria



- | | |
|---|--------------------------------------|
| 1. The Danubian Plain | 1. Дунавска равнина |
| 2. North-Eastern Bulgaria | 2. Североизточна България |
| 3. The Predbalkan (West) | 3. Предбалкан (западен) |
| 4. The Predbalkan (East) | 4. Предбалкан (източен) |
| 5. Stara Planina (the Balkan) (West) | 5. Стара Планина (западна) |
| 6. Stara Planina (the Balkan) (Central) | 6. Стара Планина (централна) |
| 7. Stara Planina (the Balkan) (East) | 7. Стара планина (източна) |
| 8. Sredna Gora (West) | 8. Средна гора (западна) |
| 9. Sredna Gora (East) | 9. Средна гора (източна) |
| 10. Znepole Region | 10. Знеполски район |
| 11. West Frontier Mountains | 11. Западни гранични планини |
| 12. Sofia Region | 12. Софийски район |
| 13. Vitosha Region | 13. Витошки район |
| 14. The Rila | 14. Рила |
| 15. The Pirin (North) | 15. Пирин (северен) |
| 16. The Pirin (South) | 16. Пирин (южен) |
| 17. The Belasitza | 17. Беласица |
| 18. The Slavianka | 18. Славянка |
| 19. The Struma Valley (North) | 19. Долината на Струма (северна) |
| 20. The Struma Valley (South) | 20. Долината на Струма (южна) |
| 21. The Mesta Valley | 21. Долината на Места |
| 22. The Rhodopes (West) | 22. Родопи (западни) |
| 23. The Rhodopes (Central) | 23. Родопи (средни) |
| 24. The Rhodopes (East) | 24. Родопи (източни) |
| 25. Thracian Plane | 25. Тракийска равнина |
| 26. The Tundja Hilly Plane | 26. Тунджанска равнина |
| 27. The Strandja | 27. Странджа |
| 28. The Black Sea coast (South) | 28. Черноморско крайбрежие (южно) |
| 29. The Black Sea coast (North) | 29. Черноморско крайбрежие (северно) |

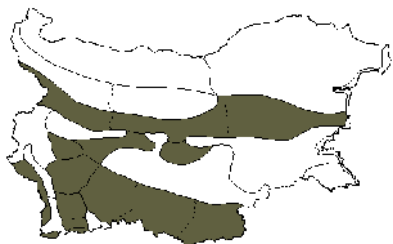
Карта на флорните елементи / Map of the floristic elements



Флорни елементи / Floristic elements

Adv	адвентивен	Adventive	Eur	европейски	European
Aeg	егейски	Aegyuan	Eux	евксински	Euxinian
Afr	африкански	African	Hybr	хибриден	Hybridogenous
Alp	алпийски	Alpine	Jap	японски	Japanese
Anat	анатолийски	Anatolian	Kos	космополитен	Cosmopolitan
Ap	апенински	Apenninian	Med	средиземноморски	Mediterranean
Am	американски	American	OT	ориентало-турански	Oriental-Turanian
Arct	арктически	Arctic	Pann	панонски	Pannonian
As	азиатски	Asiatic	Pont	понтийски	Pontic
Atl	атлантически	Atlantic	Sib	сибирски	Siberian
Bal	балкански	Balkan			
Boreal	бореален	Boreal	<i>Prefixes:</i>		
Bul	български	Bulgarian	sub	суб-	sub
Carp	карпатски	Carpathian	S	южно-	South
Cauc	кавказки	Caucasus	E	източно-	East
Ch	китайски	Chinese	W	западно-	West
Dac	дакийски	Dacian	N	северно-	North
			C	централно-	central

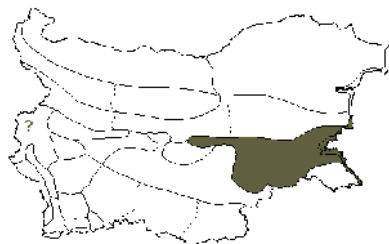
Abies alba
Mill.



2000
⇕
400

Boreal

Acanthus spinosus
L.

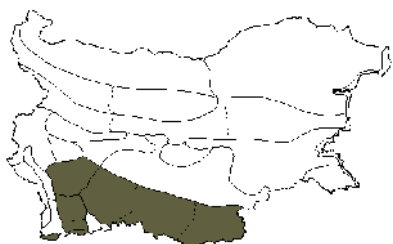


700
⇕
0



Med

Abies borisii-regis
Mattf.



2000
⇕
400

Bal

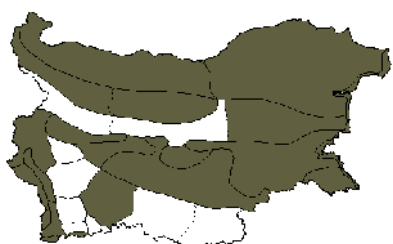
Acer campestre
L.



1600
⇕
0

Eur-OT

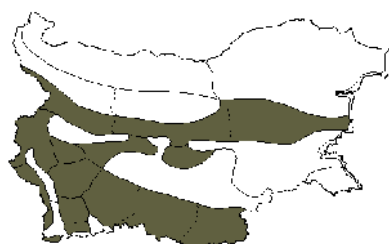
Abutilon theophrasti
Medicus



700
⇕
0

Eur-As

Acer heldreichii
Orph.



1900
⇕
800



Bal

Acalypha virginica
L.



700
⇕
300

Adv

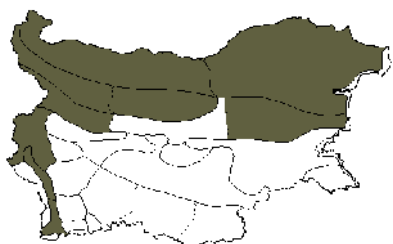
Acer hyrcanum
Fisch. & C. A. Mey.



1200
⇕
300

subMed

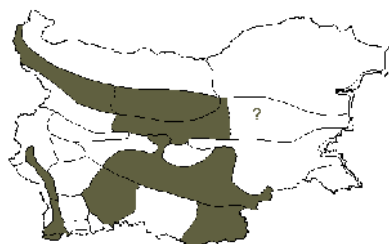
Acanthus balcanicus
Heywood & I. Richardson



1000
⇕
0

Bal

Acer monspessulanum
L.



600
⇕
100

subMed

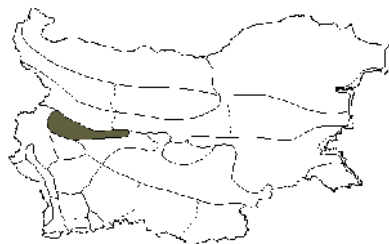
Acer negundo
L.



1000
⇕
0

Adv

Achillea asplenifolia
Vent.



700
⇕
400

Pann

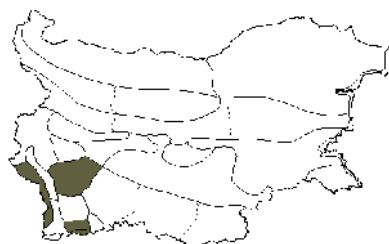
Acer platanoides
L.



1500
⇕
500

subMed

Achillea chrysocoma
Friv.



2900
⇕
2000

Bal

Acer pseudoplatanus
L.



1400
⇕
100

Eur-Med

Achillea clypeolata
Sm.



2000
⇕
0

Bal

Acer tataricum
L.



1300
⇕
0

subMed

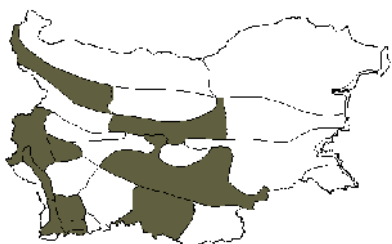
Achillea coarctata
Poir.



1000
⇕
0

Pont-Med

Achillea ageratifolia
(Sm.) Boiss.



2500
⇕
500

Bal

Achillea collina
J. Becker ex Rchb.



1000
⇕
0

Eur-subMed

Achillea crithmifolia

Waldst. & Kit.



1500

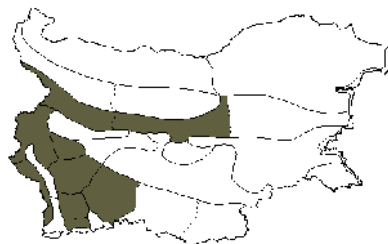


0

Pann-Bal

Achillea lingulata

Waldst. & Kit.



2800

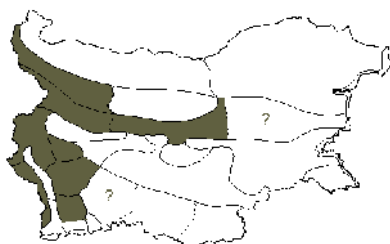


1000

Carp-Bal

Achillea distans

Waldst. & Kit. ex Willd.



2000



0

Alp-Carp-Bal

Achillea millefolium

L.



2000

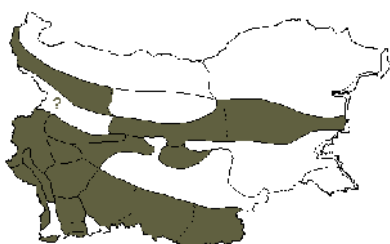


0

Eur-Sib

Achillea grandifolia

Friv.



2000

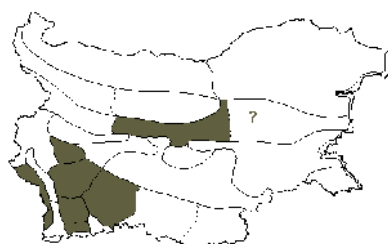


500

Bal-Anat

Achillea multifida

(DC.) Boiss.



2400

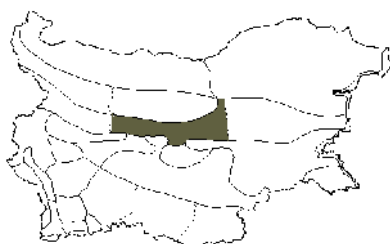


900

Carp-Bal

Achillea kotschyi

Boiss.



1500



1300



Bal-Anat

Achillea nobilis

L.



1000

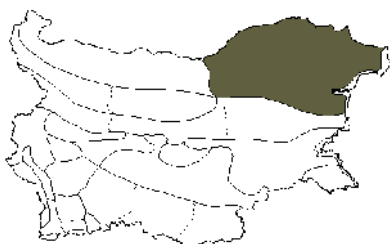


0

Eur-WAs

Achillea leptophylla

M. Bieb.



200



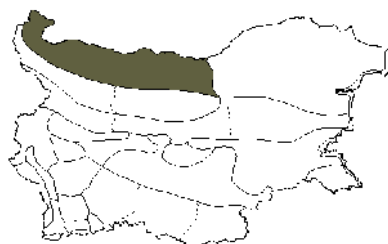
0



Pont-Bal

Achillea ochroleuca

Ehrh.



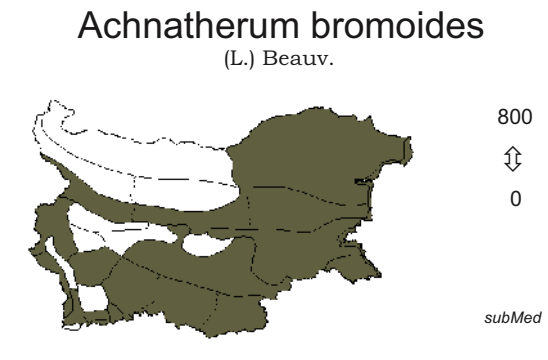
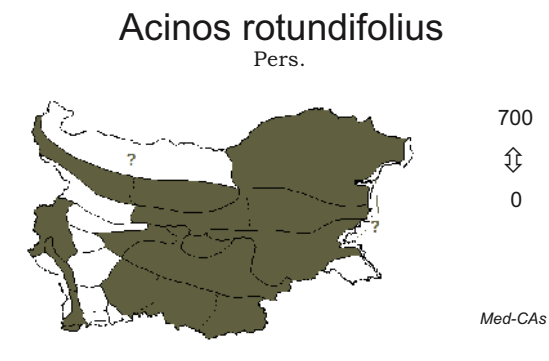
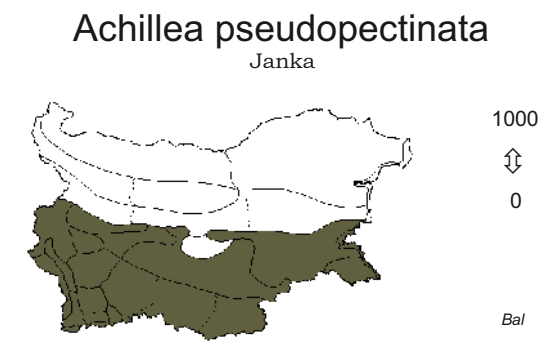
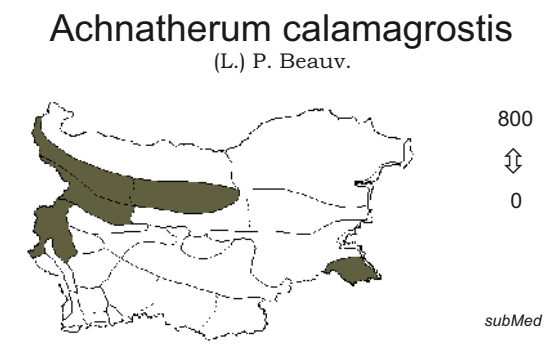
200



100



Pann



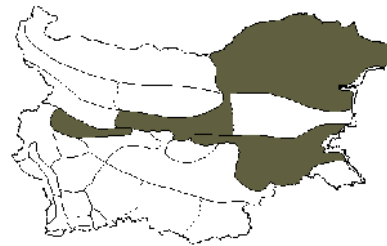
Aconitum anthora
L.



⇕

subMed

Acorus calamus
L.



500

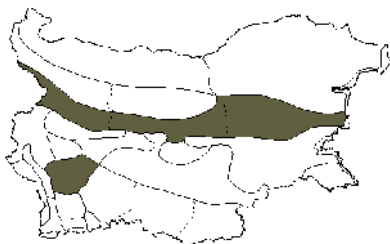
⇕

0

!

Boreal

Aconitum burnatii
J. Gay



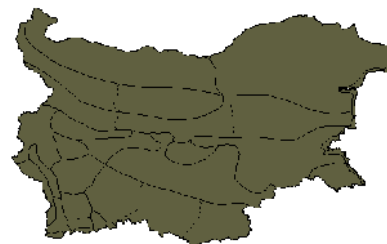
2500

⇕

1500

SEur

Actaea spicata
L.



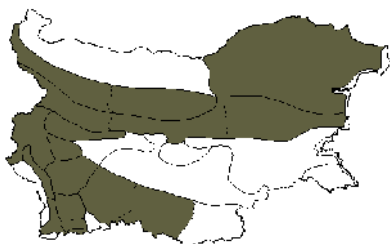
1800

⇕

800

Eur-As

Aconitum lycoctonum
L.



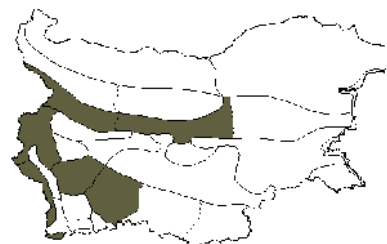
2400

⇕

650

subMed

Adenostyles alliariae
(Gouan) A. Kern.



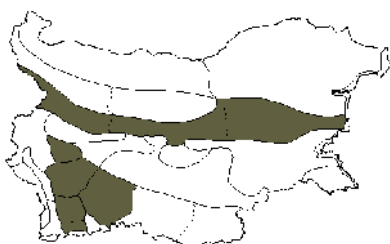
2000

⇕

0

Alp-Carp-Bal

Aconitum variegatum
L.



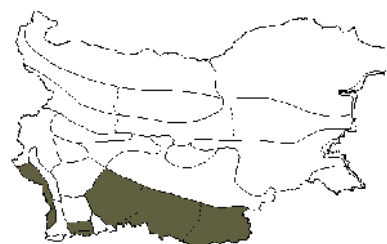
2350

⇕

1200

subMed

Adiantum capillus-veneris
L.



1000

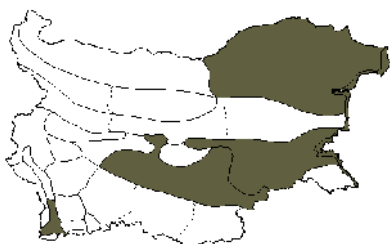
⇕

0

!

subBoreal

Acorellus pannonicus
(Jacq.) Palla



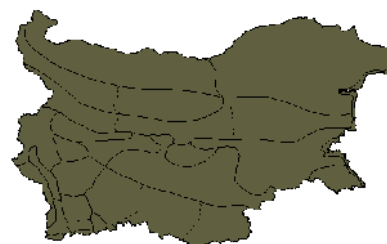
200

⇕

0

Boreal

Adonis aestivalis
L.



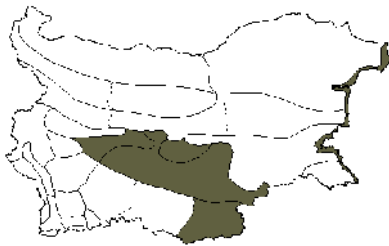
1000

⇕

0

Eur-subMed

Adonis annua
L.



300
⇕
0

subMed

Adoxa moschatellina
L.



1500
⇕
0

Boreal

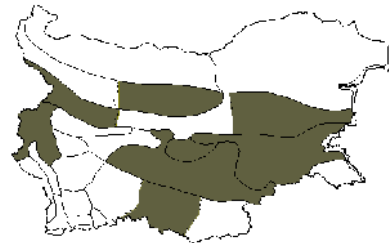
Adonis flammea
Jacq.



1200
⇕
0

Eur-subMed

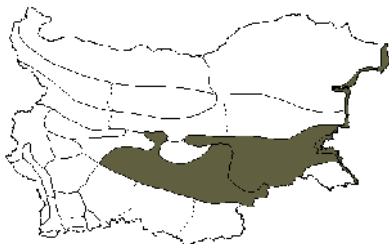
Aegilops biuncialis
Vis.



800
⇕
0

Med

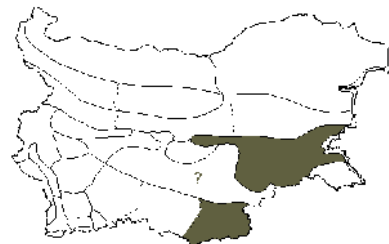
Adonis microcarpa
DC.



300
⇕
0

Med

Aegilops columnaris
Zhuk.



300
⇕
0

Pont-CAs

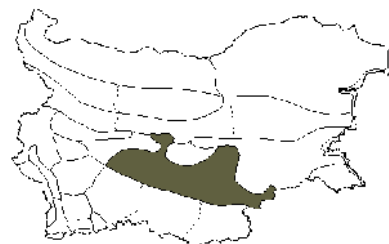
Adonis vernalis
L.



1100
⇕
0

Eur-Sib

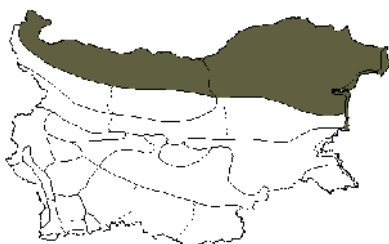
Aegilops comosa
Sm.



300
⇕
0

Med

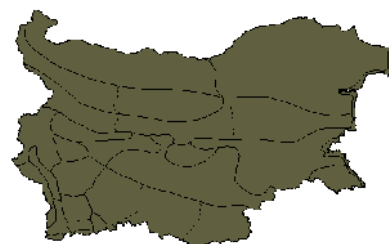
Adonis volgensis
DC.



300
⇕
0

!
Eur-As

Aegilops cylindrica
Host



1000
⇕
0

Eur-As

Aegilops geniculata
Roth



1000
⇕
0

Med

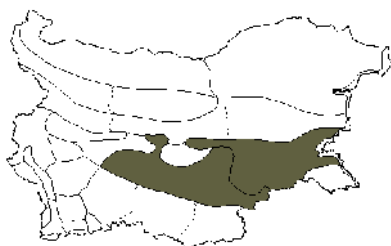
Aegopodium podagraria
L.



2000
⇕
0

Eur-Sib

Aegilops markgrafii
(Greuter) Hammer



100
⇕
0

Bal-Anat

Aeluropus littoralis
(Gouan) Parl.



0
⇕
0

Med

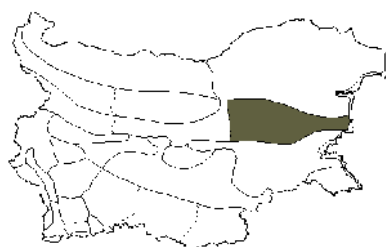
Aegilops neglecta
Req. ex Bertol.



1000
⇕
0

subMed

Aesculus hippocastanum
L.

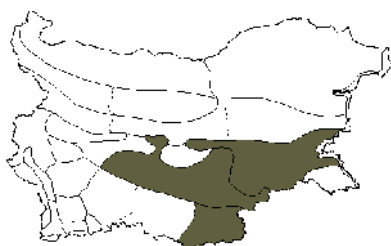


600
⇕
200

!

Bal

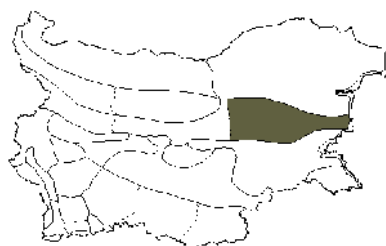
Aegilops speltoides
Tausch



500
⇕
0

Med

Aethionema arabicum
(L.) Andr. ex O.E.Schulz

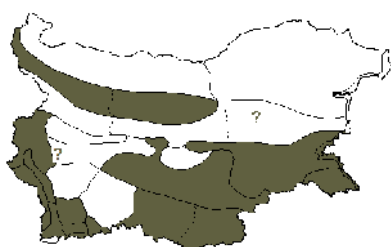


300
⇕
0

!

subMed

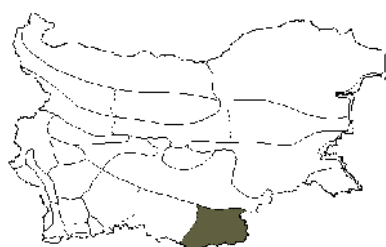
Aegilops triuncialis
L.



600
⇕
0

Eur-As

Aethionema rhodopaeum
D. Pavlova



500
⇕
100

Bul

Aethionema saxatile

(L.) R. Br.



1200

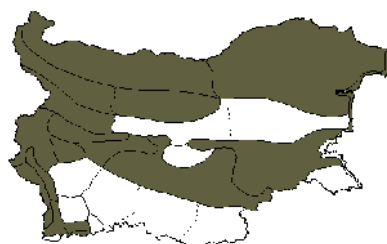


0

subMed

Agropyron cristatum

(L.) Gaertn.



1000



0

Eur-Pont

Aethusa cynapium

L.



1000



0

Eur-Sib

Agrostemma githago

L.



1400



0

Eur-As

Agrimonia eupatoria

L.



1500



100

Eur-Med

Agrostis canina

L.



1500



0

Eur-Sib

Agrimonia procera

Wallr.



1600



500

Eur-Med

Agrostis capillaris

L.



2000

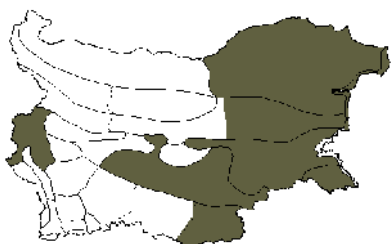


0

Boreal

Agropyron brandzae

Panțu & Solacolu



700



0

Pont

Agrostis castellana

Boiss. & Reut.



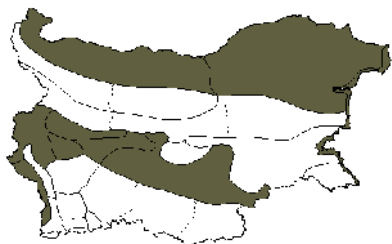
1000



0

Med-subMed

Agrostis gigantea
Roth



1700
⇕
0

Boreal

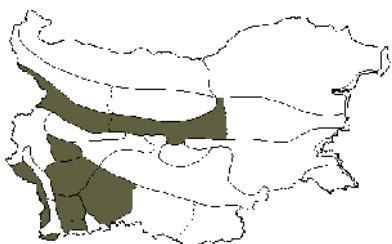
Aira caryophyllea
L.



200
⇕
0

subMed

Agrostis rupestris
All.



2900
⇕
1500

Alp-Carp-Bal

Aira elegantissima
Schur



800
⇕
0

Med

Agrostis stolonifera
L.



1500
⇕
0

Boreal

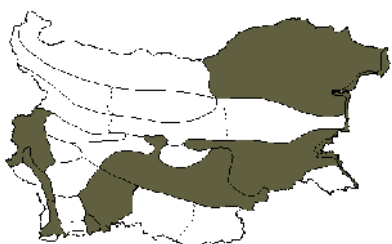
Ajuga chamaepitys
(L.) Schreb.



2300
⇕
0

Pont-Med

Agrostis verticillata
Vill.



1000
⇕
0

Eur-As

Ajuga genevensis
L.



1300
⇕
0

SPont

Ailanthus altissima
(Mill.) Swingle



1000
⇕
0

Adv

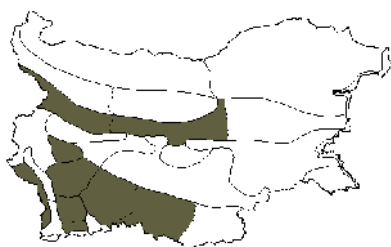
Ajuga laxmannii
(L.) Benth.



1800
⇕
0

SSib

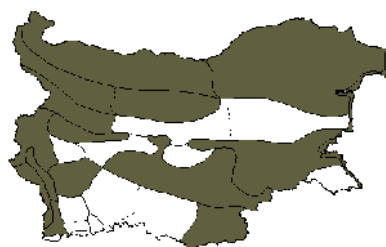
Ajuga pyramidalis
L.



2400
⇕
1200

Eur-Med

Alcea rosea
L.



1000
⇕
0

Med

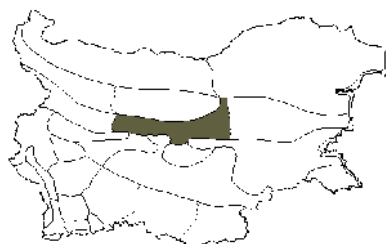
Ajuga reptans
L.



2000
⇕
0

Eur-Med

Alchemilla achtarowii
Pawl.

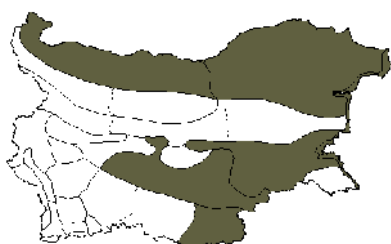


2100
⇕
1700

!

Bul

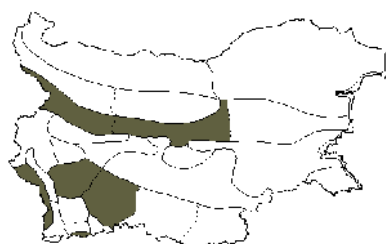
Ajuga salicifolia
(L.) Schreb.



800
⇕
0

subMed

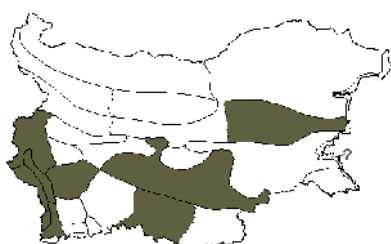
Alchemilla acutiloba
Opiz



2600
⇕
1200

Eur-Sib

Alcea heldreichii
(Boiss.) Boiss.



1100
⇕
150

Pont-Med

Alchemilla anisiaca
Wettst.



2200
⇕
2000

Eur

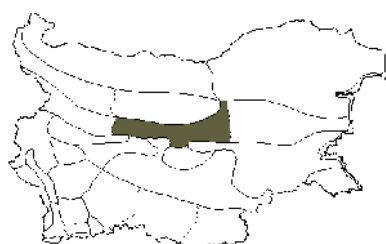
Alcea pallida
(Waldst. & Kit. ex Willd.) Waldst. et Kit.



1000
⇕
0

subMed

Alchemilla asteroantha
Rothm.



2000
⇕
1800

!

Bul

Alchemilla bandericensis

Pawl.



2300



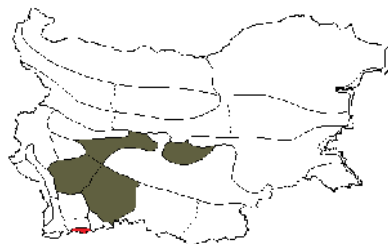
2300



Bal

Alchemilla crinita

Buser



2200

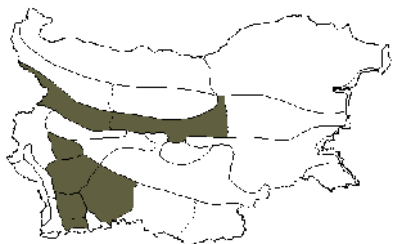


1400

Eur

Alchemilla bulgarica

Rothm.



2500



1800

Bal

Alchemilla damianicensis

Pawl.



2000

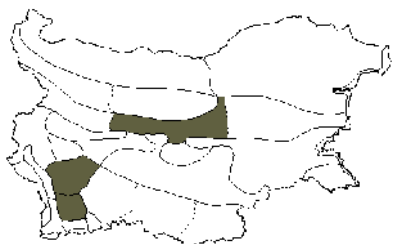


1400

Bal

Alchemilla catachnoa

Rothm.



2300

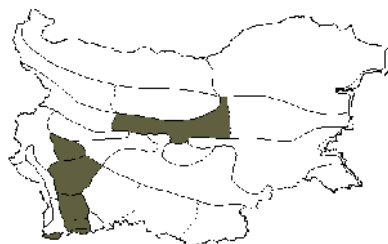


1800

Bal

Alchemilla erythropoda

Juz



2800

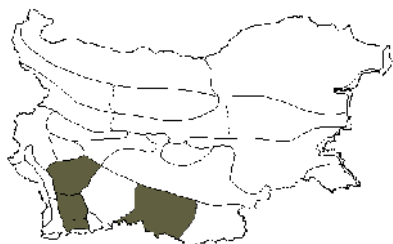


1600

Pont

Alchemilla cinerea

Buser



2500

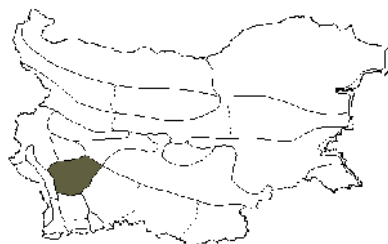


1800

Eur

Alchemilla fissa

Günter & Schummel



2200

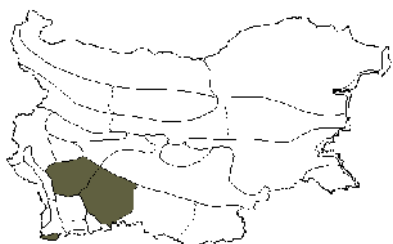


1800

Eur

Alchemilla connivens

Buser



2600

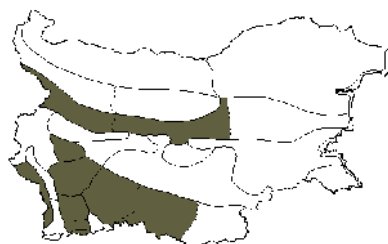


1400

Eur

Alchemilla flabellata

Buser



2800

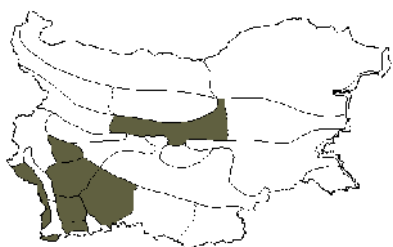


1600

Alp-Carp

Alchemilla glabra

Neygenf.



2400

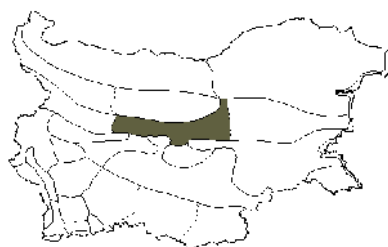


1800

Eur-Sib

Alchemilla grossidens

Buser



2100

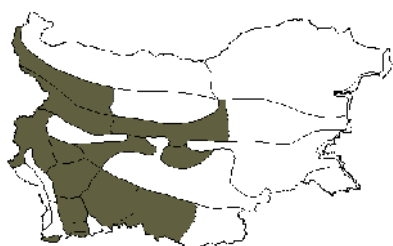


1900

Eur

Alchemilla glaucescens

Wallr.



2500

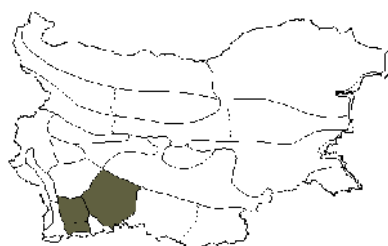


1200

Eur

Alchemilla heterophylla

Rothm.



2300

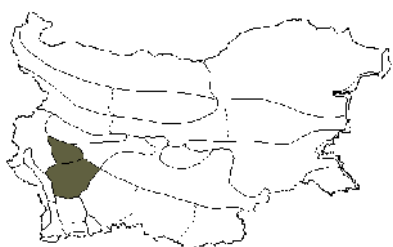


2000

Bal-Anat

Alchemilla gorcensis

Pawl.



1800

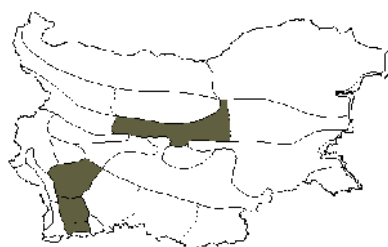


1000

Carp-Bal

Alchemilla incisa

Buser



2500

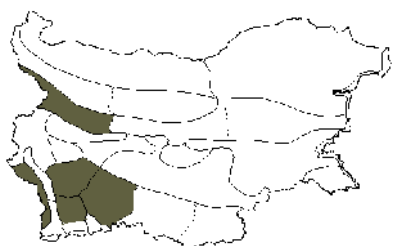


1600

Alp-Carp-Bal

Alchemilla gracilis

Opiz



2500

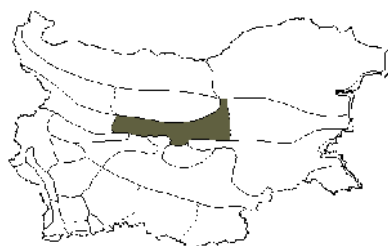


1500

Eur-Sib

Alchemilla indivisa

(Buser) Rothm.



2000

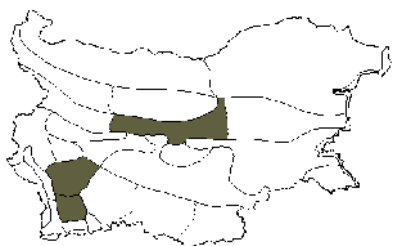


1600

Bal

Alchemilla gracillima

Rothm.



2400

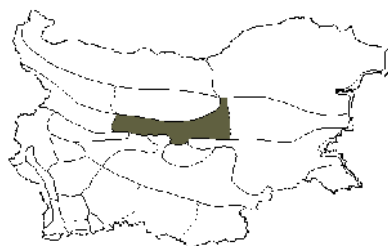


1600

Bal

Alchemilla jumrukczalica

Pawl.



1800



1700



Bul

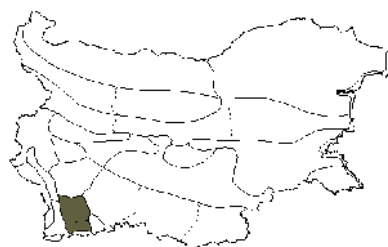
Alchemilla lunaria

Fröhner



Alchemilla pirinica

Pawl.



2300



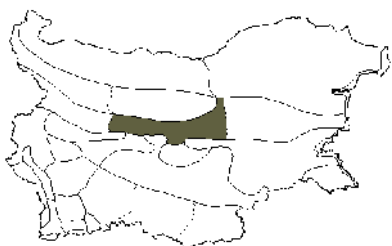
1900



Bal

Alchemilla mollis

(Buser) Rothm.



1700



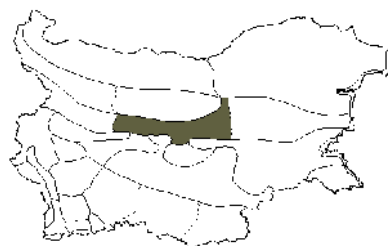
1600



Carp-Bal

Alchemilla plicatula

Gand.



2300

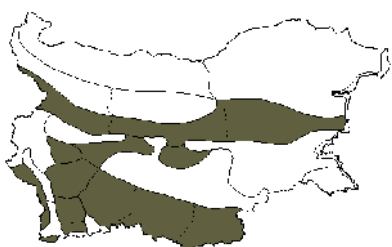


1900

Eur

Alchemilla monticola

Opiz



2100

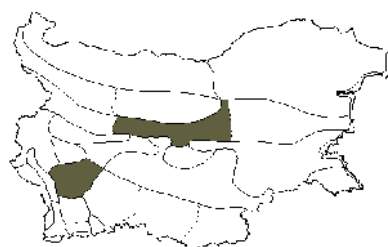


1200

Eur-Sib

Alchemilla pyrenaica

Dufour



2400

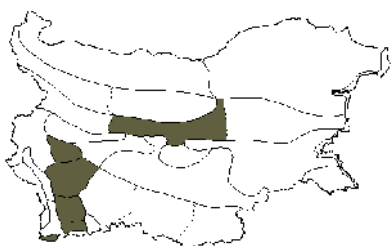


1800

Eur-subMed

Alchemilla obtusa

Buser



2000

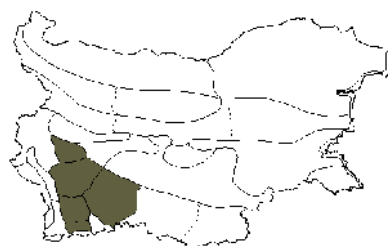


1200

Eur-subMed

Alchemilla reniformis

Buser



2400

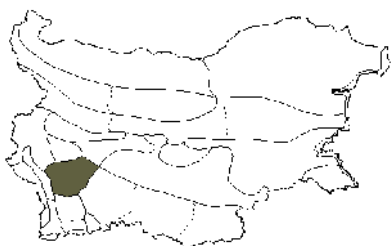


1800

Eur-subMed

Alchemilla pawlowskii

Assenov



2500

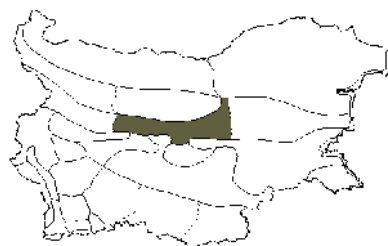


2500

Bul

Alchemilla sirjaevi

Plocek

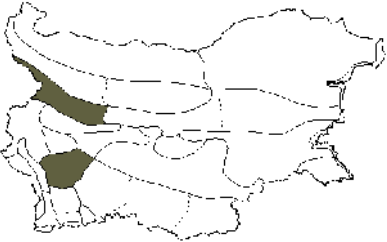

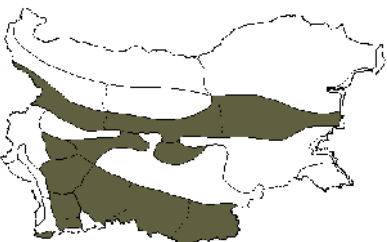

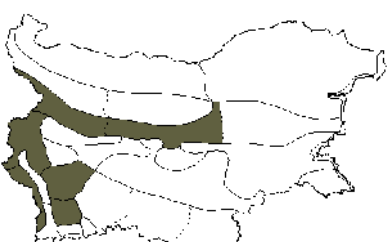

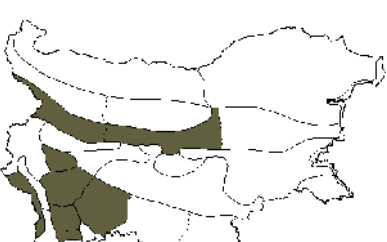


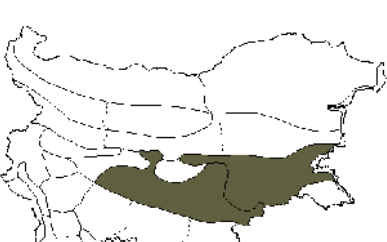


2500

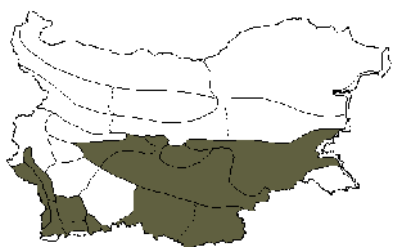


1500

Bul

<p>Alchemilla straminea Buser</p>  <p>1800 ⇕ 1100</p> <p><i>Alp-Carp-Bal</i></p>	<p>Alisma gramineum Lej.</p>  <p>1000 ⇕ 0</p> <p><i>Boreal</i></p>
<p>Alchemilla subcrenata Buser</p>  <p>1800 ⇕ 1000</p> <p><i>Arct-Alp</i></p>	<p>Alisma lanceolatum With.</p>  <p>1000 ⇕ 0</p> <p><i>Boreal</i></p>
<p>Alchemilla viridiflora Rothm.</p>  <p>1800 ⇕ 1200</p> <p><i>Bal</i></p>	<p>Alisma plantago-aquatica L.</p>  <p>1000 ⇕ 0</p> <p><i>Boreal</i></p>
<p>Alchemilla xanthochlora Rothm.</p>  <p>2100 ⇕ 1200</p> <p><i>Eur</i></p>	<p>Alkanna graeca Boiss. & Spruner</p>  <p>600 ⇕ 300</p> <p><i>Bal</i></p>
<p>Aldrovanda vesiculosa L.</p>  <p>100 ⇕ 0</p> <p>!</p> <p><i>Kos</i></p>	<p>Alkanna jordanovii Kožuharov</p>  <p>400 ⇕ 0</p> <p>!</p> <p><i>Bul</i></p>

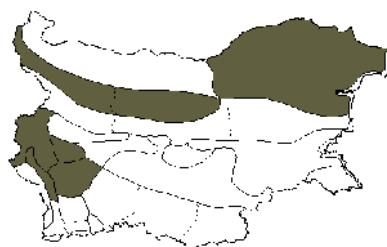
Alkanna primuliflora
Griseb.



900
⇕
0

Bal

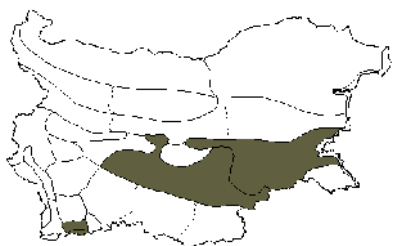
Allium albidum
Fisch.ex M. Bieb.



1500
⇕
0

Eur-Sib

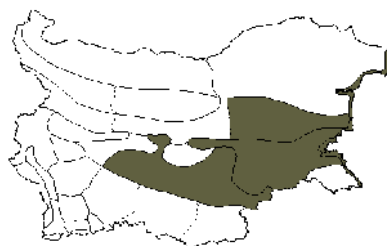
Alkanna stojanovii
Kožuharov



1000
⇕
350

Bul

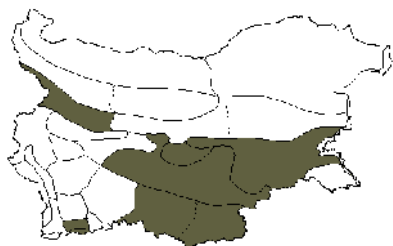
Allium amethystinum
Tausch



1000
⇕
0

EMed

Alkanna sibirnyi
Velen.

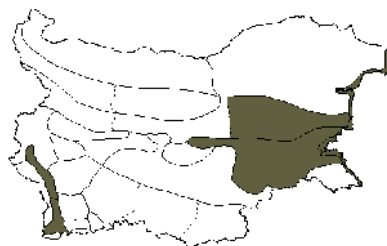


800
⇕
0

!

Bal

Allium ampeloprasum
L.



1000
⇕
0

Eur-As

Alkanna tinctoria
(L.) Tausch

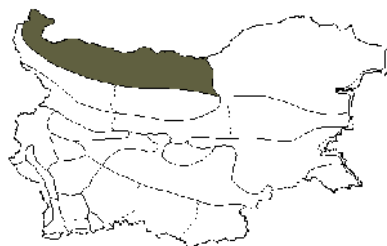


600
⇕
0

!

subMed

Allium angulosum
L.



500
⇕
0

!

Eur-Sib

Alliaria petiolata
(M. Bieb.) Cavara & Grande



1500
⇕
0

Eur-As

Allium atropurpureum
Waldst. & Kit.



1000
⇕
0

Pont

Allium atroviolaceum

Boiss.



1000

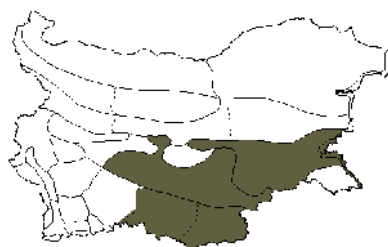


0

Eur-As

Allium cyrilli

Ten.



1000



0

Med

Allium carinatum

L.



2900



0

Pont-Med

Allium flavum

L.



2900

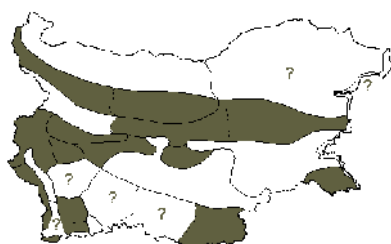


0

Med

Allium cirrhosum

Vandas



2000

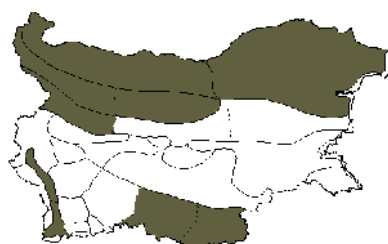


1000

Med

Allium fuscum

Waldst. & Kit.



1000



0

Carp-Bal

Allium coppoleri

Tineo



100



0

Allium guttatum

(Steven) Regel



1000

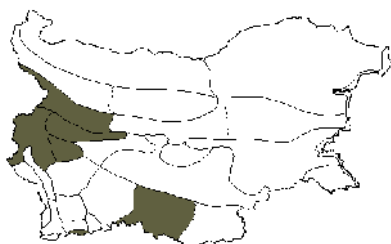


0

Pont-Med

Allium cupani

Raf.



2900



1000

Med

Allium longispathum

Redouté

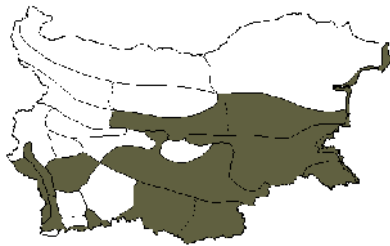


1000



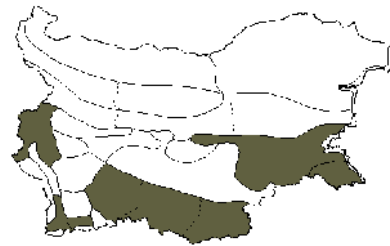
0

Allium margaritaceum
Sm.



1000
⇕
0

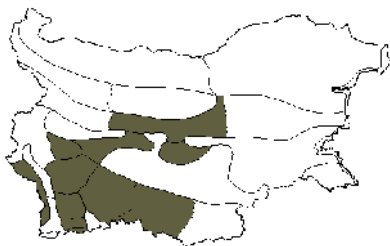
Allium nigrum
L.



1500
⇕
0

subMed

Allium melanantherum
Pančić



2900
⇕
1000

Bal

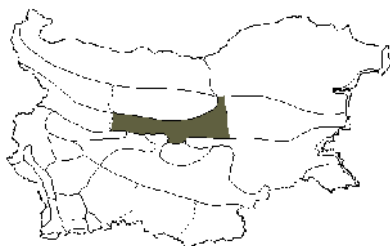
Allium oleraceum
L.



2500
⇕
0

Eur

Allium montanum
F. W. Schmidt

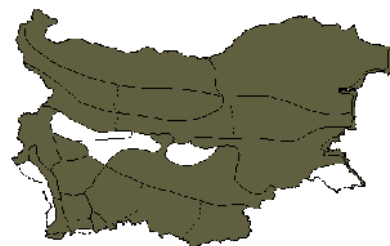


2900
⇕
2000

!

Eur

Allium paczoskianum
Tuzson



2000
⇕
0

EsubMed

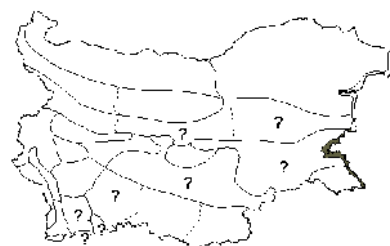
Allium moschatum
L.



1000
⇕
0

Pont-subMed

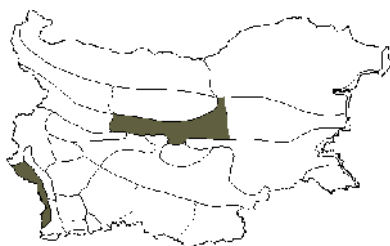
Allium pallens
L.



1000
⇕
0

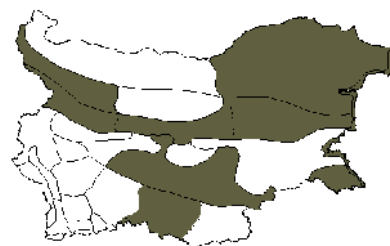
Pont

Allium nanum
(Asch. & Graebn.) Cheskm.



1500
⇕
1000

Allium paniculatum
L.

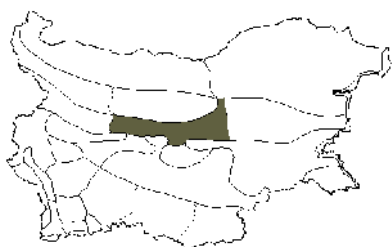


1500
⇕
0

Pont-subMed

Allium phthioticum

Boiss. & Heldr.



2000

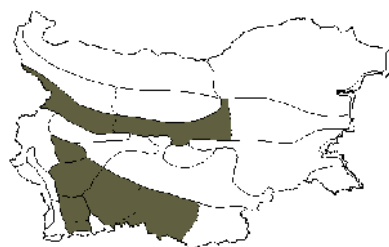


1000

Med

Allium schoenoprasum

L.



2900



1800

Boreal

Allium rhodopaeum

Velen.



1000



0

Bul

Allium scorodoprasum

L.



1000



0

Eur-Med

Allium rotundum

L.



1000

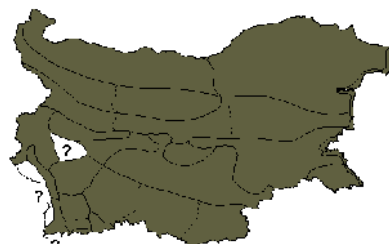


0

Eur-OT

Allium sphaerocephalon

L.



1000



0

Med

Allium rumelicum

M. Koçyiğit & N. Özhatay



1000

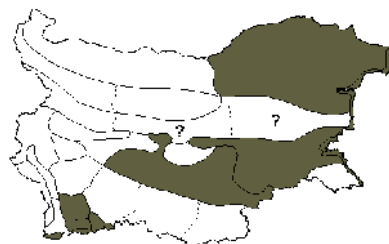


0

Bal

Allium tenuiflorum

Ten.



1000

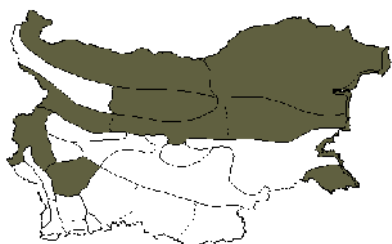


0

Med

Allium saxatile

M. Bieb.



1000

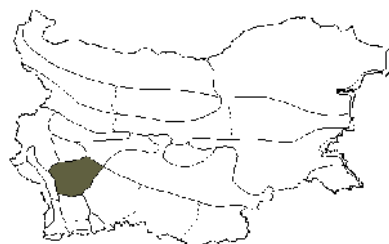


0

Med-As

Allium thracicum

Halácsy & Georgieff



2900

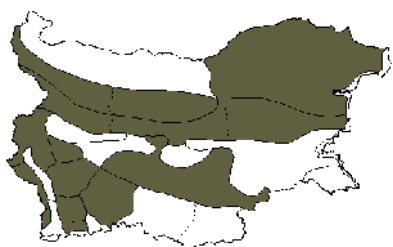


2000

Bul

Allium ursinum

L.



2000



300

Eur

Alnus incana

(L.) Moench



1400

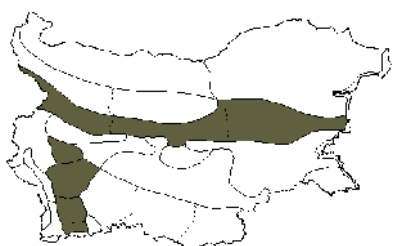


600

subMed

Allium victoriale

L.



2900

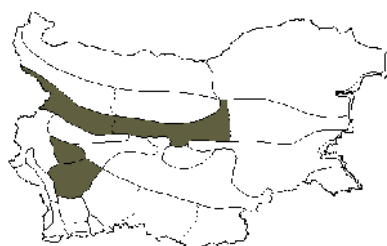


2000

Boreal

Alnus viridis

(Chaix) DC.



2100



900

Alp-Carp-Bal

Allium vineale

L.



1000

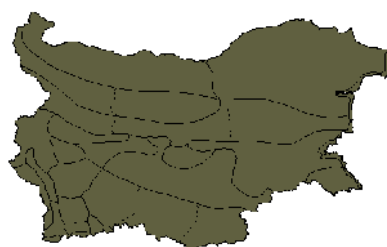


0

Eur-NAm

Alopecurus aequalis

Sobol.



1600

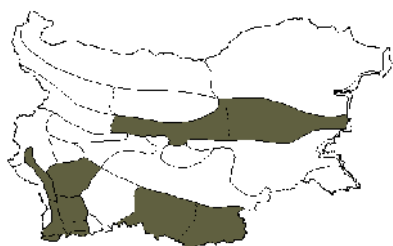


0

Eur-As

Allium webbii

Clementi



2000



0

Alnus glutinosa

(L.) Gaertn.



1000

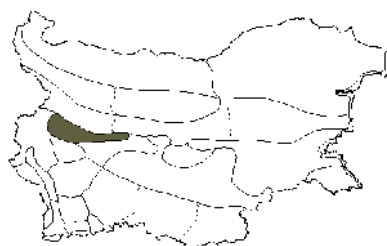


0

Med-CAs

Alopecurus arundinaceus

Poir.



600



0

subBoreal

Alopecurus geniculatus

L.



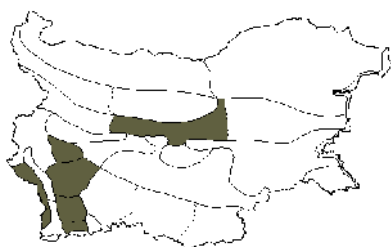
1600



0

Eur-As

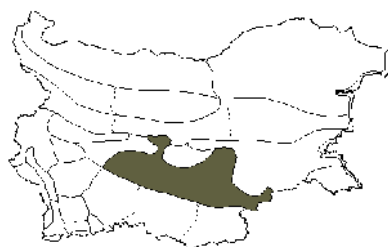
Alopecurus gerardii
Vill.



2900
⇕
1800

Alp-*Ap*-Bal

Alopecurus thracicus
Penev & Kožuharov



200
⇕
0

Bul

Alopecurus myosuroides
Huds.



1000
⇕
0

Eur-As

Althaea canabina
L.



1000
⇕
0

Med-As

Alopecurus pratensis
L.



1600
⇕
0

Eur-As

Althaea hirsuta
L.



1000
⇕
0

Med-As

Alopecurus rendlei
Eig



1500
⇕
0

Med

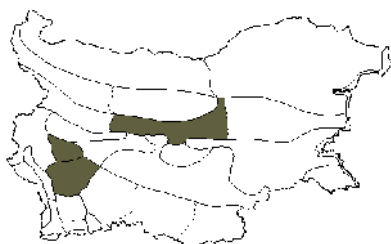
Althaea officinalis
L.



1000
⇕
0

Boreal

Alopecurus riloensis
(Hack.) Pawl.



2900
⇕
1800

Bul

Alyssoides utriculata
(L.) Moench



1900
⇕
50

subMed

Alyssum alyssoides

(L.) L.



1100

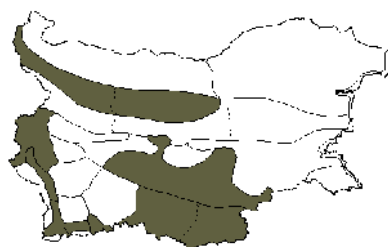


0

Eur-Med

Alyssum corymbosoides

Formánek



900



0

Bal

Alyssum bertolonii

Desv.



900

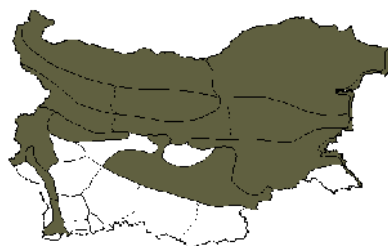


0

Med

Alyssum hirsutum

M. Bieb.



900

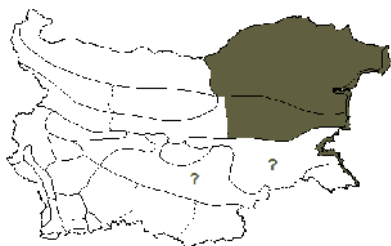


0

subMed

Alyssum borzaeanum

Nyár.



400



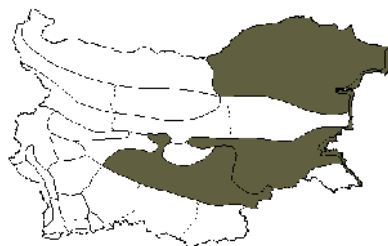
0



Pont-Med

Alyssum minutum

Schlttl. ex DC.



1000

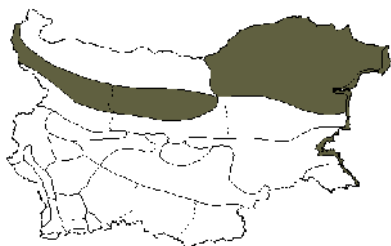


0

Eur-Med

Alyssum caliacrae

Nyár.



500

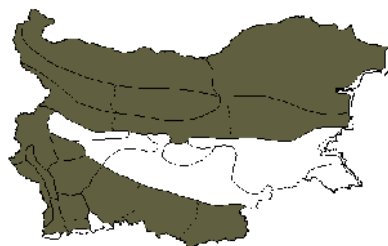


0

Pont

Alyssum montanum

L.



2100



0

Eur-Med

Alyssum campestre

L.



1000

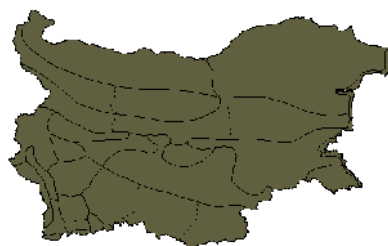


0

Eur-As

Alyssum murale

Waldst. & Kit.



1700



0

Eur-subMed

Alyssum obtusifolium

Steven ex DC.



700

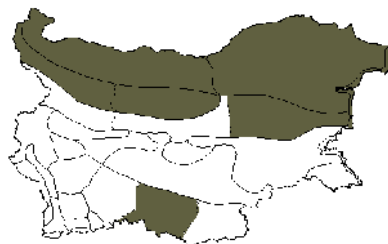


0

Eur-Sib

Alyssum rostratum

Steven



700



0

subMed

Alyssum orbelicum

Ančev & Uzunov



2700



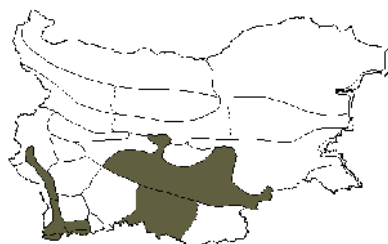
2000



Bul

Alyssum sibirnyi

Velen.



1100



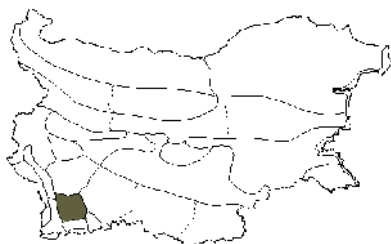
500



Bal-Anat

Alyssum pirinicum

(Stoj. & Acht.) Ančev



2800



2200



Bul

Alyssum strigosum

Banks & Sol.



700

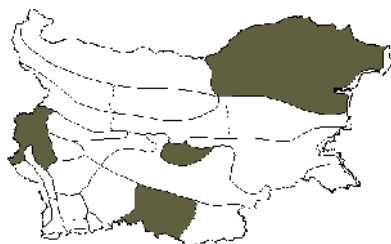


0

subMed

Alyssum pulvinare

Velen.



900

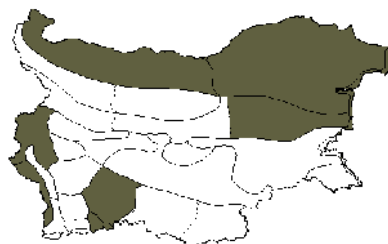


0

Bal-Dac

Alyssum tortuosum

Willd.



900

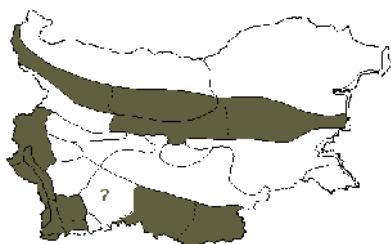


100

Pont-Med

Alyssum reiseri

Velen.



1200

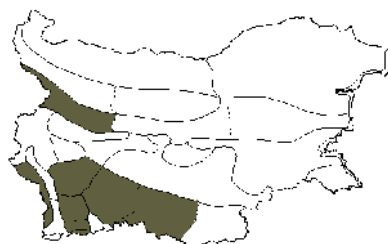


500

subMed

Alyssum trichostachyum

Rupr.



2800

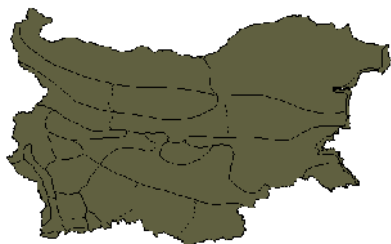


1300

subMed

Alyssum turkestanicum

Regel & Schmalh.



1200

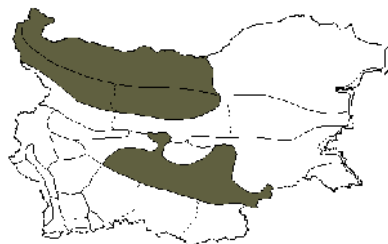


0

Eur-Med

Amaranthus commutatus

A. Kern.



0

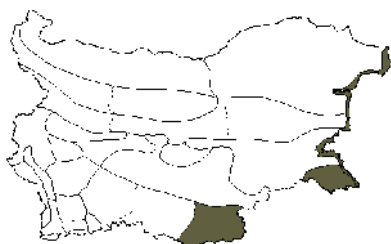


0

Adv

Alyssum umbellatum

Desv.



500



0

subMed

Amaranthus crispus

(Lesp. & Thévenau) N. Terracc.



500

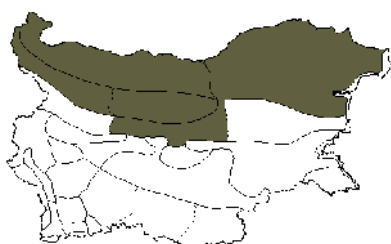


0

Adv (SAm)

Alyssum wierzbickii

Heuff.



1000

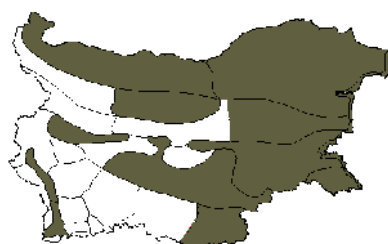


0

subMed

Amaranthus deflexus

L.



600



0

Adv (SAm)

Amaranthus albus

L.



1000



0

Adv (CAm)

Amaranthus graecizans

L.



1000



0

Med

Amaranthus blitoides

Watson



1000



0

Adv (NAm)

Amaranthus hybridus

L.



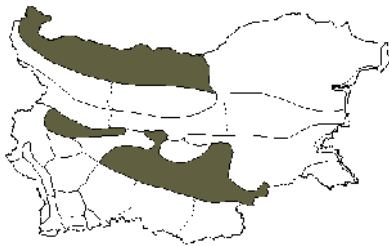
800



0

Adv (SAm)

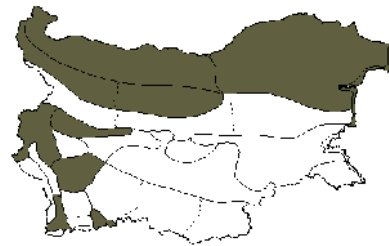
Amaranthus hypochondriacus
L.



300
⇕
0

Adv (NAm)

Ambrosia artemisiifolia
L.



300
⇕
0

Adv (NAm)

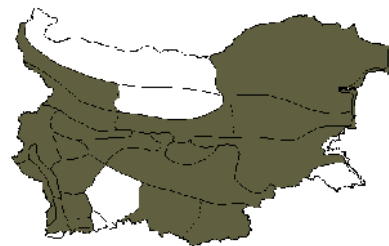
Amaranthus lividus
L.



1000
⇕
0

Adv (CAm)

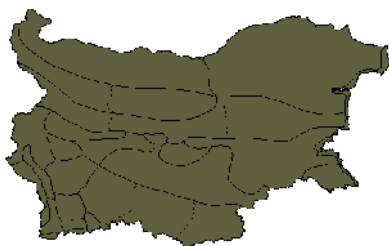
Amelanchier ovalis
Medicus



1900
⇕
0

Pont-Med

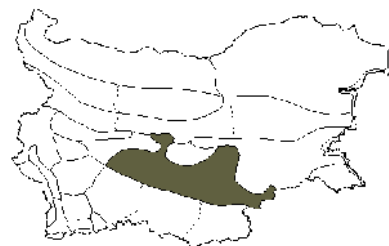
Amaranthus retroflexus
L.



1000
⇕
0

Kos

Ammannia auriculata
Willd.



200
⇕
0

Adv

Amaranthus scleropoides
Uline & Bray



0
⇕
0

Adv

Ammannia verticillata
(Ard.) Lam.



50
⇕
0

!

subMed

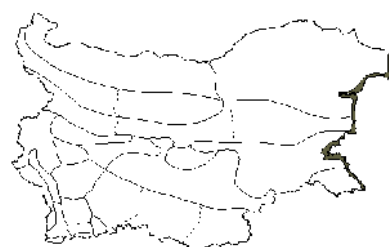
Amaranthus spinosus
L.



100
⇕
0

Adv (NAm)

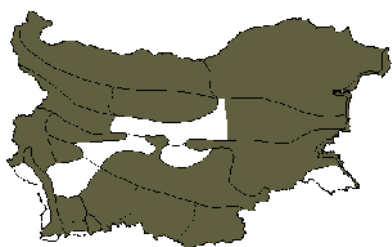
Ammophila arenaria
(L.) Link



0
⇕
0

Eur-Med

Amorpha fruticosa
L.



500
⇕
0

Adv

Anagalis minima
(L.) Krause



1000
⇕
0

Eur

Amygdalus delipavlovii
S. Seraf.



300
⇕
100

!

Bul (Hybr)

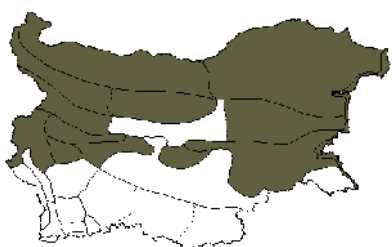
Anchusa azurea
Mill.



1000
⇕
0

subMed

Amygdalus nana
L.



1600
⇕
0

Eur-As

Anchusa barrelieri
(All.) Vitman



1000
⇕
0

subMed

Anacamptis pyramidalis
(L.) Rich.

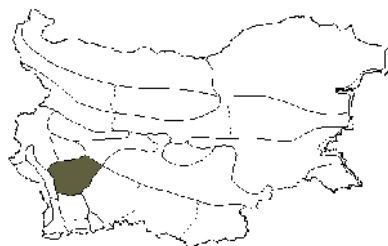


1000
⇕
0

!

subMed

Anchusa davidovii
Stoj.



2100
⇕
1500

!

Bul

Anagalis arvensis
L.



800
⇕
0

Kos

Anchusa hybrida
Ten.

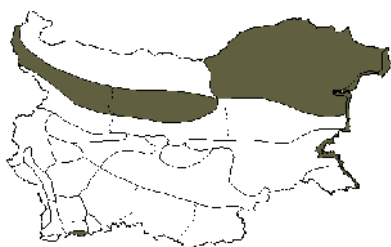


1000
⇕
0

Eur

Anchusa leptophylla

Roem. & Schult.



600

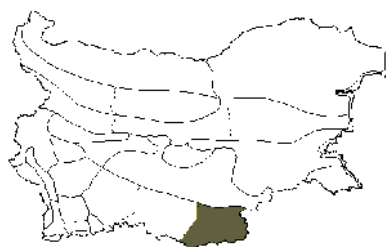


0

subMed

Anchusa spruneri

Boiss.



500



0

Bal

Anchusa macedonica

Degen & Dörfel.



200



0



Bal

Anchusa stylosa

M. Bieb.



600



0



subMed

Anchusa ochroleuca

M. Bieb.



1000

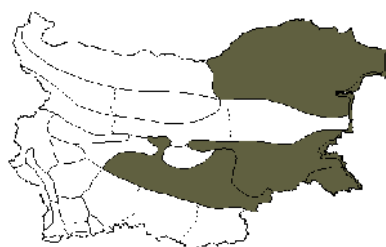


0

subMed

Anchusa thessala

Boiss. & Spruner



300



0

Pont-Med

Anchusa officinalis

L.



1000

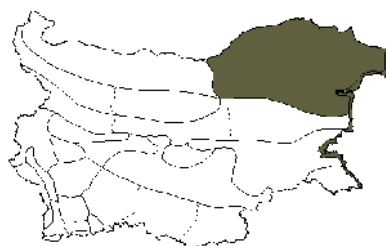


0

Pont-Med

Anchusa velenovskyi

(Guşul.) Stoj.



200



0



Bal

Anchusa procera

Besser



600

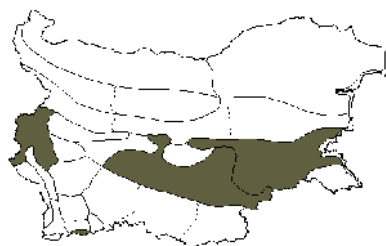


0

Pont-Bal

Andrachne telephioides

L.



500



0

Pont-Med

Androsace elongata
L.



1000
⇕
0

Eur-Sib

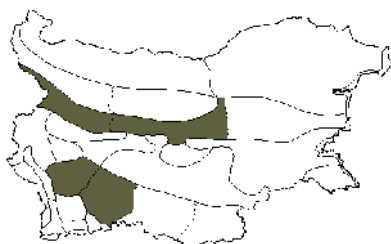
Andrzeiowskia cardamine
Rchb.



300
⇕
0

Med

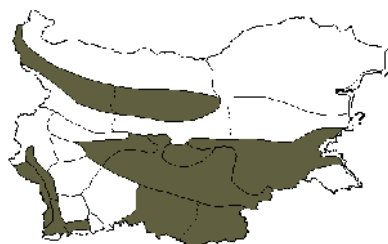
Androsace hedraeantha
Griseb.



2900
⇕
2000

Bal

Anemone apennina
L.



700
⇕
100

subMed

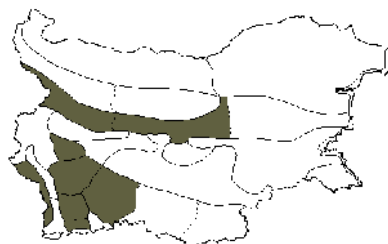
Androsace maxima
L.



1000
⇕
0

Eur-As

Anemone narcissiflora
L.

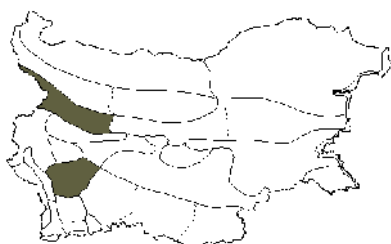


2750
⇕
1800

!

Boreal

Androsace obtusifolia
All.



2200
⇕
2200

!

Alp-Carp

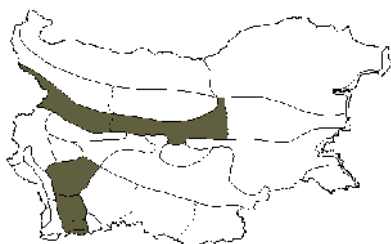
Anemone nemorosa
L.



1800
⇕
500

subBoreal

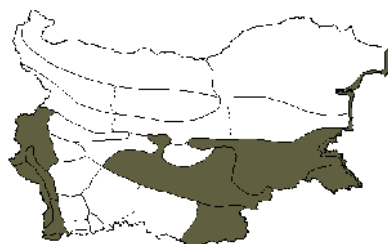
Androsace villosa
L.



2900
⇕
1700

Arct-Alp

Anemone pavonina
Lam.



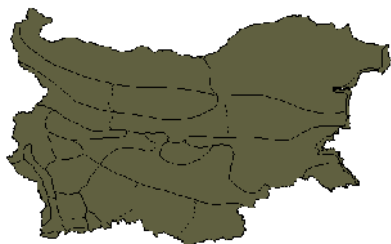
400
⇕
0

!

Med

Anemone ranunculoides

L.



1500



0

Eur-subMed

Angelica sylvestris

L.



1000



0

Eur-Sib

Anemone sylvestris

L.



1500



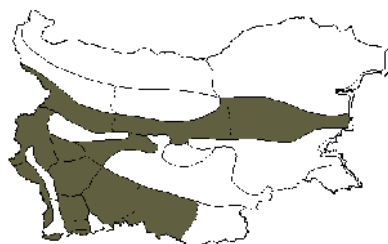
0



Eur-As

Antennaria dioica

(L.) Gaertn.



2900

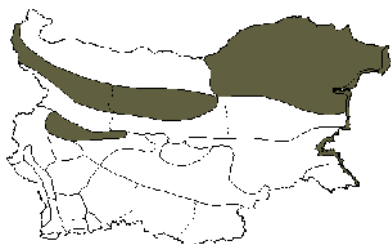


1700

Arct-Alp

Anethum graveolens

L.



800

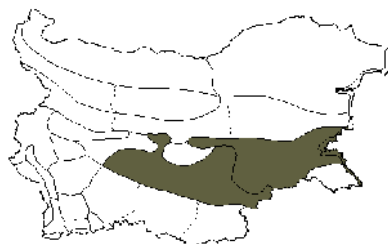


0

Med-As

Anthemis altissima

L.



200



0

subMed

Angelica archangelica

L.



2000

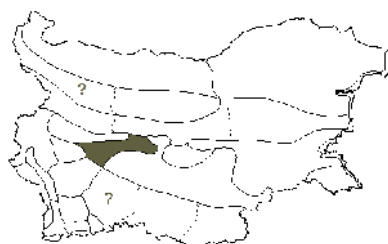


0

Eur-As

Anthemis argyrophylla

(Halácsy & Georgiev) Velen.



1000



0



Bul

Angelica pancicii

Vandas



2000



700

Bal

Anthemis arvensis

L.



2000



0

Eur-Med

Anthemis auriculata

Boiss.



800

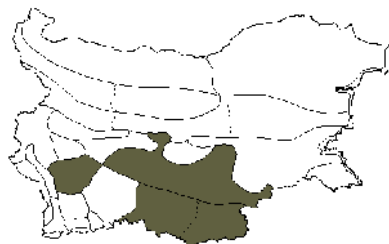


0

Bal-Anat

Anthemis gaudium-solis

Velen.



1000



0



Bul

Anthemis austriaca

Jacq.



2000



0

Eur-Med

Anthemis jordanovii

Stoj. & Acht.



500



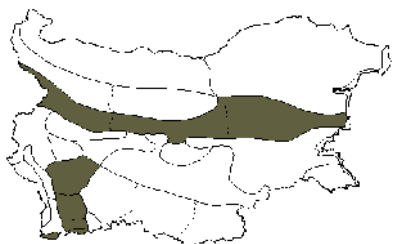
500



Bul

Anthemis carpatica

Willd.



2000

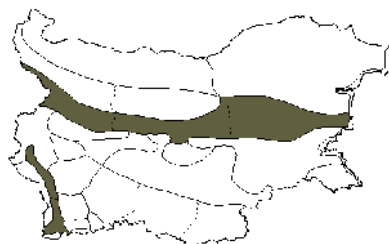


1000

Carp-Bal

Anthemis macedonica

Boiss.



1000



0

Bal

Anthemis cotula

L.



1000



0

Eur-Sib

Anthemis macrantha

Heuff.



800



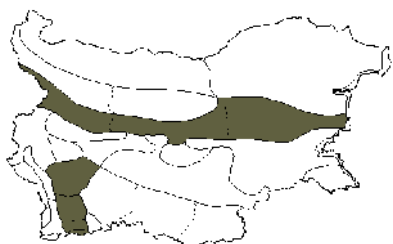
0



Carp-Bal

Anthemis cretica

L.



2500

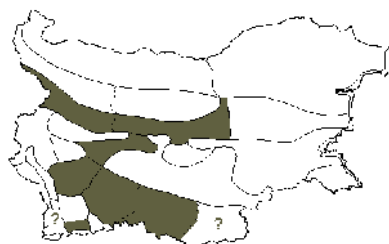


0

Med

Anthemis orbelica

Pančić



2000



0



Bul

Anthemis parnassica

(Boiss. & Heldr.) Fernan.



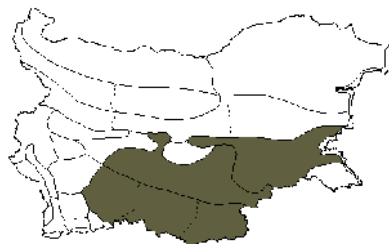
400



0

Anthemis strybrnyi

Velen.



1000



0



Bul

Anthemis regis-borisii

Stoj. & Acht.



200



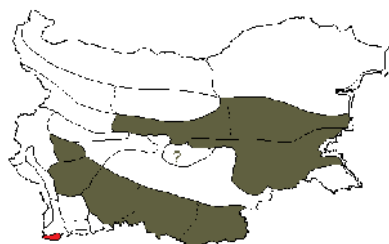
0



Bul

Anthemis tenuiloba

(DC.) R. Fern.



2000

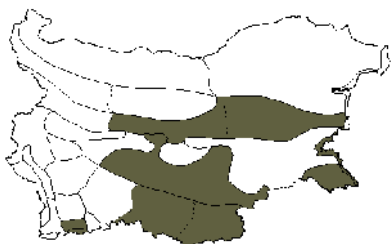


0

Bal-Anat

Anthemis rumelica

(Velen.) Stoj. & Acht.



1000



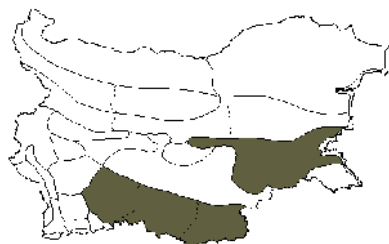
0



Bul

Anthemis thracica

Velen.



1000



0

Bul

Anthemis ruthenica

M. Bieb.



2000



0

subMed

Anthemis tinctoria

L.



2000

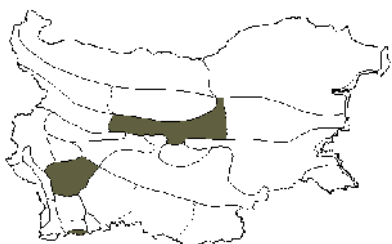


0

Eur-Sib

Anthemis sancti-johannis

Turrill



2300



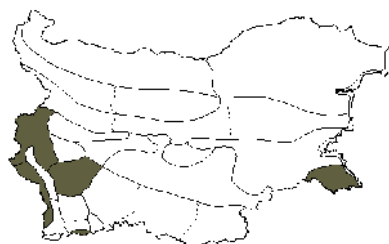
1600



Bul

Anthemis triumfetii

(L.) DC.



1000

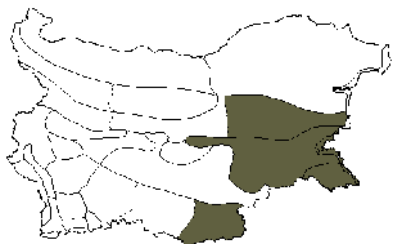


0

Eur

Anthemis virescens

Velen.



1000



0



Bul

Anthriscus caucalis

M. Bieb.



800

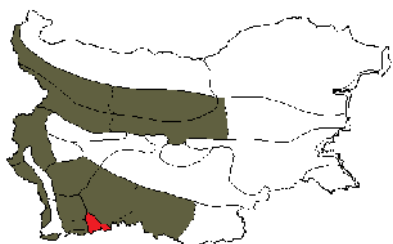


0

Eur-Med

Anthericum liliago

L.



2900



1000

subMed

Anthriscus cereifolium

(L.) Hoffm.



1100



0

Eur-Med

Anthericum ramosum

L.



1000

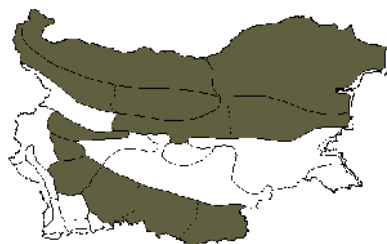


0

Eur

Anthriscus nemorosa

(M. Bieb.) Spreng.



2300

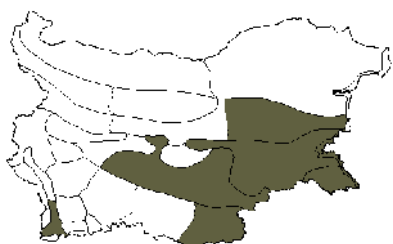


300

Eur-As

Anthoxanthum aristatum

Boiss.



800



0

Eur-As

Anthriscus nitida

(Wahlenb.) Garcke



2100



800

Eur

Anthoxanthum odoratum

L.



2300



0

Eur-As

Anthriscus sylvestris

(L.) Hoffm.



1500

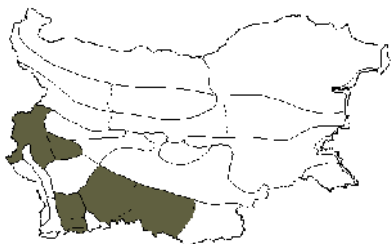


0

Eur

Anthyllis aurea

Welden



2100



800



Bal

Apera spica-venti

(L.) P. Beauv.



1200

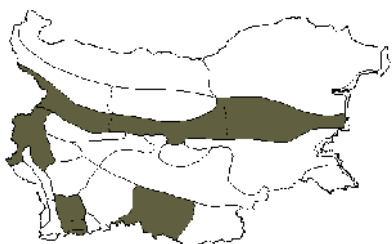


0

subBoreal

Anthyllis montana

L.



2100



1000

Alp-Med

Aphanes arvensis

L.



1000



0

Eur

Anthyllis vulneraria

L.



2900

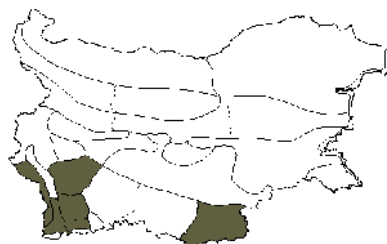


0

Eur-Med

Aphanes minutiflora

(Azn.) Holub



1200



500

Med

Antirrhinum majus

L.



1200

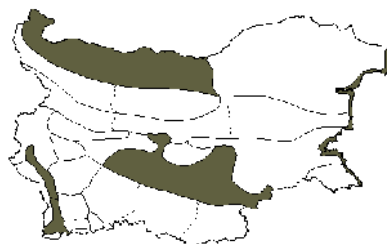


0

Adv (Med)

Apium graveolens

L.



500

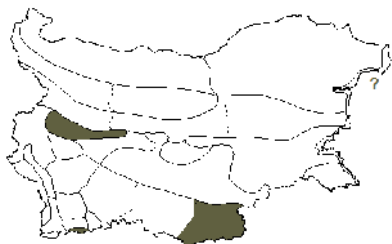


0

Eur-As

Apera interrupta

(L.) P. Beauv.



500

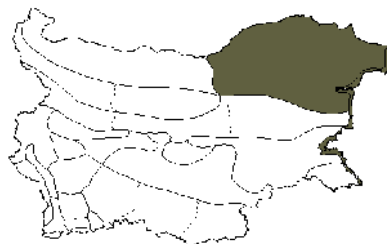


0

Med-WAs

Apium nodiflorum

(L.) Lag.



100



0



Eur-As

Apium repens

(Jacq.) Lag.



⇅

!

Eur

Arabis auriculata

Lam.



1400

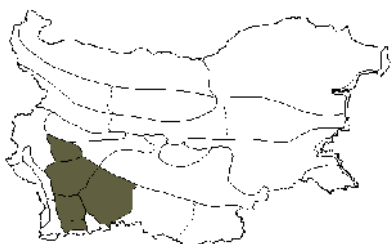
⇅

0

Eur-As

Aquilegia aurea

Janka



2300

⇅

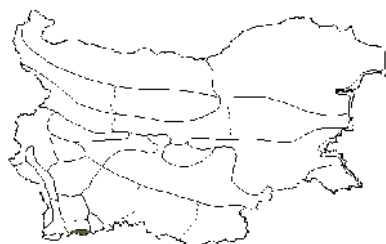
1800

!

Bal

Arabis ciliata

Clairv.



2000

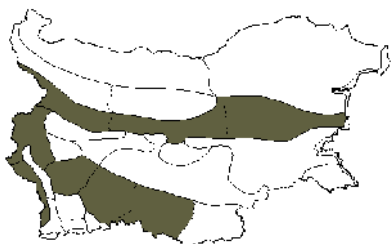
⇅

1000

Eur

Aquilegia nigricans

Baumg.



2000

⇅

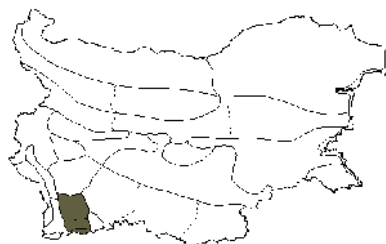
1000

!

Alp-Carp-Bal

Arabis collina

Ten.



1800

⇅

1300

!

Med

Arabidopsis thaliana

(L.) Heynh.



1500

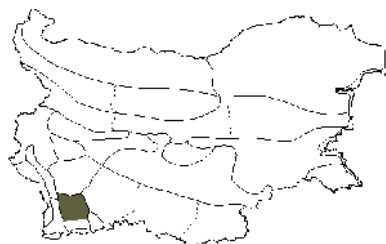
⇅

0

subBoreal

Arabis ferdinandi-coburgii

Kellerer & Sünd.



2800

⇅

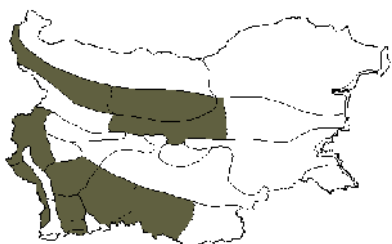
2100

!

Bul

Arabis alpina

L.



2900

⇅

1000

Arct-Alp

Arabis glabra

(L.) Bernh.



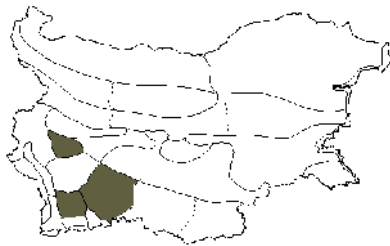
1600

⇅

0

Boreal

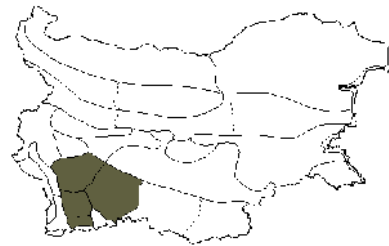
Arabis hirsuta
(L.) Scop.



1200
⇕
0

Boreal

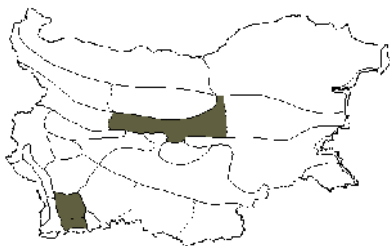
Arabis sudetica
Tausch.



2200
⇕
1700

subMed

Arabis hornungiana
Schur



1000
⇕
0

subMed

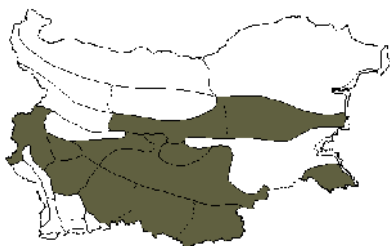
Arabis turrita
L.



1600
⇕
0

subMed

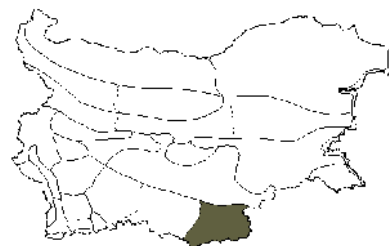
Arabis nova
Vill.



1100
⇕
0

subMed

Arbutus andrachne
L.

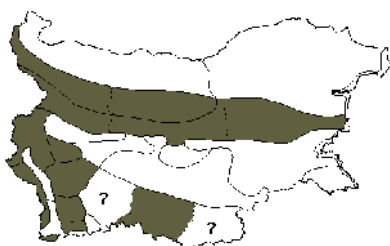


350
⇕
350

!

Med

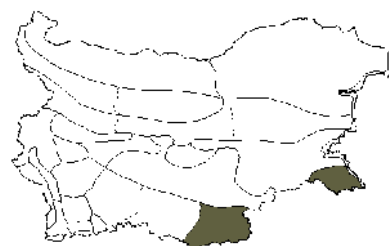
Arabis procurrens
Waldst. & Kit.



1500
⇕
500

Eur

Arbutus unedo
L.



350
⇕
350

!

subMed-As

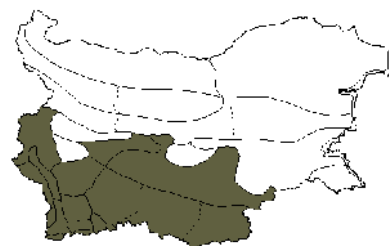
Arabis sagittata
(Bertol.) DC.



1200
⇕
0

Eur-Med

Arceutobium oxycedri
(DC.) M. Bieb.



1100
⇕
300

subMed-As

Arctium lappa
L.



1500
⇕
0

Eur-Med

Aremonia agrimonoides
(L.) DC.



1600
⇕
0

subMed

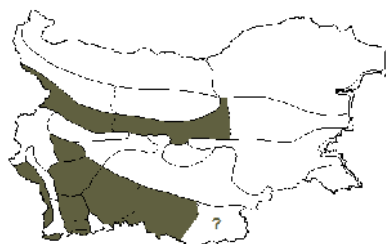
Arctium minus
Bernh.



1000
⇕
0

Eur-As

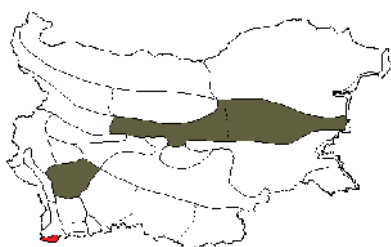
Arenaria biflora
L.



2900
⇕
1500

Alp-Carp-Bal

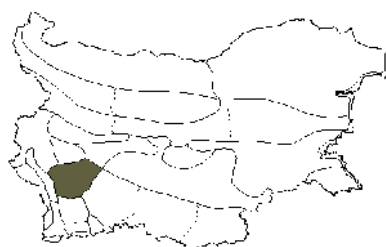
Arctium nemorosum
Lej.



2000
⇕
0

Eur

Arenaria ciliata
L.



2600
⇕
2400

!

Alp

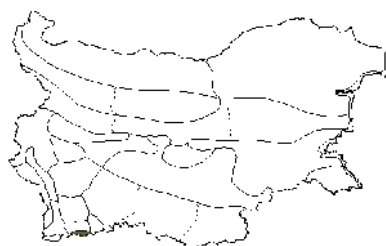
Arctium tomentosum
Mill.



2000
⇕
0

Eur-Med

Arenaria cretica
Spreng.

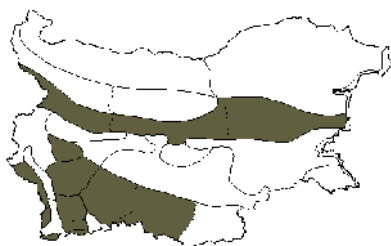


2100
⇕
1900

!

Med

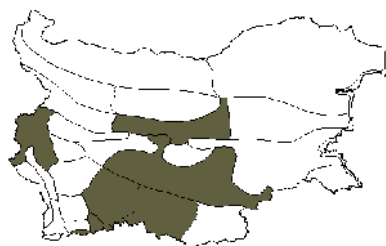
Arctostaphylos uva-ursi
(L.) Spreng.



2500
⇕
1000

Boreal

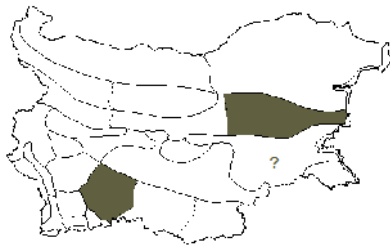
Arenaria filicaulis
Fenzl



1000
⇕
0

Bal-Anat

Arenaria gypsophylloides
L.



700



0



Bal-Anat

Arenaria rigida
M. Bieb.



200



0



subMed

Arenaria leptoclados
(Rchb.) Guss.



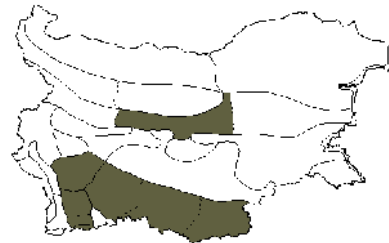
1500



0

Eur-As

Arenaria rotundifolia
M. Bieb.



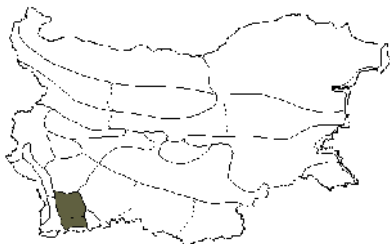
2900



1000

Bal-Anat

Arenaria pirinica
Stoj.



2400



2300



Bul

Arenaria serpyllifolia
L.



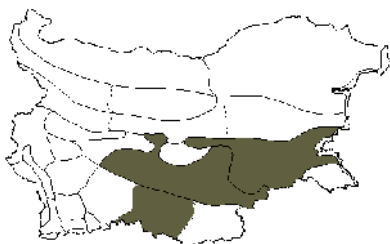
1000



0

Eur-As

Arenaria procera
Spreng.



1000



0

Eur-As

Argusia sibirica
(L.) Dandy



0

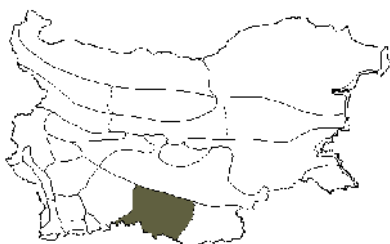


0



Eur-As

Arenaria rhodopaea
Delip.



1300



1200



Bul

Aristolochia clematitis
L.

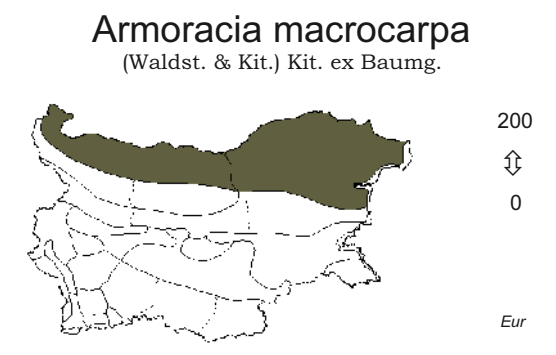
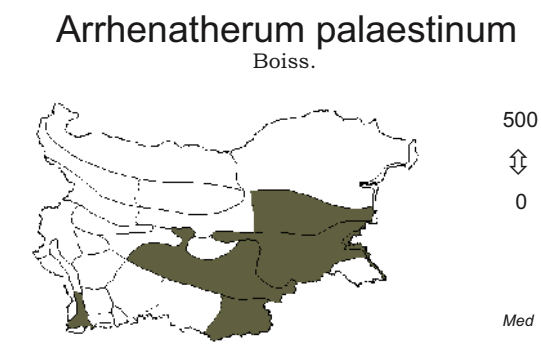
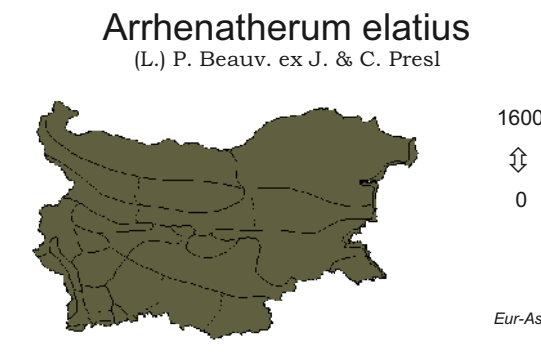
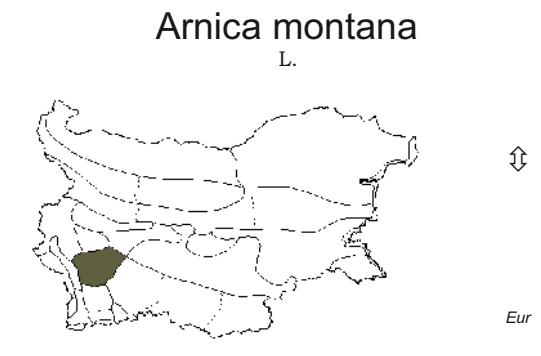
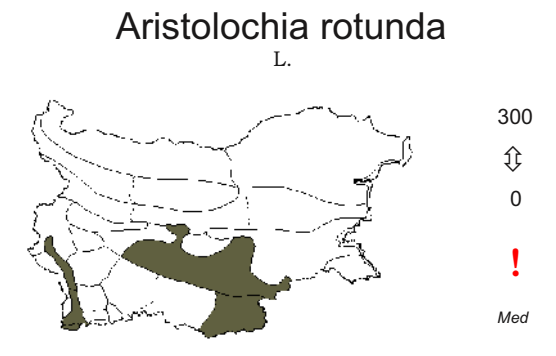
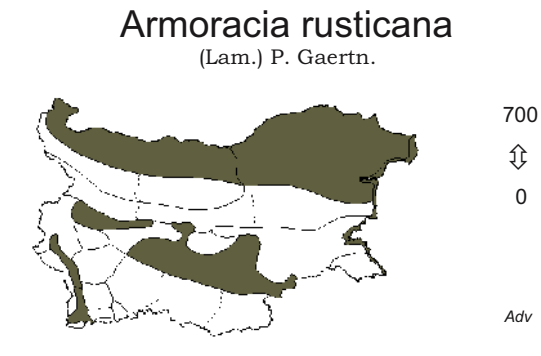


700



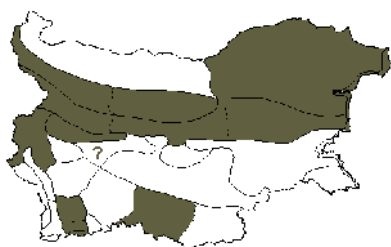
0

Eur-Med



Artemisia alba

L.



1500

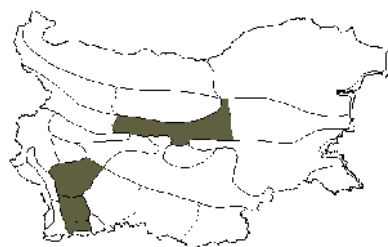


0

subMed

Artemisia eriantha

Ten.



2500



1800



Carp-Bal

Artemisia annua

L.



1000

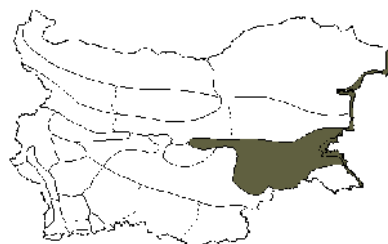


0

Eur-Med

Artemisia lerchiana

Weber



300



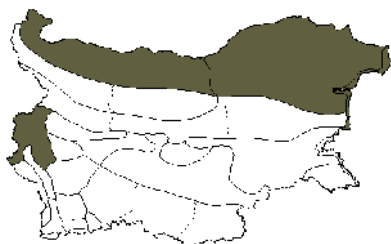
0



subMed

Artemisia austriaca

Jacq.



1000

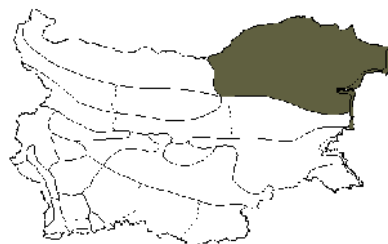


0

Eur-Sib

Artemisia pedemontana

Balb.



100



0



Pont-Med

Artemisia campestris

L.



1000

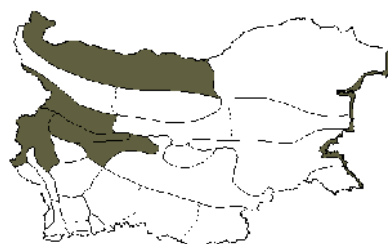


0

Eur-Sib

Artemisia pontica

L.



1500

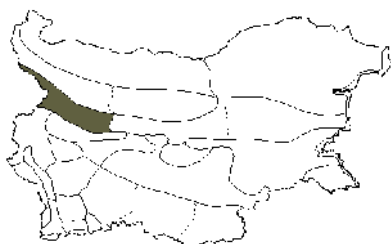


0

Pont

Artemisia chamaemelifolia

Vill.



1500



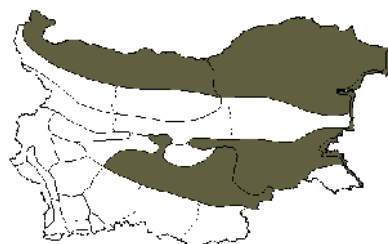
0



Alp-Cauc

Artemisia santonicum

L.



500



0

Eur-Med

Artemisia scoparia

Waldst. & Kit.



1000
⇕
0

Eur-As

Arum maculatum

L.



1800
⇕
0

Eur-subMed

Artemisia vulgaris

L.

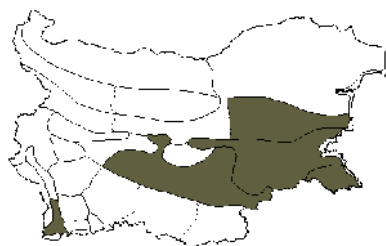


1000
⇕
0

subBoreal

Arum orientale

M. Bieb.

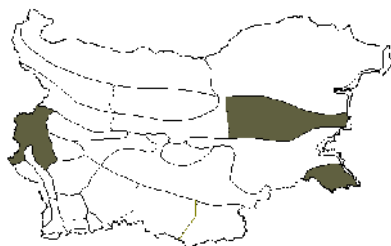


1000
⇕
0

Med

Arum alpinum

Schott & Kotschy



1000
⇕
500

!

Eur

Asarum europaeum

L.

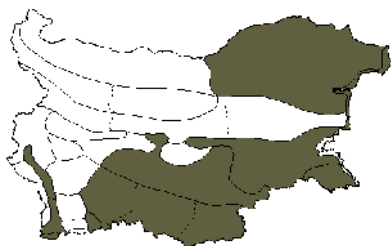


1200
⇕
0

Eur-Sib

Arum elongatum

Steven

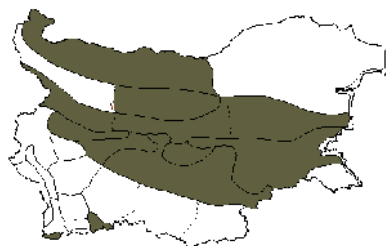


1000
⇕
0

Pont-OT

Asclepias syriaca

L.

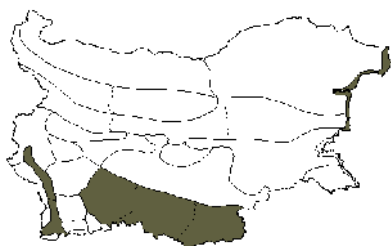


600
⇕
0

Adv

Arum italicum

Mill.

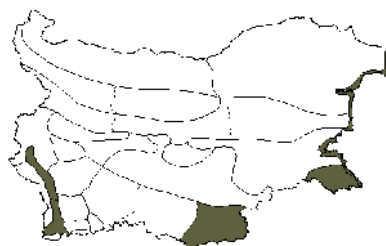


1000
⇕
0

Med

Asparagus acutifolius

L.



1000
⇕
0

Med

Asparagus aphyllus
L.



100
⇕
0

Med

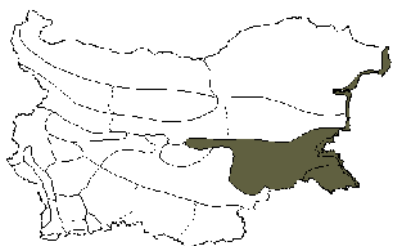
Asparagus verticillatus
L.



1000
⇕
0

Pont-As

Asparagus brachyphyllus
Turcz.



1000
⇕
0

Pont-As

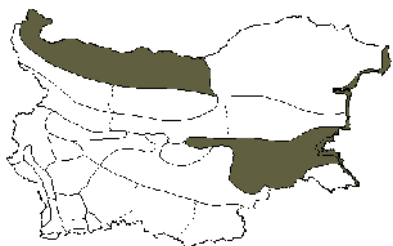
Asperugo procumbens
L.



1000
⇕
0

Eur-As

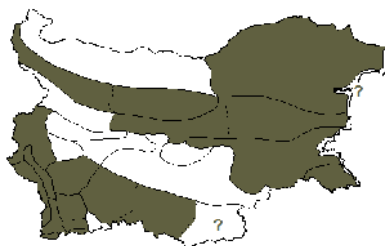
Asparagus maritimus
(L.) Mill.



500
⇕
0

SSib

Asperula aristata
L. f.



2800
⇕
200

subMed

Asparagus officinalis
L.



1000
⇕
0

Eur

Asperula arvensis
L.



1000
⇕
0

Eur-Med

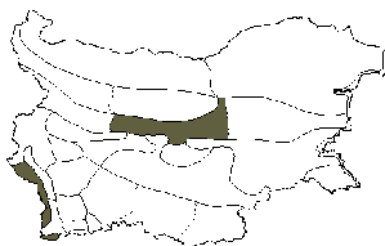
Asparagus tenuifolius
Lam.



2500
⇕
0

Pont-Med

Asperula capitata
Kit. ex Schult.



2000
⇕
1500

Carp-Bal

Asperula cretacea
Willd.



350



200

Pont

Asperula setulosa
Boiss.



1000



0

Pont

Asperula cynanchica
L.



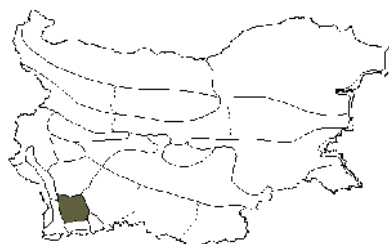
2500



0

Eur-Med

Asperula suberosa
Sibth. & Sm.



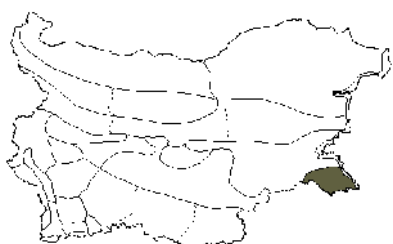
2900



2000

Bal

Asperula involucrata
Wahlenb.



100

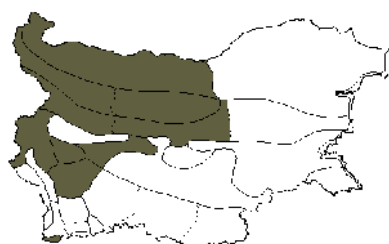


0



Bal-Anat

Asperula taurina
L.



1000



300

Pont-Med

Asperula purpurea
(L.) Ehrend.



1500



300

subMed

Asperula tenella
Heuff. ex Degen



1200



300

subMed

Asperula rumelica
Boiss.



800



0

subMed

Asperula tinctoria
L.



1000

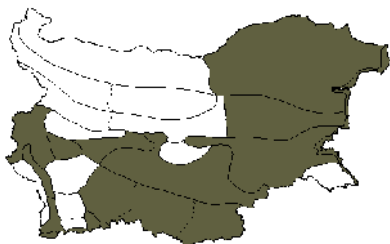


600

Eur-Sib

Asphodeline liburnica

(Scop.) Rchb.



1000

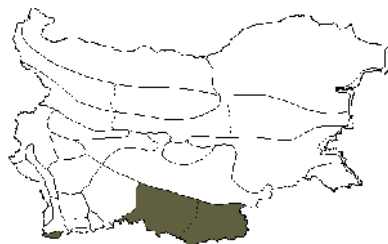


0

Pont-Med

Asplenium cuneifolium

Viv.



2900



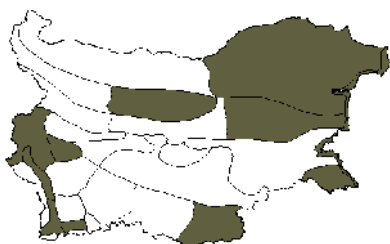
1000



Eur

Asphodeline lutea

(L.) Rchb.



1200



0

Pont-Med

Asplenium fissum

Kit. ex Willd.



2800

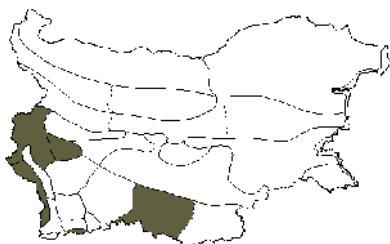


1800

Ap-Bal

Asphodeline taurica

(Pall. ex M. Bieb.) Kunth



2000

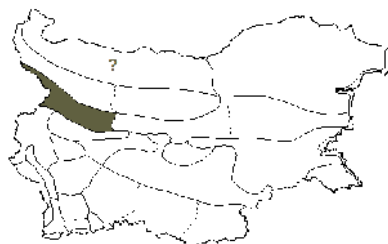


1000

Pont-Med

Asplenium lepidum

C. Presl



700



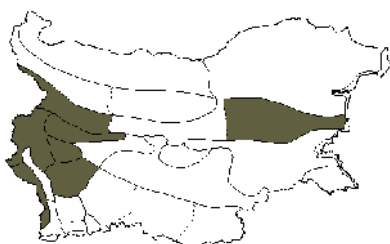
0



Ap-Bal

Asphodelus albus

Mill.



1600



800

subMed

Asplenium onopteris

L.



1900



200

Med-Atl

Asplenium adianthum-nigrum

L.



2200



0

subBoreal

Asplenium ruta-muraria

L.



1500



0

Boreal

Asplenium septentrionale
(L.) Hoffm.



2000
⇕
100

Boreal

Aster linosyris
(L.) Bernh.



1000
⇕
0

Eur-Med

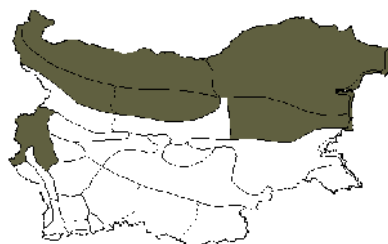
Asplenium trichomanes
L.



1700
⇕
0

Kos

Aster oleifolius
(Lam.) Wagenitz



1000
⇕
0

Pont-Sib

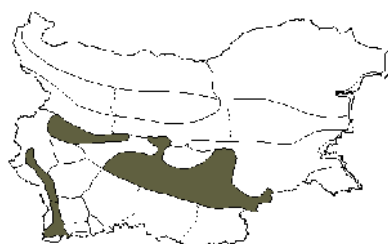
Asplenium viride
Huds.



2300
⇕
800

Boreal

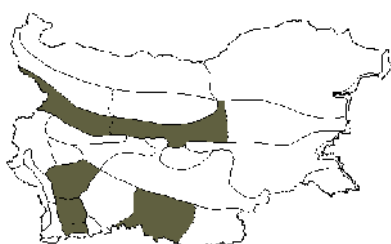
Aster salignus
Willd.



500
⇕
0

Adv

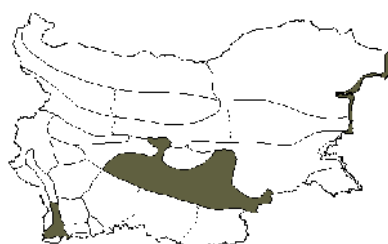
Aster alpinus
L.



2900
⇕
1300

Arct-Alp

Aster squamatus
(Spreng.) Hieron.



200
⇕
0

Adv (Am)

Aster amellus
L.



1000
⇕
0

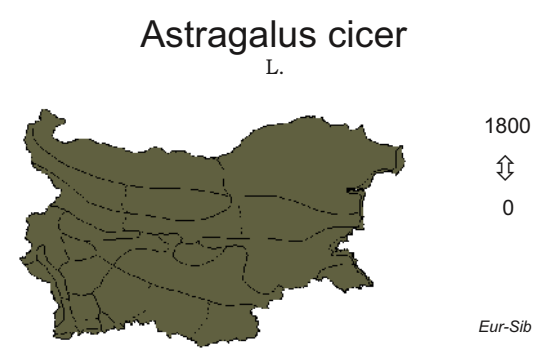
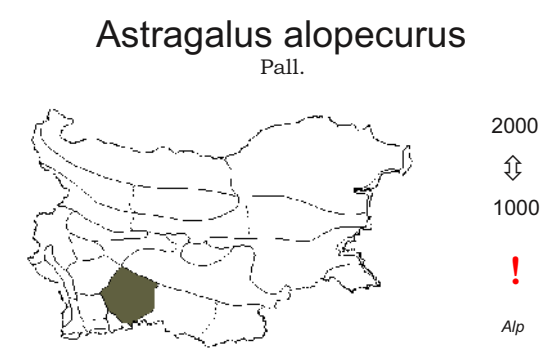
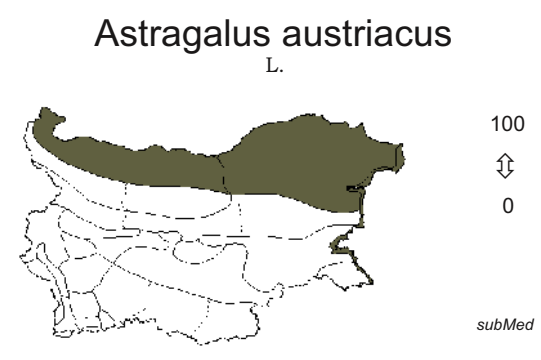
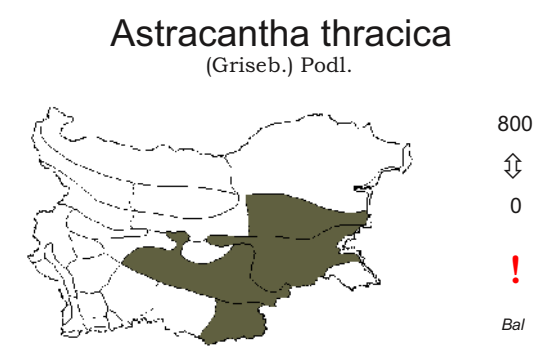
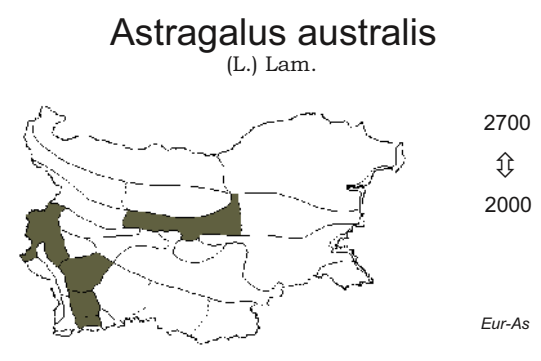
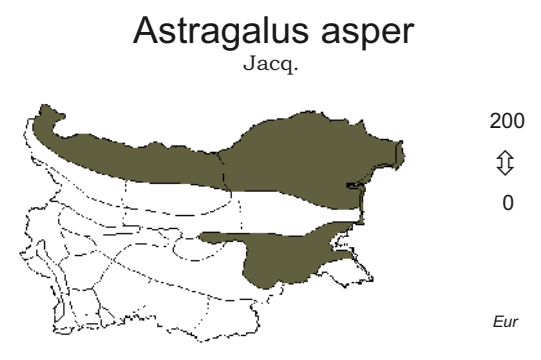
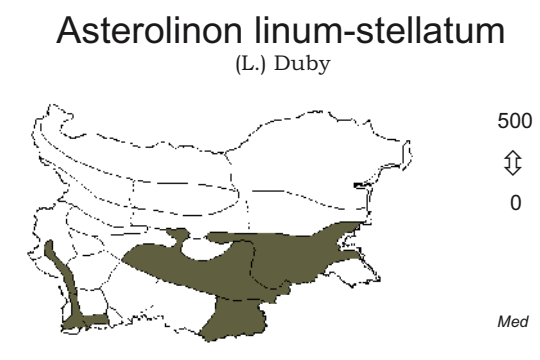
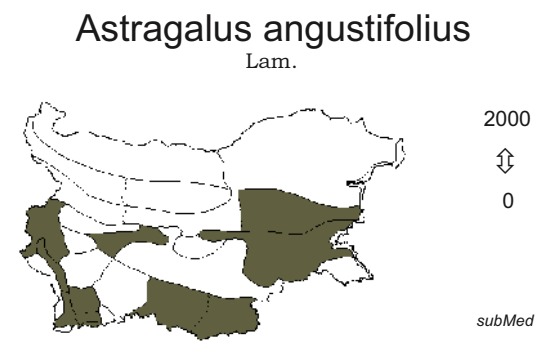
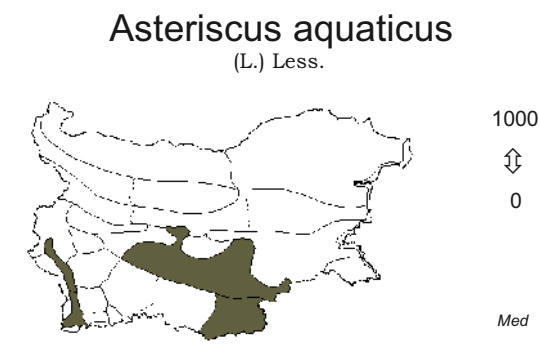
Eur-Med

Aster tripolium
L.

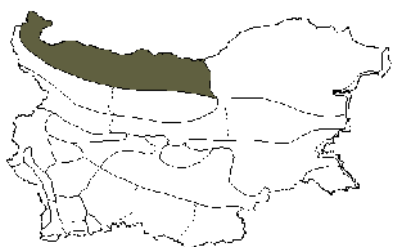


500
⇕
0

Eur-Sib



Astragalus contortuplicatus
L.



100
⇕
0

Eur-As

Astragalus excapus
L.

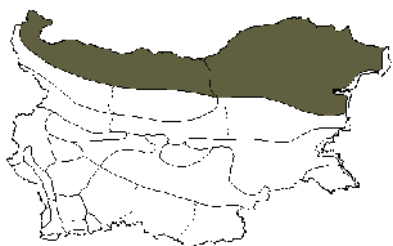


0
⇕
0

!

Eur

Astragalus corniculatus
M. Bieb.

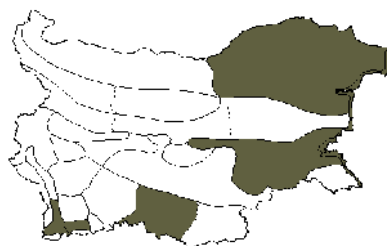


500
⇕
200

!

Pont

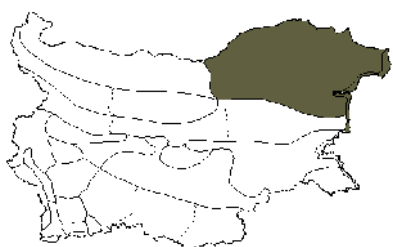
Astragalus gladius
Boiss.



100
⇕
0

Bal-Anat

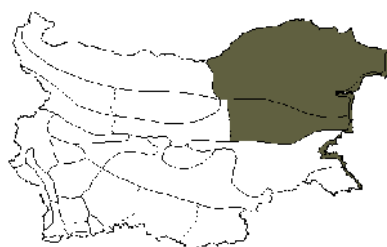
Astragalus cornutus
Pall.



50
⇕
0

Pont-As

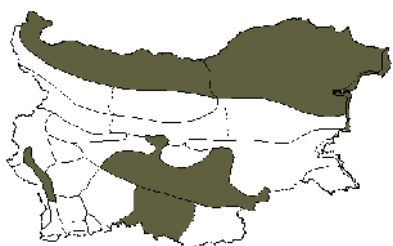
Astragalus glaucus
M. Bieb.



200
⇕
0

Pont

Astragalus dasyanthus
Pall.

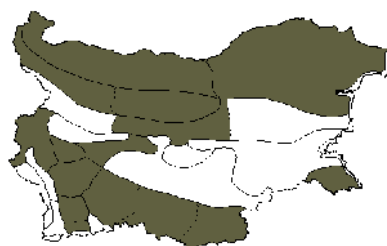


500
⇕
0

!

subMed

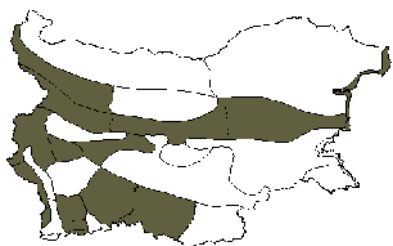
Astragalus glycyphylloides
DC.



1800
⇕
0

subMed

Astragalus depressus
L.



1800
⇕
0

subMed

Astragalus glycyphyllos
L.



1800
⇕
0

SPont

Astragalus hamosus

L.



500

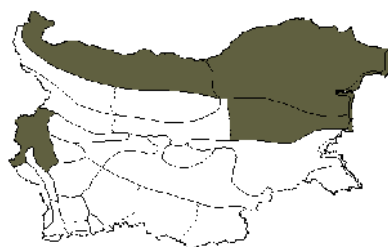


0

Eur-As

Astragalus pubiflorus

DC.



200



0



subMed

Astragalus monspessulanus

L.



1000

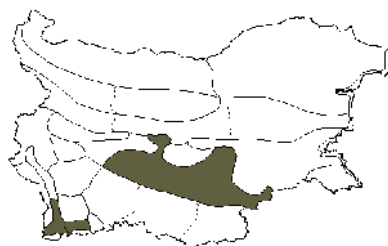


0

Pont-Med

Astragalus sesameus

L.



400



0

Med

Astragalus onobrychis

L.



1500

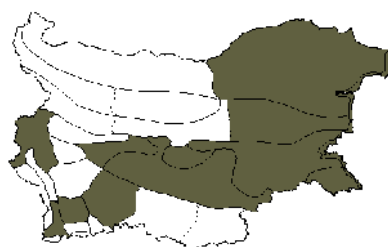


0

Eur-As

Astragalus spruneri

Boiss.



800

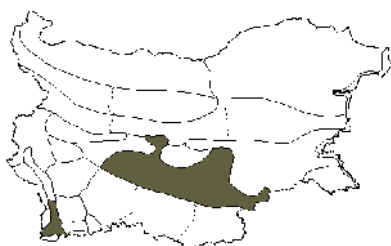


0

Bal-Anat

Astragalus physocalyx

Fisch.



100



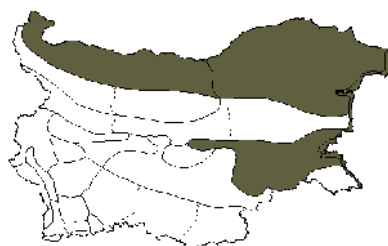
0



Bal-Anat

Astragalus suberosus

Banks & Sol.



500

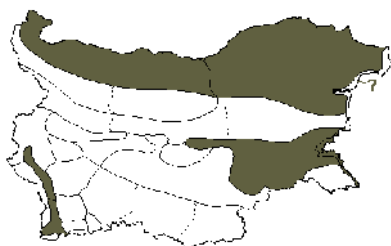


0

Bal-Anat

Astragalus ponticus

Pall.



200

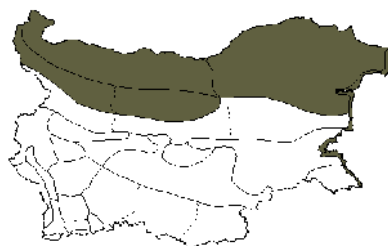


0

Pont-Med

Astragalus varius

S. G. Gmel.



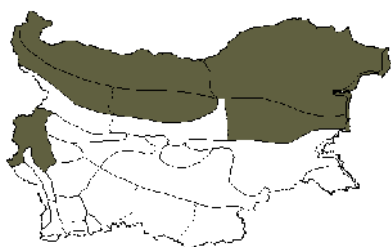
100



0

Pont-As

Astragalus vesicarius
L.



1000
⇕
0

Eur-Med

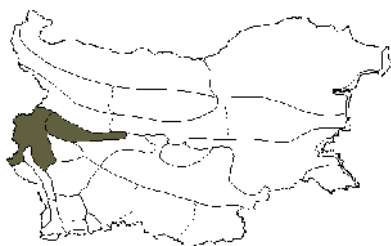
Asyneuma canescens
(Waldst. & Kit.) Griseb. et Schenk



1900
⇕
0

Pont-Bal

Astragalus wilmottianus
Stoj.

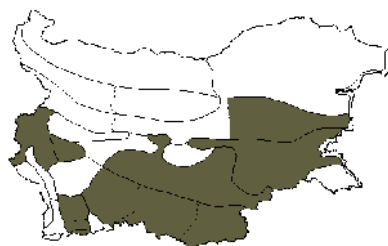


1000
⇕
0

!

Bal

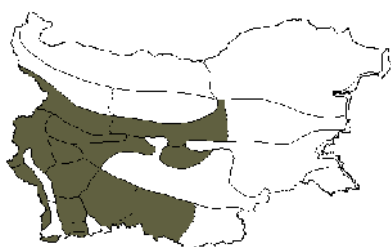
Asyneuma limonifolium
(L.) Janch.



2100
⇕
900

Ap-Bal

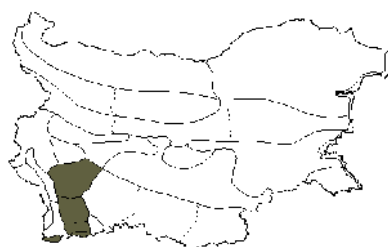
Astrantia major
L.



1900
⇕
800

subMed

Asyneuma pichleri
(Vis.) D. Lakušić & F. Conti



2300
⇕
1200

Bal

Astrodaucus littoralis
(M. Bieb.) Drude

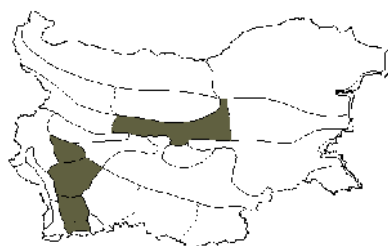


0
⇕
0

!

subMed

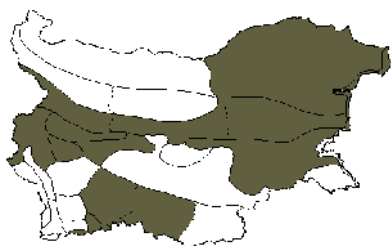
Athyrium distentifolium
Tausch ex Opiz



2900
⇕
2200

Boreal

Asyneuma anthericoides
(Janka) Bornm.



1300
⇕
0

Bal

Athyrium filix-femina
(L.) Roth



2300
⇕
0

Kos

Atriplex hastata
L.



800
⇕
0

Boreal

Atriplex oblongifolia
Waldst. & Kit.



500
⇕
0

Eur-As

Atriplex heterosperma
Bunge



0
⇕
0

Adv

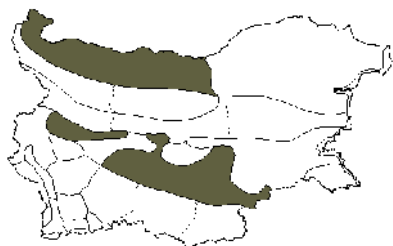
Atriplex patula
L.



600
⇕
0

Boreal

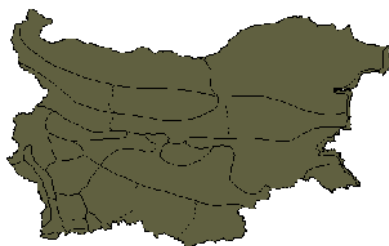
Atriplex hortensis
L.



500
⇕
0

Adv

Atriplex rosea
L.



800
⇕
0

Eur-As

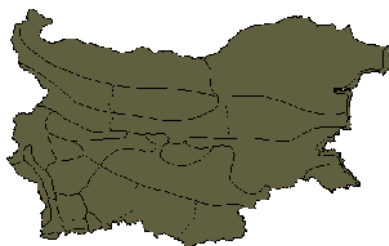
Atriplex micrantha
Ledeb.



0
⇕
0

Pont

Atriplex tatarica
L.



800
⇕
0

Eur-As

Atriplex nitens
Schkuhr



1000
⇕
0

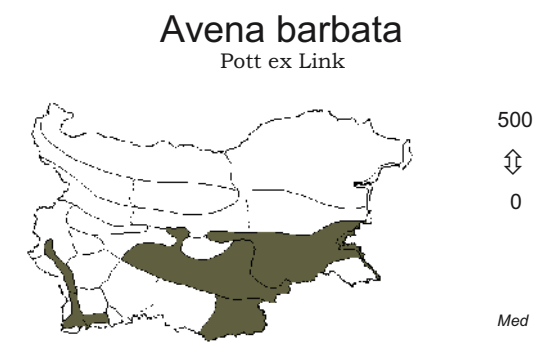
Eur-As

Atropa bella-donna
L.



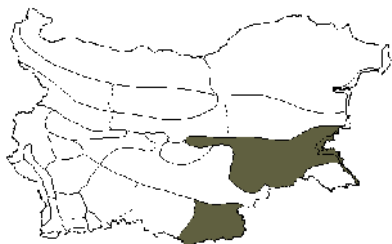
1800
⇕
450

Eur



Avena wiestii

Steud.



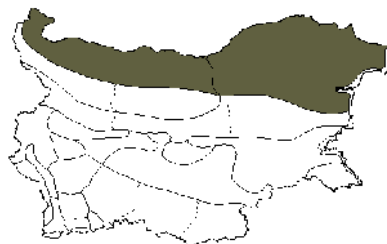
800



0

Azolla caroliniana

Willd.



100

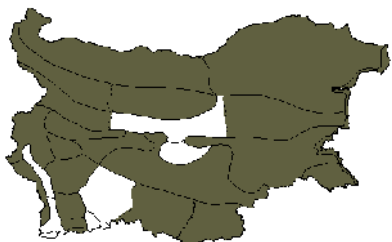


0

Boreal

Avenula compressa

(Heuffel) Sauer & Chmelitschek



1000

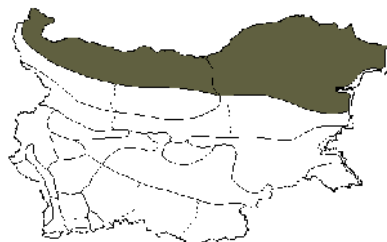


0

Bal-Dac

Azolla filiculoides

Lam.



100

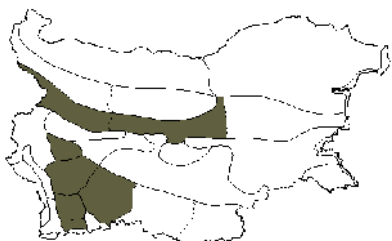


0

Boreal

Avenula planiculmis

(Schrad.) Sauer & Chmelitschek



2000



1500

Bal-Anat

Ballota nigra

L.



1000



0

Eur-Med

Avenula pubescens

(Huds.) Dumort.



1500

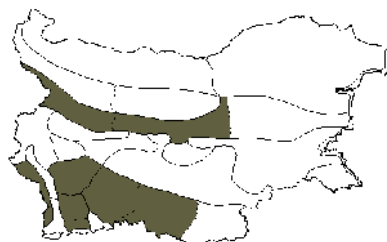


0

SSib

Barbarea balcana

Pančić



2200

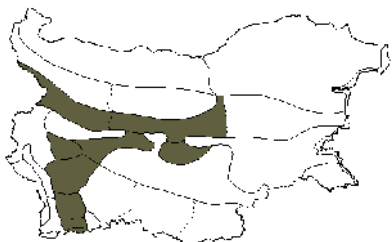


1600

Bal

Avenula versicolor

(Vill.) Lainz



2400

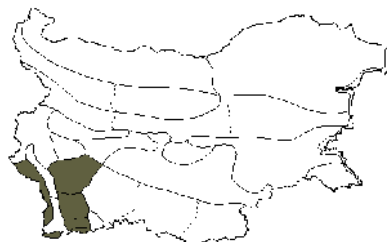


1700

Alp-Carp-Bal

Barbarea bracteosa

Guss.

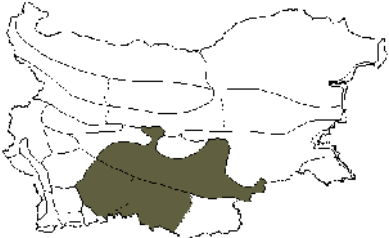


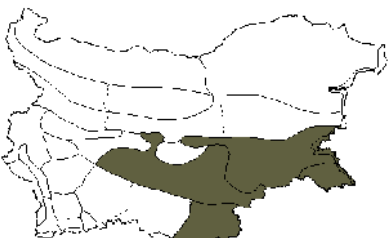

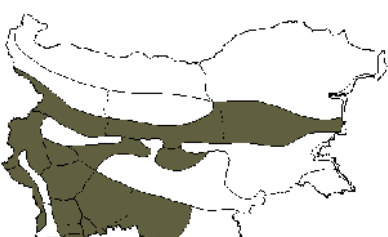
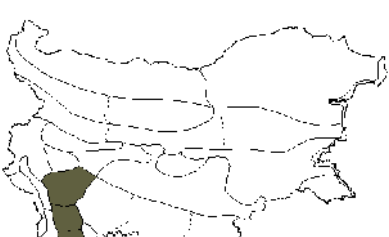

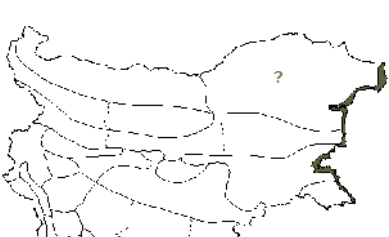
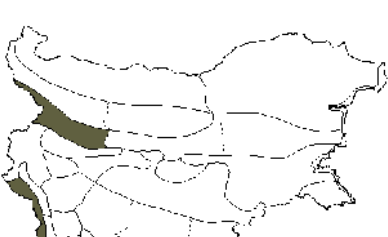


2100



1500

Ap-Bal

<p>Barbarea longirostris Velen.</p>  <p>1500 ⇕ 0 <i>Bal</i></p>	<p>Beckmannia eruciformis (L.) Host</p>  <p>1000 ⇕ 0 <i>subBoreal</i></p>
<p>Barbarea stricta Andrz.</p>  <p>500 ⇕ 0 <i>Eur-As</i></p>	<p>Bellardia trixago (L.) All.</p>  <p>300 ⇕ 0 <i>Med</i></p>
<p>Barbarea vulgaris R. Br.</p>  <p>1200 ⇕ 0 <i>Eur-As</i></p>	<p>Bellardiochloa violacea (Bellardi) Chiov.</p>  <p>2600 ⇕ 400 <i>subMed-Anat</i></p>
<p>Bartsia alpina L.</p>  <p>2600 ⇕ 2100 <i>Boreal</i></p>	<p>Bellevalia sarmatica (Pall. ex Georgi) Woronov</p>  <p>100 ⇕ 0 ! <i>Pont</i></p>
<p>Bassia hirsuta (L.) Asch.</p>  <p>0 ⇕ 0 ! <i>Eur-As</i></p>	<p>Bellis annua L.</p>  <p>2000 ⇕ 0 <i>Med</i></p>

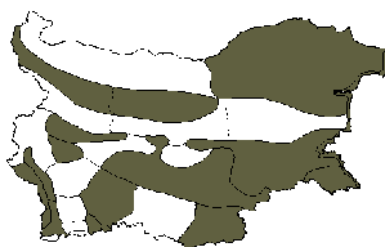
Bellis perennis
L.



1200
⇕
0

Eur-As

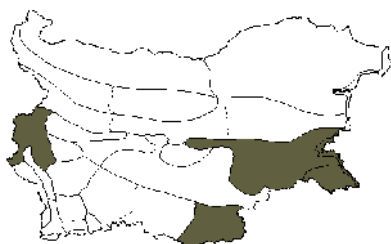
Berteroa obliqua
(Sm.) DC.



500
⇕
0

Med

Bellis sylvestris
Cyr.



500
⇕
0

Med

Berula erecta
(Huds.) Coville



800
⇕
0

Eur-Sib

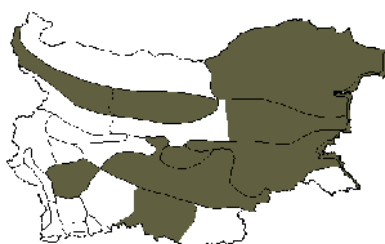
Berberis vulgaris
L.



1000
⇕
0

Eur-Med

Beta trigyna
Waldst. & Kit.



600
⇕
0

Med

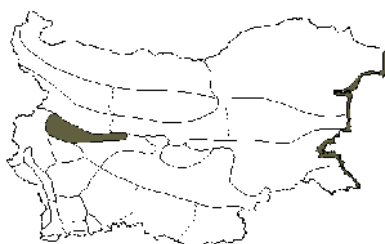
Berteroa incana
(L.) DC.



1500
⇕
0

SPont

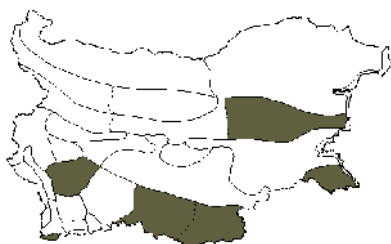
Beta vulgaris
L.



1000
⇕
0

subMed

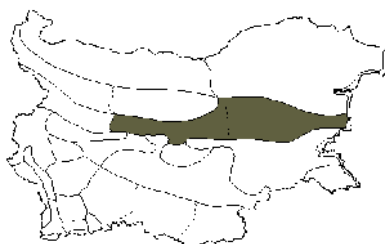
Berteroa mutabilis
(Vent.) DC.



800
⇕
0

Med

Betonica bulgarica
Degen & Nejceff



1500
⇕
1000

Bul

Betonica haussknechtii

Uechtr. ex Hausskn.



1000



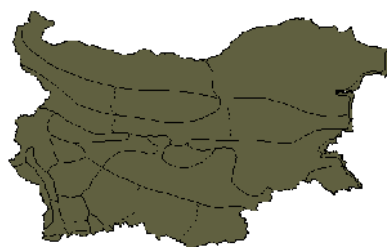
600



Bal-Anat

Bidens cernua

L.



1000



0

Boreal

Betonica officinalis

L.



1500

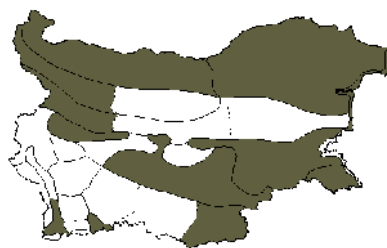


0

subMed

Bidens frondosus

L.



500



0

Adv (NAm)

Betonica scardica

Griseb.



1000



600



Bal

Bidens tripartita

L.



1000



0

Boreal

Betula pendula

Roth



2000

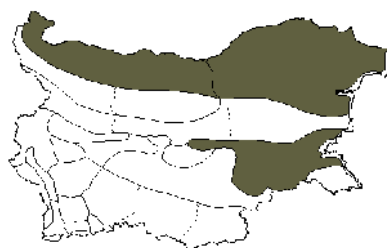


0

Eur-Sib

Bidens vulgatus

Greene



500



0

Adv (NAm)

Bidens bipinnatus

L.



100



0

Adv (SAm)

Bifora radians

M. Bieb.



1300

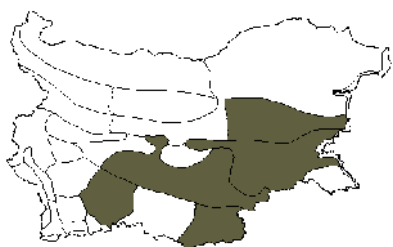


800

Eur-Med

Bifora testiculata

(L.) Roth



500

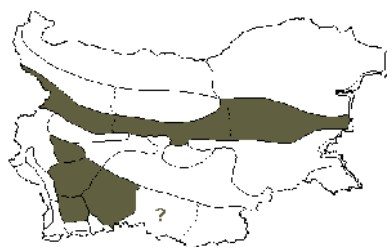


0

Med-CAs

Bistorta vivipara

(L.) Gray



2750



1600

Boreal

Bilderdykia convolvulus

(L.) Dumort.



1900

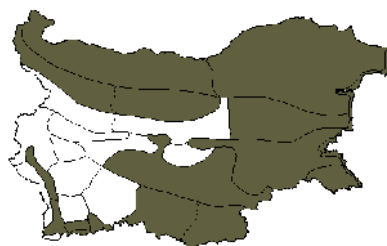


0

Eur-As

Bituminaria bituminosa

(L.) Stirt.



1000



0

Pont-Med

Bilderdykia dumetorum

(L.) Dumort.



1100



0

Eur-Med

Blackstonia perfoliata

(L.) Huds.



700



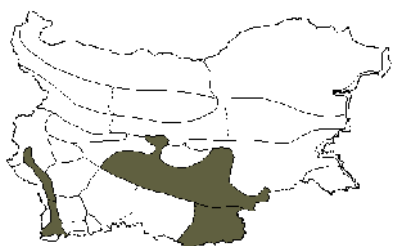
0



subMed

Biserrula pelecinus

L.



200

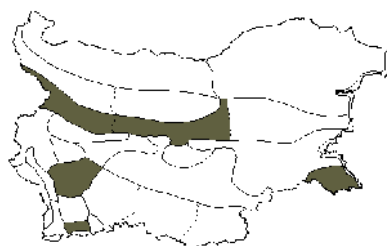


0

Med

Blechnum spicant

(L.) Roth



1900

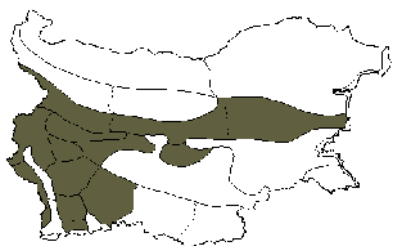


200

Boreal

Bistorta major

Gray



2200

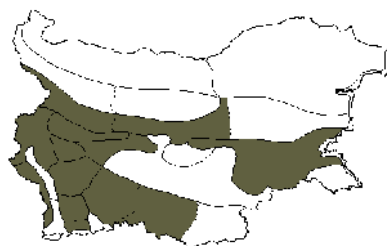


700

Eur-As

Blysmus compressus

(L.) Panz. ex Link



2300

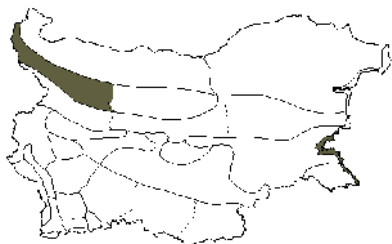


500

Eur-As

Bolboschoenus laticarpus

Marhold, Hroudová, Doucháček & Zákřavský



700

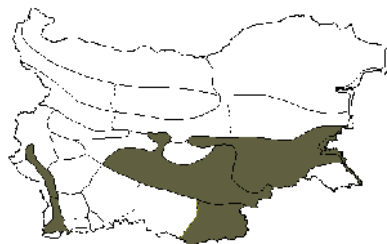


0

Eur

Brachiaria eruciformis

(Sm.) Griseb.



300



0

Med-CAs

Bolboschoenus maritimus

(L.) Pall.



1000

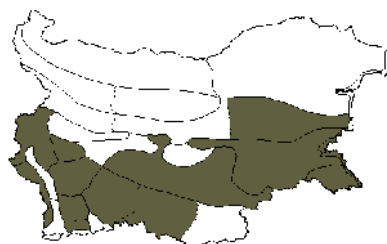


0

Kos

Brachypodium glaucovirens

Murb.



1200



0

Eur-OT

Bombycilaena erecta

(L.) Smoljan.



1000



0

Eur-Med

Brachypodium pinnatum

(L.) P. Beauv.



2200

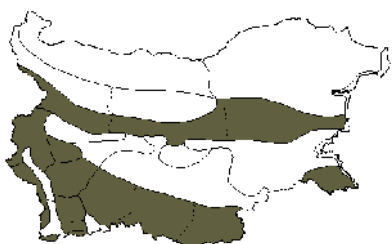


0

SSib

Botrychium lunaria

(L.) Sw.



2500



1000

Boreal

Brachypodium sylvaticum

(Huds.) P. Beauv.



1600

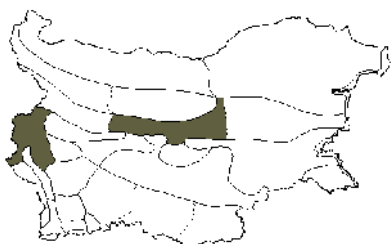


0

Eur-As

Botrychium matricariifolium

A. Braun ex Koch



1500



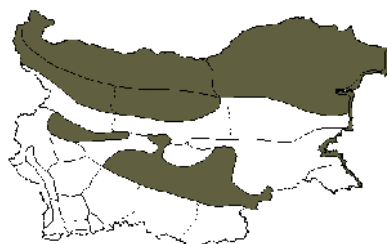
1000



Boreal

Brassica elongata

Ehrh.

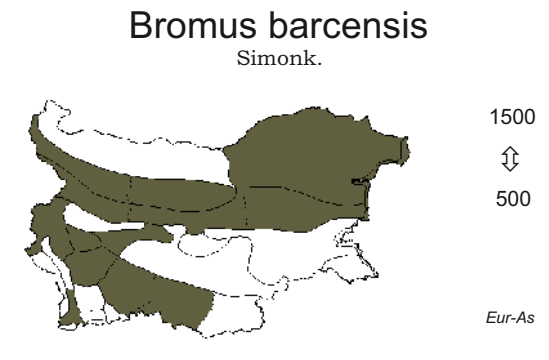
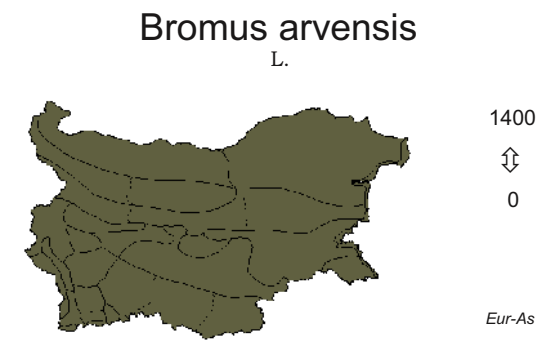
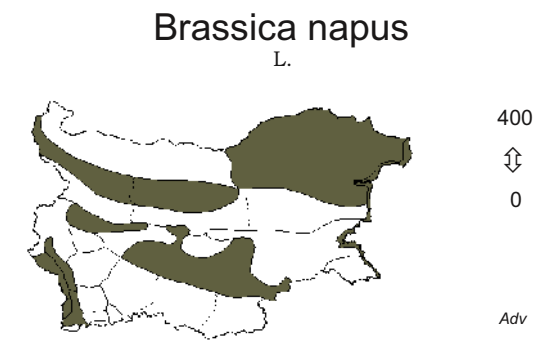
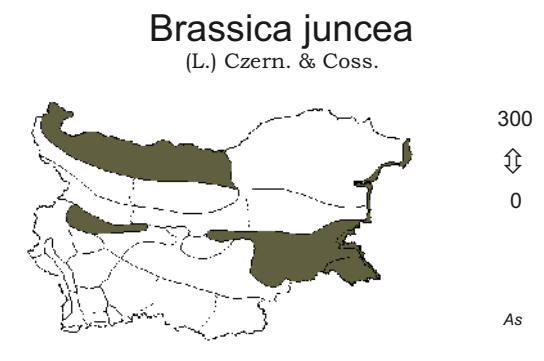
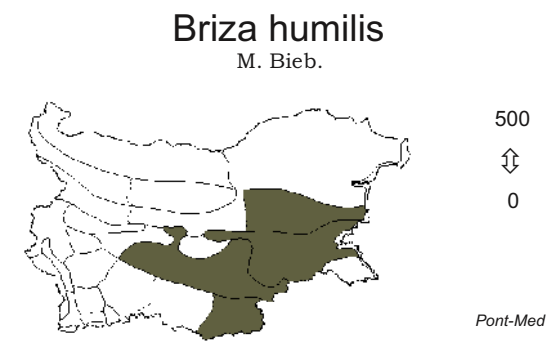
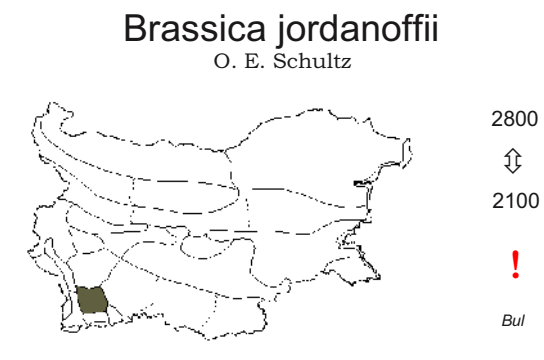


500



0

Eur-As



Bromus benekenii

(Lange) Trimen



1500



1000

Eur-As

Bromus japonicus

Thunb.



800



0

Med-CAs

Bromus commutatus

Schrad.



600

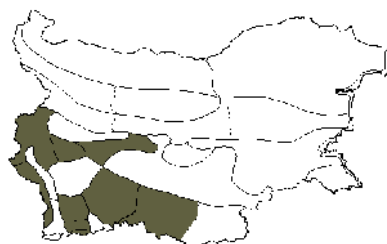


0

subMed

Bromus lacmonicus

Hauskn.



2000

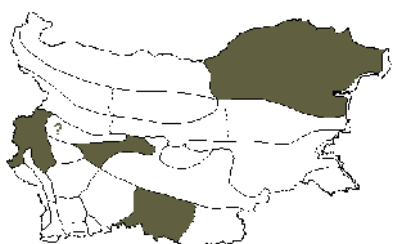


1600

Bal

Bromus erectus

Huds.



800

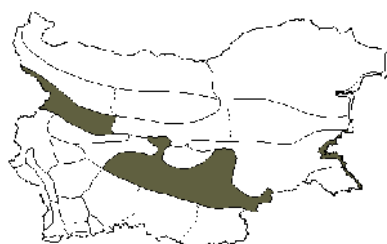


0

subMed

Bromus lanceolatus

Roth



200



0

Eur-As

Bromus inermis

Leyss.



1200

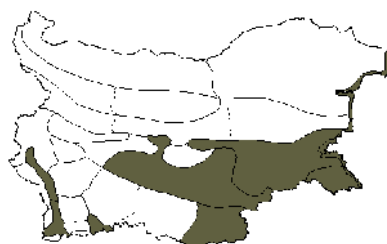


0

Eur-As

Bromus madritensis

L.



500

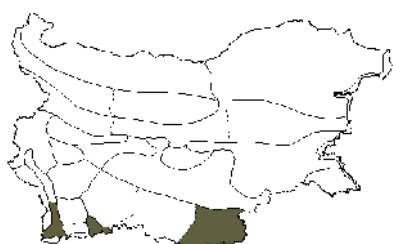


0

Med

Bromus intermedius

Guss.



1000

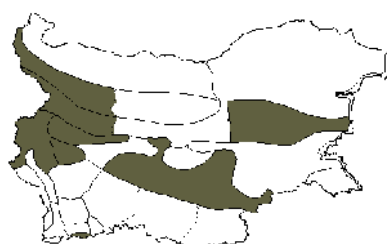


0

Med-subMed

Bromus moesiacus

Velen.



800



0

Bul

Bromus mollis
L.



1600
⇕
0

Boreal

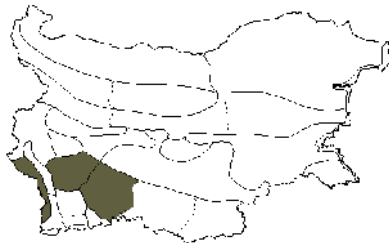
Bromus ramosus
Huds.



1500
⇕
300

subMed-As

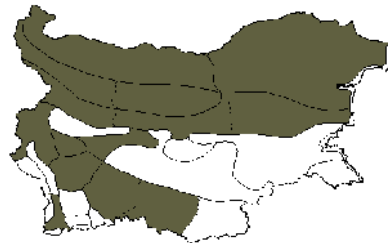
Bromus orbelicus
(Velen.) Petrova, Kožucharov & Ehrend.



2000
⇕
1000

Bul

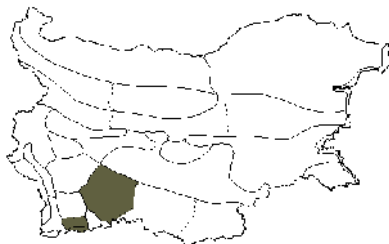
Bromus riparius
Rehmann



1000
⇕
0

Pont

Bromus parilicus
Petrova, Kožucharov & Ehrend.



2000
⇕
1000

Bul

Bromus scoparius
L.



800
⇕
0

subMed

Bromus parvispiculatus
H. Scholz



100
⇕
0

Bromus secalinus
L.



1300
⇕
0

subBoreal

Bromus racemosus
L.



1000
⇕
0

Eur

Bromus squarrosus
L.



2900
⇕
0

subMed

Bromus sterilis

L.



600



0

Boreal

Bryonia alba

L.



1000



0

Eur-OT

Bromus tectorum

L.



1000

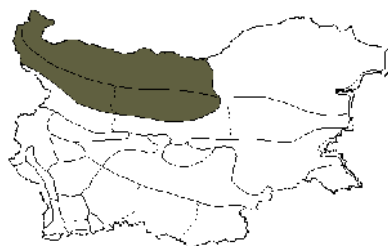


0

Boreal

Bryonia cretica

L.



400

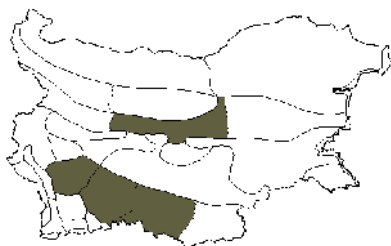


200

Med

Bromus transsilvanicus

Steud.



1500

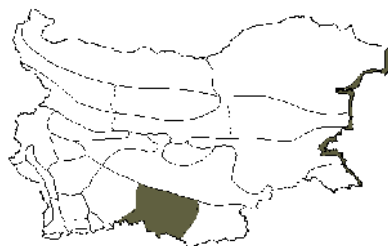


0

Carp-Bal

Budleya davidii

Franch.



500



0

Adv

Broussonetia papyrifera

L.



50

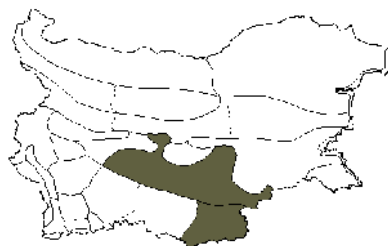


0

Adv (EAs)

Bufonia paniculata

Dubois



200

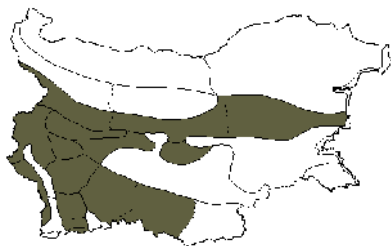


0

Med

Bruckenthalia spiculifolia

(Salisb.) Rchb.



2250



1000

subMed

Bufonia tenuifolia

L.



1000



0

Eur

Buglossoides arvensis

(L.) I. M. Johnst.



1500

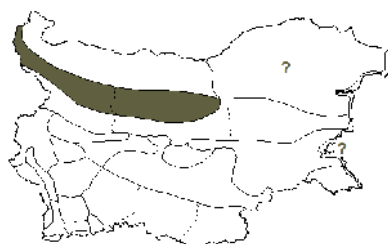


0

Eur-As

Buglossoides tenuiflora

(L. f.) I. M. Johnst.



200



0

Pont-Med

Buglossoides glandulosa

(Velen.) R. Fern.



300



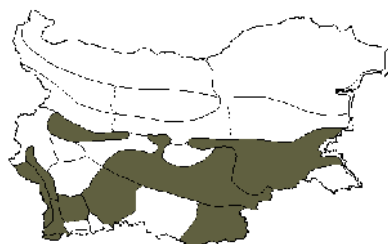
100



subMed

Bunias erucago

L.



500

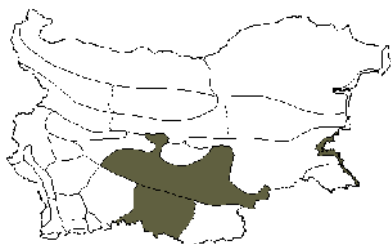


0

Med

Buglossoides incrassata

(Guss.) I. M. Johnst.



500

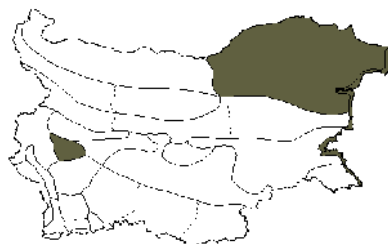


0

Med

Bunias orientalis

L.



300



0

Eur-Sib

Buglossoides purpureocaerulea

(L.) I. M. Johnst.



1000

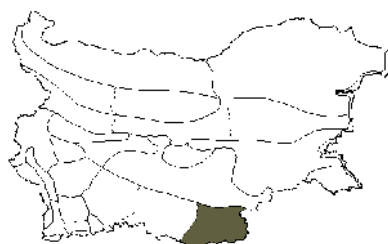


0

Eur-As

Bunium ferulaceum

Sm.



500



0



Med

Buglossoides sibthorpiana

(Griseb.) Czerep.



1000

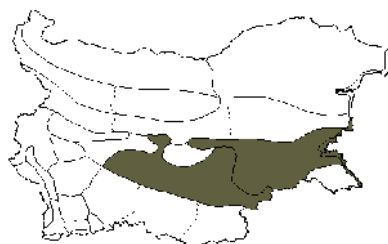


0

Med

Bupleurum aequiradiatum

(H. Wolff) Snogerup & B. Snogerup



800

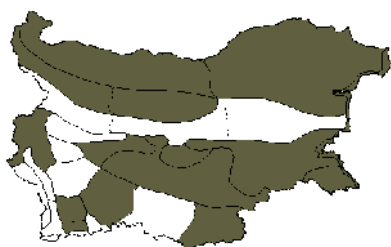


0

Bal

Bupleurum affine

Sadler



800

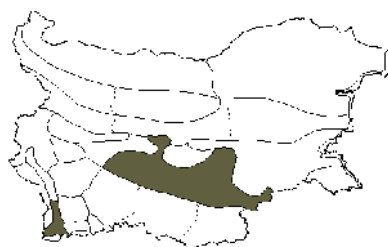


0

subMed

Bupleurum euboicum

Beauverd & Topali



500

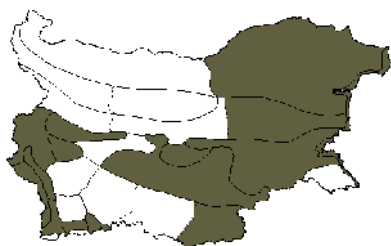


0

EMed

Bupleurum apiculatum

Friv.



400

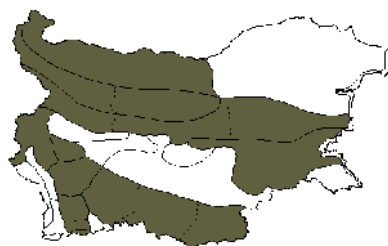


0

subBal

Bupleurum falcatum

L.



1700

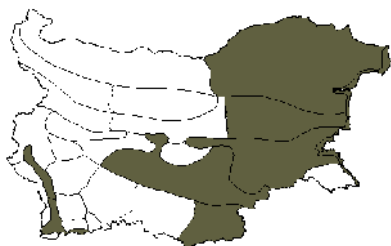


300

subMed

Bupleurum asperuloides

Heldr. ex Boiss.



300

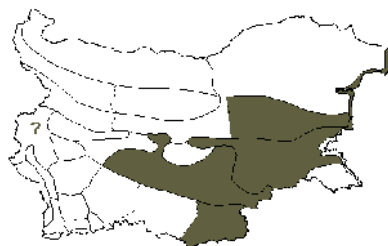


0

subMed

Bupleurum flavum

Forssk.



800

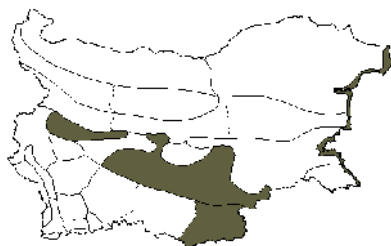


0

Med

Bupleurum baldense

Turra



500

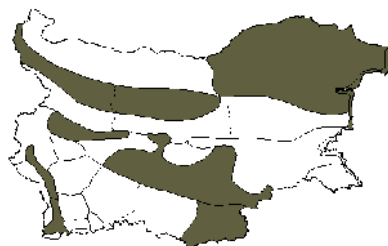


0

Eur

Bupleurum gerardi

All.



600



0

Eur-As

Bupleurum commutatum

Boiss. & Balansa



800

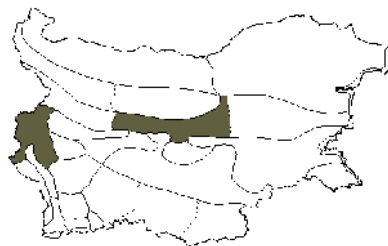


0

Pont-Med

Bupleurum longifolium

L.



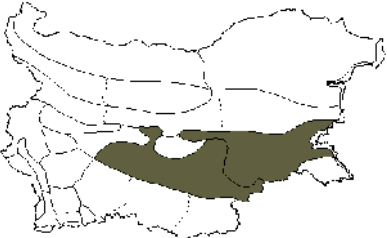
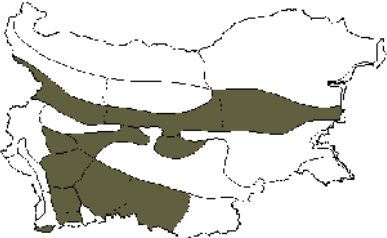
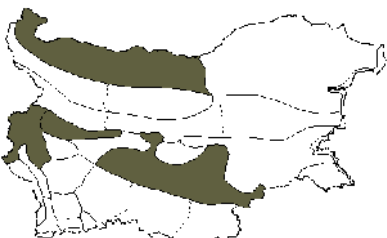


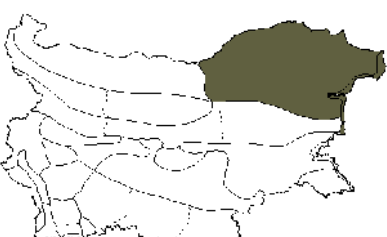
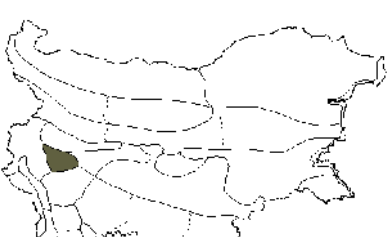


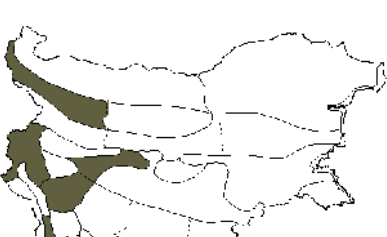
1800



1100



Eur-As

<p>Bupleurum odontites L.</p>  <p>400 ⇕ 0 <i>Med</i></p>	<p>Bupleurum sibthorpiatum Sm.</p>  <p>2700 ⇕ 1300 <i>subMed</i></p>
<p>Bupleurum pachnospermum Pančić</p>  <p>800 ⇕ 0 <i>SEEur</i></p>	<p>Bupleurum tenuissimum L.</p>  <p>800 ⇕ 0 <i>Eur-Med</i></p>
<p>Bupleurum praealtum L.</p>  <p>800 ⇕ 0 <i>subMed</i></p>	<p>Bupleurum uechtritizianum S. Stoyanov</p>  <p>500 ⇕ 0 <i>Bal</i></p>
<p>Bupleurum ranunculoides L.</p>  <p>2000 ⇕ 1700 ! <i>Eur</i></p>	<p>Butomus umbellatus L.</p>  <p>700 ⇕ 0 <i>Eur-As</i></p>
<p>Bupleurum rotundifolium L.</p>  <p>1000 ⇕ 0 <i>Eur-As</i></p>	<p>Cachrys alpina M. Bieb.</p>  <p>1100 ⇕ 250 ! <i>Pont</i></p>

Cakile maritima

Scop.



0

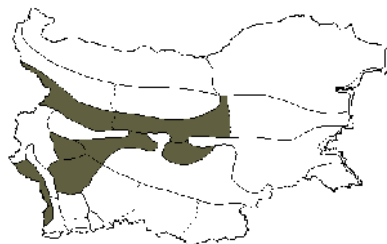


0

Eur-Med

Calamagrostis villosa

(Chaix) J. F. Gmel.



2300



1500

Eur

Calamagrostis arundinacea

(L.) Roth



2000

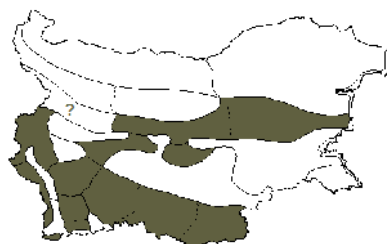


300

subBoreal

Calamintha grandiflora

(L.) Moench



2000



200

Pont-OT

Calamagrostis canescens

(Weber) Roth



1500



1000

Eur-Sib

Calamintha nepeta

(L.) Savi



1000



0

Eur-Med

Calamagrostis epigeios

(L.) Roth



2000



0

Eur-As

Calamintha sylvatica

Bromf.



1500

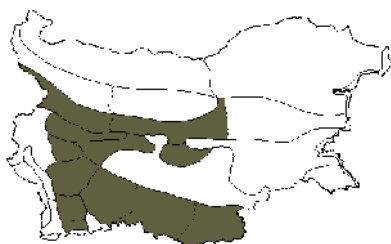


200

Eur-OT

Calamagrostis pseudophragmites

(Haller f.) Koeler



1500



0

Eur-As

Caldesia parnassifolia

(L.) Pall.



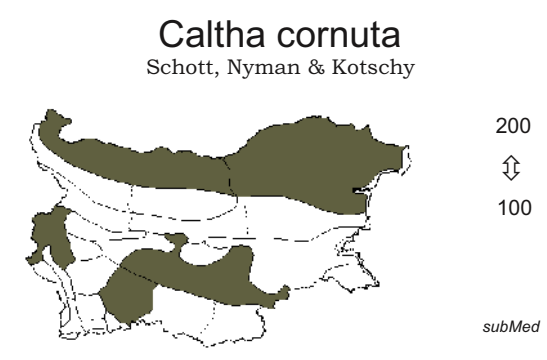
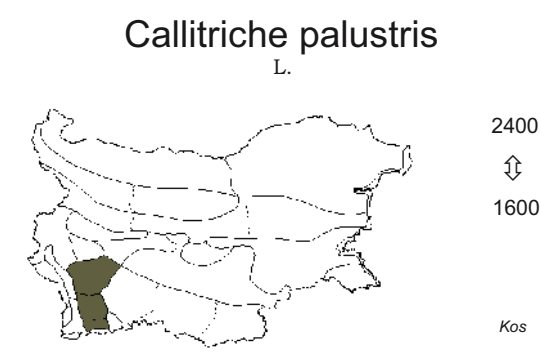
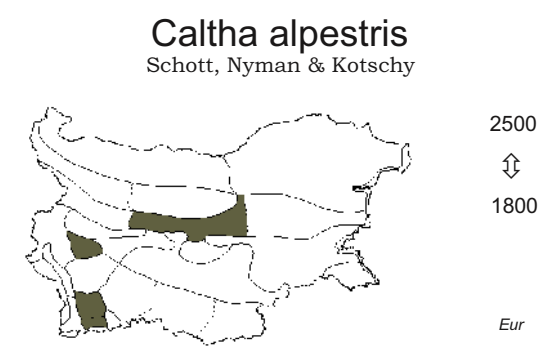
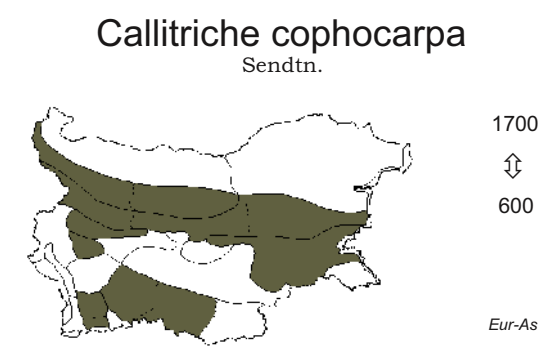
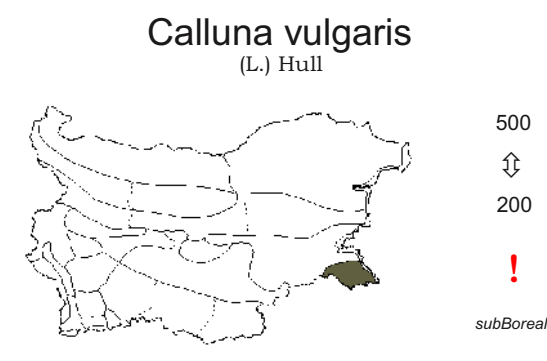
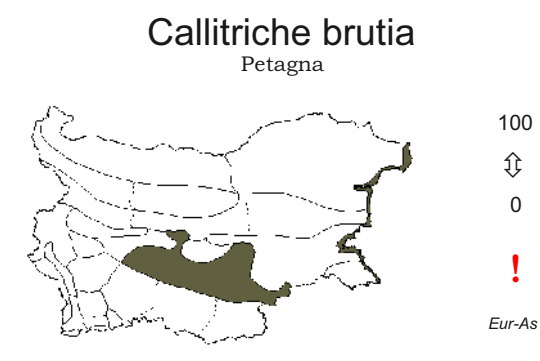
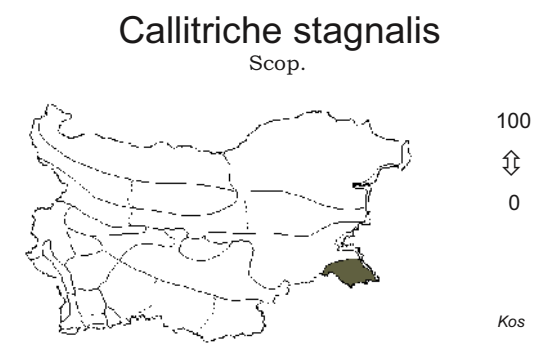
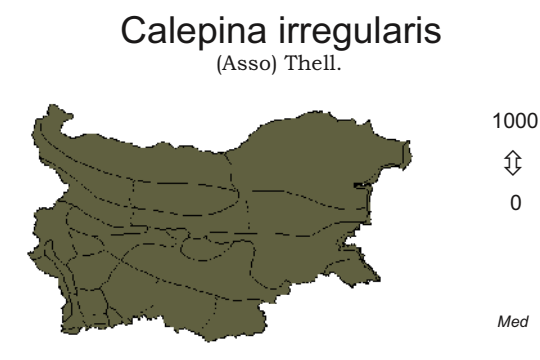
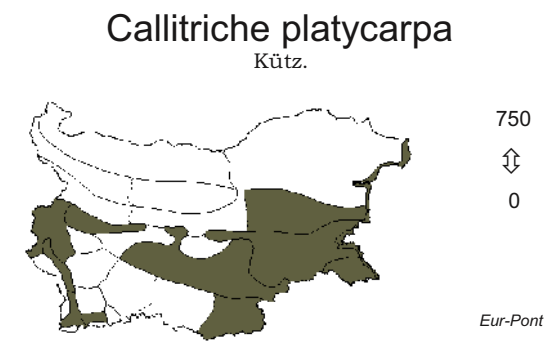
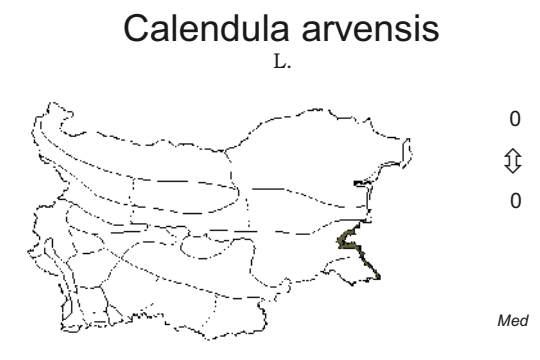
500



0

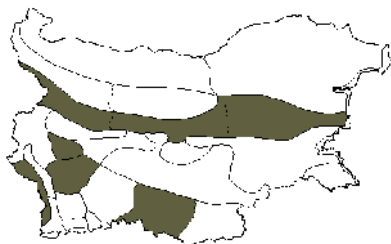


Eur-As



Caltha laeta

Schott, Nyman & Kotschy



2000



1500

subMed

Calystegia sepium

(L.) R. Br.



1000

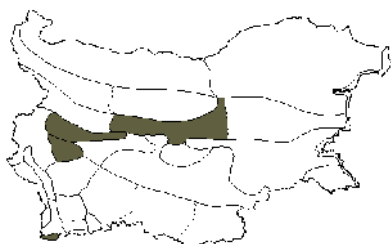


0

Kos

Caltha minor

Mill.



1700



500

Boreal

Calystegia silvatica

(Kit.) Griseb.



1000

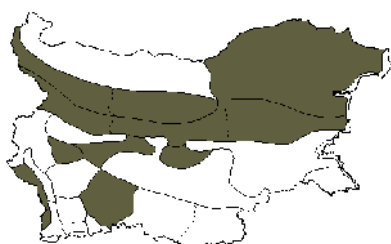


0

Med

Caltha palustris

L.



1600



0

Eur

Calystegia soldanella

(L.) R. Br.



0



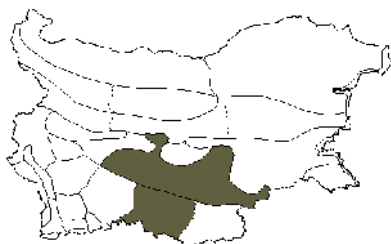
0



Kos

Caltha polypetala

Hochst. ex Lorent



700

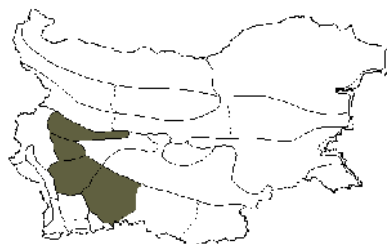


500

Pont-Med

Camelina alyssum

(Mill.) Thell.



1300

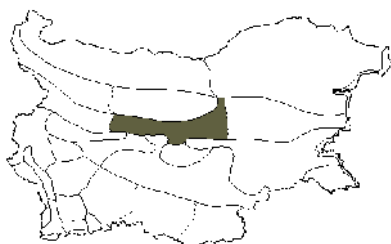


0

Eur-As

Caltha rostrata

Borbás



2200

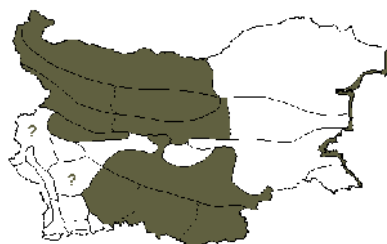


1700

Eur

Camelina microcarpa

DC.



1000



0

Pont-CAs

Camelina rumelica

Velen.



800

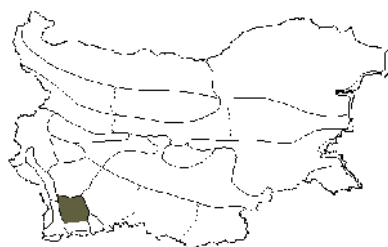


0

Pont-CAs

Campanula cochlearifolia

Lam.



2900

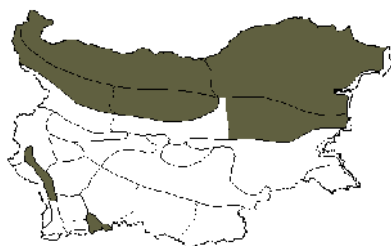


1900

Alp-Carp

Camelina sativa

(L.) Crantz



1000

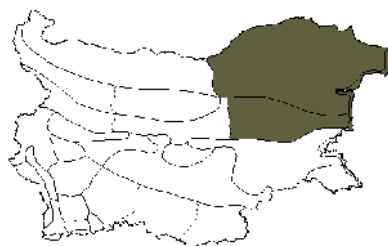


0

Pont-CAs

Campanula euxina

(Velen.) Ančev



500



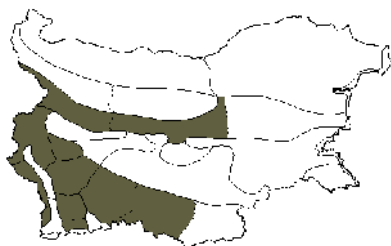
0



Bul

Campanula alpina

Jacq.



2900



1700

Alp-Carp

Campanula foliosa

Ten.



SEEur

Campanula bononiensis

L.



1500

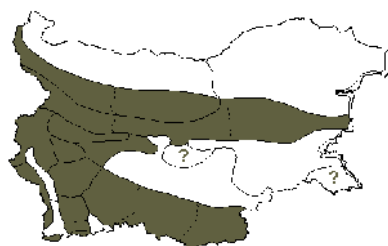


0

Eur

Campanula glomerata

L.



2300

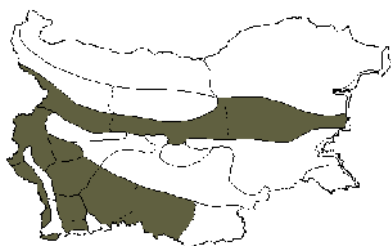


900

Eur-OT

Campanula cervicaria

L.



2300

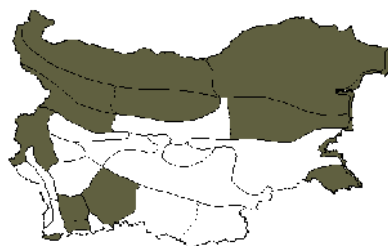


700

SPont

Campanula grossekii

Heuff.



1300



0

Bal-Dac

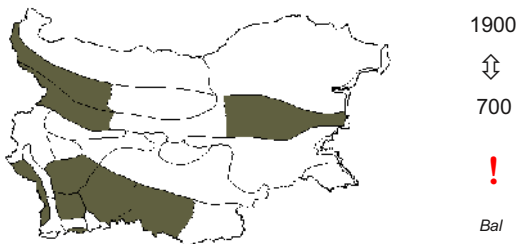
Campanula hemschinica
Koch



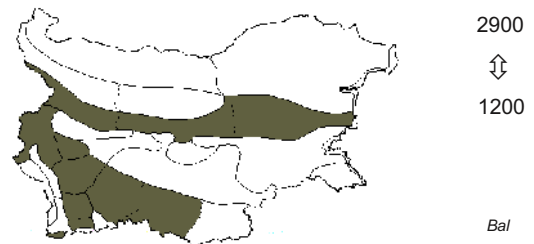
Campanula macrostachya
Waldst. & Kit.



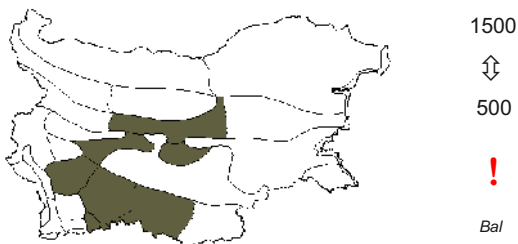
Campanula jordanovii
Ančev & Kovanda



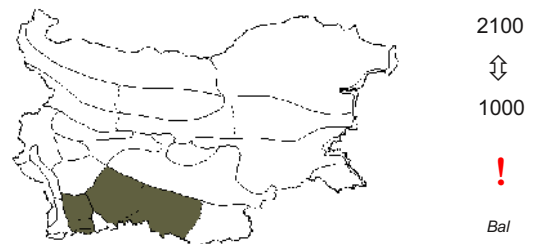
Campanula moesiaca
Velen.



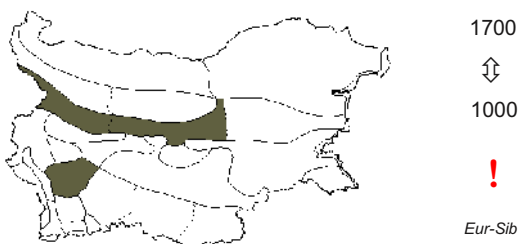
Campanula lanata
Friv.



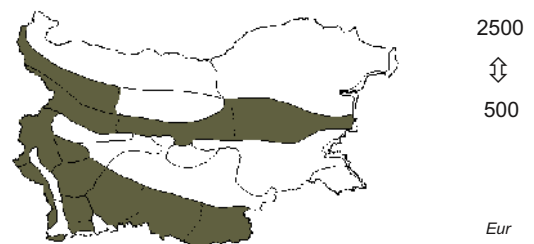
Campanula orphanidea
Boiss.



Campanula latifolia
L.



Campanula patula
L.



Campanula lingulata
Waldst. & Kit.

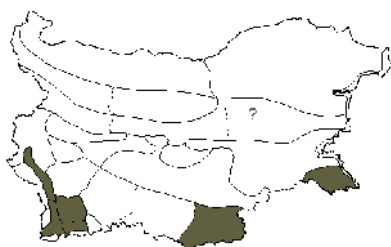


Campanula persicifolia
L.



Campanula phrygia

Jaub. & Spach



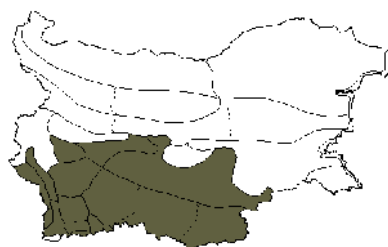
500



0

Campanula scutellata

Griseb.



1000



200

Bal

Campanula rapunculoides

L.



1900



0

Eur

Campanula sibirica

L.



700



0

subMed

Campanula rapunculus

L.



1300



0

Eur-Sib

Campanula sparsa

Friv.



1700

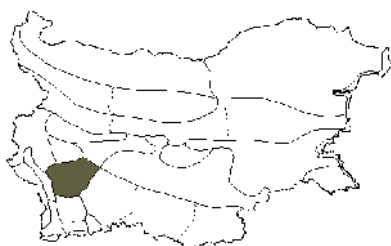


300

Bal-Carp

Campanula rotundifolia

L.



2900



1000

Boreal

Campanula spatulata

Sm.



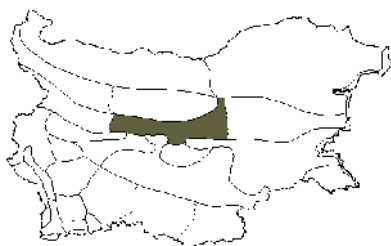
2200



1500

Campanula scheuchzeri

Vill.



2000

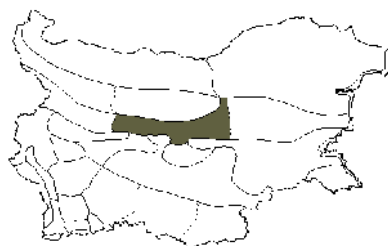


1300

Eur

Campanula thyrsoides

L.



2300



2000

Alp-Bal

Campanula trachelium

L.



1500

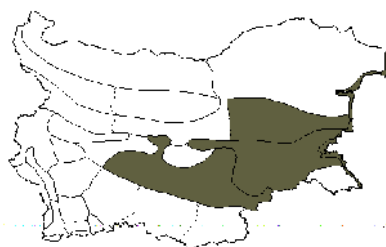


0

Boreal

Camphorosma annua

Pall.



300

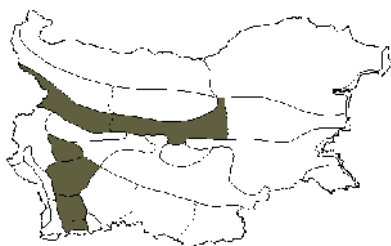


0

subMed

Campanula transsilvanica

Schur ex Andrae



2700



1900



Carp-Bal

Camphorosma monspeliaca

L.



500

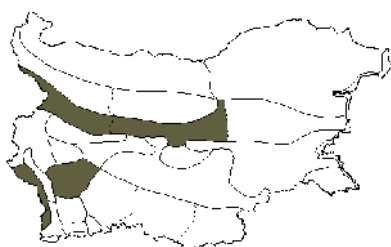


0

Eur-As

Campanula trojanensis

Kovanda & Ančev



2000

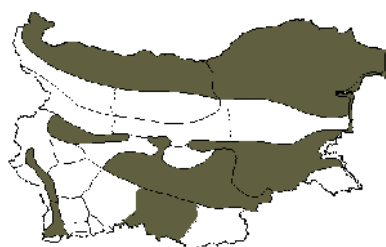


1300

Bul

Cannabis sativa

L.



500

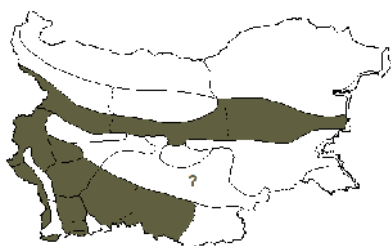


0

Adv

Campanula velebitica

Borbás



2500



700

Bal

Capsella bursa-pastoris

(L.) Medicus



2000



0

Kos

Campanula versicolor

Andrews



600



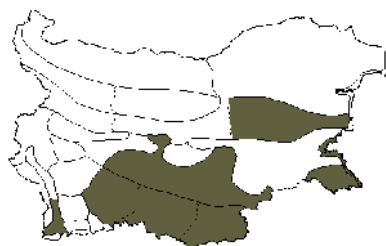
0



EMed

Capsella rubella

Reut.



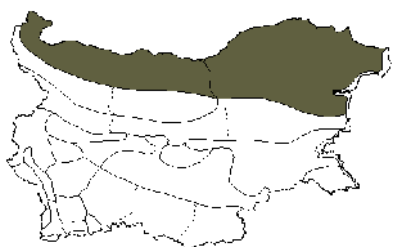
700



0

subMed

Caragana frutex
(L.) C. Koch



200

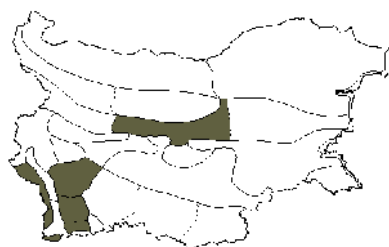


200



Pont-Sib

Cardamine glauca
Spreng.



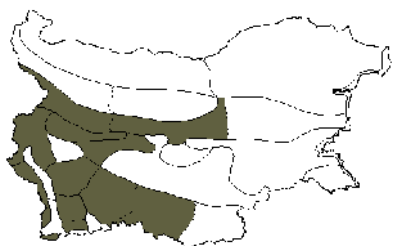
2600



1600

subMed

Cardamine acris
Griseb.



2200



1400

subMed

Cardamine graeca
L.



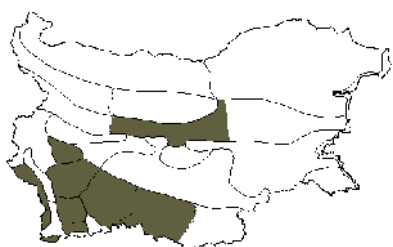
1200



0

Med

Cardamine amara
L.



2200



1000

Eur-As

Cardamine hirsuta
L.



1000



0

Eur-As

Cardamine bulbifera
(L.) Crantz



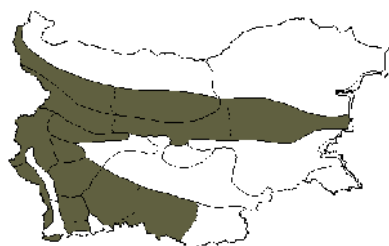
1400



0

subBoreal

Cardamine impatiens
L.



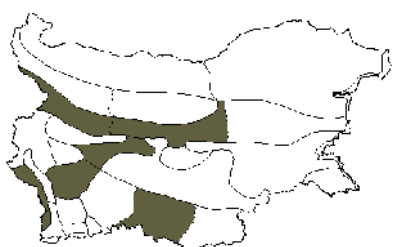
1500



400

Eur-As

Cardamine flexuosa
With.



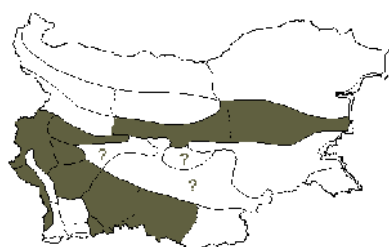
1500



600

Boreal

Cardamine matthioli
Moretti



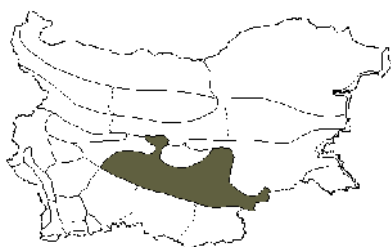
1000



0

Eur

Cardamine parviflora
L.



250

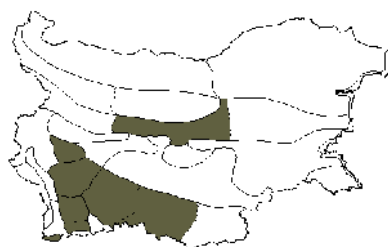


250



Eur-As

Cardamine rivularis
Schur



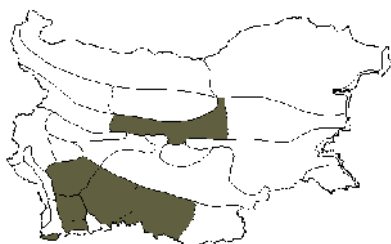
2400



1000

Carp-Bal

Cardamine pectinata
Pall. ex DC.



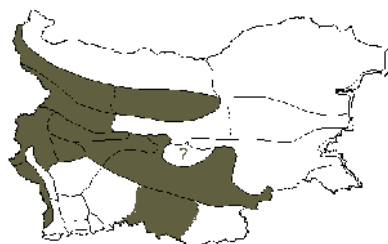
1600



800

subMed

Cardaminopsis arenosa
(L.) Hayek



1000



0

Eur

Cardamine penzesii
Ančev & Marhold



50



0



Eux

Cardaria draba
(L.) Desv.



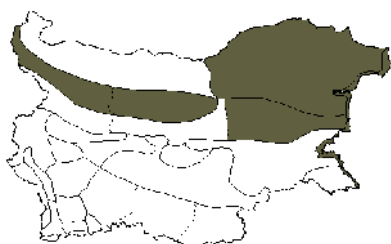
1000



0

Eur-Med

Cardamine quinquefolia
(M. Bieb.) Schmalh.



600



0

subMed

Carduus acanthoides
L.



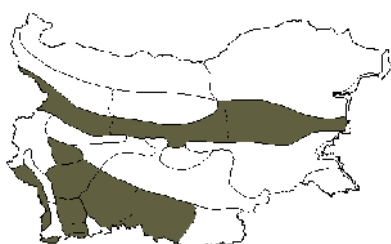
1000



0

Eur

Cardamine resedifolia
L.



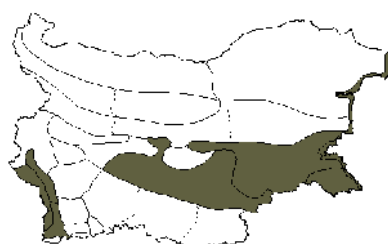
2500



1800

Carp-Bal

Carduus acicularis
Bertol.



1500

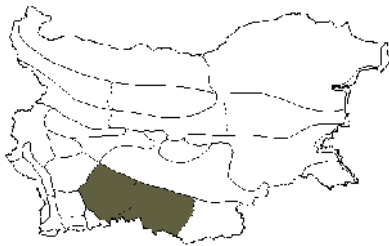


0

Med

Carduus adpressus

C. A. Mey.



2000



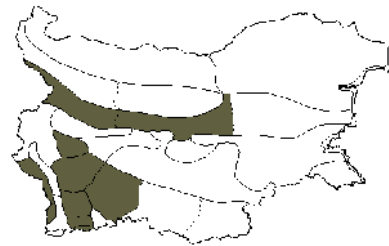
1000



Bal-Anat

Carduus kernerii

Simonk.



2800



2000

Eur

Carduus candicans

Waldst. & Kit.



1000

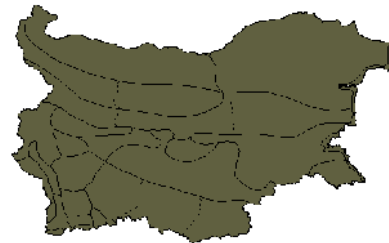


0

Bal-Dac

Carduus nutans

L.



1500

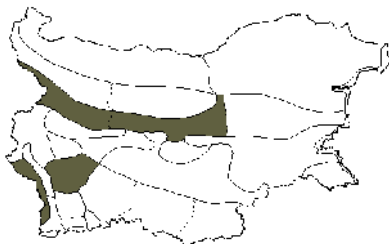


0

Eur-Med

Carduus carduelis

(L.) Gren.



2500

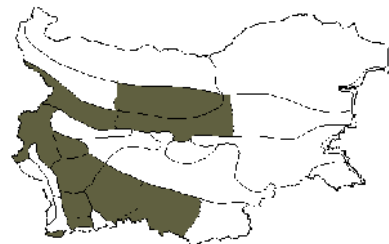


1800

Eur

Carduus personata

(L.) Jacq.



2500

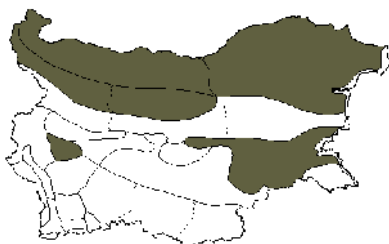


0

Eur

Carduus crispus

L.



2000

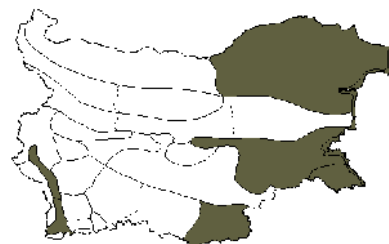


0

Eur-Med

Carduus pycnocephalus

L.



500

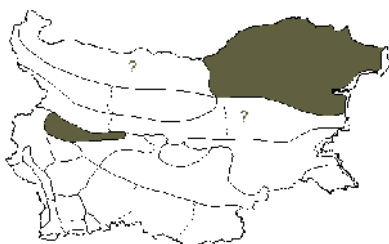


0

Med

Carduus hamulosus

Ehrh.



500

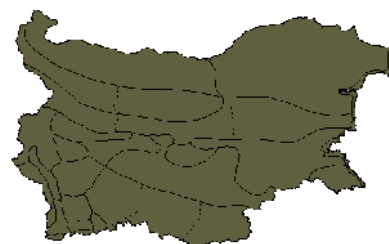


0

Med

Carduus thoermeri

Weinm.



1500

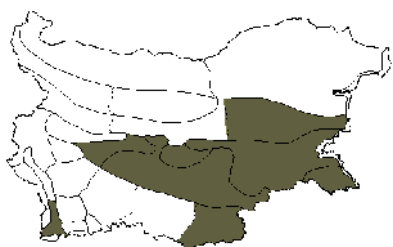


0

Pont-Pann-Bal

Carduus thracicus

(Velen.) Hayek



1000



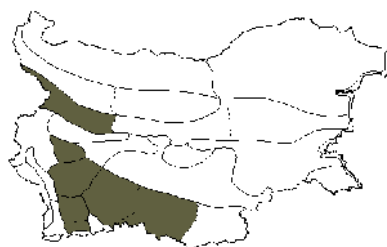
0



Bal

Carex atrata

L.



2600

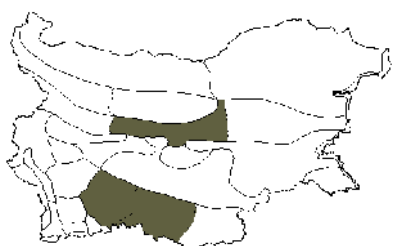


2000

Eur

Carduus tmoleus

Boiss.



2000

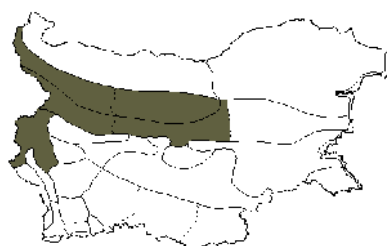


1500

Bal-Anat

Carex brevicollis

DC. in Lam.



1000



200

Eur-Med

Carex acuta

L.



2400

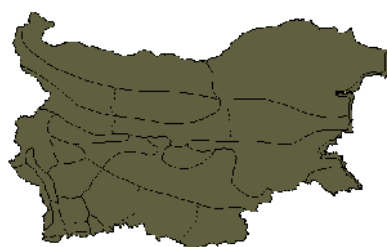


0

Eur-Sib

Carex bueckii

Wimm.



1000



0

Eur

Carex acutiformis

Ehrh.



1100

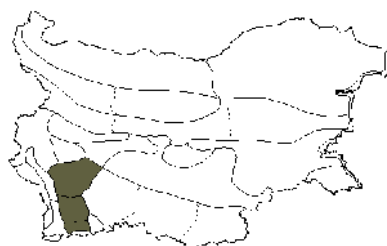


0

Kos

Carex bulgarica

(Domin) Lazare



2600

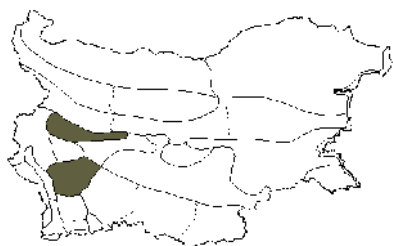


1500

Bul

Carex appropinquata

A. Schumach.



1000



500

Eur-Sib

Carex buxbaumii

Wahlenb.



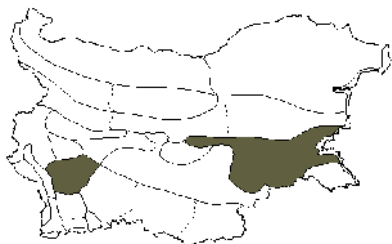
1300



600

Kos

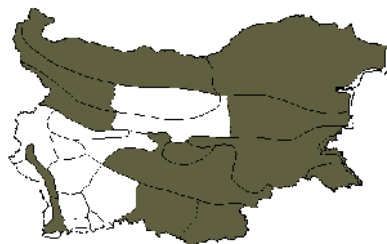
Carex caespitosa
L.



800
⇕
400

Eur-As

Carex depauperata
Curtis ex With.



1000
⇕
0

subMed

Carex caryophyllea
Latourr.



2700
⇕
200

Boreal

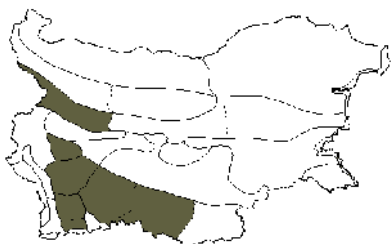
Carex digitata
L.



2400
⇕
0

Eur-Sib

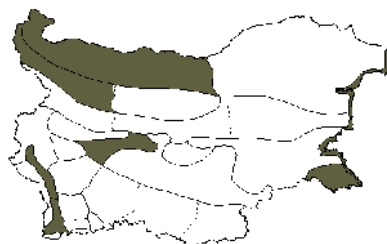
Carex curta
Good.



2500
⇕
1400

Boreal

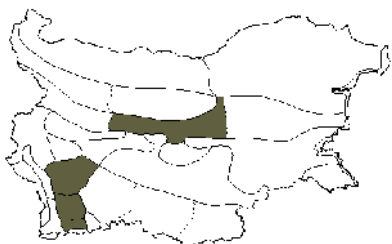
Carex distachya
Desf.



400
⇕
0

Med

Carex curvula
All.



2900
⇕
2300

Alp-Med

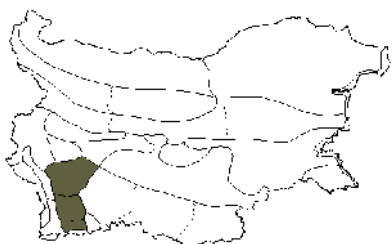
Carex distans
L.



1300
⇕
0

Eur-As

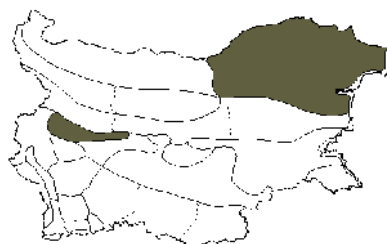
Carex dacica
Heuff.



2700
⇕
2300

Carp-Bal-Cauc

Carex disticha
Huds.

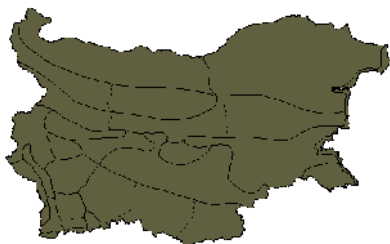


700
⇕
20

Pont-Sib

Carex divisa

Huds.



1000

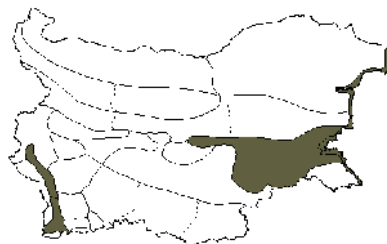


0

Eur-As

Carex extensa

Good.



200



0

Eur-Am

Carex divulsa

Stokes



1600

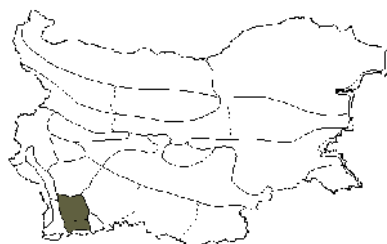


200

Eur-As

Carex ferruginea

Scop.



2100

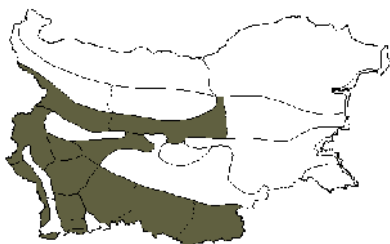


2100

Alp-Med

Carex echinata

Murr.



2500



500

Kos

Carex flacca

Schreb.



1000

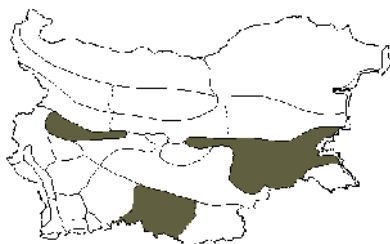


0

Kos

Carex elata

All.



1500

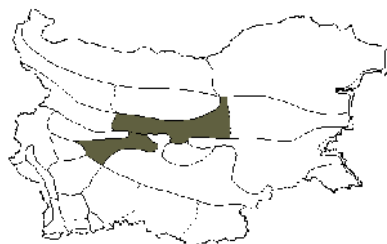


400

Eur

Carex flava

L.



1600

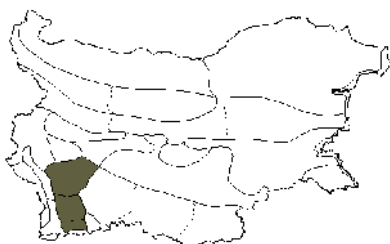


1000

Boreal

Carex ericetorum

Pollich



2600

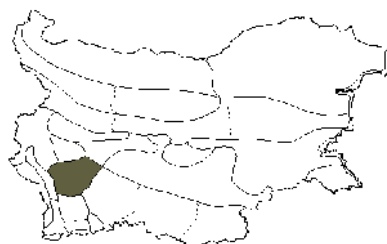


2100

Eur-Sib

Carex fuliginosa

Schkuhr



2700



2000

Boreal

Carex hallerana

Asso



1000
⇕
0

Eur-As

Carex hostiana

DC.

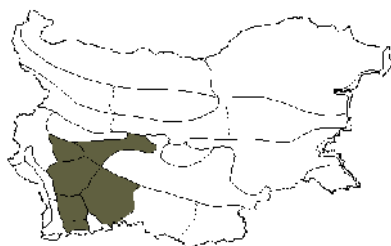


100
⇕
0

Eur

Carex hartmanii

Cajander

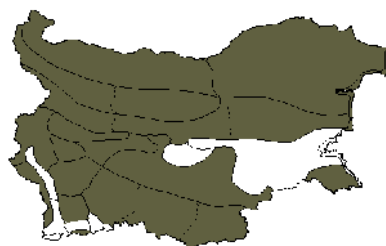


1500
⇕
700

Boreal

Carex humilis

Leyss.

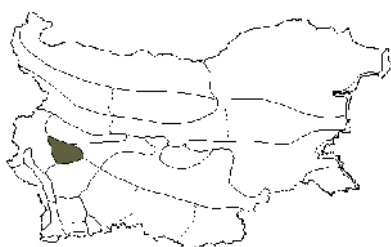


2000
⇕
0

Eur-As

Carex heleonastes

Ehrh. ex L. f.

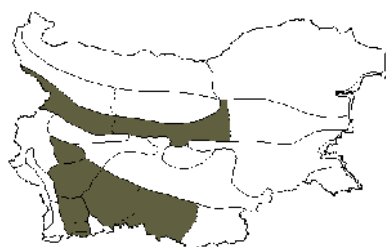


2000
⇕
1800

Eur-Sib

Carex kitaibeliana

Degen ex Bech.



2900
⇕
900

subMed

Carex hirta

L.

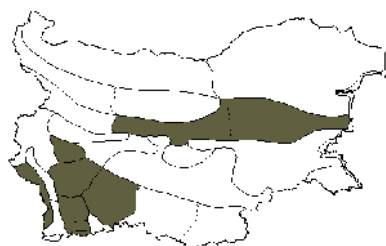


1500
⇕
0

Boreal

Carex laevigata

Sm.

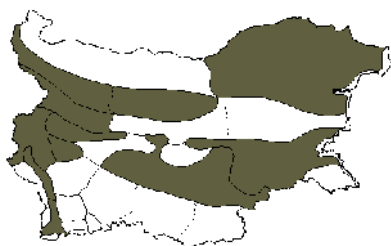


1200
⇕
200

Eur

Carex hordeistichos

Vill.

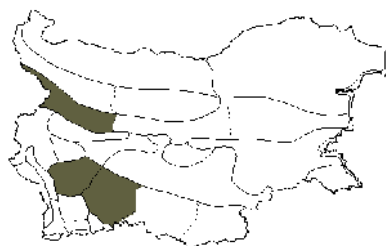


1000
⇕
100

subBoreal

Carex lasiocarpa

Ehrh.

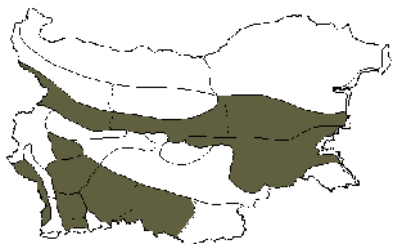


1500
⇕
800

Boreal

Carex lepidocarpa

Tausch



1600



1000

Boreal

Carex melanostachya

M. Bieb. ex Willd.



600

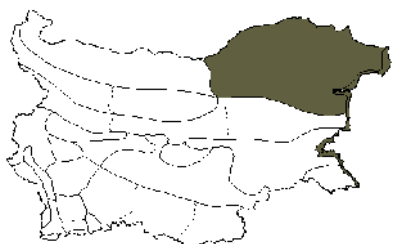


200

subMed

Carex ligerica

J. Gay



200



0

Eur

Carex michelii

Host



1200

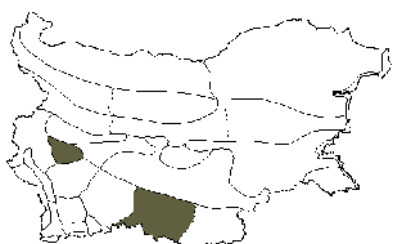


0

Eur

Carex limosa

L.



1800



1300

Boreal

Carex montana

L.



1900



200

Eur-Sib

Carex liparocarpos

Gaudin



2000



0

Pont-Med

Carex muricata

L.



1500



200

Kos

Carex magellanica

Lam.



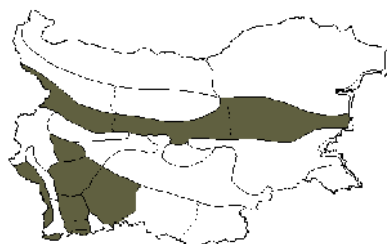
1000



500

Carex nigra

(L.) Rchb.



2800



1500

Alp-Carp

Carex otrubae

Podp.



1000

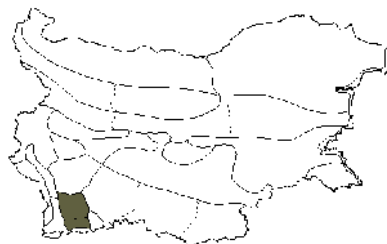


200

Eur

Carex parviflora

Host



2400



2000

Alp

Carex ovalis

Good.



2400

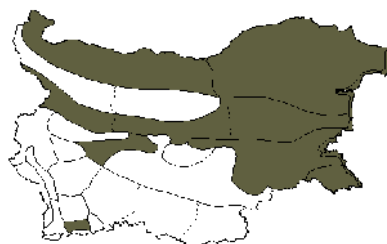


0

Kos

Carex pendula

Huds.



1800



0

subMed

Carex pallescens

L.



2000



300

Boreal

Carex pilosa

Scop.



2000



700

Eur-As

Carex panicea

L.



1600



200

Boreal

Carex praecox

Schreb.



1000

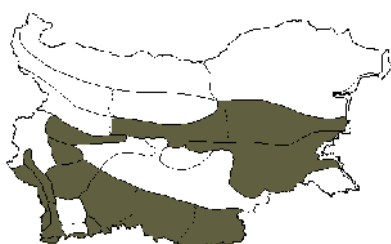


0

Eur-Sib

Carex paniculata

L.



2000

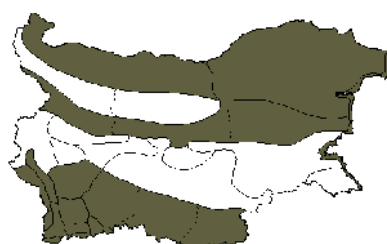


600

subBoreal

Carex pseudocyperus

L.



2000

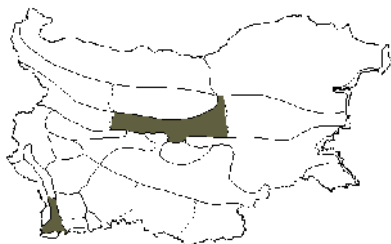


0

Kos

Carex punctata

Gaudin



500

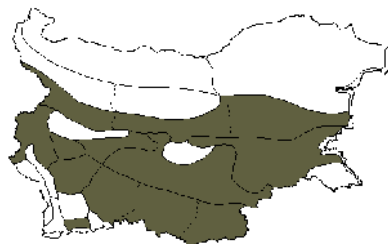


0

Eur-Med

Carex rostrata

Stokes



2400

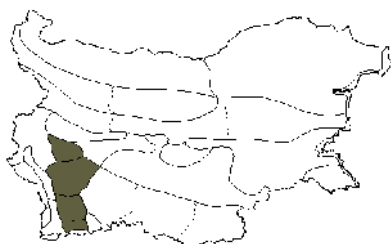


1800

Boreal

Carex pyrenaica

Wahlenb.



2500

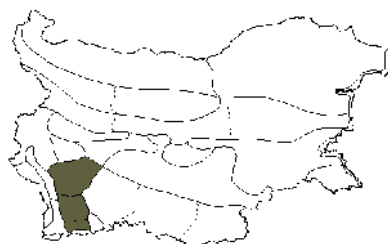


2000

Alp-Med

Carex rupestris

Bellardi ex All.



2800



2400

Boreal

Carex remota

L.



2000

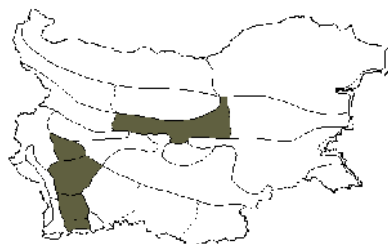


0

Eur-As

Carex sempervirens

Vill.



2800



800

Alp-Med

Carex riloensis

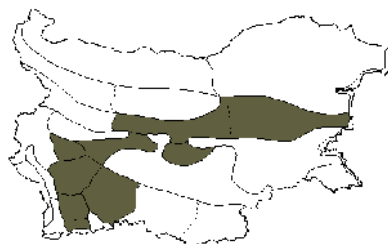
Stoeva & Popova



Bul

Carex serotina

Mérat



2000



800

Eur-As

Carex riparia

Curtis



1000

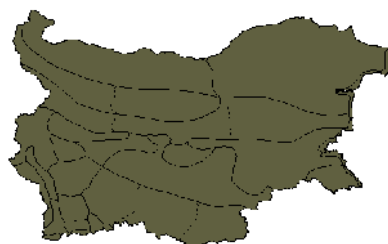


200

Eur-As

Carex spicata

Huds.



1500



200

Eur-As

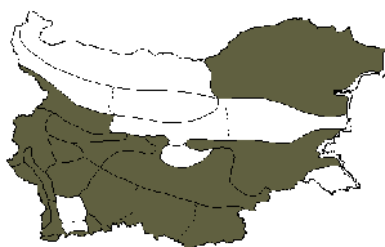
Carex strigosa
Huds.



100
⇕
0

Eur-OT

Carex vesicaria
L.



1400
⇕
200

Boreal

Carex sylvatica
Huds.



1600
⇕
200

subMed

Carlina acanthifolia
All.



2000
⇕
0

Eur

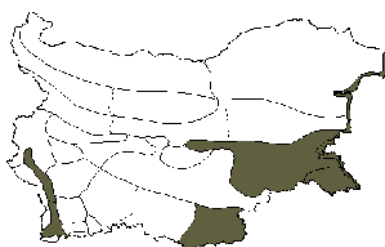
Carex tomentosa
L.



1500
⇕
200

Eur-Sib

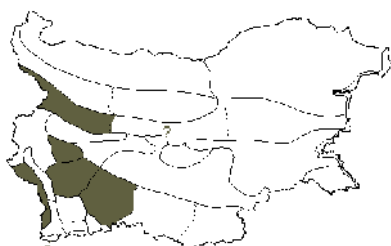
Carlina corymbosa
L.



1000
⇕
0

Med

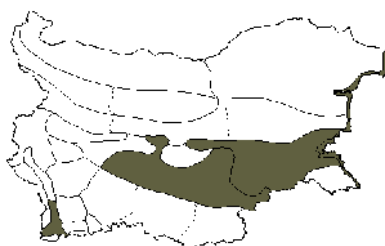
Carex tricolor
Velen.



2700
⇕
1700

Bul

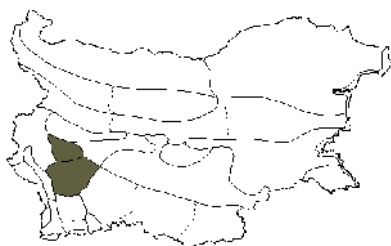
Carlina lanata
L.



1000
⇕
0

Med

Carex umbrosa
Host



2000
⇕
1500

Eur

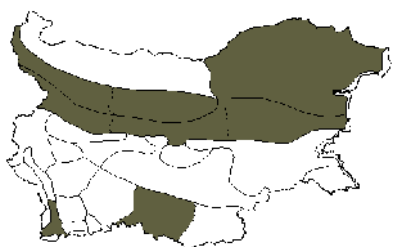
Carlina vulgaris
L.



1500
⇕
0

Eur-Med

Carpesium cernuum
L.



1000
⇕
0

Eur-As

Carum carvi
L.



1600
⇕
700

Eur-As

Carpinus betulus
L.



1500
⇕
0

Eur-subMed

Carum graecum
Boiss. & Heldr.



2100
⇕
900

Bal

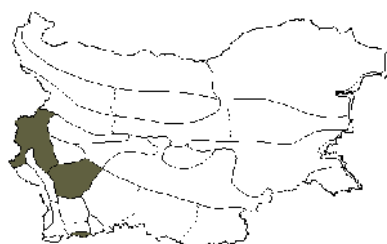
Carpinus orientalis
Mill.



1100
⇕
0

subMed

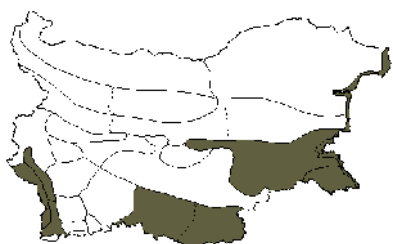
Carum multiflorum
(Sm.) Boiss.



1000
⇕
0

Med

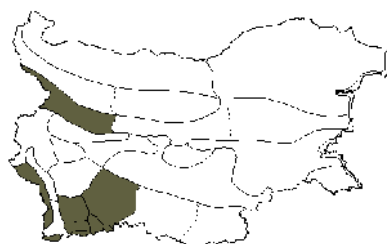
Carthamus dentatus
(Forssk.) Vahl



1000
⇕
0

Bal-Anat

Castanea sativa
Mill.



1000
⇕
0

Med

Carthamus lanatus
L.



1000
⇕
0

subMed

Catabrosa aquatica
(L.) P. Beauv.



800
⇕
0

Boreal

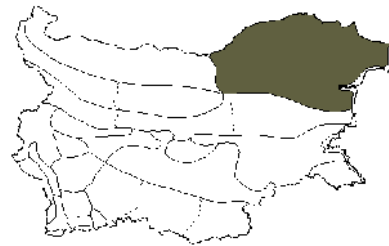
Catalpa speciosa
(Warder) Engelm.



600
⇕
500

Adv (NAm)

Cenchrus incertus
M. A. Curtis



200
⇕
0

Adv (Am)

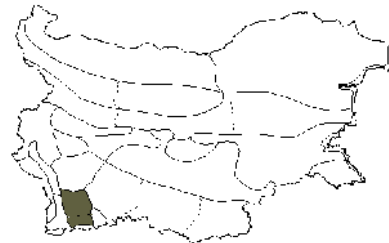
Caucalis platycarpus
L.



1200
⇕
0

Eur-CAs

Centaurea achtarovii
Urum.

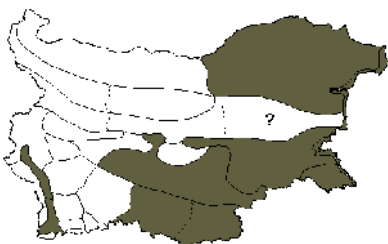


2500
⇕
2000

!

Bul

Celtis australis
L.



500
⇕
0

Med

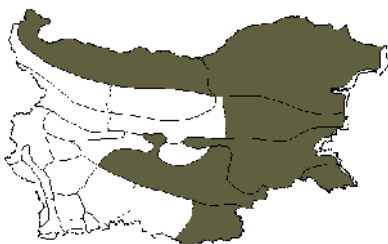
Centaurea affinis
Friv.



1000
⇕
0

Bal-Dac

Celtis plachoniana
K.I. Chr.



500
⇕
0

Pont

Centaurea alba
L.



1500
⇕
0

subMed

Celtis tournefortii
Lam.



1000
⇕
500

Eur-As

Centaurea apiculata
Ledeb.

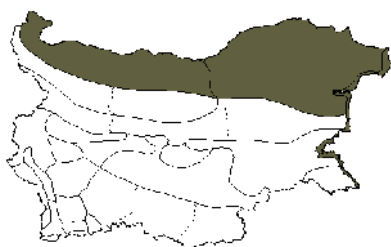


1000
⇕
0

Eur-Sib

Centaurea arenaria

M. Bieb.



300



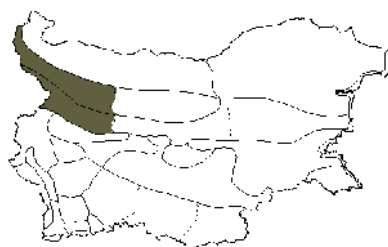
0



Eur-Med

Centaurea calocephala

Willd.



1000



0



Pont

Centaurea biebersteinii

DC.



1500

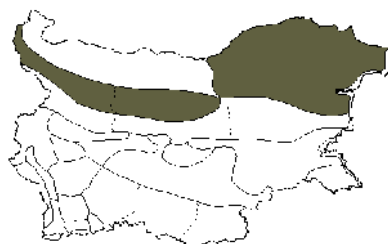


1000

subMed

Centaurea calvescens

Pančić



1000

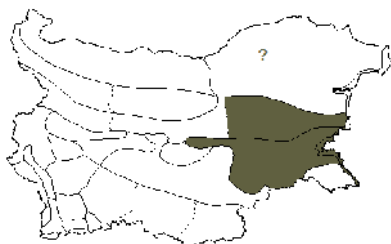


0

subMed

Centaurea bovina

Velen.



500



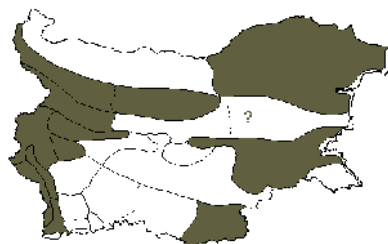
0



Bal

Centaurea chrysolepis

Vis.



1000



0

Bal

Centaurea calcitrapa

L.



1000



0

Med

Centaurea cuneifolia

Sm.



1000

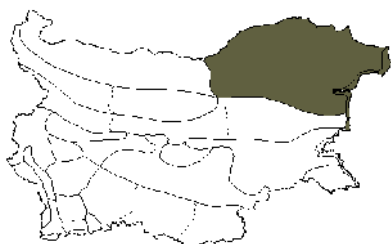


0

subBal

Centaurea caliacrae

Prodán



200



0

Bal

Centaurea cyanus

L.



1000

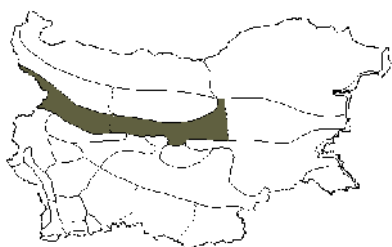


0

Eur-Med

Centaurea davidovii

Urum.



1700

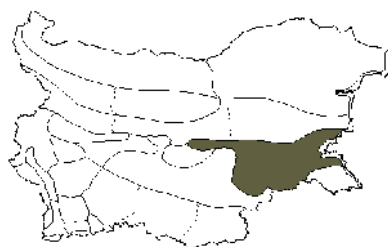


1600

Bul

Centaurea diospolitana

(Bancheva & S. Stoyanov) Bancheva



400

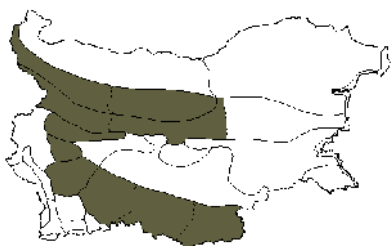


300

Bul

Centaurea degeniana

H. Wagner



500

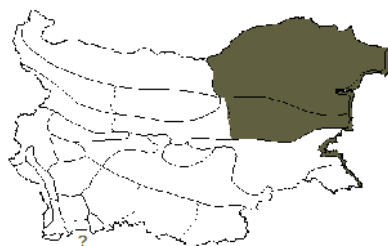


0

Eur

Centaurea euxina

Velen.



200

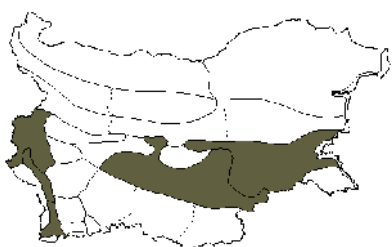


0

Bul

Centaurea depressa

M. Bieb.



500



0

Med-CAs

Centaurea finazzeri

Adamović



800



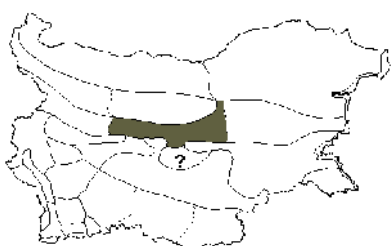
0



Bal

Centaurea deusta

Ten.



1500

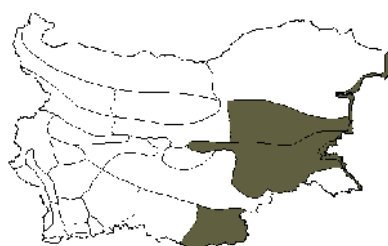


0

subMed

Centaurea gracilentata

Velen.



1800



500



Pont

Centaurea diffusa

Lam.



1000

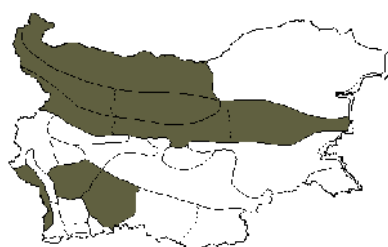


0

Pont-Med

Centaurea grinensis

Reut.



1500

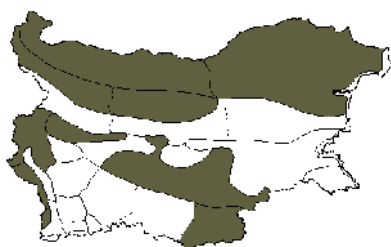


0

CEur-subMed

Centaurea iberica

Trev. ex Spreng.



1000

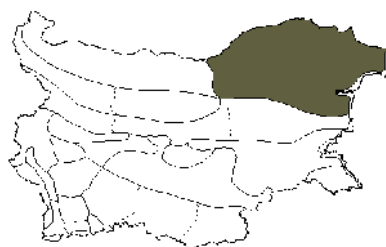


0

subMed

Centaurea jankae

D. Brândză



700



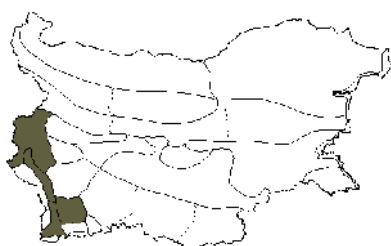
300



Bal

Centaurea immanuelis-loewii

Degen



500



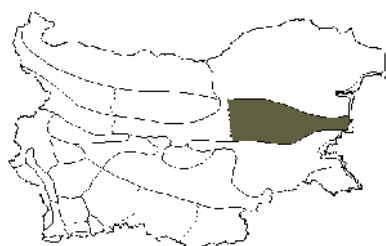
0



Bal

Centaurea kamciensis

Kočev & S. P. Gančev



500

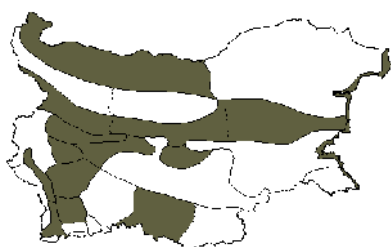


0

Bul

Centaurea indurata

Janka



1500

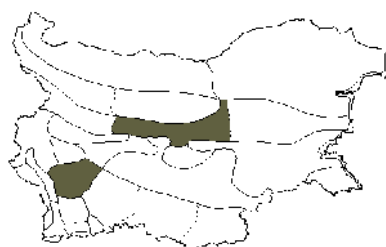


0

Carp-Bal

Centaurea kernerana

Janka



2700



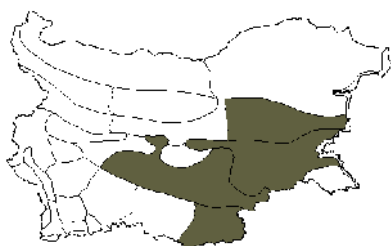
1800



Bul

Centaurea inermis

Velen.



500



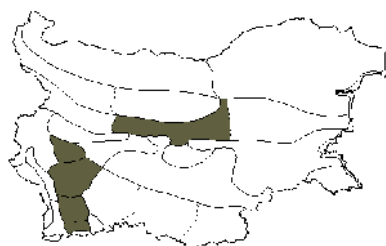
0



Bul

Centaurea kotschyana

Heuff. ex Koch



2900



1500

Carp-Bal

Centaurea jacea

L.



1500

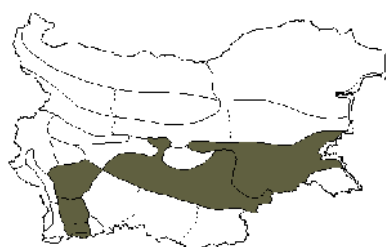


0

Eur-Sib

Centaurea mannagettae

Podp.



1000



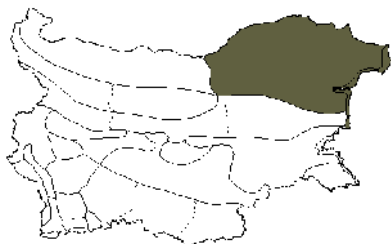
0



Bal

Centaurea marshalliana

Spreng.



500



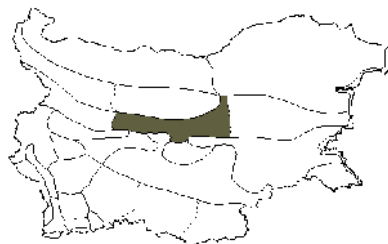
0



Pont-Sib

Centaurea nigrescens

Willd.



1000



0



subMed

Centaurea moesiaca

Urum. & H. Wagner



1300

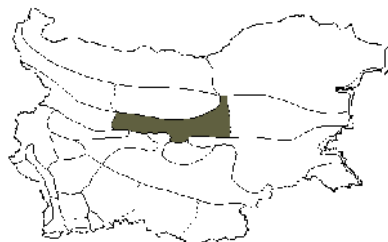


450

Bul

Centaurea ognianoffii

Urum.



1500

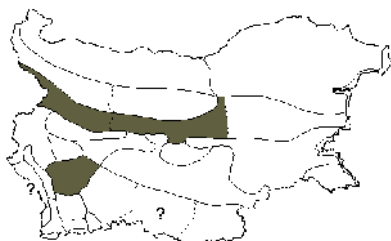


0

Bul

Centaurea napulifera

Rochel



2000

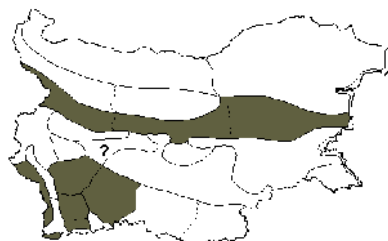


0

Bal

Centaurea orbelica

Velen.



2100

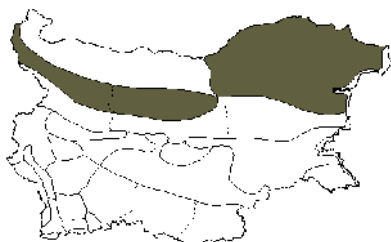


800

Bal

Centaurea neiceffii

Degen & H. Wagner



1000



0

Bul

Centaurea orientalis

L.



1500

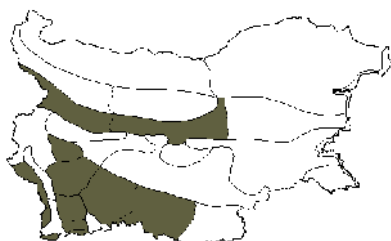


0

Pont-Med

Centaurea nervosa

Willd.



2900

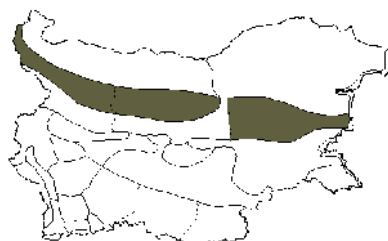


1800

Alp-Carp-Bal

Centaurea ovina

Pall. ex Willd.

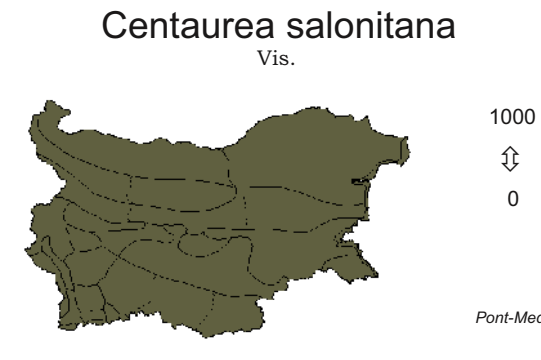
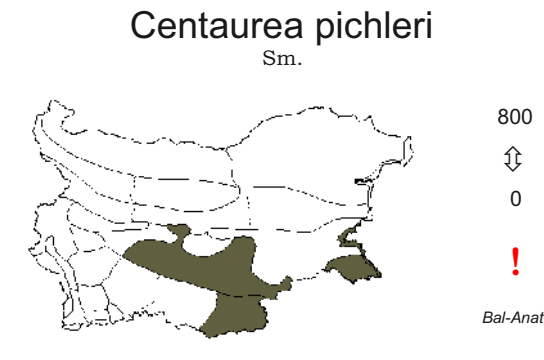
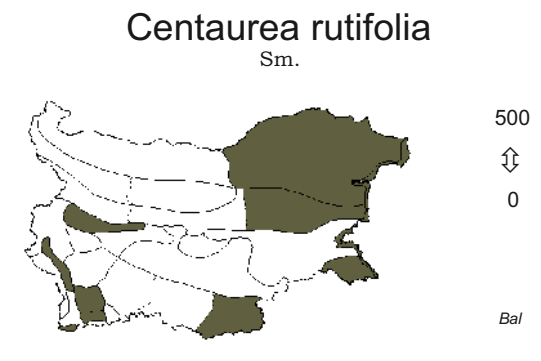
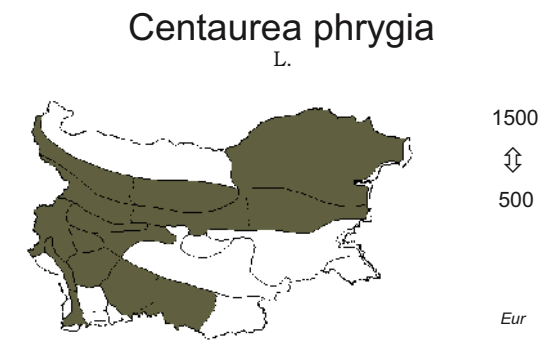
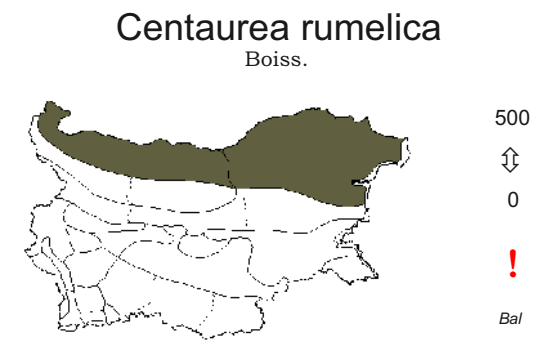
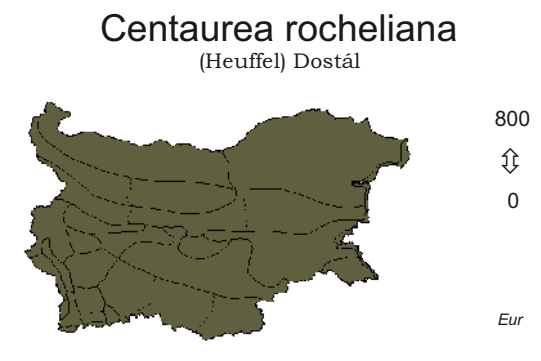
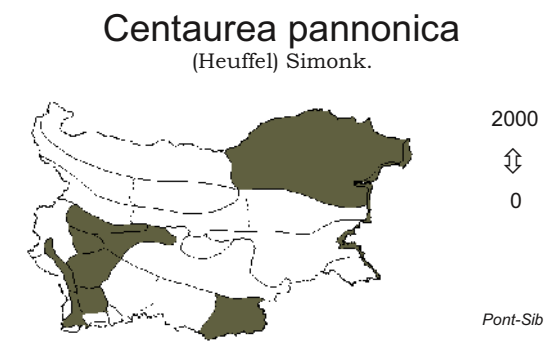
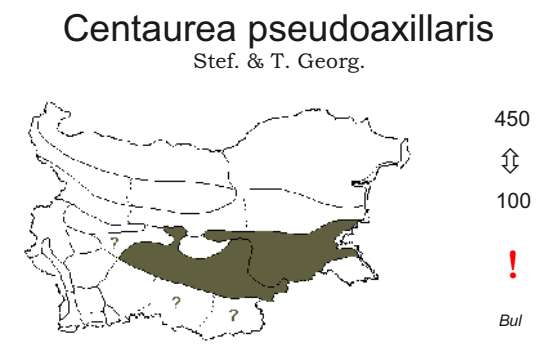
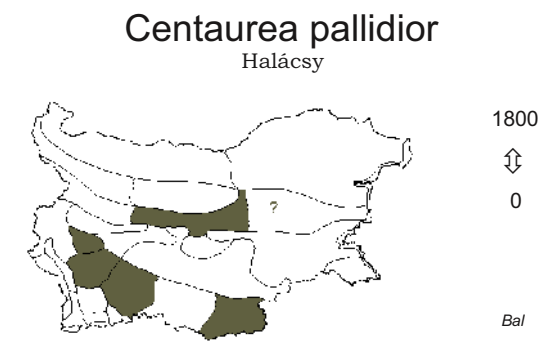


500



0

Pont



Centaurea scabiosa

L.



1500



0

Eur-Sib

Centaurea sterilis

Steven



200



0

Pont

Centaurea solstitialis

L.



1000



0

Eur-Med

Centaurea stoebe

L.



2700

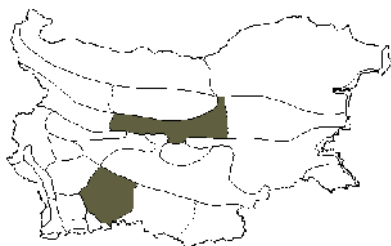


100

subMed

Centaurea splendens

L.



1500



0

Pont-Med

Centaurea subciliaris

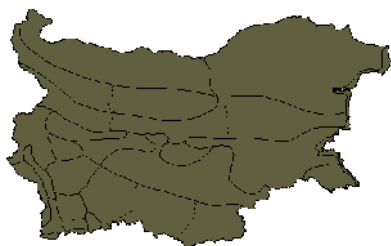
Boiss. & Heldr.



Bal

Centaurea stenolepis

A. Kern.



1000

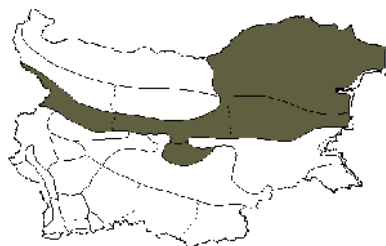


0

subMed

Centaurea tenuiflora

DC.



1000

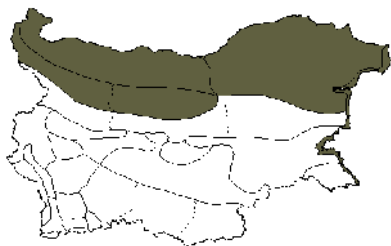


0

Eur

Centaurea stereophylla

Besser



1000

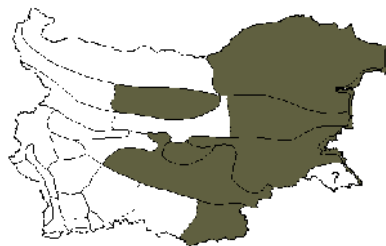


0

Pont

Centaurea thirkei

Sch. Bip.

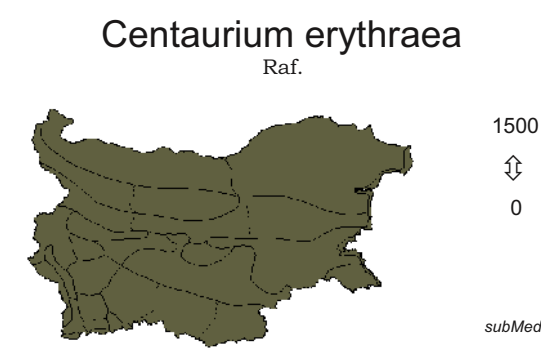
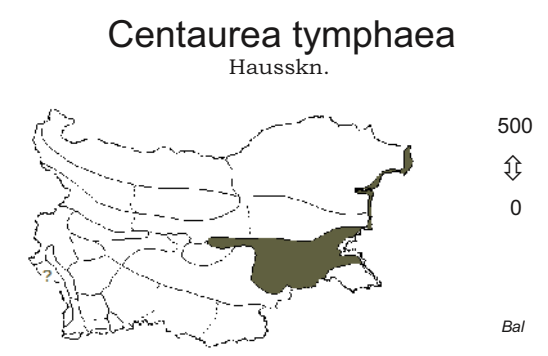
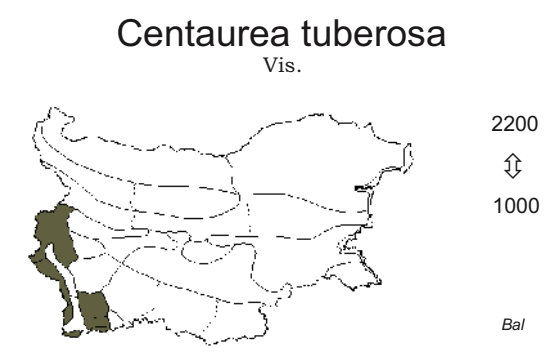
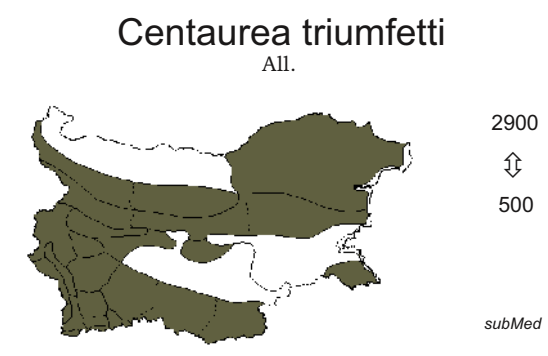
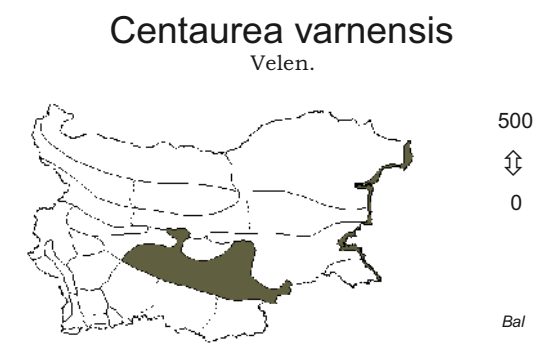
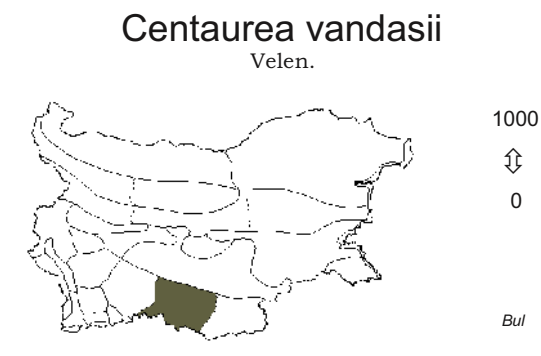
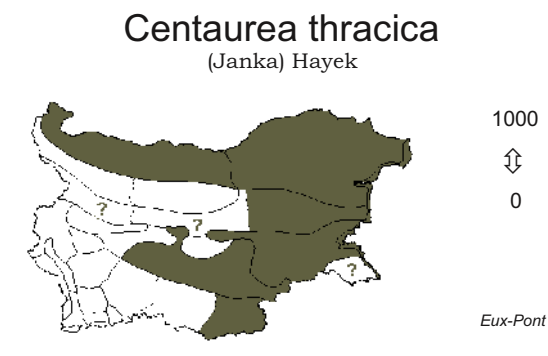


800



0

Bal-Anat



Centaurium littorale

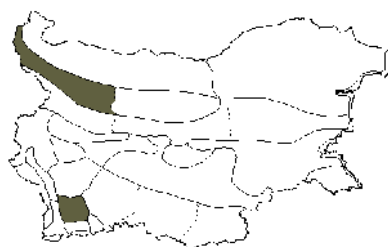
(D. Turn.) Gilm.



50
⇕
0
!
SEEur

Centranthus kellereri

(Stoj., Stef. & T. Georg.) Stoj. et Stef.



2400
⇕
1000
!
Bul

Centaurium maritimum

(L.) Fritsch



100
⇕
0
!
Med

Cephalanthera damasonium

(Mill.) Druce



1500
⇕
0
subMed

Centaurium pulchellum

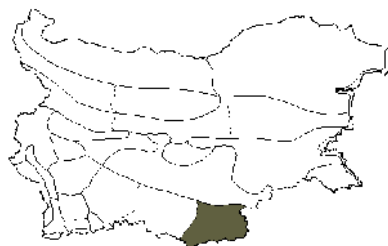
(Sw.) Druce



1000
⇕
0
Eur-As

Cephalanthera epipactoides

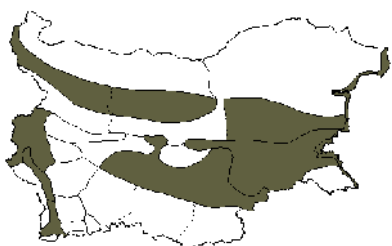
Fisch. & C. A. Mey.



300
⇕
0
!
Bal-Anat

Centaurium spicatum

(L.) Fritsch



600
⇕
0
Eur-As

Cephalanthera longifolia

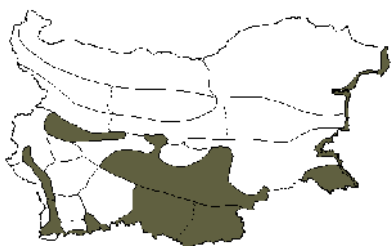
(L.) Fritsch



1000
⇕
0
Eur-OT

Centaurium turcicum

(Velen.) Ronniger ex Fritsch



900
⇕
0
subMed

Cephalanthera rubra

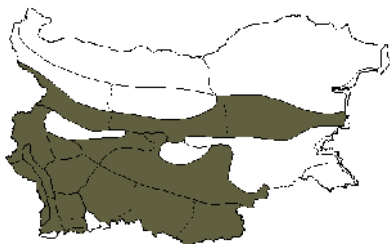
(L.) Rich.



1700
⇕
0
Eur-As

Cephalaria flava

(Sm.) Szabó



2900

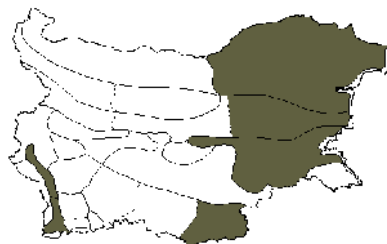


1000

Bal

Cephalorrhynchus tuberosus

(Steven) Schchian



1000



0

Pont

Cephalaria laevigata

(Waldst. & Kit.) Schrad.



1000

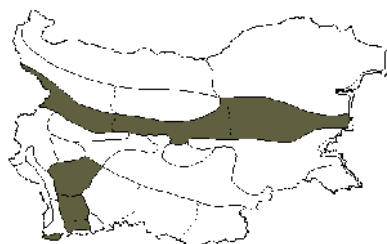


0

subMed

Cerastium alpinum

L.



2900

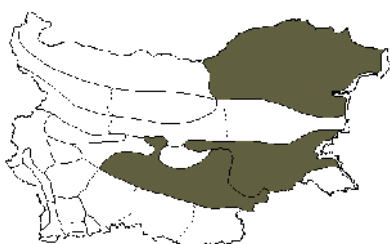


1500

Arct-Alp

Cephalaria syriaca

(L.) Roem. & Schult.



1000



0

Pont-Med

Cerastium arvense

L.



2000



1000

Boreal

Cephalaria transsylvanica

(L.) Roem. & Schult.



1000



0

Pont-Med

Cerastium banaticum

(Rochel) Heuff.



2000

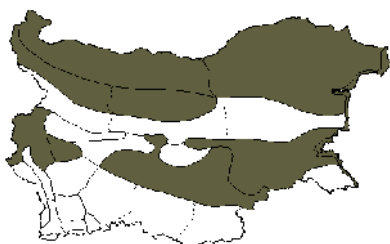


1000

subMed

Cephalaria uralensis

(Murr.) Roem. & Schult.



1000

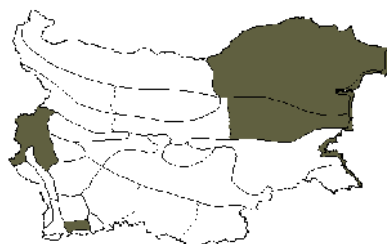


0

Pont-Med

Cerastium brachypetalum

Pers.



500

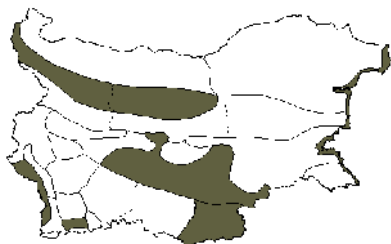


0

Eur-Med

Cerastium bulgaricum

Uechtr.



1000



0

Bul

Cerastium glomeratum

Thuill.



1000

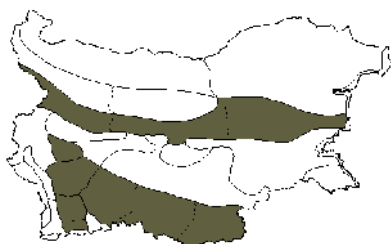


0

Kos

Cerastium cerastoides

(L.) Britton



2900

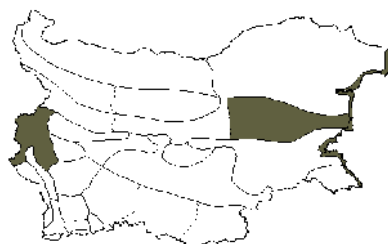


2000

Arct-Alp

Cerastium luridum

Guss.



1000

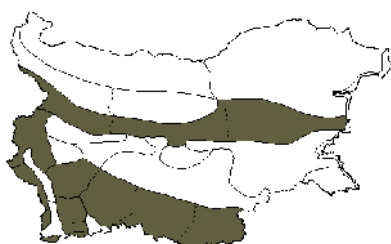


0

Eur-Med

Cerastium decalvans

Schloss.



2500

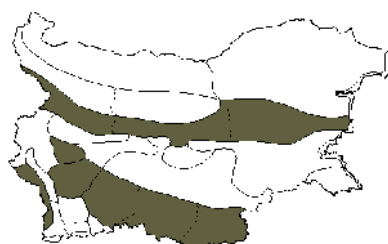


0

Bal

Cerastium moesiacum

Friv.



2000



0

Bal

Cerastium dubium

(Bast.) Guépin



1000

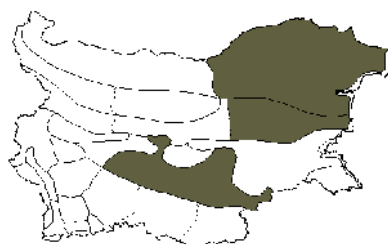


0

Eur

Cerastium perfoliatum

L.



1000

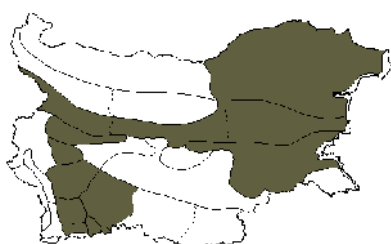


0

Pont-Med

Cerastium fontanum

Baumg.



2400

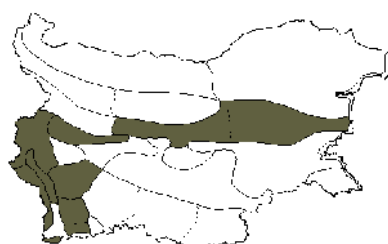


0

Eur

Cerastium petricola

Pančić



1500



0

Bal

Cerastium pumilum

Curtis



1400

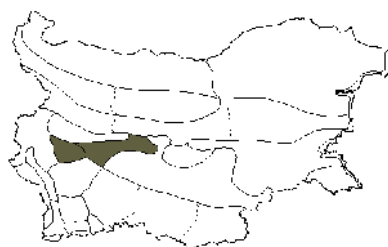


0

Eur-Med

Cerastium tenoreanum

Ser.



800

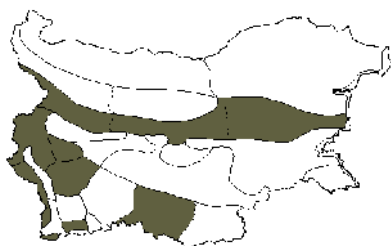


500

subMed

Cerastium rectum

Friv.



1000

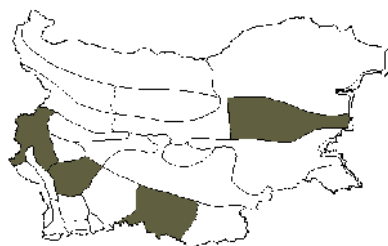


0

Bal

Cerastium velenovskyi

Hayek



500

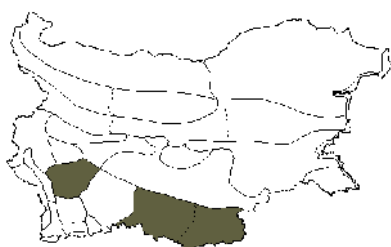


0

Bul

Cerastium roeseri

Boiss. & Heldr.



2900

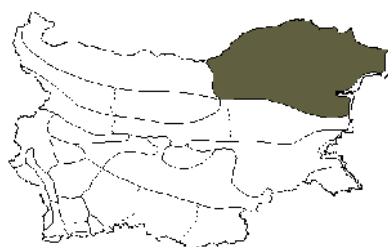


1000

Eur-Med

Ceratocarpus arenarius

L.



300

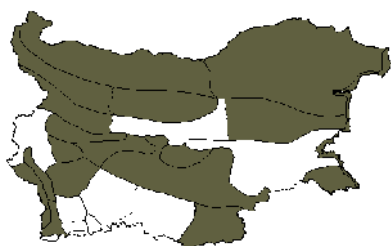


0

Eur-As

Cerastium semidecandrum

L.



1000

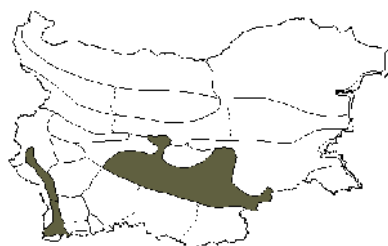


0

Eur-Med

Ceratocephalus falcatus

(L.) Pers.



700

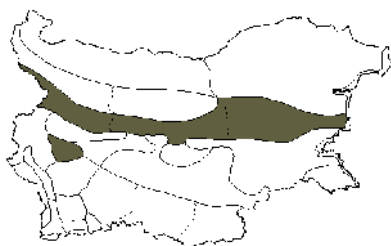


0

subMed-CAs

Cerastium tauricum

Spreng.



2900

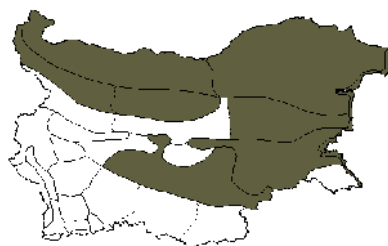


1000

Pont-Med

Ceratocephalus testiculatus

(Crantz) Roth



700



0

Eur-As

Ceratophyllum demersum
L.



200



0

Kos

Cerintho minor
L.



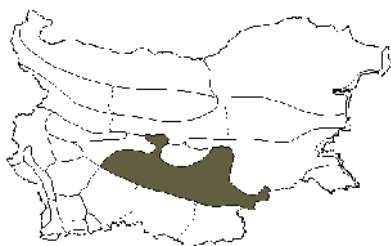
1200



0

Pont-Med

Ceratophyllum muricatum
Cham.



200



100

Med-CAs

Ceterach officinarum
DC.



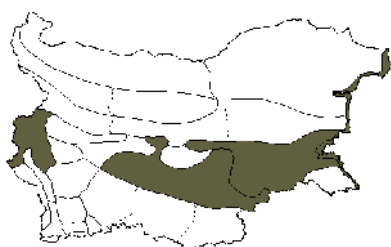
1500



0

subMed

Ceratophyllum submersum
L.



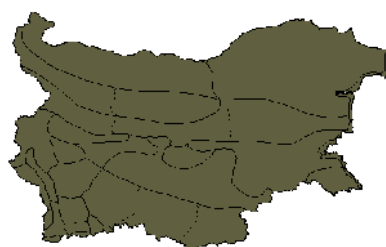
200



0

Eur-As

Chaenorhinum minus
(L.) Lange



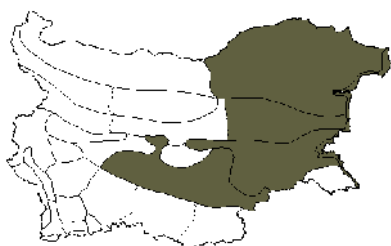
1000



0

Eur-Med

Cercis siliquastrum
L.



500



0

Med-OT

Chaerophyllum aureum
L.



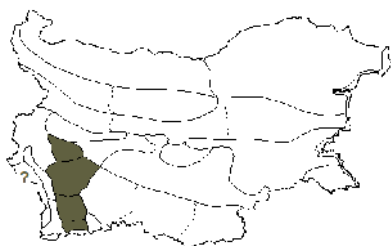
2100



800

Eur-Med

Cerintho glabra
Mill.



2500



1500

subMed

Chaerophyllum bulbosum
L.



1300



0

Eur-As

Chaerophyllum byzantinum

Boiss.



1300

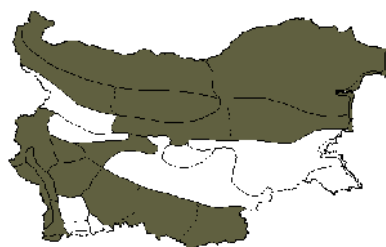


0

Bal-Anat

Chamaecytisus austriacus

(L.) Link



1500

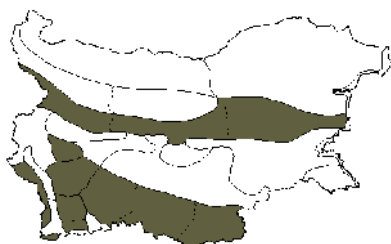


0

Eur-Med

Chaerophyllum hirsutum

L.



2200

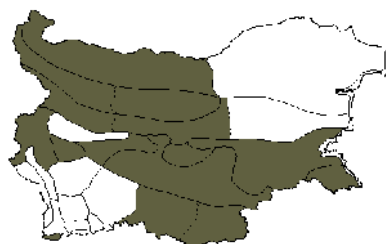


900

subMed

Chamaecytisus banaticus

(Griseb. & Schenk) Rothm.



1000



0

Pann-Bal

Chaerophyllum temulentum

L.



1200

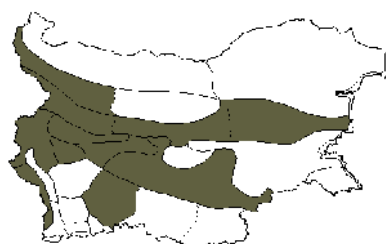


0

Eur-Med

Chamaecytisus calcareus

(Velen.) Kuzmanov



1000

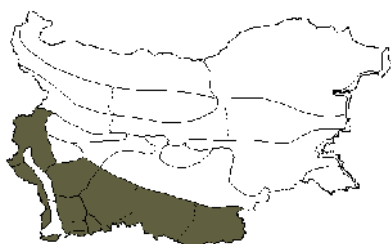


0

Bal

Chamaecytisus absinthioides

(Janka) Kuzmanov



2500

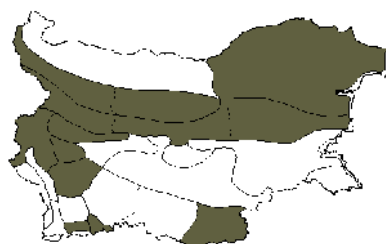


500

Bal

Chamaecytisus ciliatus

(Wahlenb.) Rothm.



1800



0

Pont-Med

Chamaecytisus albus

(Hack.) Rothm.



1500

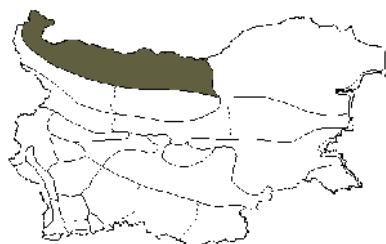


100

Eur

Chamaecytisus danubialis

(Velen.) Rothm.



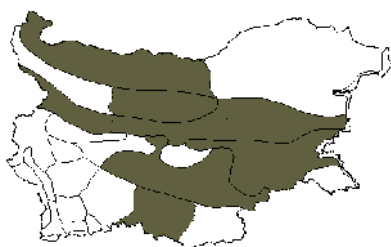
100



0

Pont

Chamaecytisus frivaldszkyanus
(Degen) Kuzmanov



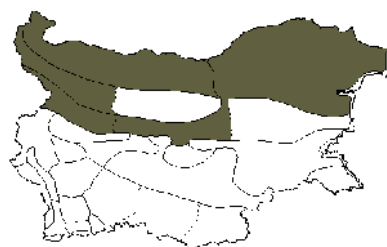
1200



0

Bul

Chamaecytisus kovacevii
(Velen.) Rothm.



1500



0



Bul

Chamaecytisus glaber
(L. f.) Rothm.



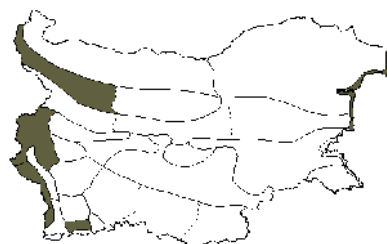
1500



0

Bal-Dac

Chamaecytisus lejocarpus
(A. Kern.) Rothm.



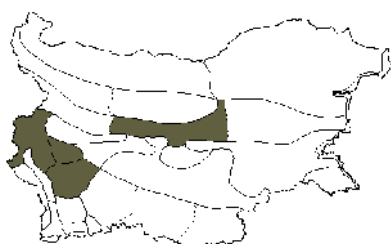
1600



200

Bal-Dac

Chamaecytisus heuffelii
(Wierzb.) Rothm.



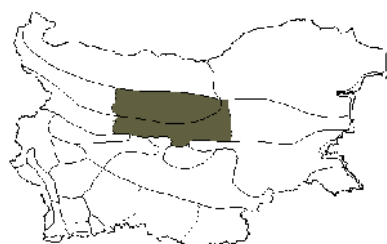
1500



500

Pann-Bal

Chamaecytisus neiceffii
(Urum.) Rothm.



500



200



Bul

Chamaecytisus hirsutus
(L.) Link



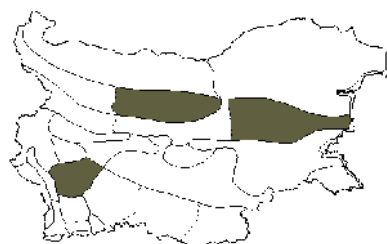
2000



0

Eur-Sib

Chamaecytisus polytrichus
(M. Bieb.) Rothm.



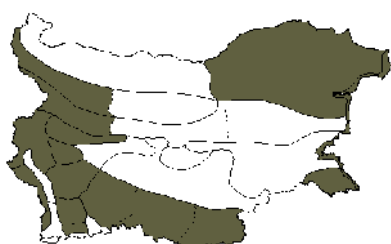
1000



500

Med

Chamaecytisus jankae
(Velen.) Rothm.



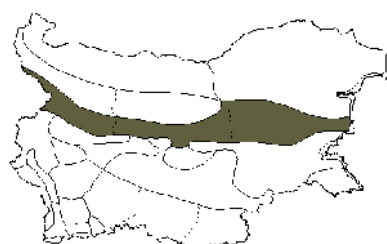
1500



0

Bal

Chamaecytisus pygmaeus
(Willd.) Rothm.



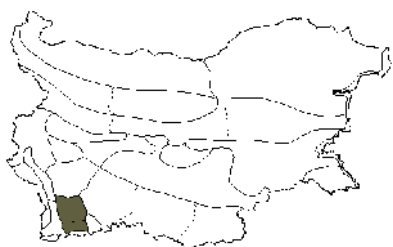
2400



1300

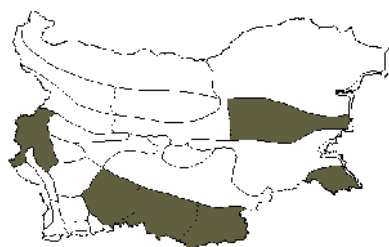
Bal-Anat

Chamaecytisus ratisbonensis
(Schaeff.) Rothm.



1000
⇕
1000
!
subMed

Cheilanthes persica
(Bory) Mett. ex Kuhn



1500
⇕
0
!
Med-CAs

Chamaecytisus rochelii
(Wierzb.) Rothm.



1200
⇕
0
Pont-Med

Chelidonium majus
L.



1500
⇕
0
Eur-As

Chamaecytisus supinus
(L.) Link



1000
⇕
0
Eur-Med

Chenopodium album
L.



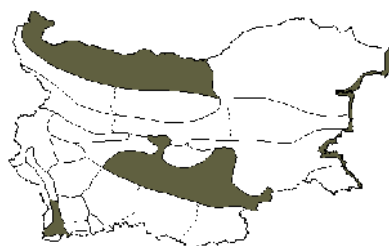
1000
⇕
0
Kos

Chamaespartium sagittale
(L.) Gibbs



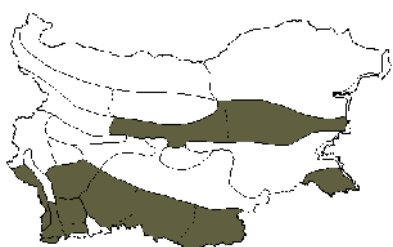
2000
⇕
0
Eur

Chenopodium ambrosioides
L.



250
⇕
0
Adv

Cheilanthes marantae
(L.) Domin.



1200
⇕
0
subMed

Chenopodium bonus-henricus
L.



2000
⇕
800
Alp-Med

Chenopodium botrys
L.



900
⇕
0

Boreal

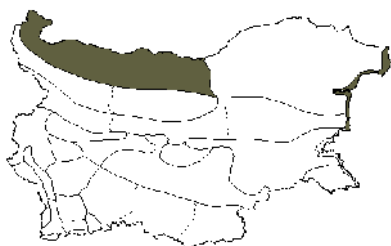
Chenopodium hybridum
L.



1000
⇕
0

Boreal

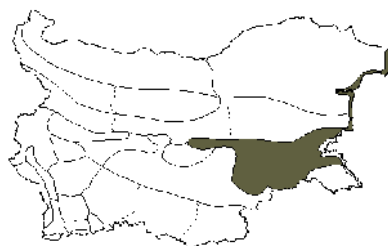
Chenopodium chenopodioides
(L.) Aellen.



100
⇕
0

subBoreal

Chenopodium missouriense
Aellen



1000
⇕
0

Adv (NAm)

Chenopodium ficifolium
Sm.



1000
⇕
0

Eur-As

Chenopodium multifidum
L.



300
⇕
0

Adv

Chenopodium foliosum
Asch.



900
⇕
0

Eur

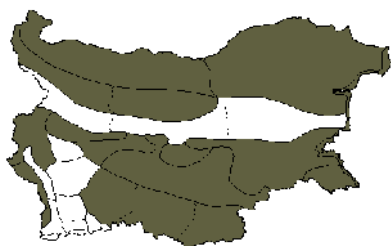
Chenopodium murale
L.



1000
⇕
0

Kos

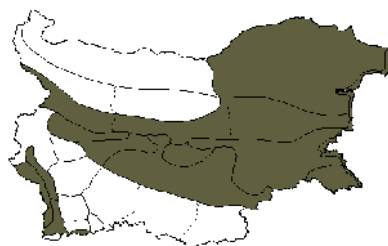
Chenopodium glaucum
L.



1000
⇕
0

Eur-As

Chenopodium opulifolium
Schrad. ex Koch & Ziz



800
⇕
0

Med-CAs

Chenopodium polyspermum
L.



1000
⇕
0

Eur-Sib

Chenopodium schraderianum
Schult.



1000
⇕
0

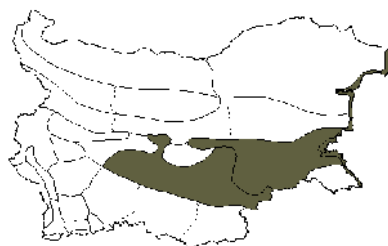
Adv

Chenopodium pratericola
Rydb.



100
⇕
0

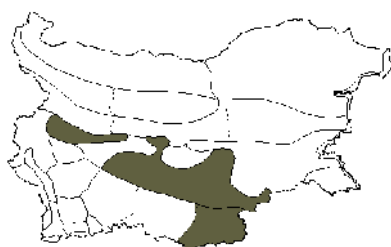
Chenopodium striatiforme
Murr



500
⇕
0

Eur

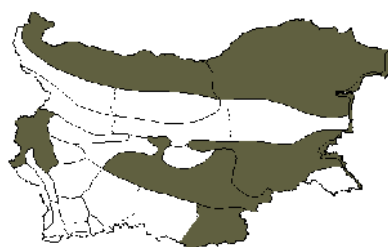
Chenopodium probstii
Aellen



1000
⇕
0

Adv (NAm)

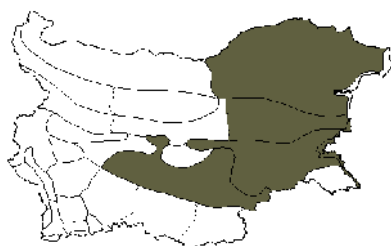
Chenopodium strictum
Roth



1000
⇕
0

Eur-As

Chenopodium pumilio
R. Br.



1000
⇕
0

Adv (Aus)

Chenopodium urbicum
L.



1000
⇕
0

Eur-As

Chenopodium rubrum
L.



1000
⇕
0

subBoreal

Chenopodium vulvaria
L.



800
⇕
0

Eur-As

Chondrilla juncea
L.



1000
⇕
0

Eur-Sib

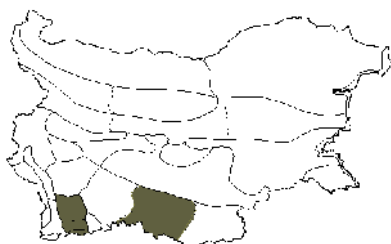
Chrysosplenium alternifolium
L.



1800
⇕
0

subBoreal

Chondrilla urumoffii
Degen



1800
⇕
800



Bal

Cicer montbretii
Jaub. & Spach

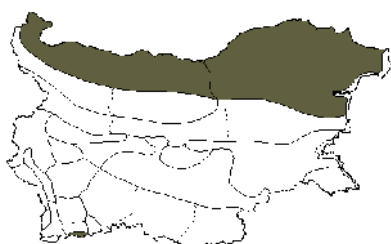


300
⇕
0



Bal-Anat

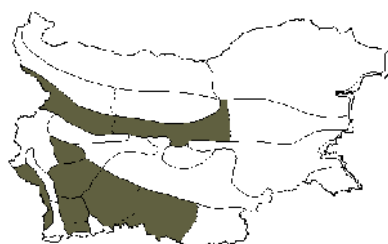
Chorispora tenella
(Pall.) DC.



150
⇕
0

Eur-As

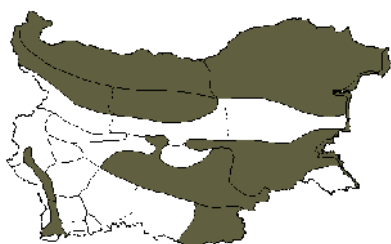
Cicerbita alpina
Wallr.



2000
⇕
1500

Eur-Med

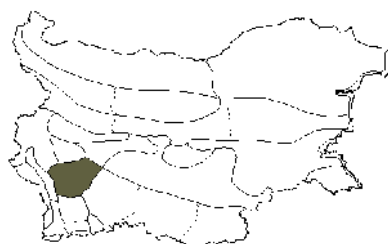
Chrozophora tinctoria
(L.) Juss.



300
⇕
0

Med

Cicerbita pancicii
(Vis.) P. Beauv.



2000
⇕
1500



Bal

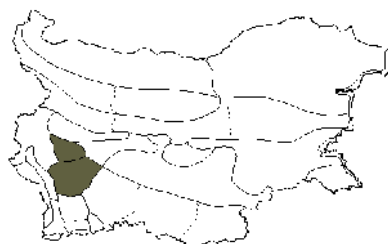
Chrysopogon gryllus
(L.) Trin.



1300
⇕
0

Pont-Med

Cicerbita plumieri
(L.) Kirschl.



2000
⇕
1000



Alp-Med

Cichorium endivia

L.



200

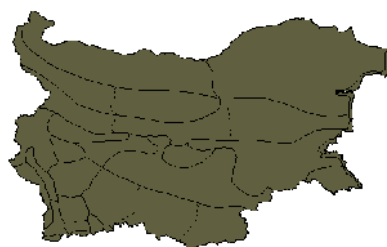


0

Med

Circaea luteciana

L.



2000



0

Boreal

Cichorium inthybus

L.



1000



0

Eur-Sib

Cirsium alatum

(S. G. Gmel.) Bobr.



0

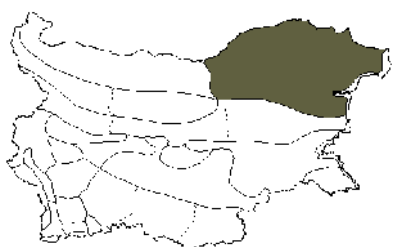


0

Pont-Sib

Cicuta virosa

L.



100



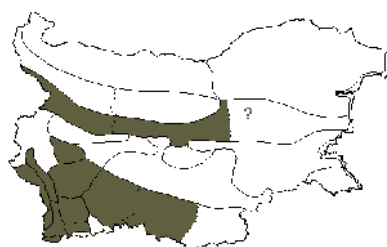
0



Eur-As

Cirsium appendiculatum

Griseb.



2500

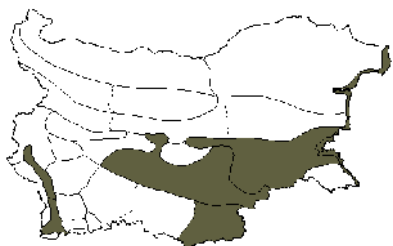


1000

Bal

Cionura erecta

(L.) Griseb.



300

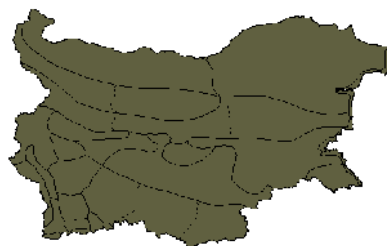


0

Med

Cirsium arvense

(L.) Scop.



2000

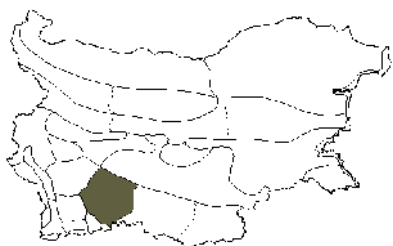


0

Eur-As

Circaea alpina

L.



1450



1450



Boreal

Cirsium bulgaricum

DC.



200



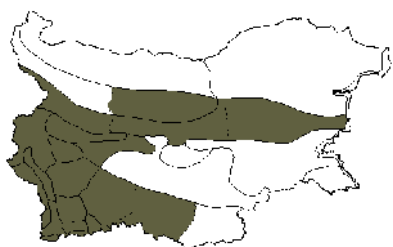
0



Bal-Anat

Cirsium candelabrum

Griseb.



2000



500

Carp-Bal

Cirsium ligulare

Boiss.



1800



0

Med

Cirsium canum

(L.) All.



1000

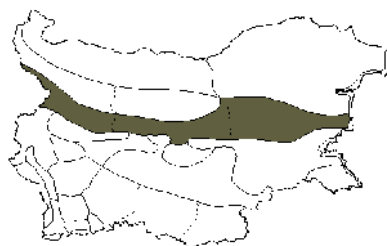


0

Eur-Med

Cirsium oleraceum

(L.) Scop.



1500



600

Pont-Sib

Cirsium creticum

(Lam.) D'Urv.



1000

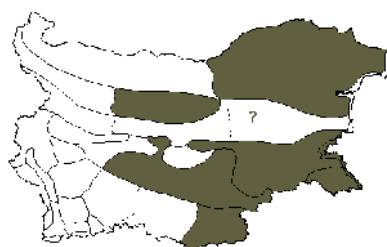


0

Med

Cirsium pannonicum

(L. f.) Link



700

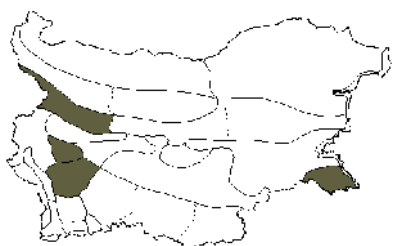


0

Eur-Med

Cirsium heterotrichum

Pančić



2500

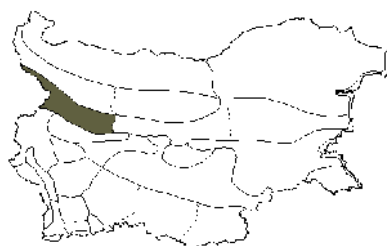


0

subBal

Cirsium rivulare

(Jacq.) All.



1500

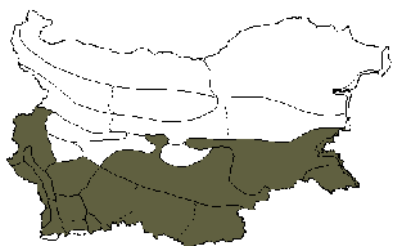


1000

CEur

Cirsium italicum

(Savi) DC.



1000

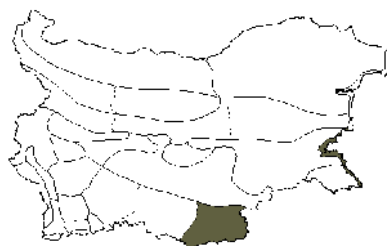


0

Med

Cirsium stojanovii

Kuzmanov



500



0



Bul

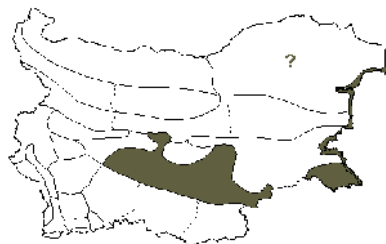
Cirsium vulgare
(Savi) Ten.



1500
⇕
0

Eur-Med

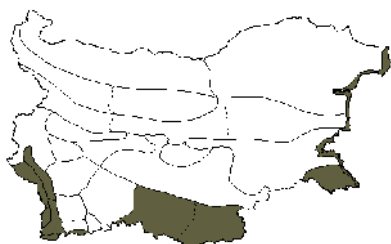
Cleistogenes bulgarica
(Bornm.) Keng



100
⇕
0

Pont

Cistus incanus
L.



700
⇕
0

Med

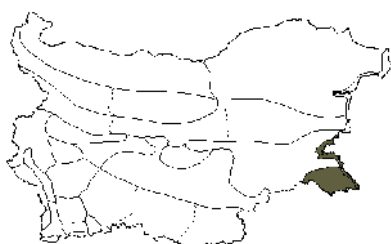
Cleistogenes serotina
(L.) Keng



1000
⇕
0

Eur-subMed

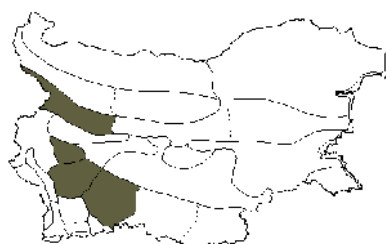
Cistus salviifolius
L.



200
⇕
0

! Eur-As

Clematis alpina
(L.) Mill.



2000
⇕
1000

! Eur

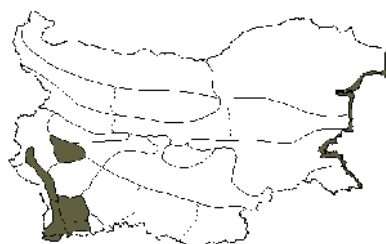
Citrullus colocynthis
(L.) Schrad.



200
⇕
0

Adv

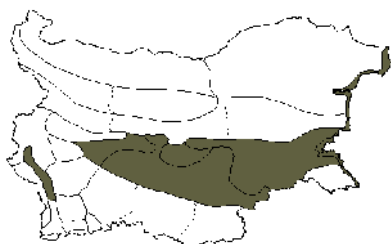
Clematis flammula
L.



1000
⇕
0

Med

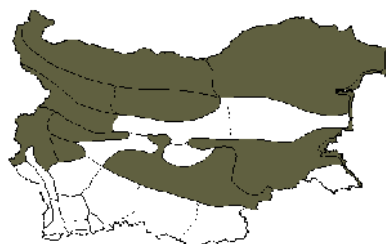
Cladium mariscus
(L.) Pohl



400
⇕
0

Kos

Clematis integrifolia
L.

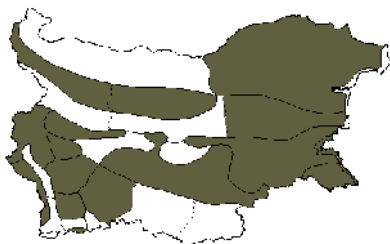


1000
⇕
0

Eur-As

Clematis recta

L.



2000

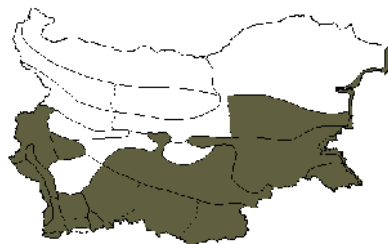


0

subMed

Clypeola jonthlaspi

L.



700



0

Med

Clematis vitalba

L.



2000

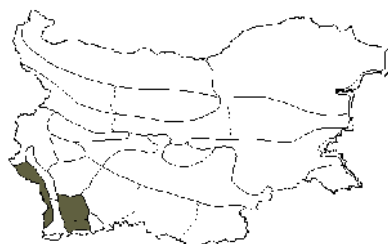


0

Eur

Clypeola microcarpa

Moris



1000

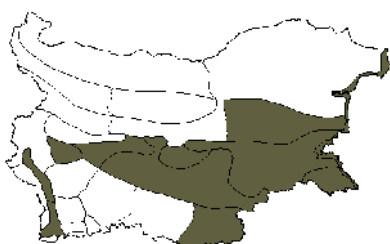


0

Med

Clematis viticella

L.



1000

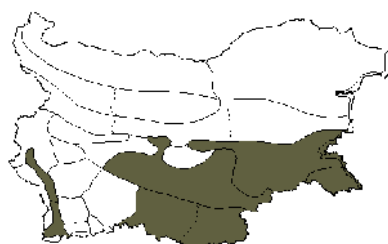


0

Pont-Med

Cnicus benedictus

L.



1500

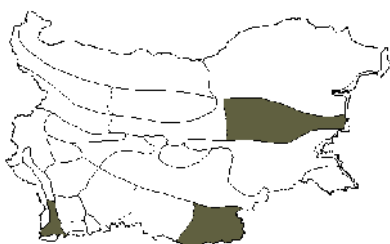


0

Med

Cleome ornithopodioides

L.



800



0



Med-CAs

Cnicus bulgaricus

Panov



1000



500

Bul

Clinopodium vulgare

L.



2000



0

subBoreal

Cnidium silaifolium

(Jacq.) Simonk.



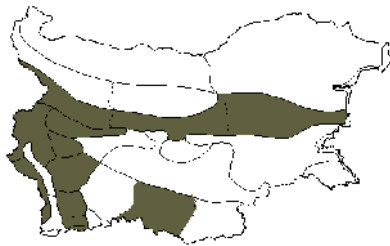
1800



0

Med-Sib

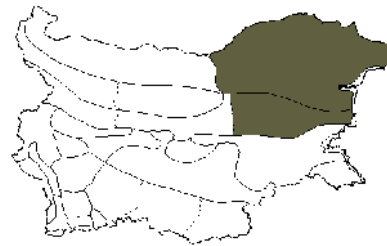
Coeloglossum viride
(L.) Hartm.



2400
⇕
1000

Boreal

Colchicum davidovii
Stef.

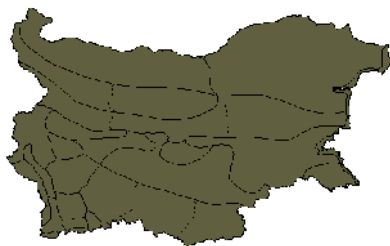


1000
⇕
0

!

Bul

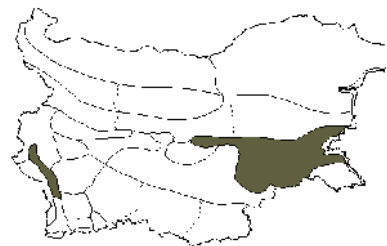
Colchicum autumnale
L.



2900
⇕
0

Eur

Colchicum diampolis
Delip. & Cheschm.



600
⇕
0

!

Bul

Colchicum biebersteinii
Rouy



1000
⇕
0

Med

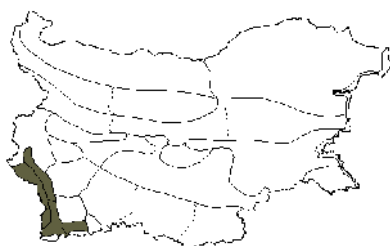
Colchicum doerfleri
Halácsy



1000
⇕
0

Bal

Colchicum bivonae
Guss.

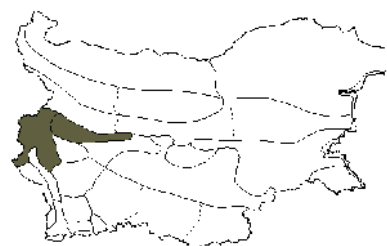


1000
⇕
0

!

Med

Colchicum haynaldii
Heuffel



1000
⇕
500

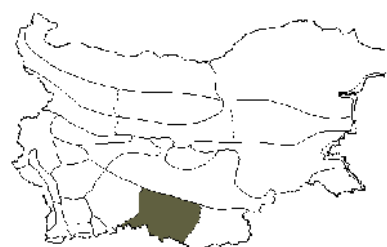
Colchicum calycimbium
Stearn & Stef.



500
⇕
0

Bul

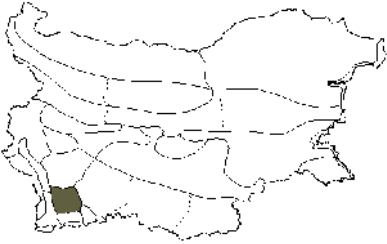


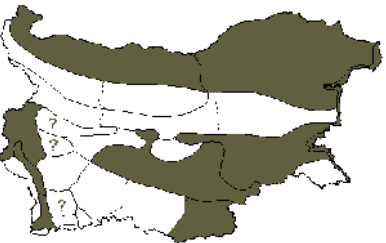
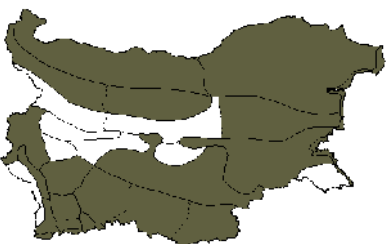
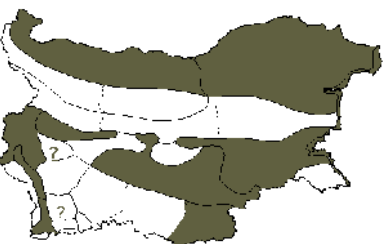


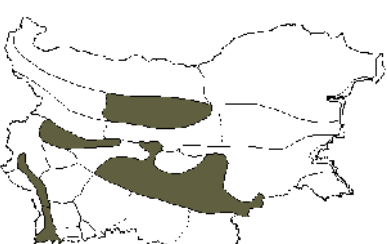
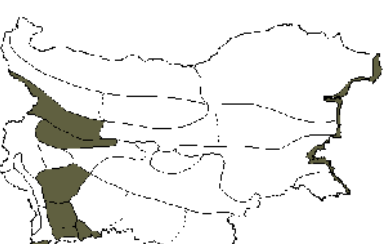
Colchicum rhodopaeum
Kov.



1000
⇕
500

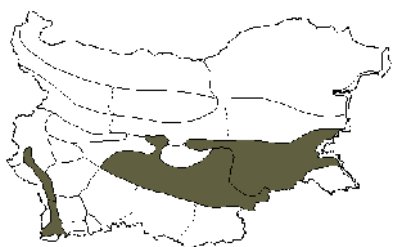
!

Bul

<p>Colchicum triphyllum Kunze</p>  <p style="text-align: right;">⇕</p>	<p>Conium maculatum L.</p>  <p style="text-align: right;">1200 ⇕ 0</p> <p style="text-align: right;"><i>Eur-As</i></p>
<p>Colchicum turcicum Janka</p>  <p style="text-align: right;">1000 ⇕ 0</p> <p style="text-align: right;"><i>Bal-Anat</i></p>	<p>Conringia austriaca (Jacq.) Sweet</p>  <p style="text-align: right;">1000 ⇕ 0</p> <p style="text-align: right;"><i>subMed</i></p>
<p>Colutea arborescens L.</p>  <p style="text-align: right;">1000 ⇕ 0</p> <p style="text-align: right;"><i>subMed</i></p>	<p>Conringia orientalis (L.) Dumort.</p>  <p style="text-align: right;">1000 ⇕ 0</p> <p style="text-align: right;"><i>Eur-As</i></p>
<p>Comandra elegans (Rochel ex Rchb.) Rchb. f.</p>  <p style="text-align: right;">1200 ⇕ 0</p> <p style="text-align: right;"><i>Bal-Dac-Anat</i></p>	<p>Conringia planisiliqua Fisch. & C. A. Mey.</p>  <p style="text-align: right;">200 ⇕ 0</p> <p style="text-align: right;"><i>OT (Adv?)</i></p>
<p>Commelina communis L.</p>  <p style="text-align: right;">500 ⇕ 0</p> <p style="text-align: right;"><i>Adv</i></p>	<p>Consolida ajacis (L.) Schur</p>  <p style="text-align: right;">900 ⇕ 0</p> <p style="text-align: right;"><i>subMed</i></p>

Consolida hellespontica

(Boiss.) Chater



500

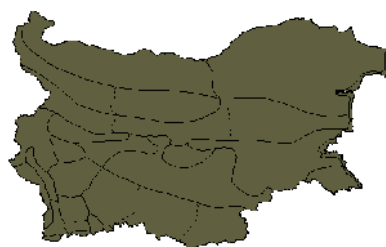


0

Med

Convolvulus arvensis

L.



1500

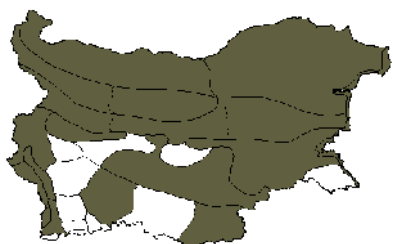


0

Kos

Consolida hispanica

(Costa) Greuter & Burdet



300

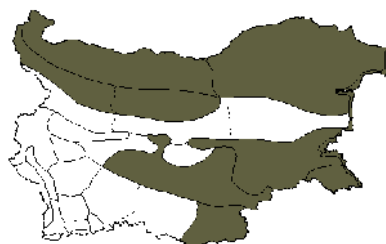


0

Med

Convolvulus betonicifolius

Mill.



500



0

Pont-Med

Consolida regalis

Gray



500

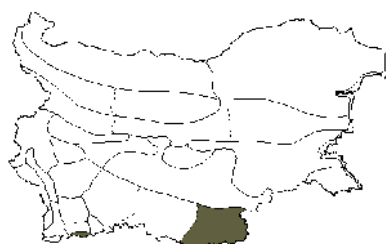


0

Eur-Med

Convolvulus boissieri

Steud.



2000



0



Med

Convallaria majalis

L.



1500



0

Boreal

Convolvulus cantabrica

L.



1000

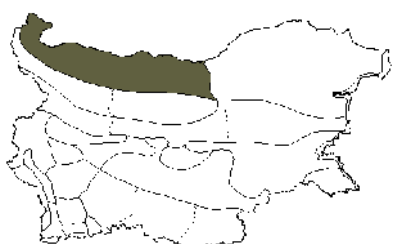


0

Pont

Convolvulus althaeoides

L.



200



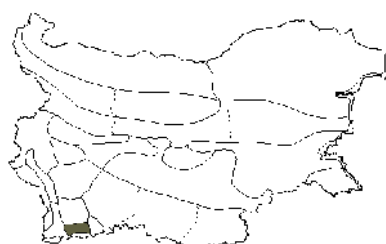
0



Med

Convolvulus holosericeus

M. Bieb.



1000



0



Pont-Med

Convolvulus lineatus

L.



100



0



Eur-As

Conyza sumatrensis

(Retz.) E. Walker



1000



0

Adv (SAm)

Convolvulus persicus

L.



10



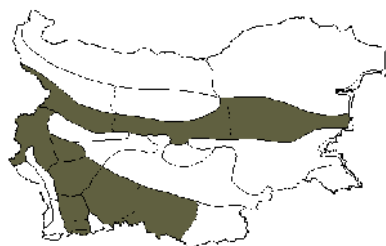
0



Pont-As

Corallorhiza trifida

Châtel



1700



0

Boreal

Convolvulus pilosellifolius

Desr.



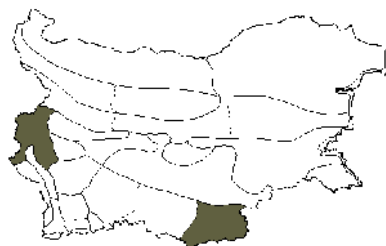
100



0

Coriandrum sativum

L.



300

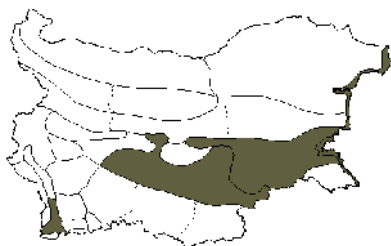


0

Pont-Med

Conyza bonnariensis

(L.) Cronquist



300

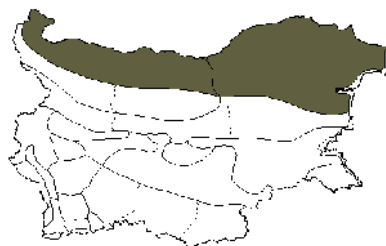


0

Adv (SAm)

Corispermum marschalii

Steven



50

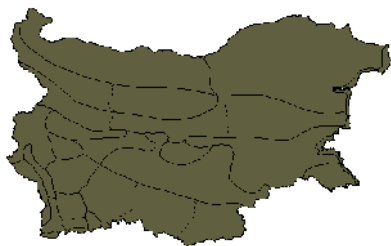


0

Pont-Sib

Conyza canadensis

(L.) Cronquist



1000

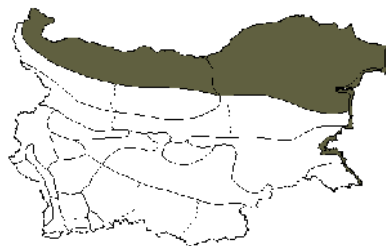


0

Adv (NAm)

Corispermum nitidum

Kit.



100



0

Eur

Cornus mas

L.



1300

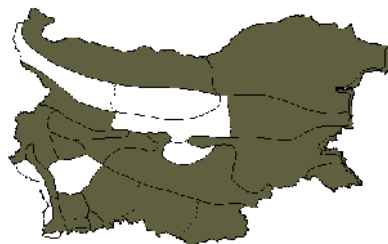


0

subMed

Coronilla scorpioides

(L.) C. Koch



300



0

subMed

Cornus sanguinea

L.



1800



0

subMed

Coronilla varia

L.



2000

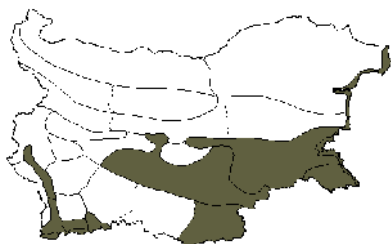


0

Eur-Med

Coronilla cretica

L.



500



0

Med

Coronopus squamatus

(Forssk.) Asch.



1000

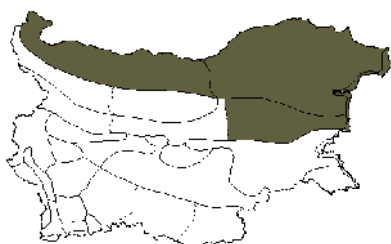


0

Eur-Med

Coronilla elegans

L.



300

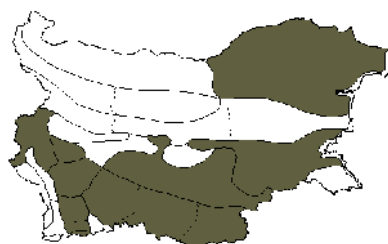


0

Pont

Corothamnus agnipilus

(Velen.) Klásk.



1500

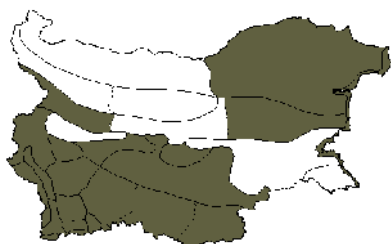


300

Bal

Coronilla emerus

L.



900



0

subMed

Corothamnus procumbens

(Waldst. & Kit.) C. Presl



1000

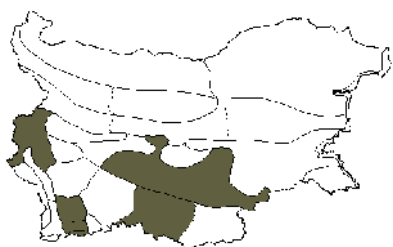


0

Eur-Med

Corothamnus rectipilosus

(Adamović) Skalická



2000



600

Bal

Corydalis slivenensis

Velen.



1200

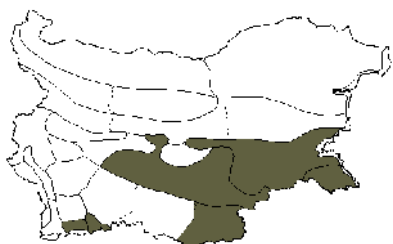


0

subMed

Corrigiola litoralis

L.



1000



0

subMed

Corydalis solida

(L.) Schwarz



2600

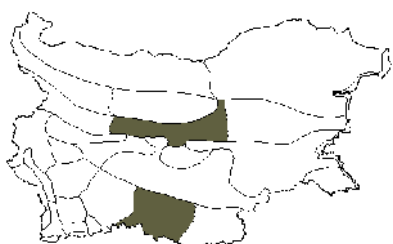


0

Eur-Med-CAs

Cortusa mathioli

L.



2000



1300



Arct-Alp

Corylus avellana

L.



1800



0

Med-CAs

Corydalis bulbosa

(L.) DC.



2500



0

Eur-Med

Corylus colurna

L.



1200



0

Pont-CAs

Corydalis marschalliana

(Pall.) Pers.



2000



0

subMed

Corynephorus divaricatus

(Pouret) Breistr.



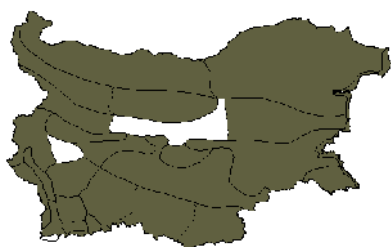
300



0

Pont-Med

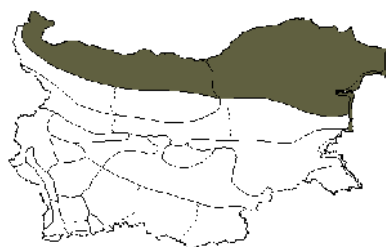
Cotinus coggygia
Scop.



1000
⇕
0

Med-As

Crambe tataria
Sebeók



300
⇕
0



Eur-Sib

Cotoneaster integerrimus
Medicus



2600
⇕
300

Eur-Sib

Crassula tillaea
Lest.-Garl.



500
⇕
0



subMed

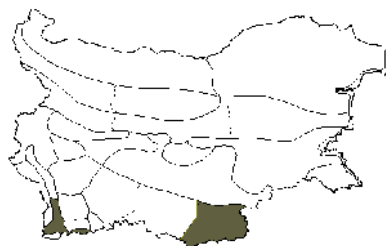
Cotoneaster nebrodensis
(Guss.) C. Koch



2000
⇕
800

subMed

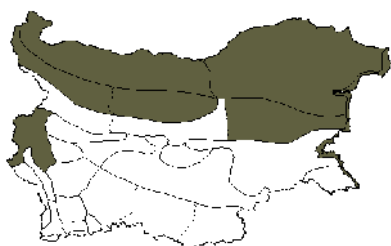
Crataegus heldreichii
Boiss.



500
⇕
0

Bal

Cotoneaster niger
(Thunb.) Fr.



700
⇕
50

Eur-As

Crataegus microphylla
C. Koch

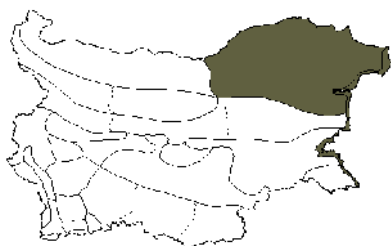


100
⇕
0



Eux

Crambe maritima
L.



300
⇕
0

Eur

Crataegus monogyna
Jacq.

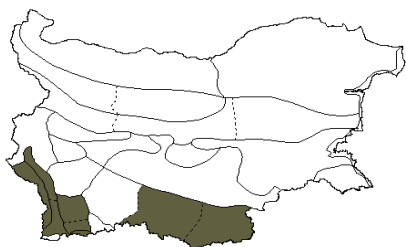


1500
⇕
0

subBoreal

Crataegus orientalis

Pall. ex M. Bieb.



1000

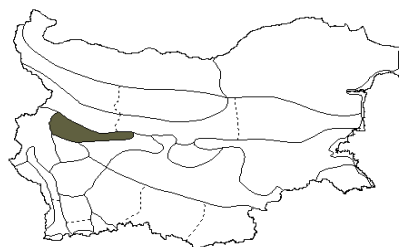


200

Med

Crepis capillaris

(L.) Wallr.



600

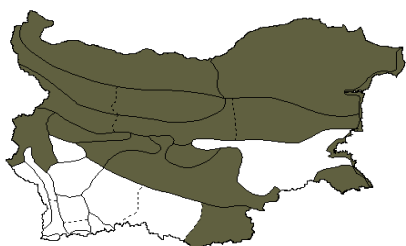


0

subMed

Crataegus pentagyna

Waldst. & Kit.



400

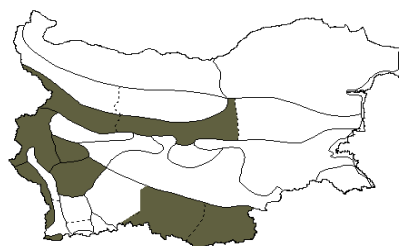


50

subMed

Crepis conyzifolia

(Gouan) A. Kern.



2300

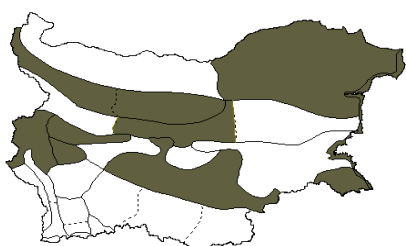


600

subMed

Crataegus rhipidophylla

Gand.



1500

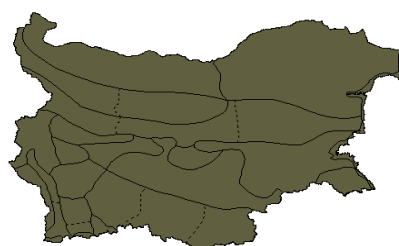


0

subBoreal

Crepis foetida

L.



1000



0

Eur-Med

Crepis biennis

L.



1600

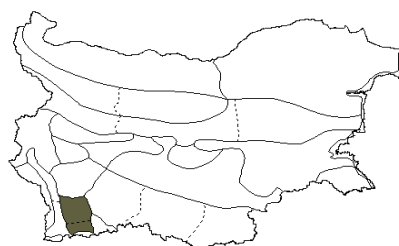


0

subMed

Crepis mollis

(Jacq.) Asch.



2800

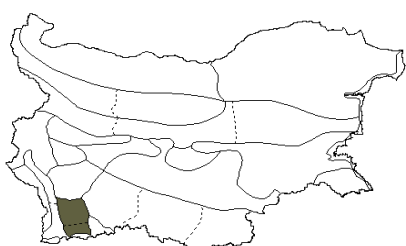


2500

Eur

Crepis bithynica

Boiss.



2500



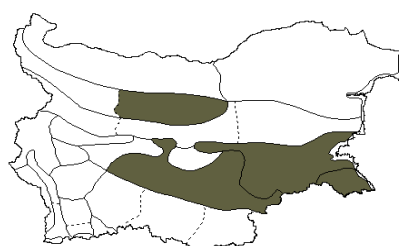
1800



Bal-Anat

Crepis nicaeensis

Balb.



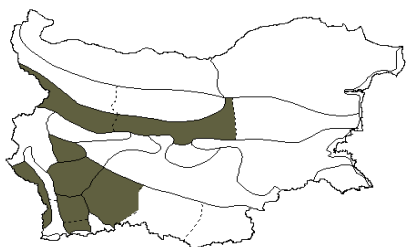
800



0

subMed

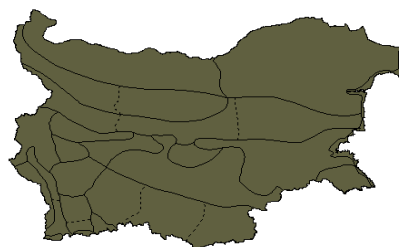
Crepis paludosa
(L.) Moench



2800
⇕
2000

Eur-Sib

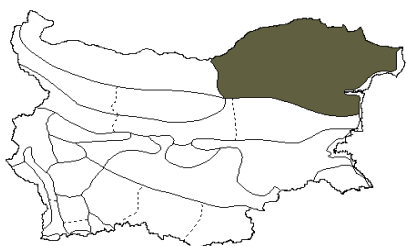
Crepis sancta
(L.) Babc.



1000
⇕
0

subMed

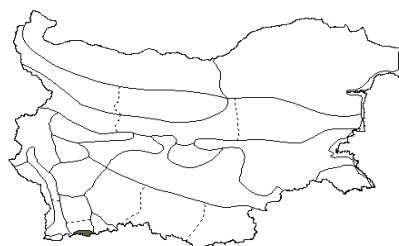
Crepis pannonica
(Jacq.) C. Koch



500
⇕
0

Pont-OT

Crepis schachtii
Babcock

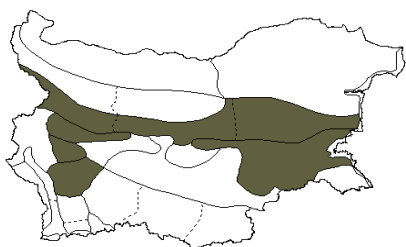


2200
⇕
1300



Bul

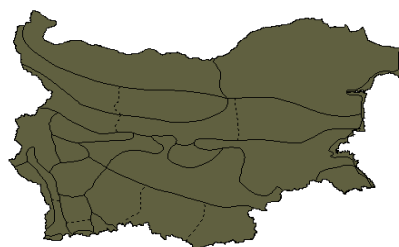
Crepis praemorsa
(L.) Tausch



2000
⇕
0

Pont-Sib

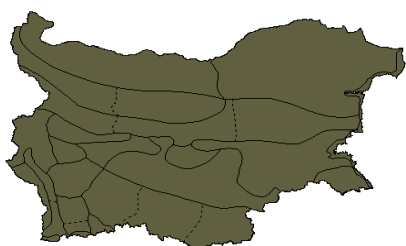
Crepis setosa
Haller f.



1000
⇕
0

Eur-Med

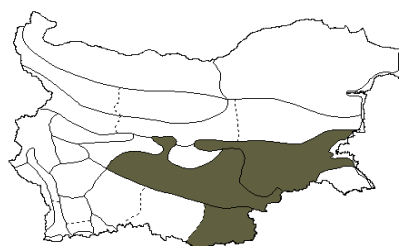
Crepis pulchra
L.



1000
⇕
0

Eur-Med

Crepis stojanovii
T. Georg.

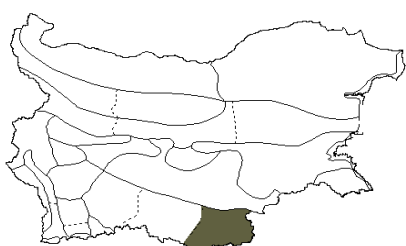


1000
⇕
0



Bul

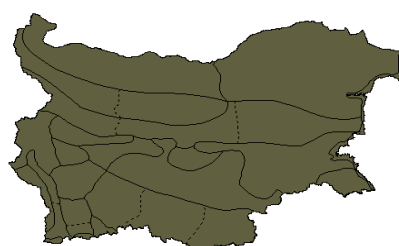
Crepis rubra
L.



400
⇕
0

EMed

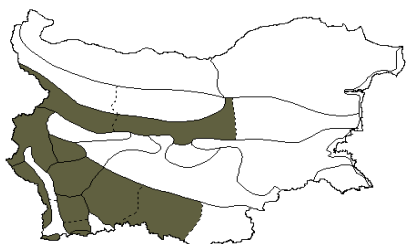
Crepis tectorum
L.



1000
⇕
0

Eur-Sib

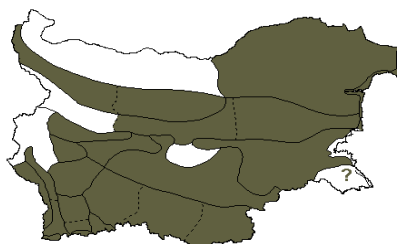
Crepis viscidula
Froel



1800
⇕
1300

Carp-Bal

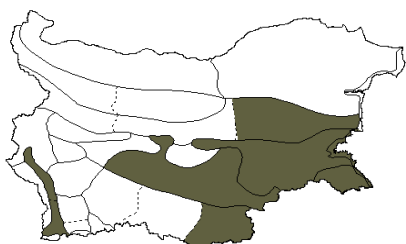
Crocus chrysanthus
(Herbert) Herbert



1800
⇕
0

Bal-Anat

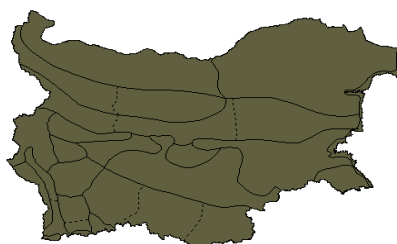
Crepis zacintha
(L.) Babcock



1000
⇕
0

Med

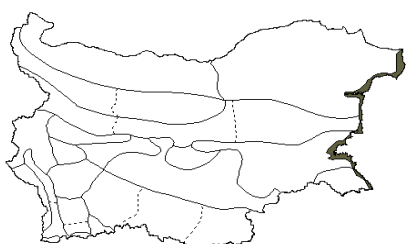
Crocus flavus
Weston



1500
⇕
0

Eur-Pont

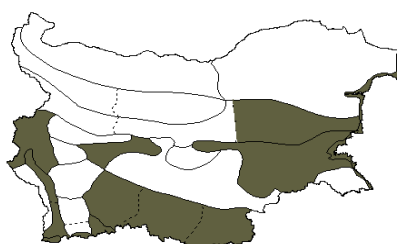
Cressa cretica
L.



0
⇕
0

! Med-CAs

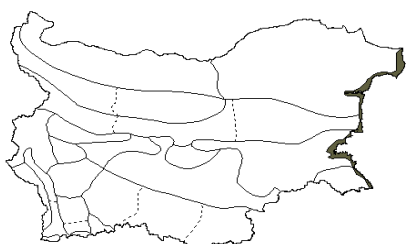
Crocus olivieri
J. Gay



1000
⇕
0

! Bal-Anat

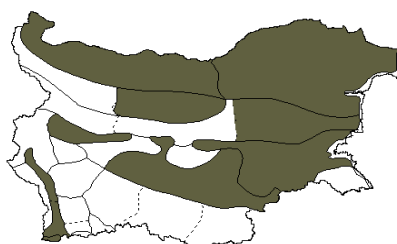
Crithmum maritimum
L.



100
⇕
0

subMed

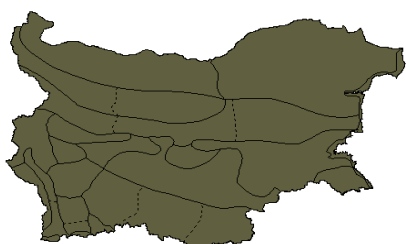
Crocus pallasii
Goldb.



1000
⇕
0

Pont-Med

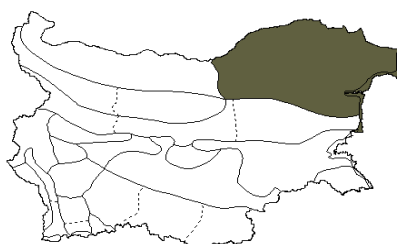
Crocus biflorus
Mill.



1800
⇕
0

Med

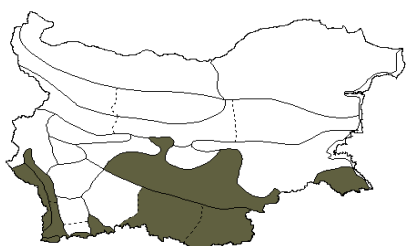
Crocus pallidus
Kitanov & Drenkovsky



200
⇕
0

Bal

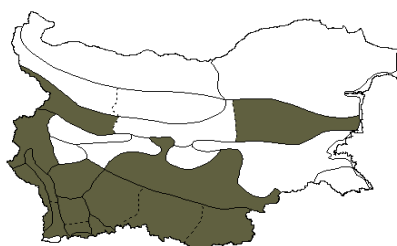
Crocus pulchellus
Herbert



1500
⇕
0

Bal-Anat

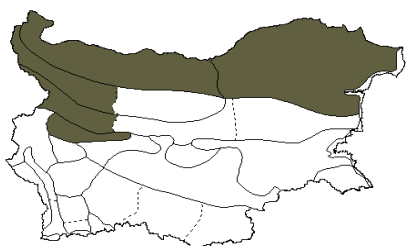
Crucianella graeca
Boiss.



1000
⇕
200

Bal

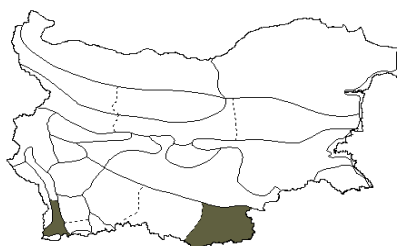
Crocus reticulatus
Steven ex Adams



1000
⇕
0

Pont-Med

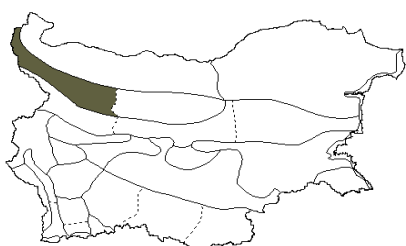
Crucianella latifolia
L.



300
⇕
200

Med

Crocus tommasinianus
Herbert

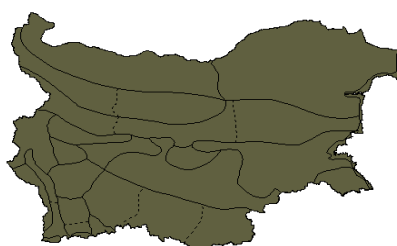


700
⇕
600



Pann-Bal

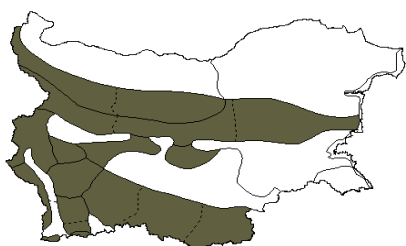
Cruciata glabra
(L.) Ehrend.



2500
⇕
0

subMed-CAs

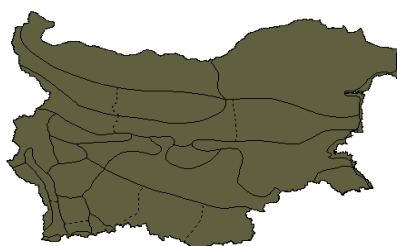
Crocus veluchensis
Herbert



2500
⇕
1500

Bal

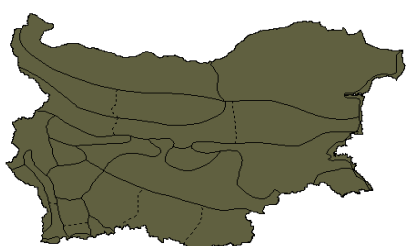
Cruciata laevipes
Opiz



1900
⇕
100

subMed-CAs

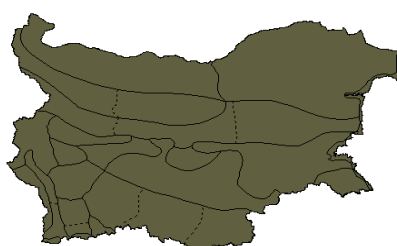
Crucianella angustifolia
L.



1300
⇕
0

Med

Cruciata pedemontana
(Bellardi) Ehrend.

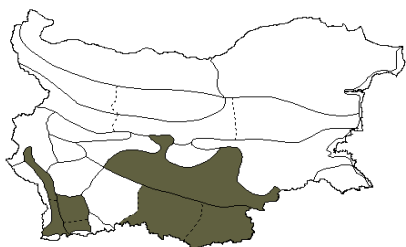


1700
⇕
0

Med-CAs

Crupina crupinastrum

(Moris) Vis.



800

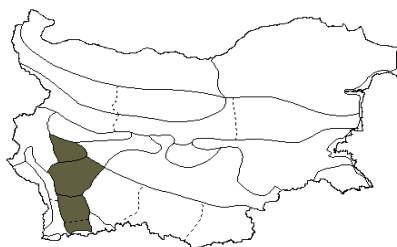


0

Med

Cryptogramma crispa

(L.) R. Br.



2500



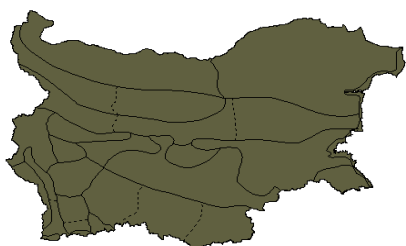
2000



Eur-Sib

Crupina vulgaris

Cass.



1500

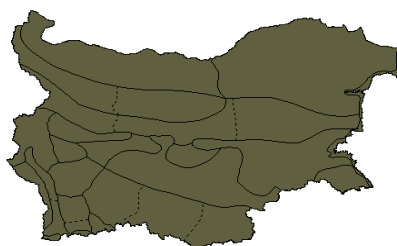


0

subMed

Cucubalus baccifer

L.



1300

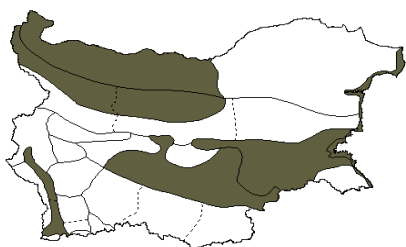


0

Eur-As

Crypsis aculeata

(L.) Aiton



200

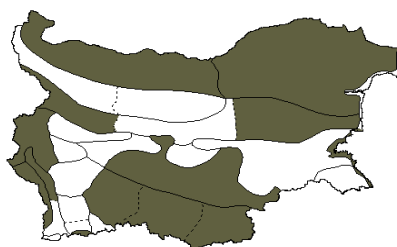


0

Eur-As

Cuscuta approximata

Bab.



1500



200

Med-NAm

Crypsis alopecuroides

(Piller & Mitterp.) Schrad.



1200

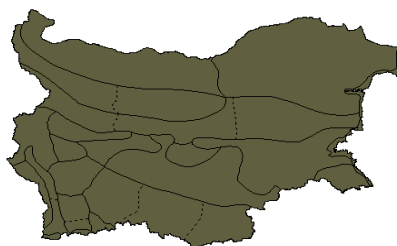


0

Eur-As

Cuscuta campestris

Yunck.



1800

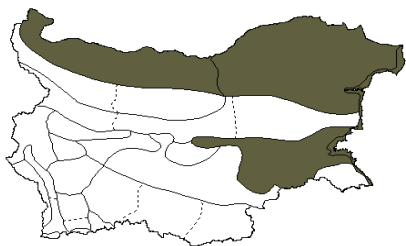


0

Adv (NAm)

Crypsis schoenoides

(L.) Lam.



200

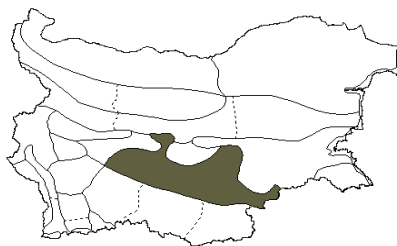


0

Boreal

Cuscuta cesatiana

Bertol.



300

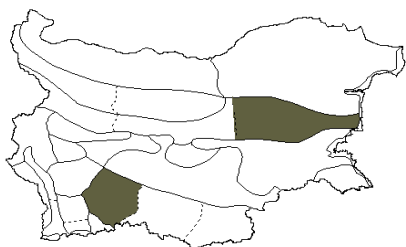


0

Kos

Cuscuta epilinum

Weihe



800

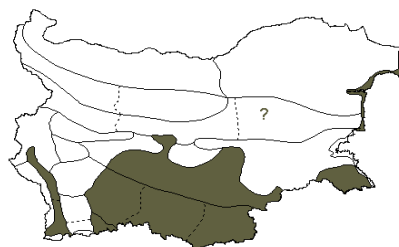


800

Eur-As

Cuscuta planiflora

Ten.



1500

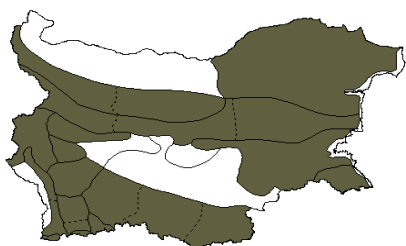


200

Med

Cuscuta epithymum

(L.) L.



1800

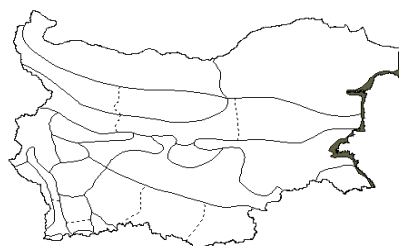


0

Eur

Cuscuta trifolii

Bab.



0



0

subMed

Cuscuta europaea

L.



2600

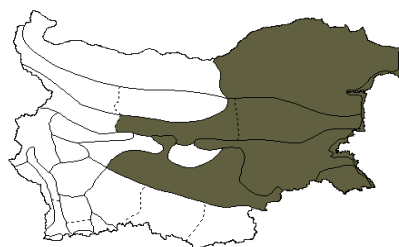


0

subBoreal

Cyclamen coum

Mill.



500



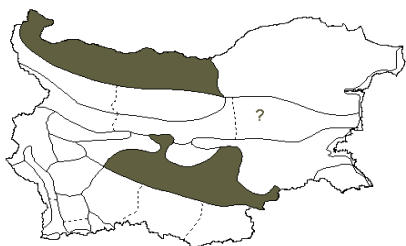
0



Pont-Med

Cuscuta lupuliformis

Krock.



300



0

Eur-As

Cyclamen hederifolium

Aiton



600



0

subMed

Cuscuta monogyna

Vahl



1500

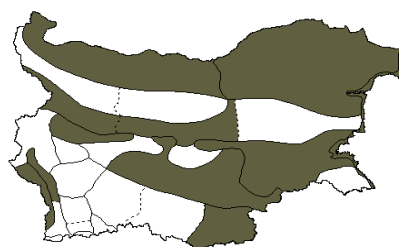


0

Eur-As

Cymbalaria muralis

Gaertn., B.Mayer & Schreb



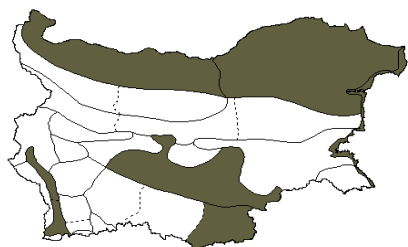
1000



0

Med

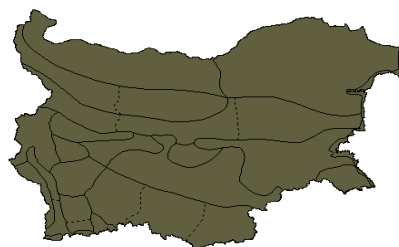
Cynanchum acutum
L.



300
⇕
0

Med-CAs

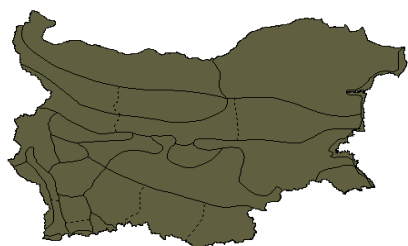
Cynoglossum officinale
L.



1500
⇕
0

SPont

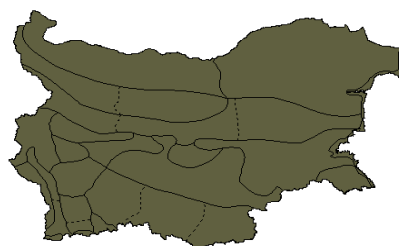
Cynodon dactylon
(L.) Pers.



800
⇕
0

Kos

Cynosurus cristatus
L.



1000
⇕
0

Eur

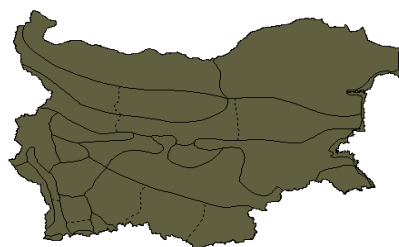
Cynoglossum creticum
Mill.



1000
⇕
0

Med-CAs

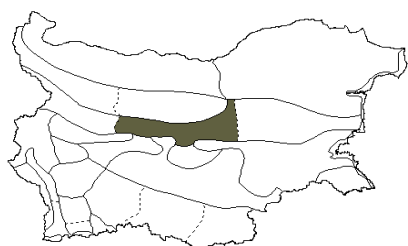
Cynosurus echinatus
L.



1200
⇕
0

subMed

Cynoglossum germanicum
Jacq.

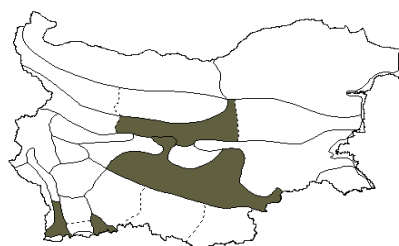


2900
⇕
1000

!

Eur-Med

Cyperus difformis
L.



500
⇕
100

Kos

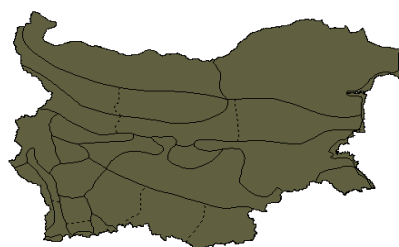
Cynoglossum montanum
L.



2000
⇕
0

subMed

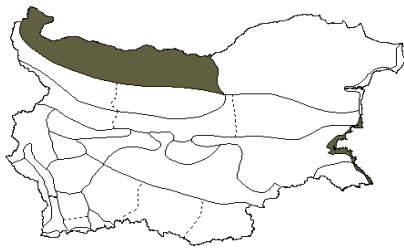
Cyperus fuscus
L.



1000
⇕
0

Boreal

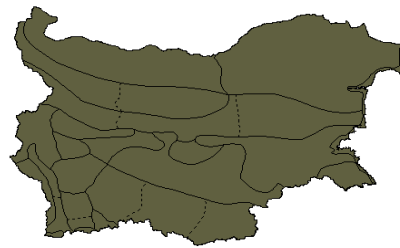
Cyperus strigosus
L.



200
⇕
0

Adv (NAm)

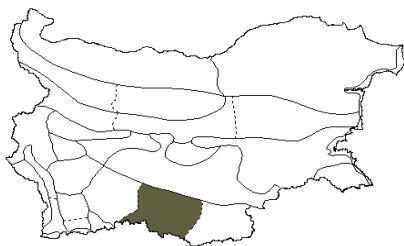
Dactylis glomerata
L.



1500
⇕
0

Eur-As

Cypripedium calceolus
L.

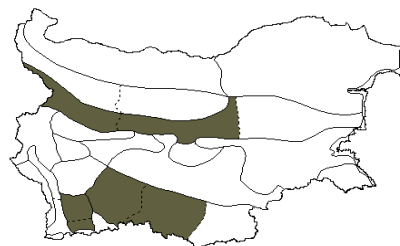


1500
⇕
800

!

Eur-As

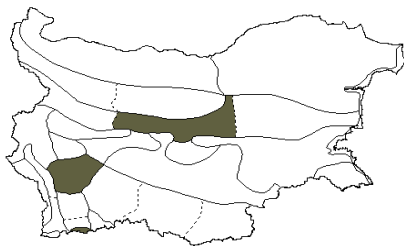
Dactylorhiza baumanniana
Hözl. & Künkele



2000
⇕
500

Bal

Cystopteris alpina
(Lam.) Desv.

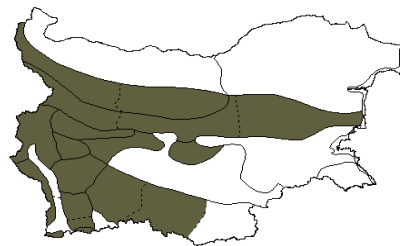


2500
⇕
1200

!

Kos

Dactylorhiza cordigera
(Fries) Sóo



2400
⇕
700

Carp-Bal

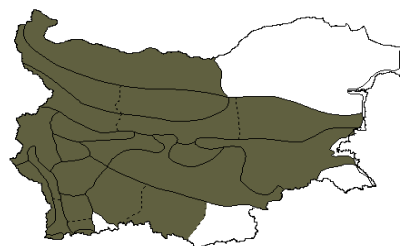
Cystopteris fragilis
(L.) Bernh.



2300
⇕
0

Kos

Dactylorhiza incarnata
(L.) Sóo

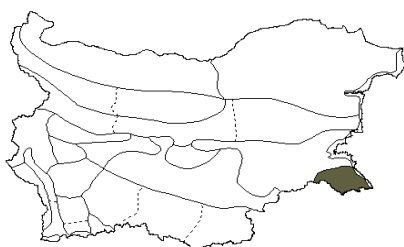


1500
⇕
0

!

Arct-Alp

Cytinus clusii
(Nyman) Gand.

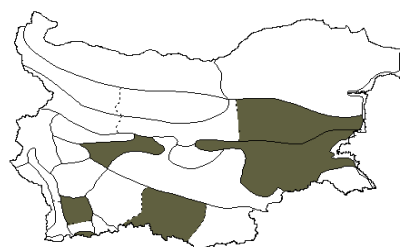


300
⇕
0

!

Med

Dactylorhiza kalopissii
E. Nelson



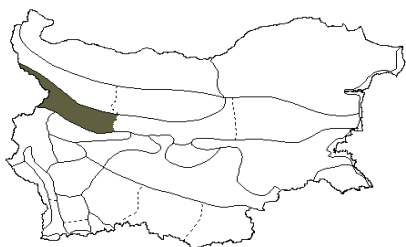
1000
⇕
0

!

Bal

Dactylorhiza maculata

(L.) Soó



1500

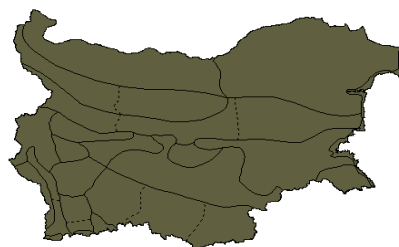


500

Eur

Danthonia alpina

Vest



1500

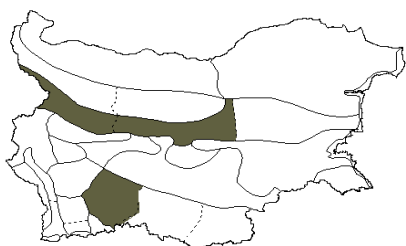


0

Eur

Dactylorhiza pindica

B. & E. Willing



1500

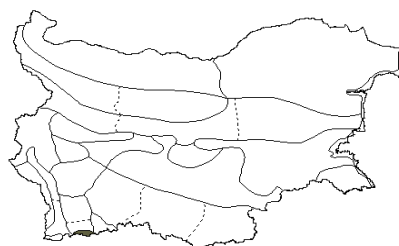


500

Bal

Danthoniastrum compactum

(Boiss. & Heldr.) Holub



300

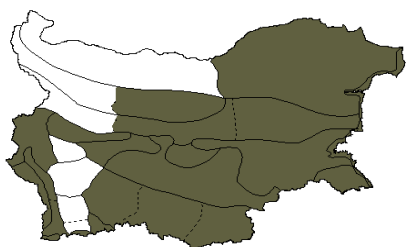


0

Bal-Anat

Dactylorhiza romana

(Sebast. & Mauri) Sóo



500

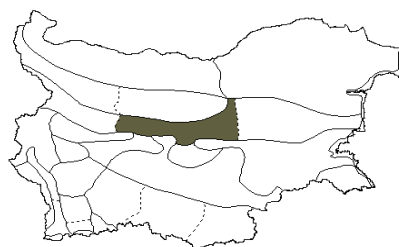


0

Med-CAs

Daphne blagayana

Freyer



1900



1500



Carp-Bal

Dactylorhiza saccifera

(Brongn.) Sóo



2200

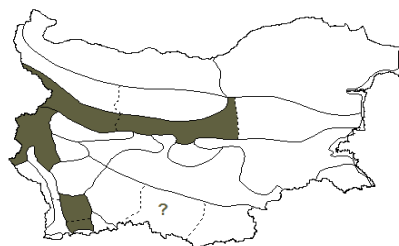


0

Eur-Sib

Daphne cneorum

L.



2700

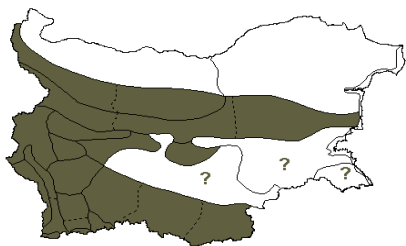


900

subMed

Dactylorhiza sambucina

(L.) Sóo



2200

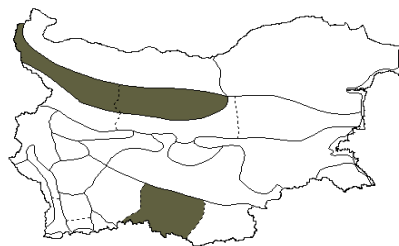


500

Eur

Daphne laureola

L.



1900

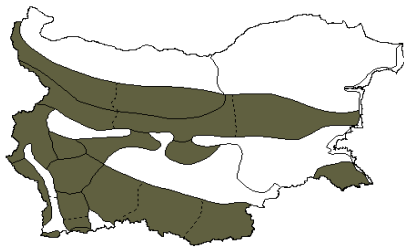


1000



subMed

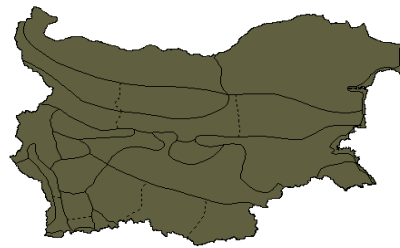
Daphne mezereum
L.



2000
⇕
600

Eur-Sib

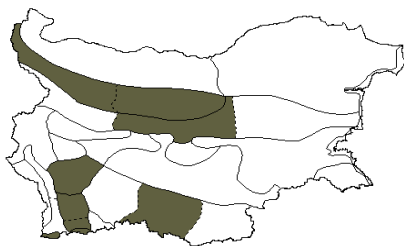
Datura stramonium
L.



800
⇕
0

Adv (Am)

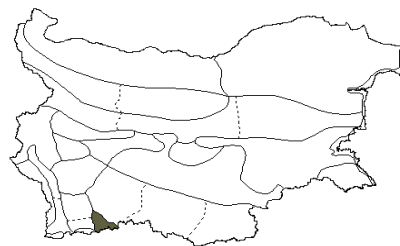
Daphne oleoides
Schreb.



2500
⇕
1000

subMed

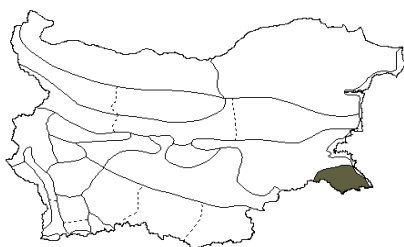
Daucus broteri
Ten.



300
⇕
0

Med

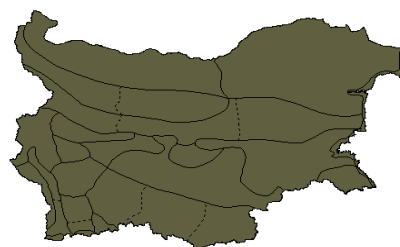
Daphne pontica
L.



700
⇕
50

!
Pont

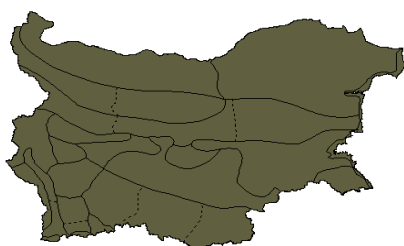
Daucus carota
L.



800
⇕
0

Eur-As

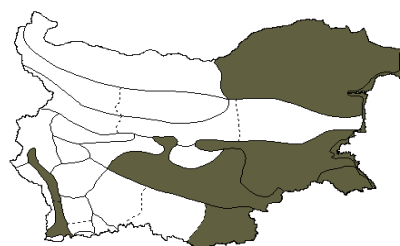
Dasypyrum villosum
(L.) Cand.



1000
⇕
0

subMed

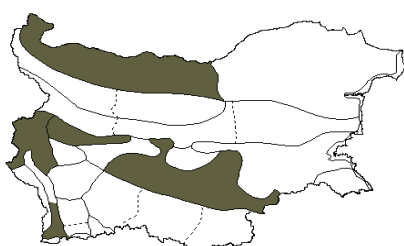
Daucus guttatus
Sm.



300
⇕
0

subMed

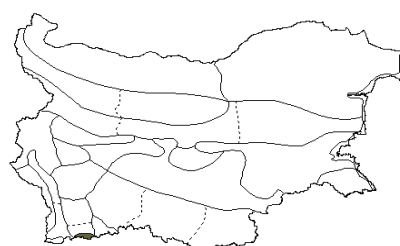
Datura innoxia
Mill.



500
⇕
0

Adv (Am)

Delphinium albiflorum
DC.

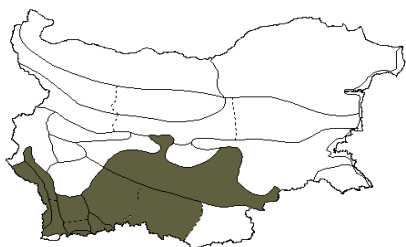


1600
⇕
1200

Bal

Delphinium balcanicum

Pawl.



500

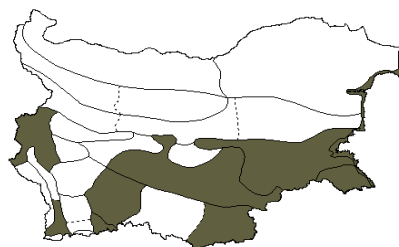


0

Bal

Desmazeria rigida

(L.) Tutin



500



0

subMed

Delphinium fissum

Waldst. & Kit.



2000



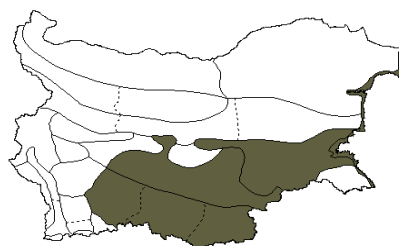
300



subMed

Dianthus aridus

Griseb. ex Janka



1000

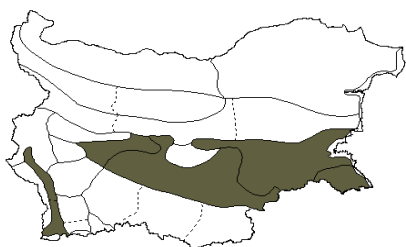


0

Pont-Sib

Delphinium peregrinum

L.



500

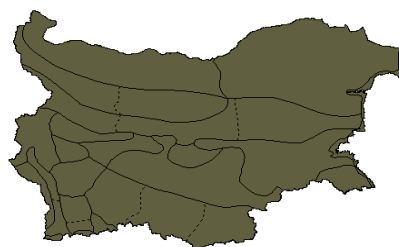


0

Med

Dianthus armeria

L.



1800

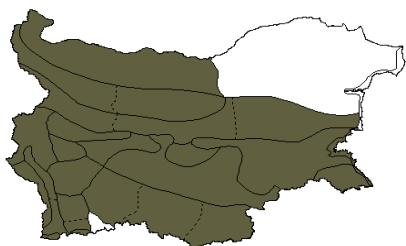


0

Eur

Deschampsia caespitosa

(L.) P. Beauv.



2900

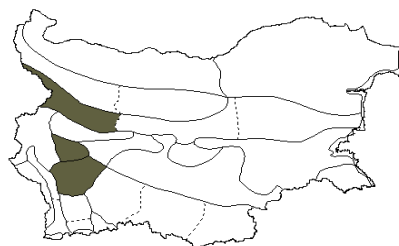


500

Boreal

Dianthus barbatus

L.



2000



700

Eur-Med

Descurainia sophia

(L.) Webb ex Prantl



1650

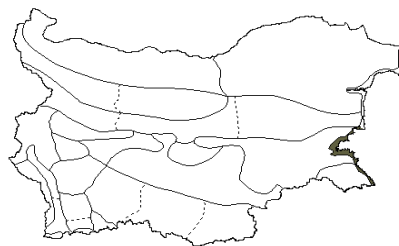


0

Eur-As

Dianthus burgasensis

Tutin



50

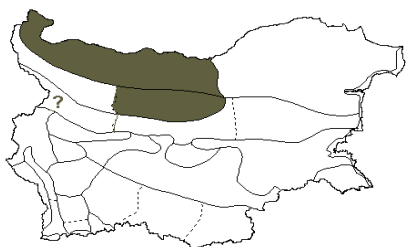


0

Bul

Dianthus capitatus

Balb. ex DC.



1000

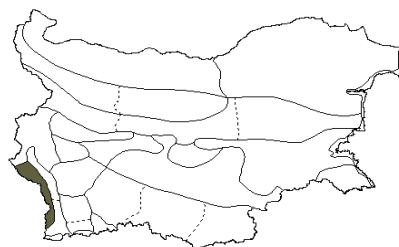


0

Pont

Dianthus diffusus

Sm.



200

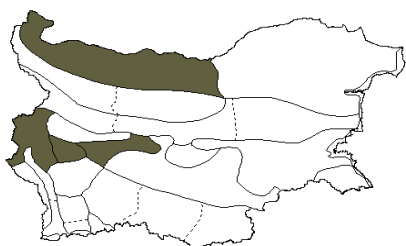


0

Pont

Dianthus cartusianorum

L.



200



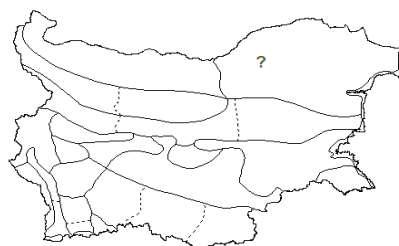
0



Eur

Dianthus dobrogensis

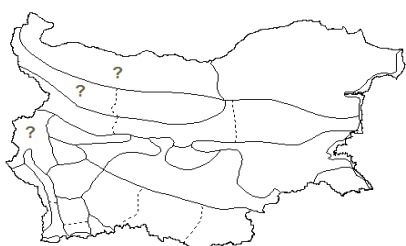
Prodan



Pont

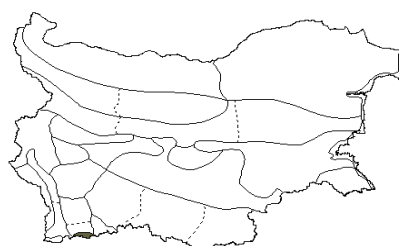
Dianthus collinus

Waldst. & Kit.



Dianthus drenowskyanus

Rech. f.



2000



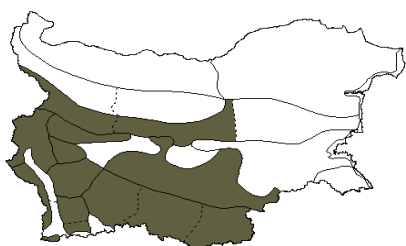
1000



Bal

Dianthus cruentus

Griseb.



2600



0

Bal-Aeg

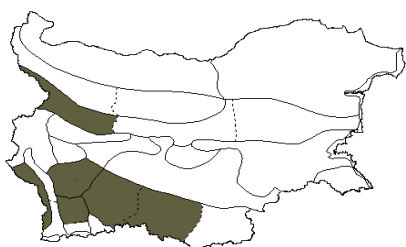
Dianthus freynii

Vand.



Dianthus deltoides

L.



2000

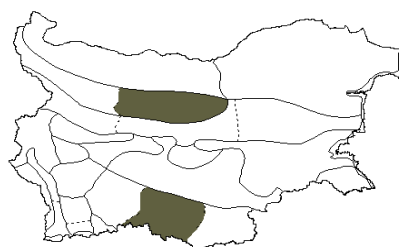


0

Eur-Sib

Dianthus giganteiformis

Borbás



1500



500

Pann-Bal

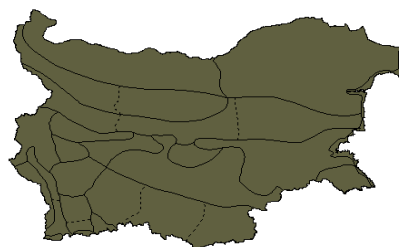
Dianthus giganteus
D'Urv.



2000
⇕
0

subMed

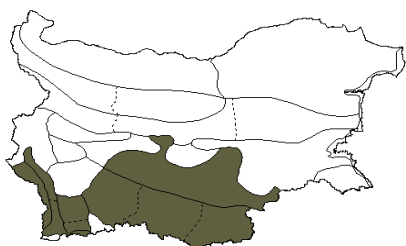
Dianthus moesiacus
Vis. & Pančić



1500
⇕
0

Bal

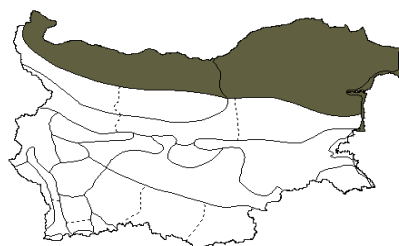
Dianthus gracilis
Sm.



2200
⇕
500

Bal

Dianthus nardiformis
Janka

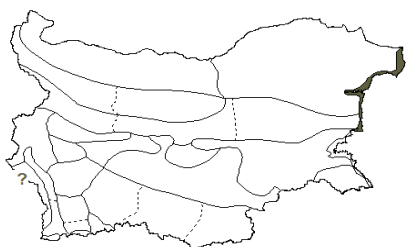


400
⇕
0

!

Pont

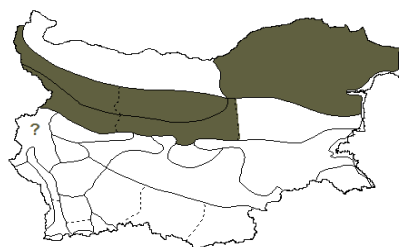
Dianthus leptopetalus
Willd.



100
⇕
0

Pont-Bal

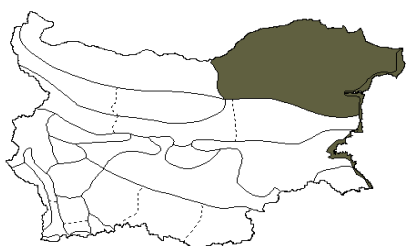
Dianthus noeanus
Boiss.



2000
⇕
700

Bal

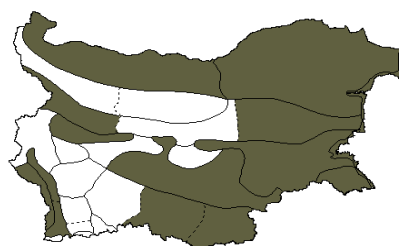
Dianthus membranaceus
Borbás



500
⇕
0

Pont

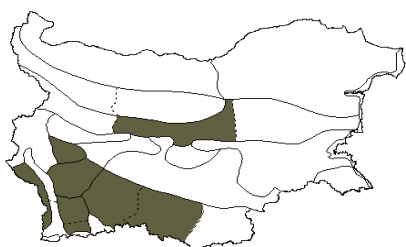
Dianthus pallens
Sm.



0
⇕
0

Bal-Dac

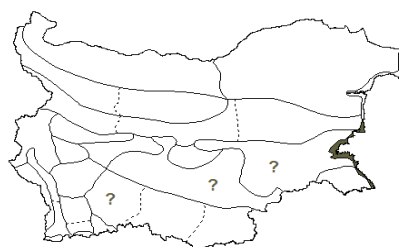
Dianthus microlepis
Boiss.



2700
⇕
1400

Bal

Dianthus pallidiflorus
Ser.



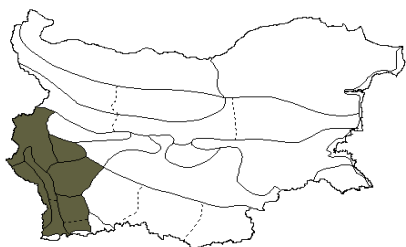
0
⇕
0

!

Pont-Sib

Dianthus pelviformis

Heuff.



1400



1000

Bal

Dianthus puberulus

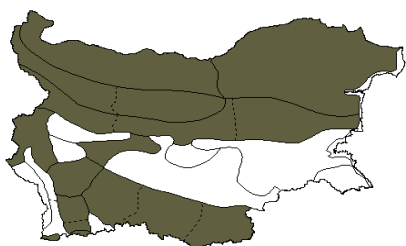
(Sm.) A. Kern.



Eur

Dianthus petraeus

Waldst. & Kit.



2000

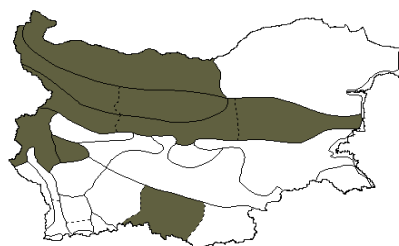


0

Bal-Dac

Dianthus quadrangulus

Velen.



1500

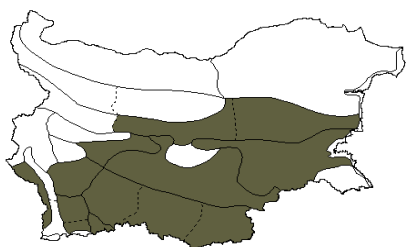


0

Bal

Dianthus pinifolius

Sm.



1500

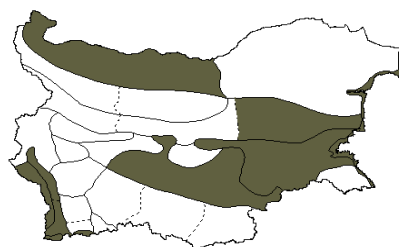


0

Bal-Dac

Dianthus roseo-luteus

Velen.



1000

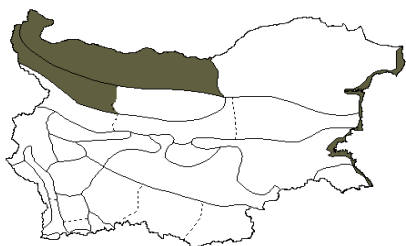


0

Pont-Sib

Dianthus pontederiae

A. Kern.



400

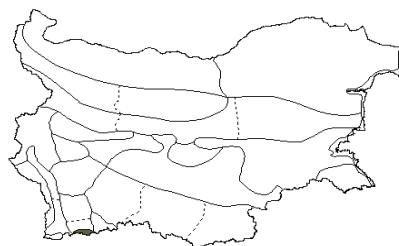


0

! subMed

Dianthus similans

Stoj. & Stef.



2000

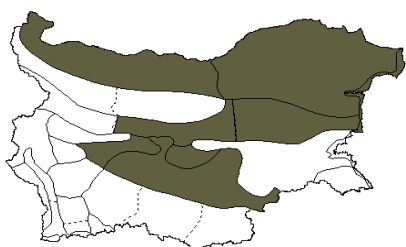


1000

Bal

Dianthus pseudarmeria

M. Bieb.



1000

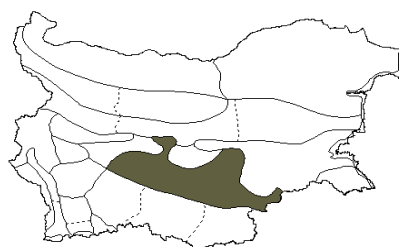


0

Med

Dianthus stenopetalus

Griseb.



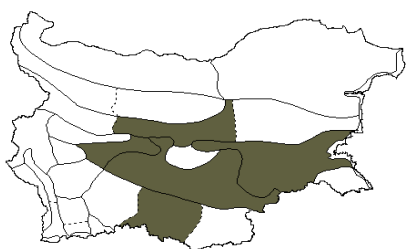
1500



0

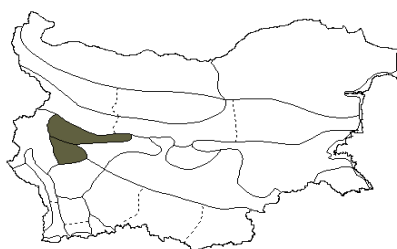
Bal

Dianthus strybrnyi
Velen.



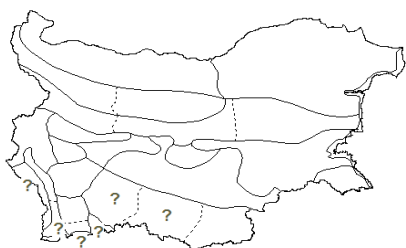
1500
⇕
0
!
Bal

Dianthus urumoffii
Stoj. & Acht.



700
⇕
200
!
Bul

Dianthus strymonis
Rech. f.



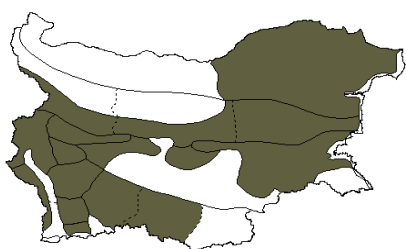
⇕

Dichanthium ischaemum
(L.) Roberty



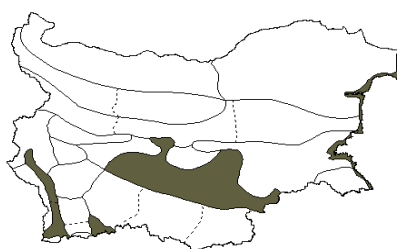
1000
⇕
0
subMed-As

Dianthus superbus
L.



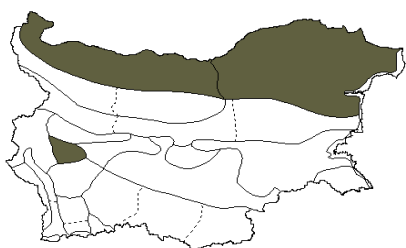
1800
⇕
800
Eur-As

Dichostylis hamulosa
(M. Bieb.) Nees



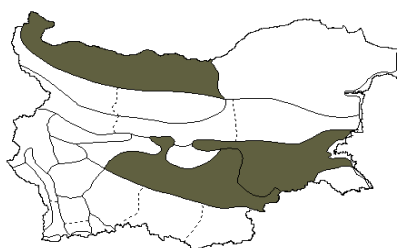
500
⇕
0
Pont-Sib

Dianthus trifasciculatus
Kit.



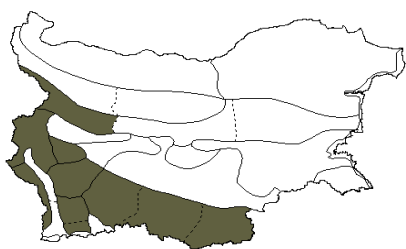
1000
⇕
0
Pont-Med

Dichostylis michelianus
(L.) Nees



200
⇕
0
Eur-As

Dianthus tristis
Velen.



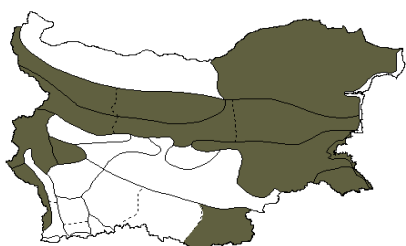
2600
⇕
1000
Bal

Dictamnus albus
L.



1200
⇕
0
Eur-As

Digitalis ferruginea
L.



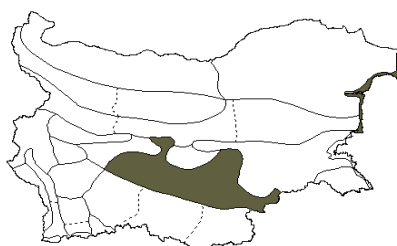
2000



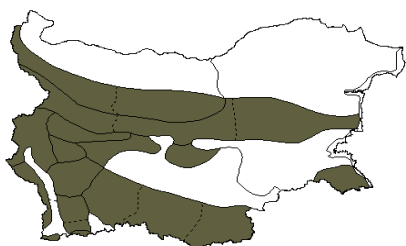
400

subMed

Digitaria ciliaris
(Retz.) Koeler.



Digitalis grandiflora
Mill.



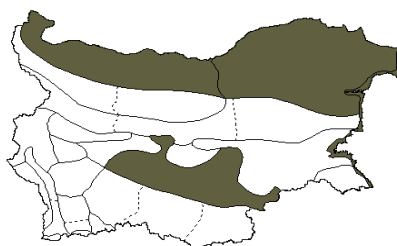
1800



500

Eur-Sib

Digitaria ischaemum
(Schreb.) Muhl.



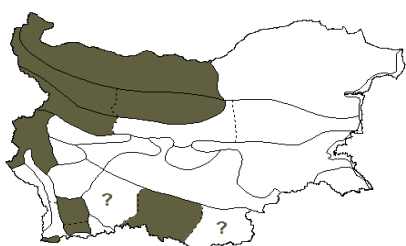
300



0

Eur-As

Digitalis laevigata
Waldst. & Kit.



1500

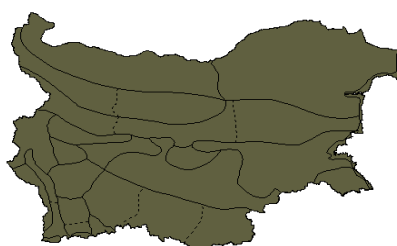


400



Bal-Ap

Digitaria sanguinalis
(L.) Scop.



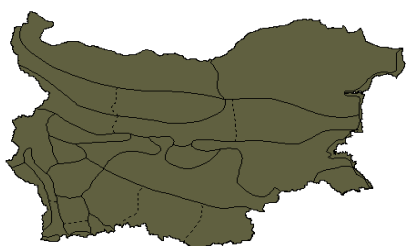
1000



0

Kos

Digitalis lanata
Ehrh.



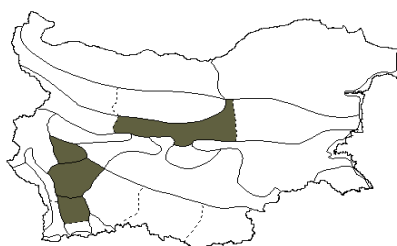
1500



0

subMed

Diphasiastrum alpinum
(L.) Holub



2100

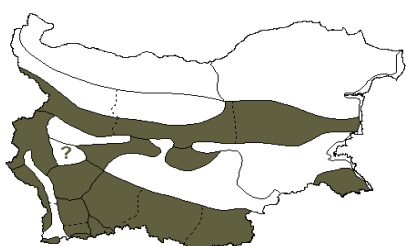


1700



Boreal

Digitalis viridiflora
Lindl.



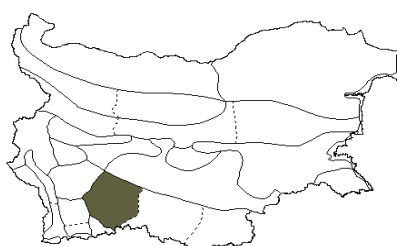
2000



500

Bal

Diphasiastrum complanatum
(L.) Holub



1400



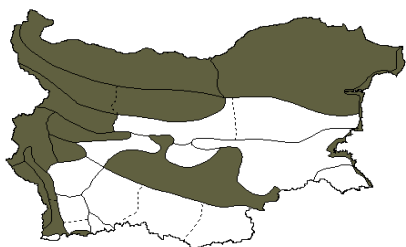
1400



Boreal

Diploaxis muralis

(L.) DC.



900



0

Eur-Med

Dipsacus laciniatus

L.



1000

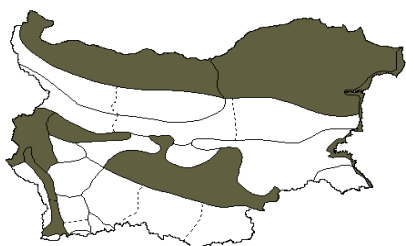


0

Eur-Med

Diploaxis tenuifolia

(L.) DC.



800

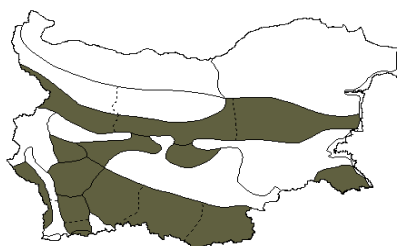


0

Eur-Med

Dipsacus pilosus

L.



2000

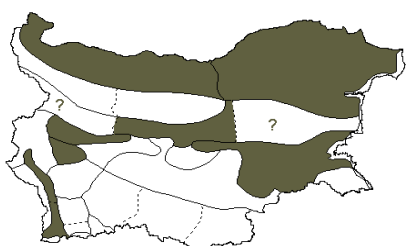


0

Pont-sMed

Diploaxis viminea

(L.) DC.



700

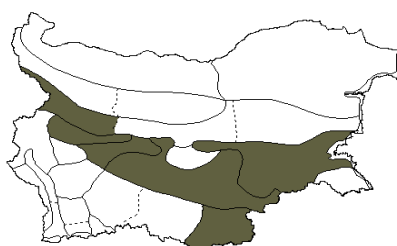


0

Eur-Med

Dittrichia graveolens

(L.) Greuter



500

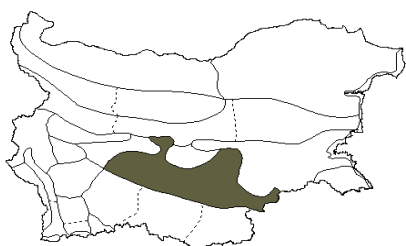


0

Med

Dipsacus ferox

Loisel.



1000

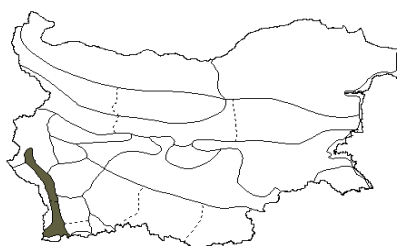


0

Med

Dittrichia viscosa

(L.) Greuter



200



0



subMed

Dipsacus fullonum

L.



1000

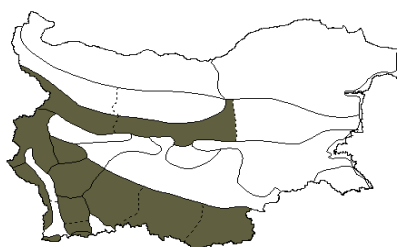


0

Eur-OT

Doronicum austriacum

Jacq.



2000

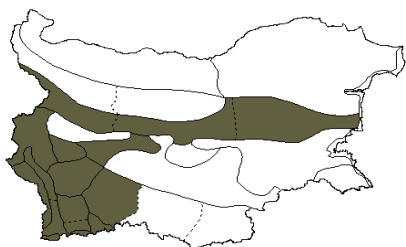


1000

Eur-Med

Doronicum columnae

Ten.



2500

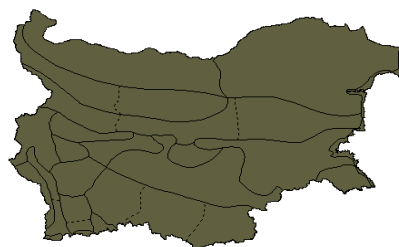


0

Pont-Med

Dorycnium herbaceum

Vill.



1700

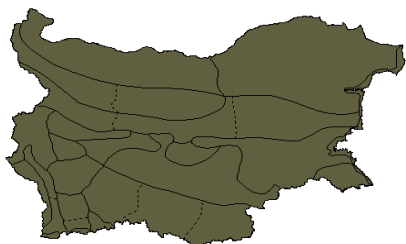


0

Eur-Med

Doronicum hungaricum

Rchb.



2000

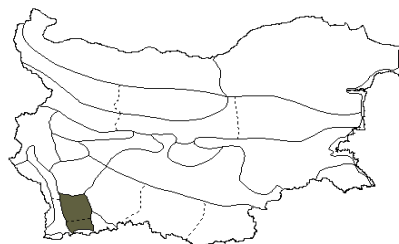


100

Pann-Bal

Draba compacta

Schott



2000

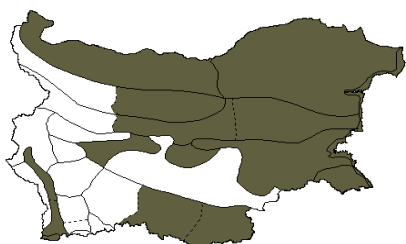


1000

Carp-Bal

Doronicum orientale

Hoffm.



1000

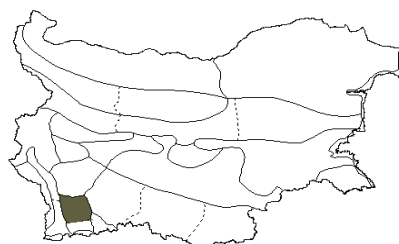


0

Bal-Dac

Draba korabensis

Kumm. & Degen ex Jav.



2200



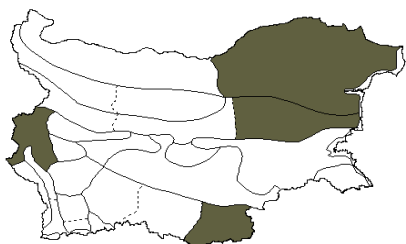
2200



Bal

Dorycnium germanicum

(Gremli) Rikli



1200

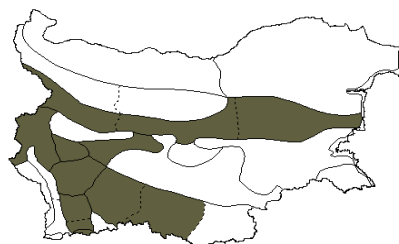


300

Eur

Draba lasiocarpa

Rochel



1500

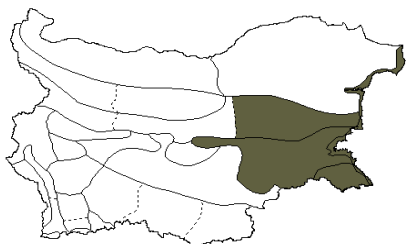


0

Eur-Med

Dorycnium graecum

(L.) Ser.



500

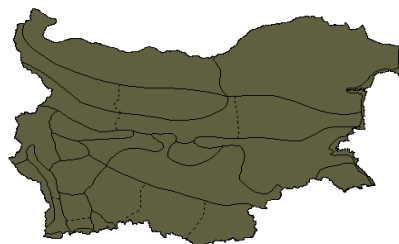


0

Pont

Draba muralis

L.



1500

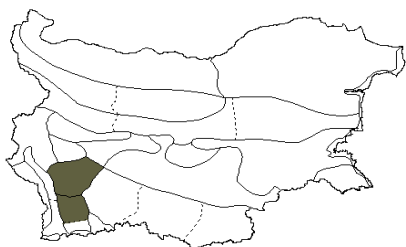


0

Eur-Med

Draba siliquosa

M. Bieb.



2600

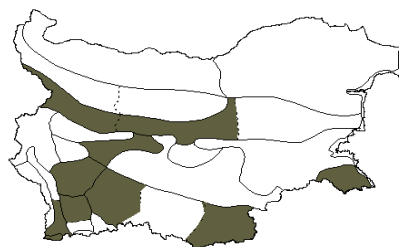


1800

Alp-Carp

Dryopteris affinis

(Lowe) Fraser-Jenk.



1950

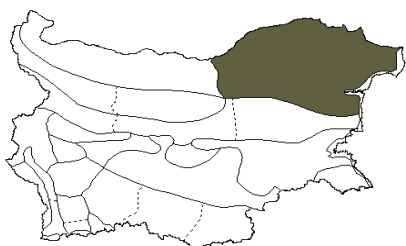


200

Eur

Dracocephalum triflorum

L.



300

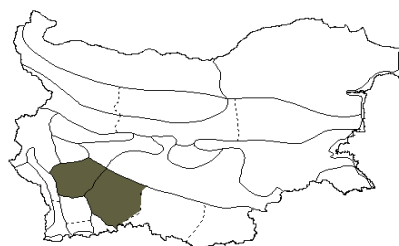


0

subMed

Dryopteris ambroseae

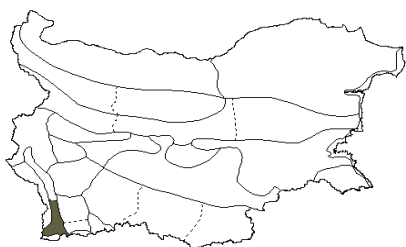
Fraser-Jenk. & Jermi



Hybr

Dracunculus vulgaris

Schott



200



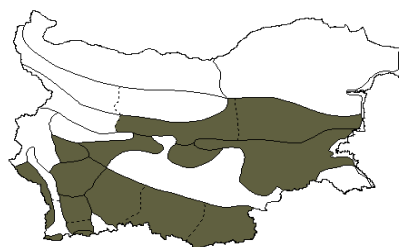
200



Med

Dryopteris carthusiana

(Vill.) H. P. Fuchs



2700

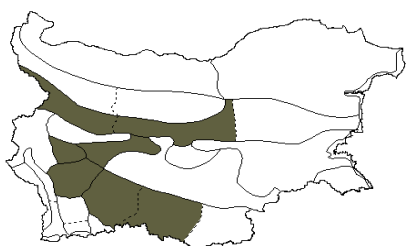


1000

Boreal

Drosera rotundifolia

L.



2000



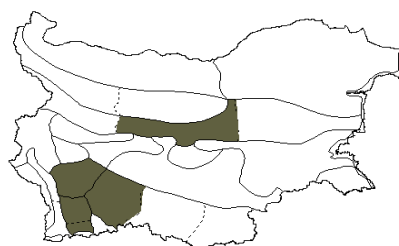
1500



Boreal

Dryopteris dilatata

(Hoffm.) A. Gray



2300

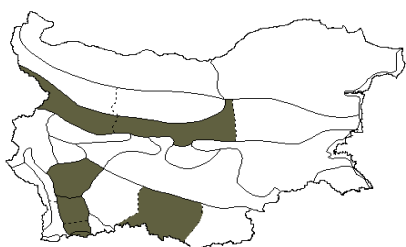


1500

Boreal

Dryas octopetala

L.



2900

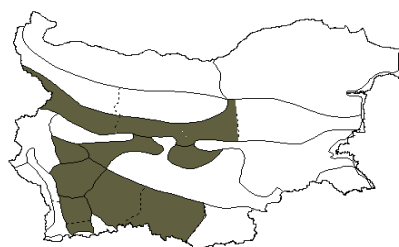


2000

Boreal

Dryopteris expansa

(C. Presl) Fraser-Jenk. & Jermy



2000

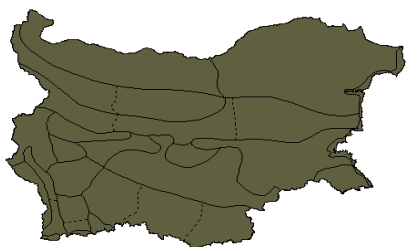


1500

Boreal

Dryopteris filix-mas

(L.) Schott



1800

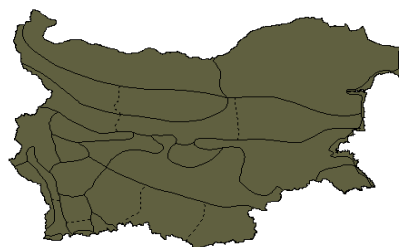


0

Boreal

Echinochloa crus-galli

(L.) P. Beauv.



500

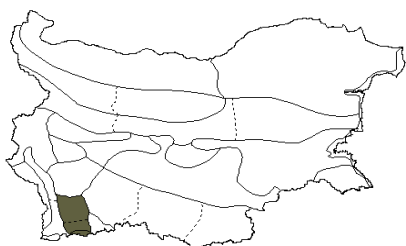


0

Kos

Dryopteris pallida

(Bory) Maire & Petitm.



2900



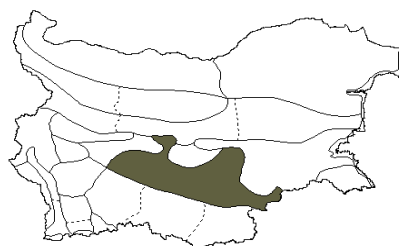
2400



subBoreal

Echinochloa oryzoides

(Ard.) Fritsch



50

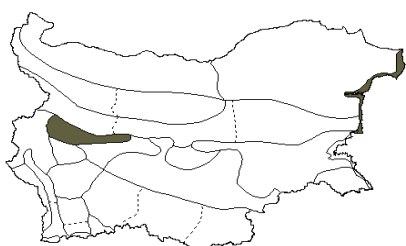


0

As

Duchesnea indica

(Andrews) Focke



300

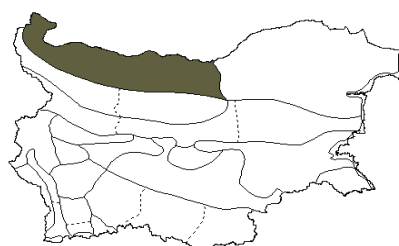


0

Adv (SAs)

Echinocystis lobata

(Michx.) Torr. & Gray



200

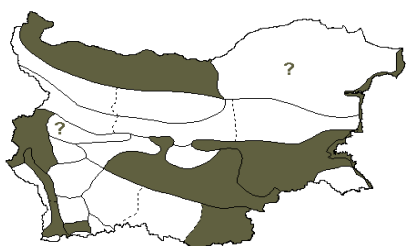


0

Adv (NAm)

Ecballium elaterium

(L.) A. Rich.



400

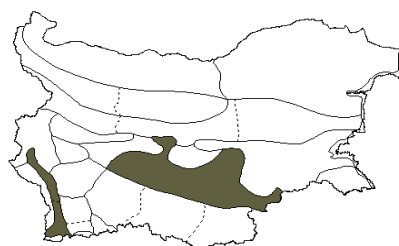


0

Med

Echinophora sibthorpiana

Guss.



300

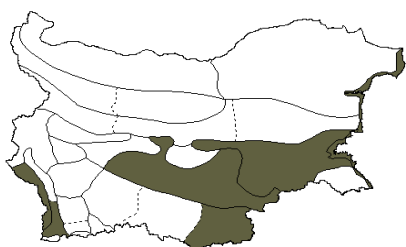


0

Pont-Med

Echinaria capitata

(L.) Desf.



500

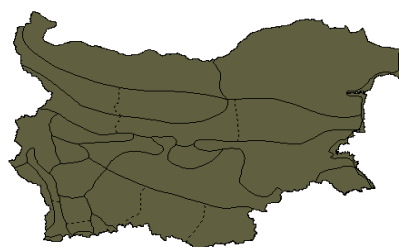


0

Med

Echinops banaticus

Rochel ex Schrad.

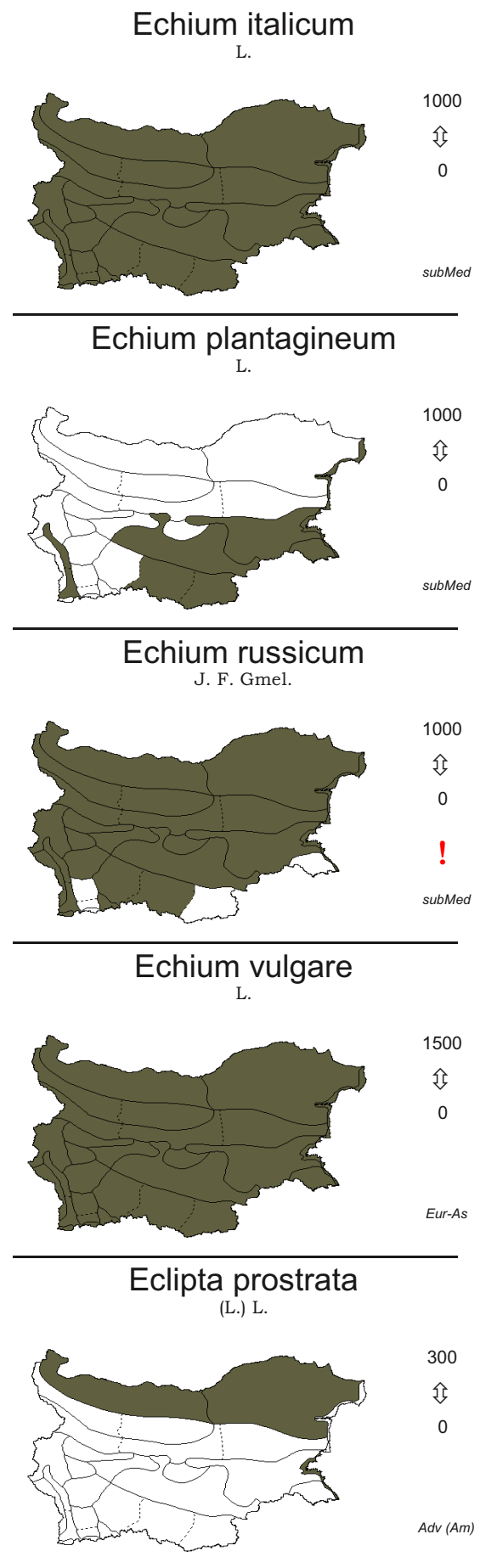
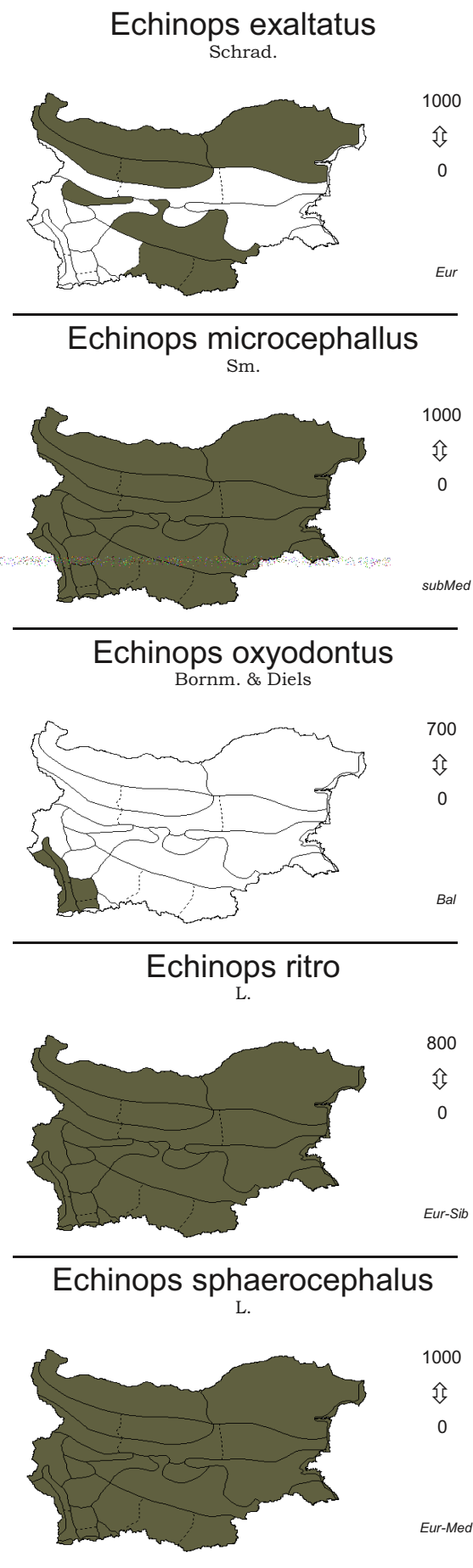


1500



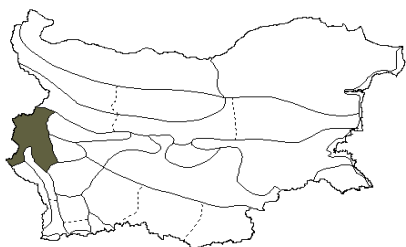
300

subMed



Edraianthus graminifolius

(L.) DC.



500

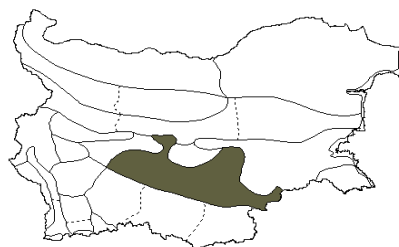


0

Bal-As

Elatine ambigua

Wigth



500

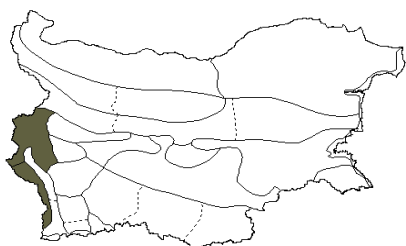


0

Pont-As

Edraianthus serbicus

(A. Kern.) Petrovič



1300



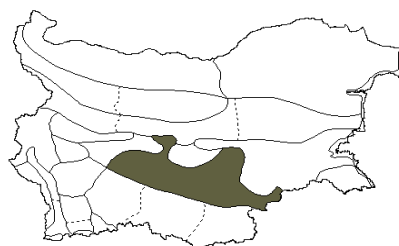
0



Bal

Elatine triandra

Schkuhr



500



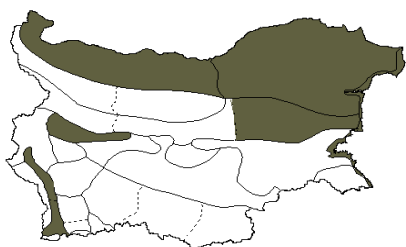
100



Boreal

Elaeagnus angustifolia

L.



500

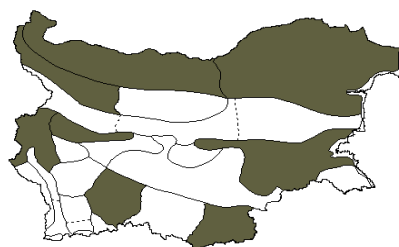


0

Adv

Eleocharis acicularis

(L.) Roem. & Schult.



600

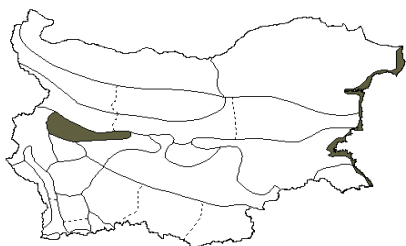


50

Boreal

Elaeagnus multiflora

L.



800

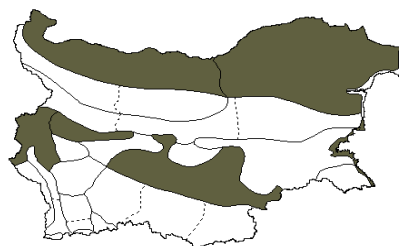


0

Adv (EAs)

Eleocharis carniolica

W. Koch



550



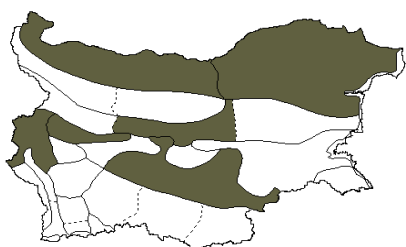
0



Eur

Elatine alsinastrum

L.



500



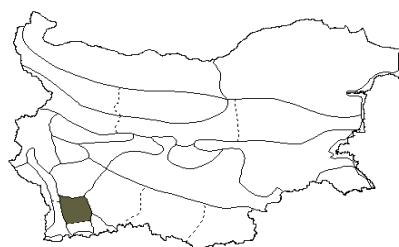
0



Eur-As

Eleocharis mamillata

Lindb. f.



2400



2100

Boreal

Eleocharis palustris

(L.) R. Br.



2200

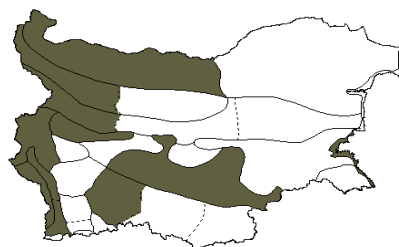


50

Kos

Elodea canadensis

Michx.



1000

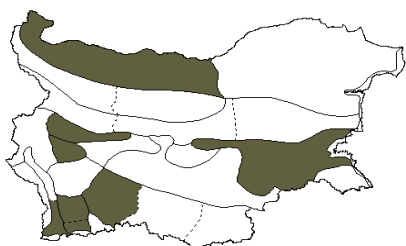


0

Adv (NAm)

Eleocharis quinqueflora

(Hartm.) O. Schwartz



1000



50

Arct

Elodea nuttallii

(Planch.) H. St. John.



200



0

Adv (NAm)

Eleocharis uniglumis

(Link) Schult.



500

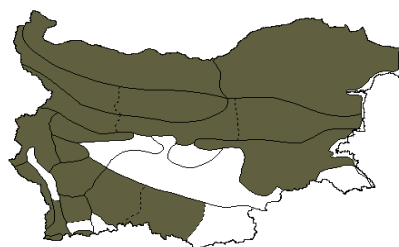


50

Kos

Elymus caninus

(L.) L.



1700

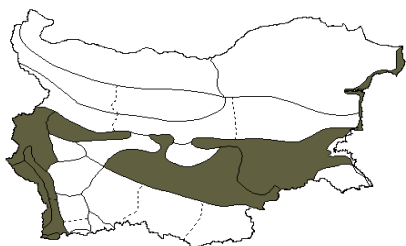


0

Boreal

Eleusine indica

(L.) Gaertn.



500

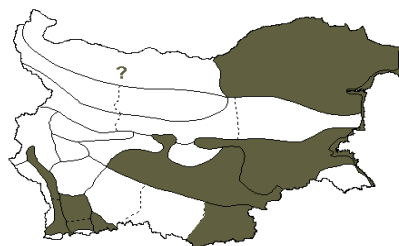


0

Adv

Elymus elongatus

(Host) Runemark



900

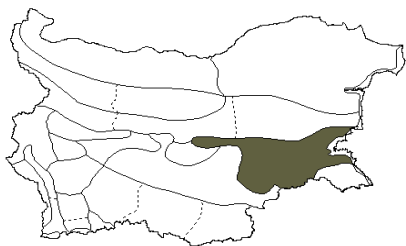


0

Pont-sMed

Eleusine tristachya

(Lam.) Lam.



500

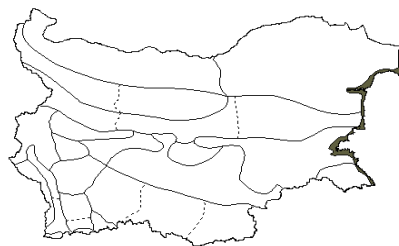


0

Adv

Elymus farctus

(Viv.) Runemark ex Melderis



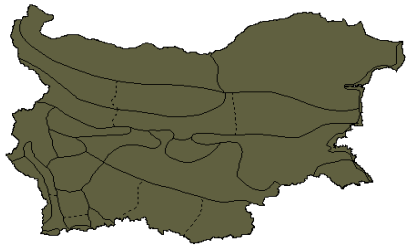
0



0

subMed

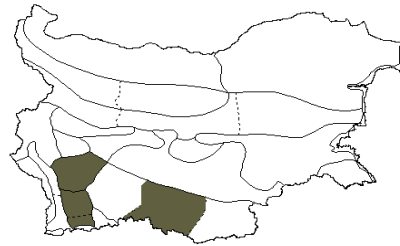
Elymus hispidus
(Opiz) Melderis



1400
⇕
0

Pont-CAs

Empetrum hermaphroditum
Hagerup

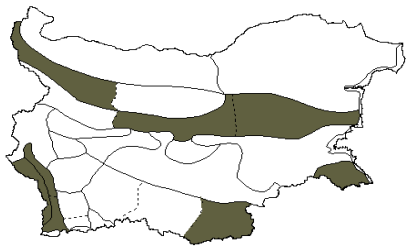


2700
⇕
2200



Boreal

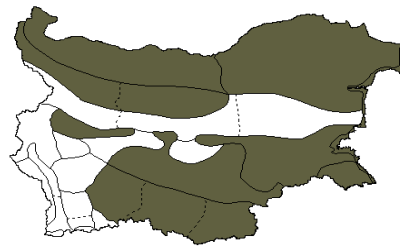
Elymus panormitanus
(Parl.) Tzvelev



1200
⇕
0

Pont-Med

Ephedra distachya
L.

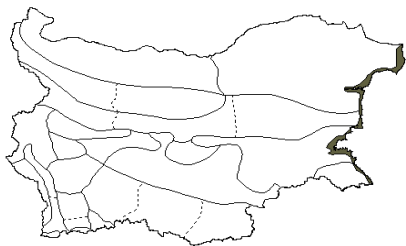


600
⇕
0



Pont-Med

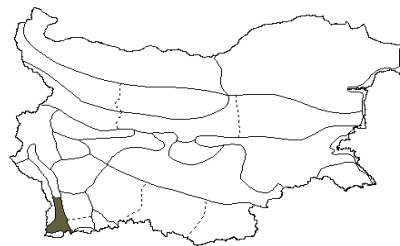
Elymus pycnanthus
(Godr.) Melderis



50
⇕
0

Med

Ephedra fragilis
Desf.

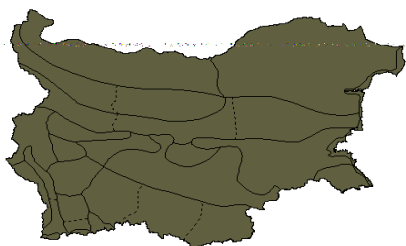


300
⇕
0



Med

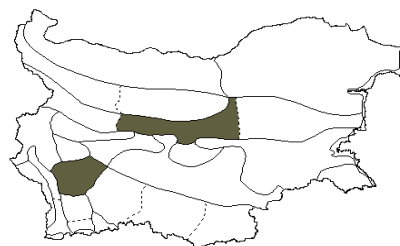
Elymus repens
(L.) Gould.



1600
⇕
0

Boreal

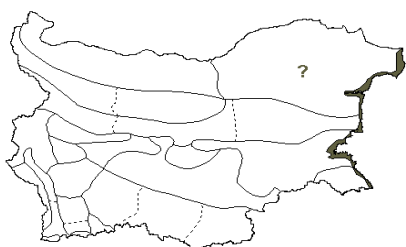
Epilobium alpestre
(Jacq.) Krock.



1800
⇕
0

Alp-Med

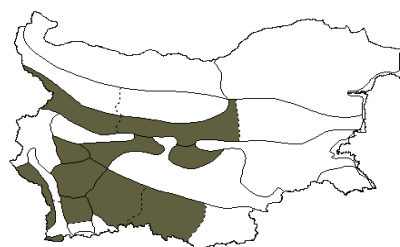
Elymus varnensis
(Velen.) Kožuharov



300
⇕
0

Pont

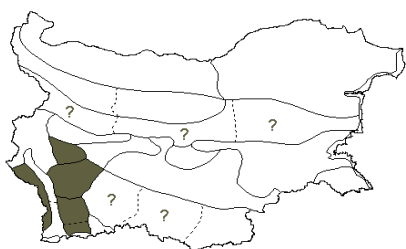
Epilobium alsinifolium
Vill.



1400
⇕
800

Eur

Epilobium anagallidifolium
Lam.



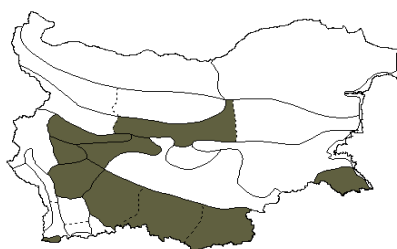
2500



0

Boreal

Epilobium lanceolatum
Sebast. & Mauri



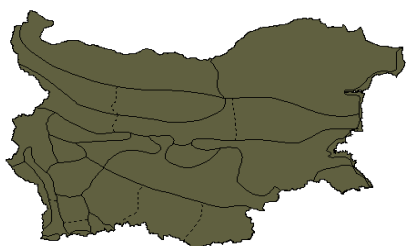
1200



500

subMed

Epilobium angustifolium
L.



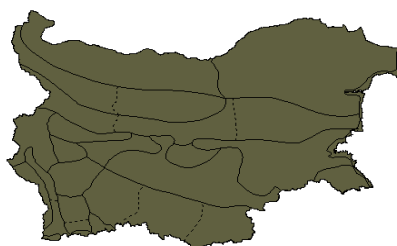
1800



100

subBoreal

Epilobium montanum
L.



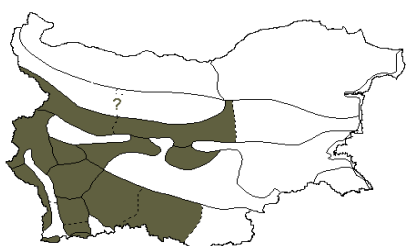
1500



0

Eur-OT

Epilobium collinum
C. C. Gmel.



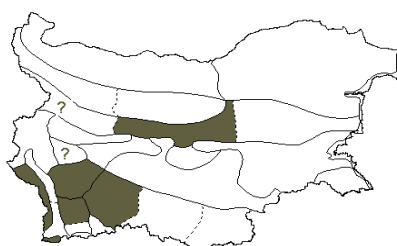
2700



0

Eur-Med

Epilobium nutans
F. W. Schmidt



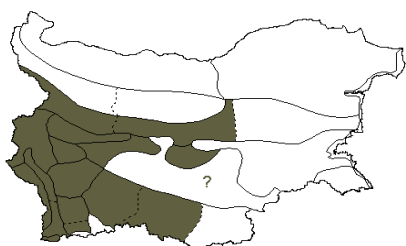
2500



0

Eur

Epilobium dodonaei
Vill.



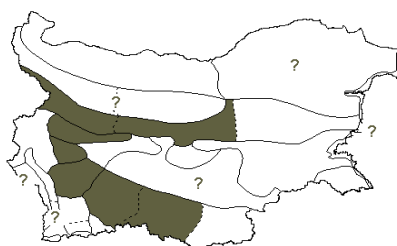
2000



500

Pont-Med

Epilobium obscurum
Schreb.



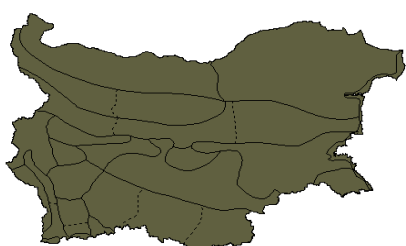
1500



500

Eur-Med

Epilobium hirsutum
L.



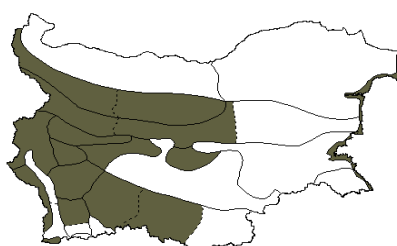
1400



0

Boreal

Epilobium palustre
L.



2100



500

subBoreal

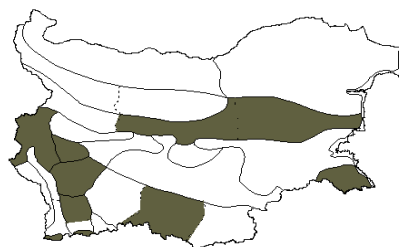
Epilobium parviflorum
Schreb.



1200
⇕
0

subBoreal

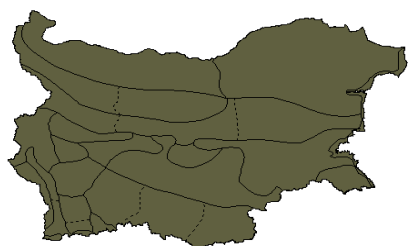
Epipactis exilis
Delforge



1800
⇕
800

EMed

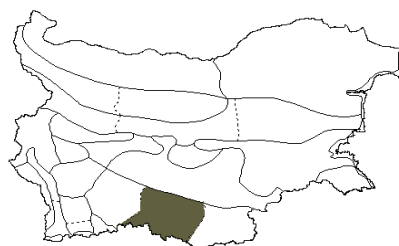
Epilobium roseum
Schreb.



1500
⇕
500

Eur-Med

Epipactis greuteri
H. Baumann & Künkele

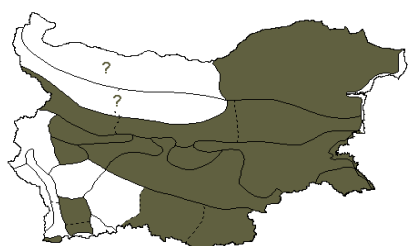


1200
⇕
900



EMed

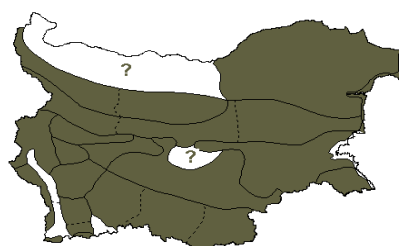
Epilobium tetragonum
L.



1400
⇕
0

subBoreal

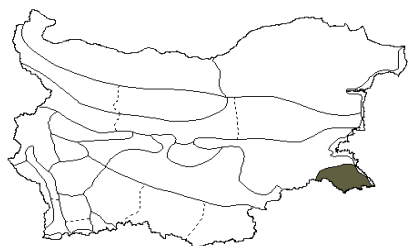
Epipactis helleborine
(L.) Crantz



1500
⇕
0

subBoreal

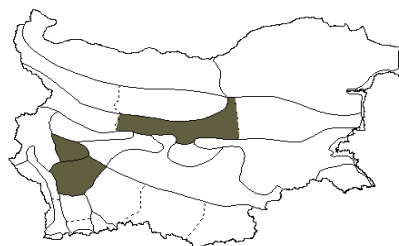
Epimedium pubigerum
(DC.) Morren & Decne



300
⇕
0

Bal-Anat

Epipactis leptochila
(Godfery) Godfery

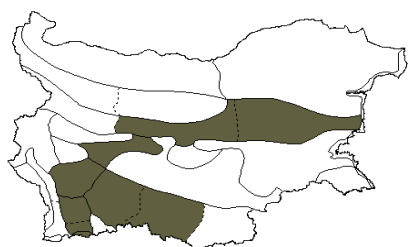


1500
⇕
700



Eur

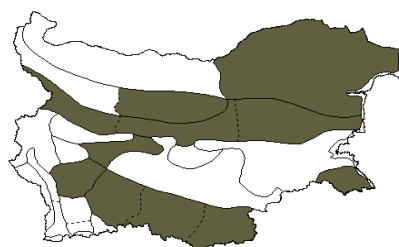
Epipactis atrorubens
(Hoffm.) Besser



1000
⇕
0

Eur-As

Epipactis microphylla
(Ehrh.) Sw.



2000
⇕
0

subMed

Epipactis palustris

(L.) Crantz



1000



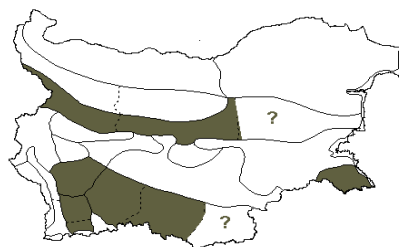
0



subMed

Epipogium aphyllum

Sw.



1700



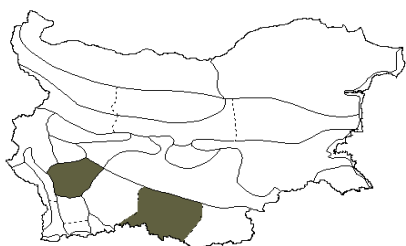
0



Eur-As

Epipactis persica

(Sóo) Nannf.



1500

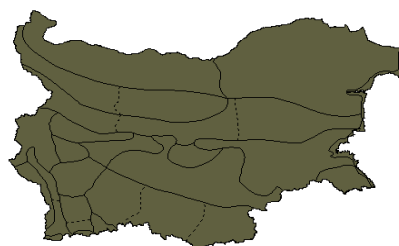


0

EEur-Anat

Equisetum arvense

L.



1600

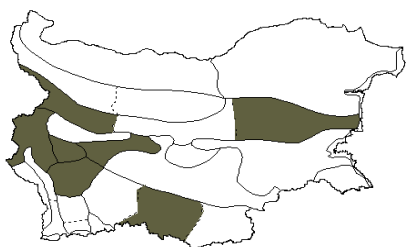


0

Boreal

Epipactis pontica

Taubenheim



1400

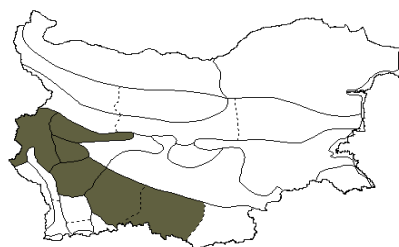


800

SEur-Anat

Equisetum fluviatile

L.



1800

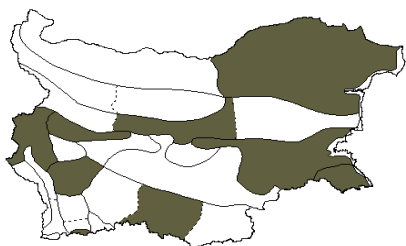


600

Boreal

Epipactis purpurata

Sm.



800



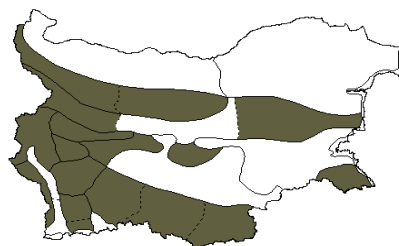
0



subBoreal

Equisetum hyemale

L.



1900



100

Boreal

Epipactis spiridonovii

J. Devillers-Tershuren & P. Devillers



2200

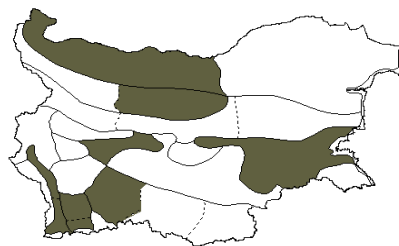


500

Bal

Equisetum moorei

Newman



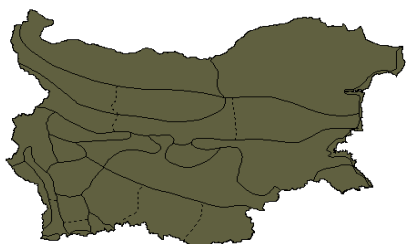
1200



200

Hybr

Equisetum palustre
L.



1500
⇕
0

Boreal

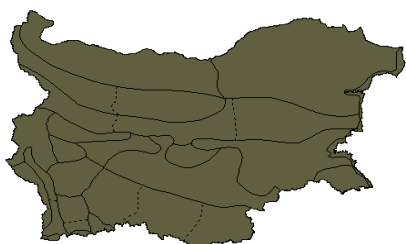
Eragrostis minor
Host



1000
⇕
0

subBoreal

Equisetum ramosissimum
Desf.



1000
⇕
0

Boreal

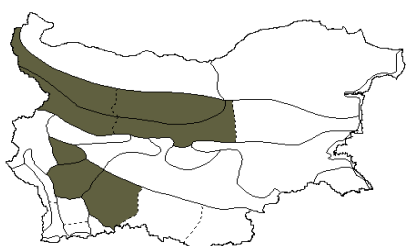
Eragrostis pilosa
(L.) P. Beauv.



1000
⇕
0

Kos

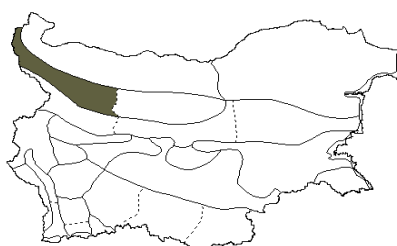
Equisetum sylvaticum
L.



2000
⇕
1000

Boreal

Eranthis bulgaricus
(Stef.) Stef.

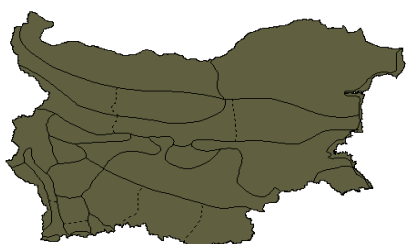


400
⇕
400

!

Bul

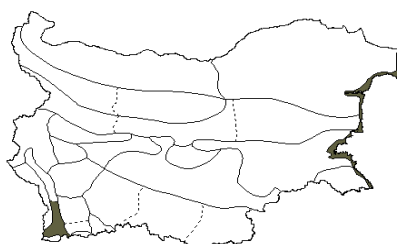
Equisetum telmateia
Ehrh.



1100
⇕
0

Boreal

Erianthus ravennae
(L.) P. Beauv.

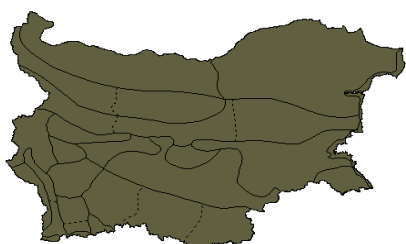


100
⇕
0

!

Med-CAs

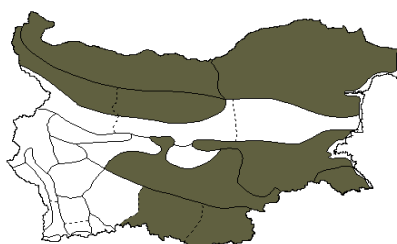
Eragrostis cilianensis
(All.) Vignolo



1000
⇕
0

Eur-As

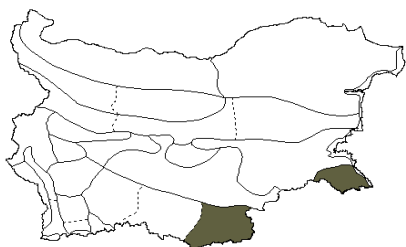
Erianthus strictus
(Host) Bluff



500
⇕
0

Med

Erica arborea
L.



500



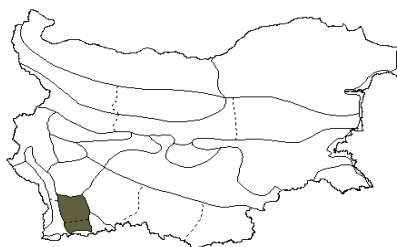
100



Pont-Med

Erigeron glabratus

Hoppe & Hornsch. ex Bluff et Fingerh.



2900



1800

Alp-Med

Erigeron acer

L.



2000

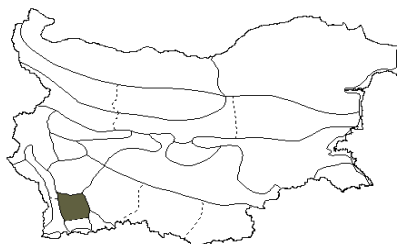


0

Boreal

Erigeron uniflorus

L.



2900



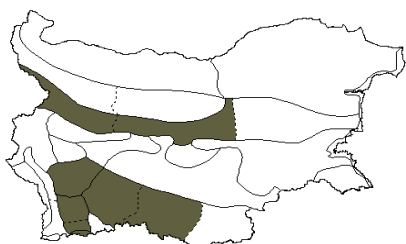
2000



Eur-OT

Erigeron alpinus

L.



2500

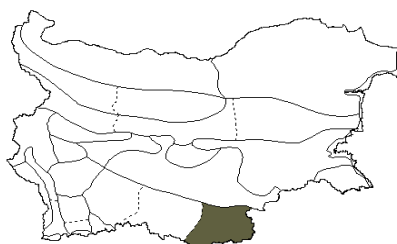


1800

Boreal

Eriolobus trilobata

M. Roem.



150



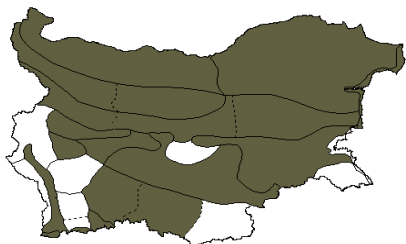
150



Med

Erigeron annuus

(L.) Pers.



500

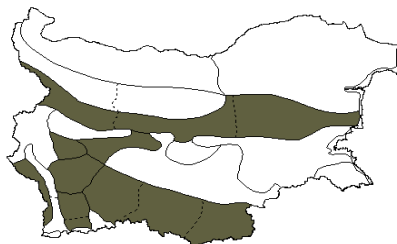


0

Boreal

Eriophorum angustifolium

Roth



2700

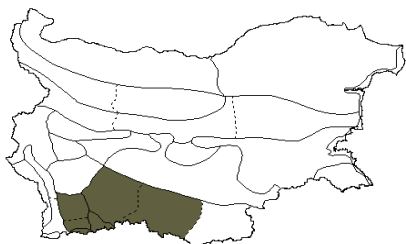


2000

Boreal

Erigeron atticus

Vill.



2600

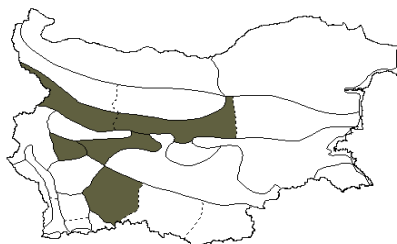


1100

Alp-Med

Eriophorum gracile

Koch ex Roth



2700

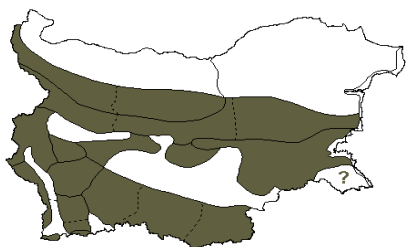


2000

Boreal

Eriophorum latifolium

Horpe



2700

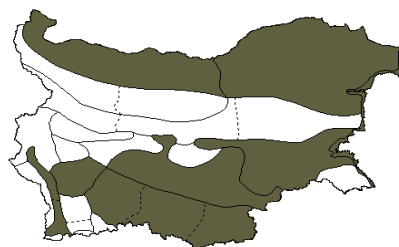


900

Boreal

Erodium hoefftianum

C. A. Mey.



800

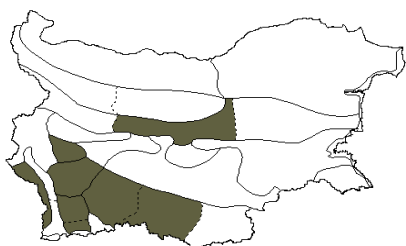


0

Pont-CAs

Eriophorum vaginatum

L.



2700

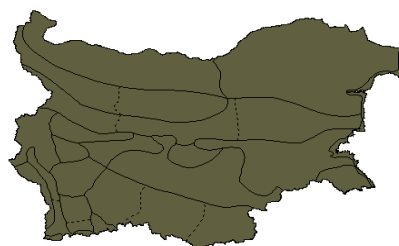


2000

Eur-As

Erophila verna

(L.) Chevall.



1500

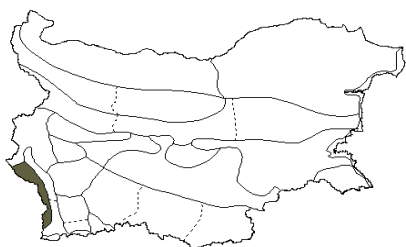


0

Eur-Med-CAs

Erodium absinthoides

Willd.



1200



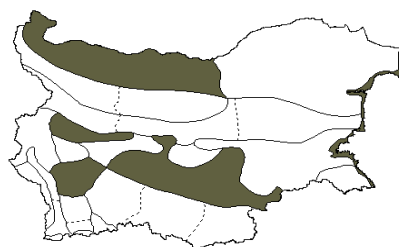
1200



Bal-Anat

Eruca vesicaria

(L.) Cav.



1000

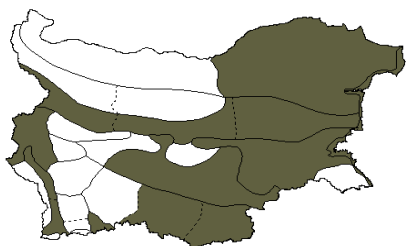


0

Med

Erodium ciconium

(L.) L'Hér.



1000

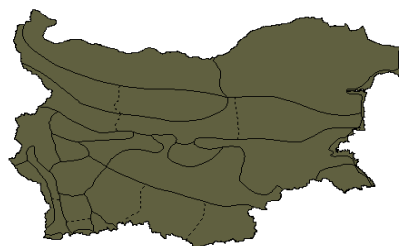


0

subMed

Eryngium campestre

L.



900

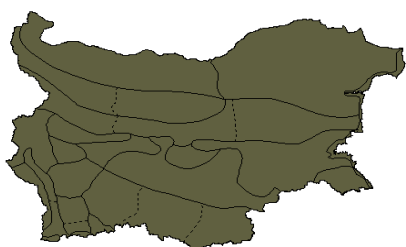


0

Pont-Med

Erodium cicutarium

(L.) L'Hér.



1500

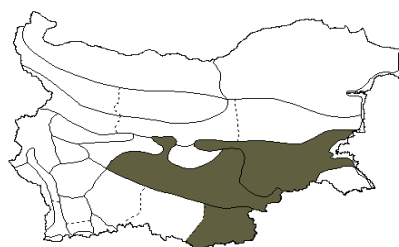


0

subBoreal

Eryngium creticum

Lam.



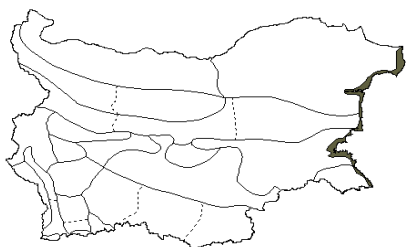
200



0

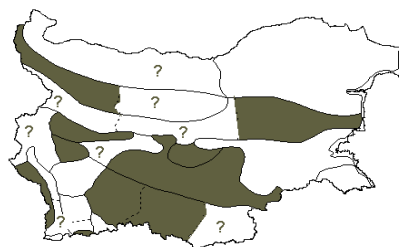
Med

Eryngium maritimum
L.



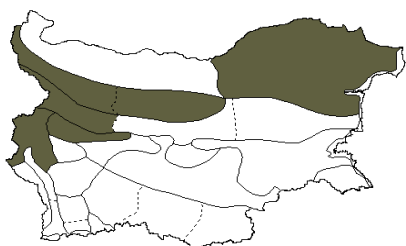
0
⇕
0
!
Eur-Med

Erysimum crassistylum
C. Presl



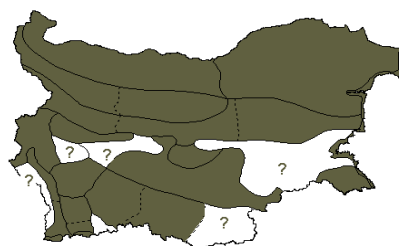
900
⇕
100
Ap-Bal

Eryngium palmatum
Pančić & Vis.



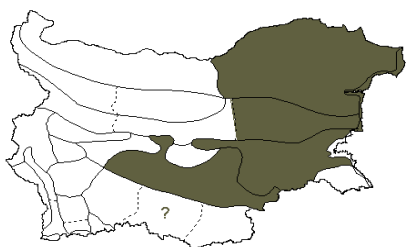
1100
⇕
500
!
Bal

Erysimum cuspidatum
(M. Bieb.) DC.



1800
⇕
0
Eur-OT

Erysimum bulgaricum
(Velen.) Ančev & Polatschek



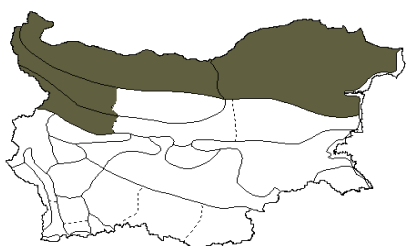
700
⇕
100
Bal

Erysimum diffusum
Ehrh.



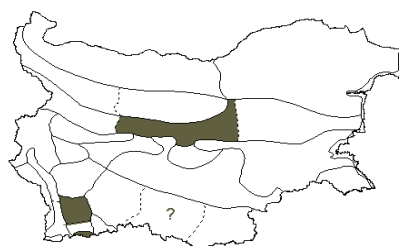
1200
⇕
0
CSEur

Erysimum cheiranthoides
L.



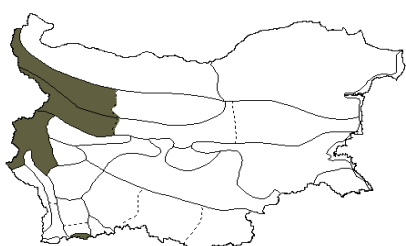
450
⇕
100
Eur-As

Erysimum drenowskyi
Degen



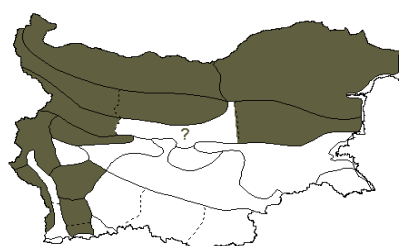
2000
⇕
0
Bal

Erysimum comatum
Pančić



1750
⇕
450
!
subBal

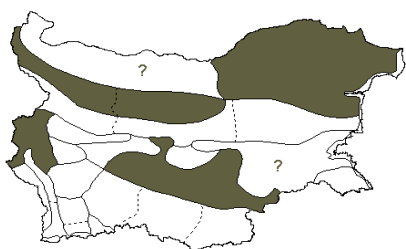
Erysimum moesiacum
Velen.



1000
⇕
0
subBoreal

Erysimum odoratum

Ehrh.



1000

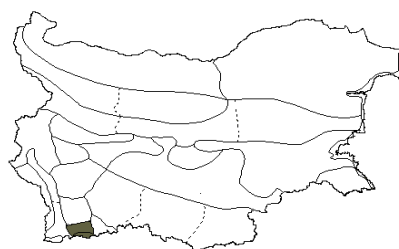


300

Pont-Med

Erysimum slavjankae

Ančev & Polatschek



2200



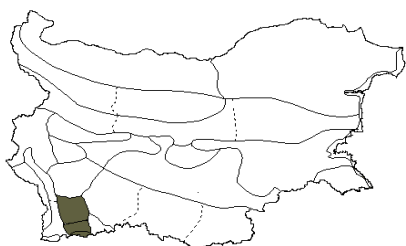
1800



Bul

Erysimum pirinicum

Ančev & Polatschek



2000

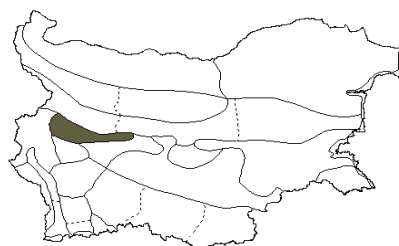


1300

Bal

Erysimum sylvestre

(Crantz) Scop.



1000

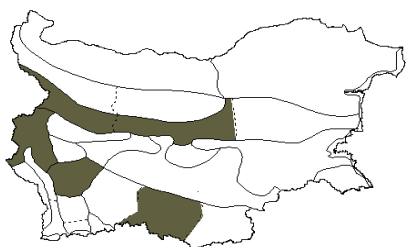


0

Alp

Erysimum pseudoatticum

Ančev & Polatschek



2600

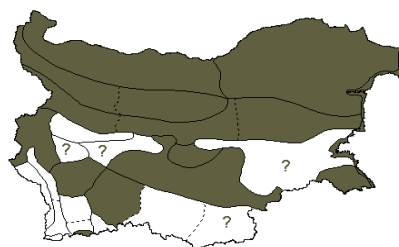


700

Bul

Erysimum welchevii

Urum.



1300

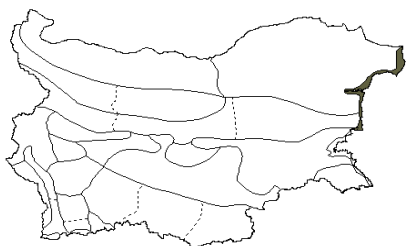


0

Bal

Erysimum quadrangulum

(L'Hér.) Desf.



250



50



Pont-Sib

Erythronium dens-canis

L.



1200

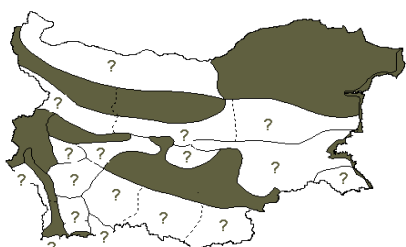


500

Med

Erysimum repandum

L.



900

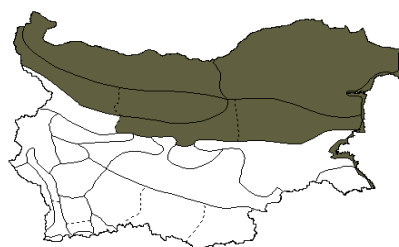


0

Eur-As

Euclidium syriacum

(L.) R. Br.



800



0

Eur-As

Eupatorium cannabinum

L.



1000

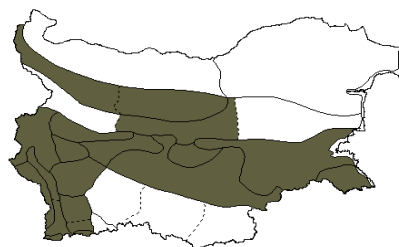


0

Eur-As

Euphorbia barrelieri

Savi



2400

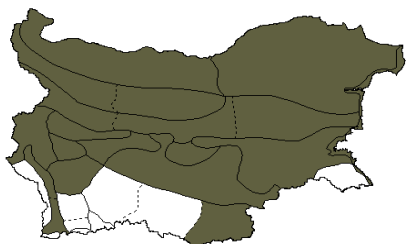


100

Med

Euphorbia agraria

M. Bieb.



1000

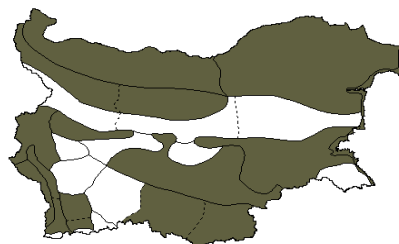


0

subMed

Euphorbia chamaesyce

L.



1000

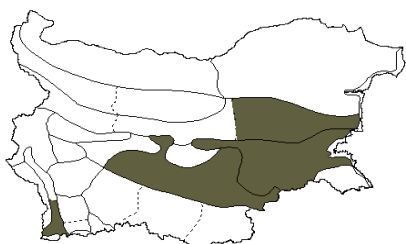


0

Eur-As

Euphorbia aleppica

L.



300



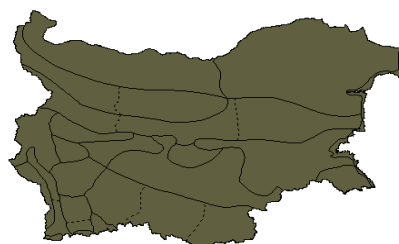
0



Med

Euphorbia cyparissias

L.



2200



0

Eur

Euphorbia amygdaloides

L.



2400

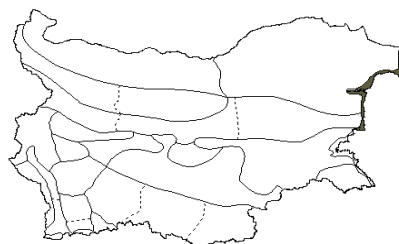


0

Eur

Euphorbia davidii

Subils



100

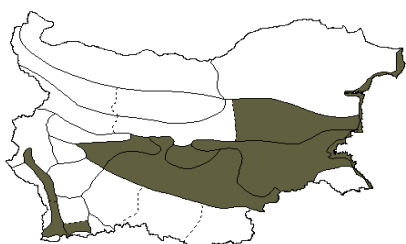


0

Adv (Am)

Euphorbia apios

L.



900

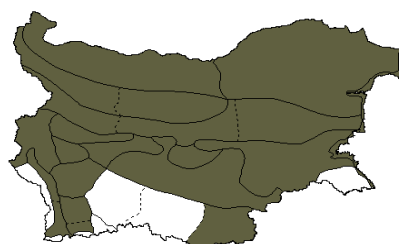


100

subMed

Euphorbia esula

L.



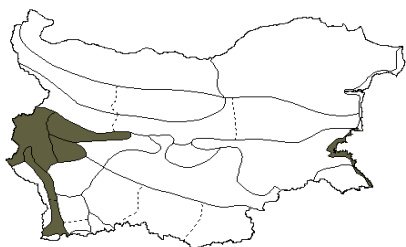
900



0

Eur-As

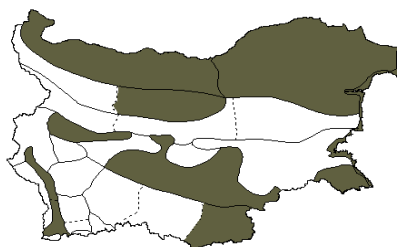
Euphorbia exigua
L.



800
⇕
0

Eur-Med

Euphorbia maculata
L.



500
⇕
0

Adv (NAm)

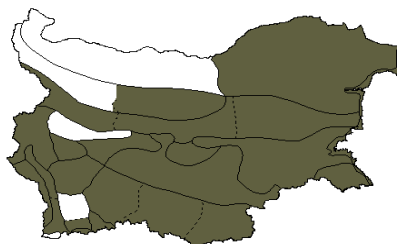
Euphorbia falcata
L.



1200
⇕
0

Med-As

Euphorbia myrsinites
L.



2000
⇕
0

subMed

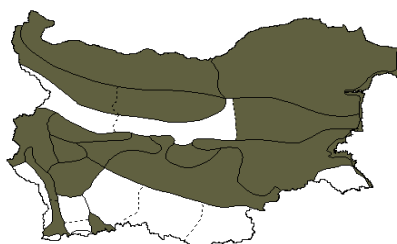
Euphorbia helioscopia
L.



1300
⇕
100

Eur-As

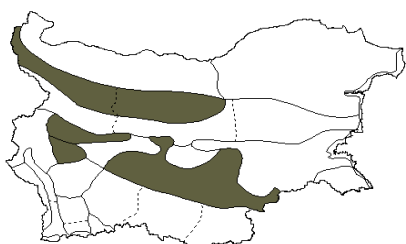
Euphorbia nicaeensis
All.



800
⇕
0

Eur-Med

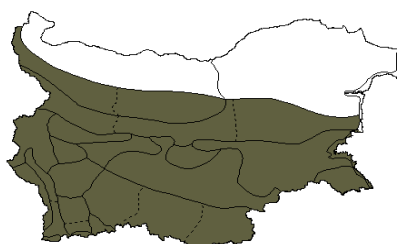
Euphorbia lathyris
L.



500
⇕
0

Adv (Jap-Ch)

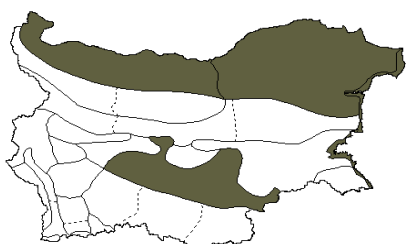
Euphorbia niciciana
Borbás



1000
⇕
0

Med

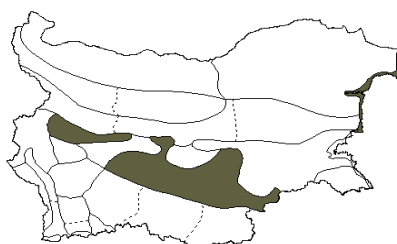
Euphorbia lucida
Waldst. & Kit.



150
⇕
0

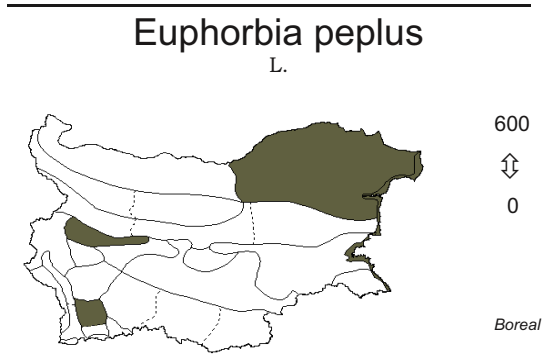
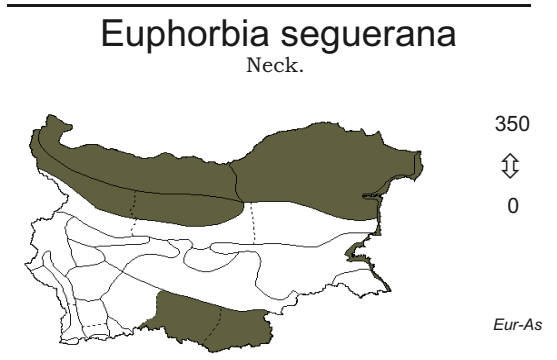
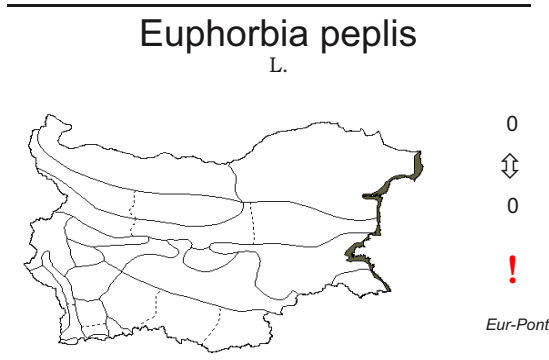
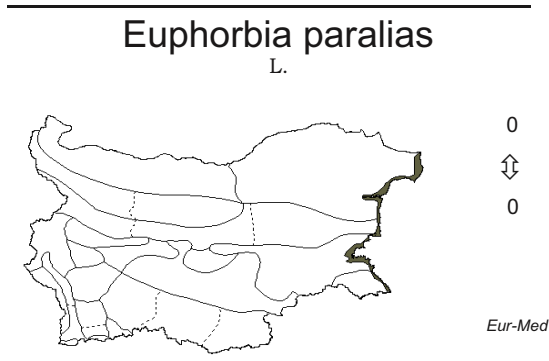
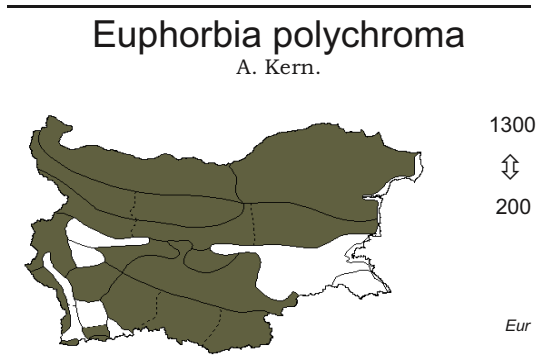
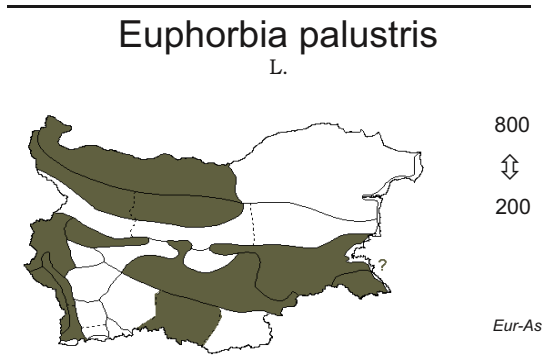
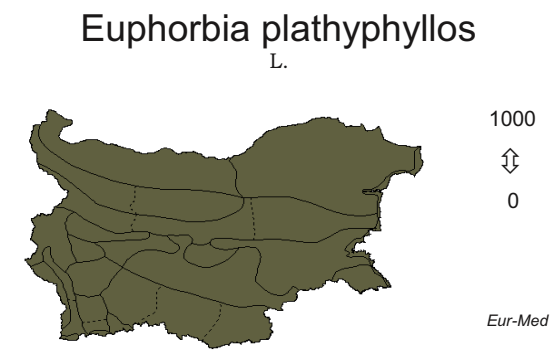
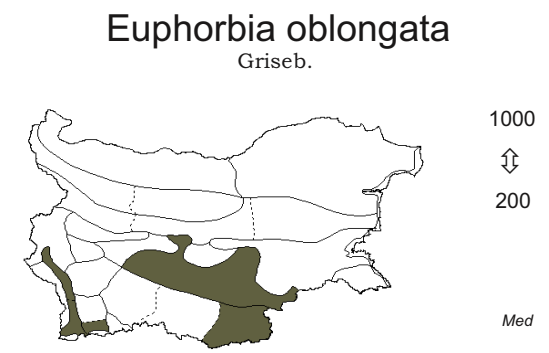
!
Eur-Sib

Euphorbia nutans
Lag.



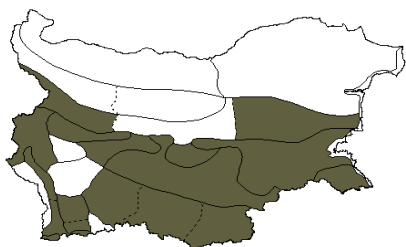
500
⇕
0

Adv (NAm)



Euphorbia taurinensis

All.



1200

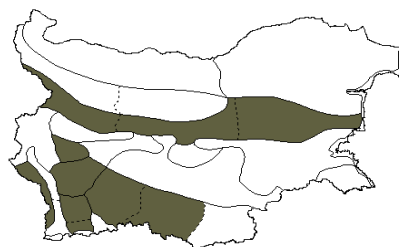


0

subMed

Euphrasia minima

Jacq. ex DC.



2900

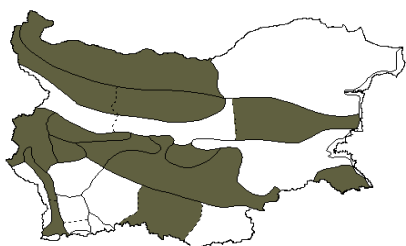


2000

Alp-Carp-Bal

Euphorbia villosa

Waldst. & Kit.



1000

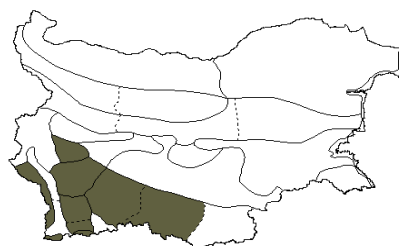


0

subMed

Euphrasia montana

Jord.



2000

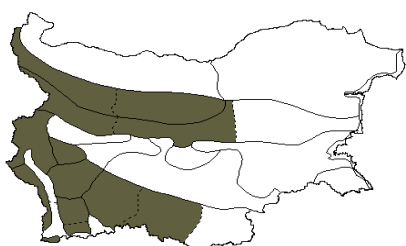


1000

Eur-As

Euphrasia hirtella

Jord. ex Reut.



2500

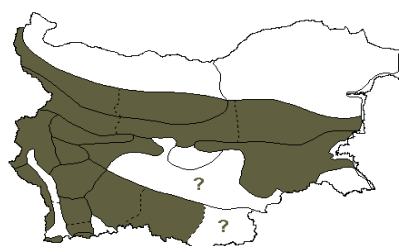


800

Eur-As

Euphrasia pectinata

Ten.



2000

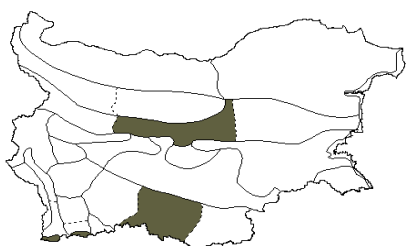


400

subMed

Euphrasia illyrica

Wettst.



2000

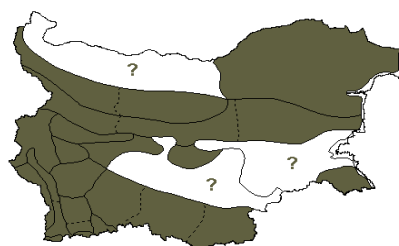


1000

subMed

Euphrasia picta

Wimm.



2000

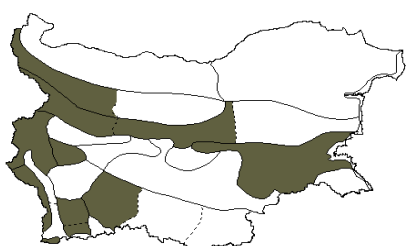


500

subMed

Euphrasia liburnica

Wettst.



2000

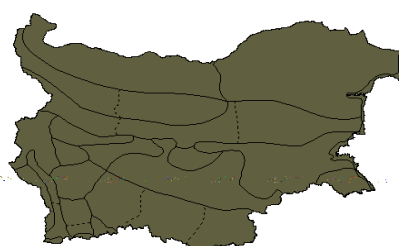


500

Carp-Bal

Euphrasia rostkoviana

Hayne



2000

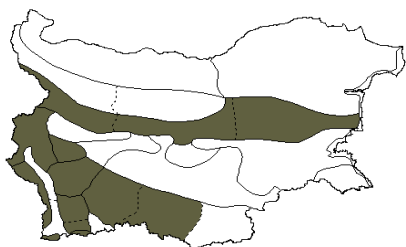


200

Eur-As

Euphrasia salisburgensis

Funck



2500

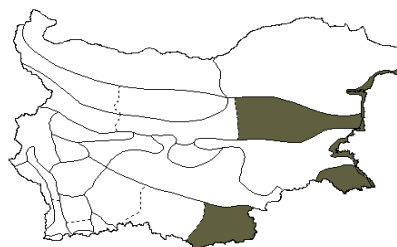


1000

subMed

Fagus orientalis

Lipsky



800

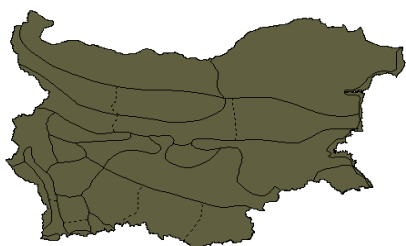


0

SEux

Euphrasia stricta

D. Wolff.



2000

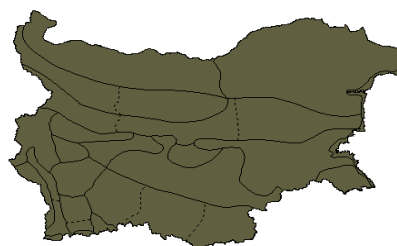


0

Eur-Med

Fagus sylvatica

L.



2000



100

Eur

Evonymus europaeus

L.



1800

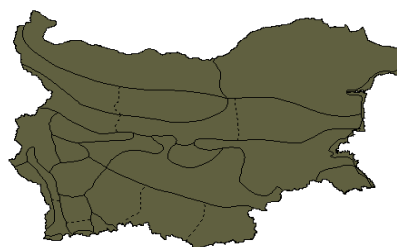


200

Eur-As

Falcaria vulgaris

Bernh.



800

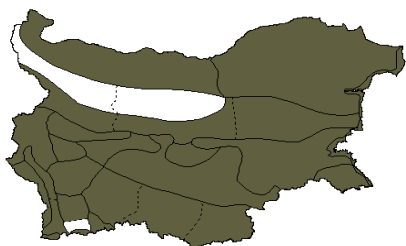


0

Eur-As

Evonymus latifolius

(L.) Mill.



1600

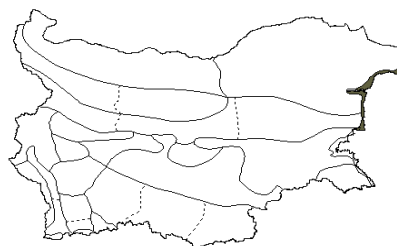


0

Eur-Med

Fallopia aubertii

(Louis Henry) J. Holub



1000



0

Adv (As)

Evonymus verrucosus

Scop.



1500

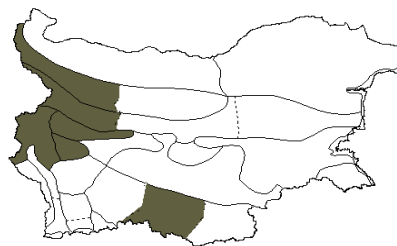


0

Eur-Med

Fallopia bohemica

(Chrték & Chrtkova) J. P. Baylei



1000



0

Adv (Hybr)

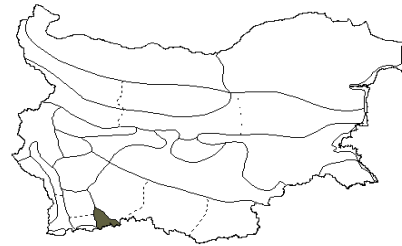
Fallopia japonica
(Houtt.) Dcne.



⇕

Adv

Festuca achtarovii
Velčev & Vassilev



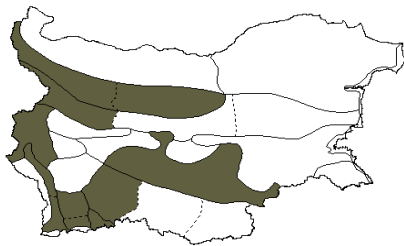
500

⇕

0

Bul

Ferula heuffelii
Griseb.



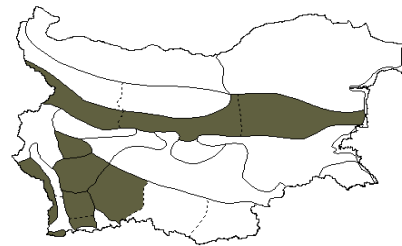
1000

⇕

0

Carp-Bal

Festuca airoides
Lam.



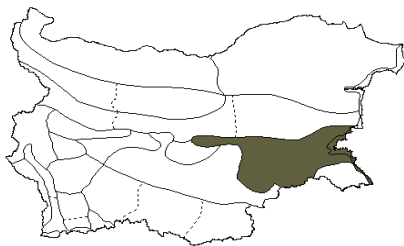
1800

⇕

1400

Boreal

Ferula orientalis
L.



500

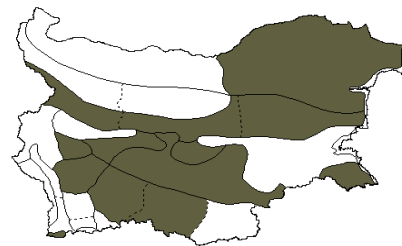
⇕

0

!

Pont

Festuca altissima
All.



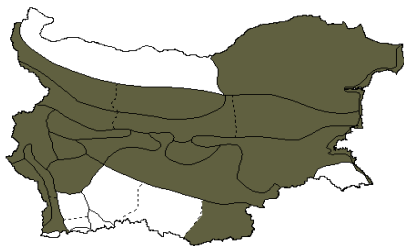
1700

⇕

0

subBoreal

Ferulago campestris
(Besser) Grecescu



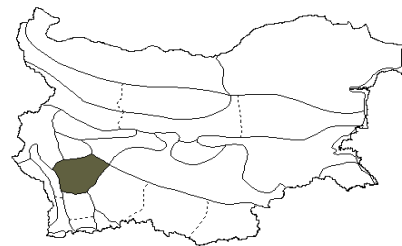
1200

⇕

0

Eur-Sib

Festuca amethystina
L.



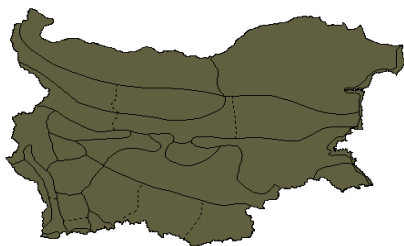
2900

⇕

2000

Pont-Med

Ferulago sylvatica
(Besser) Rchb.



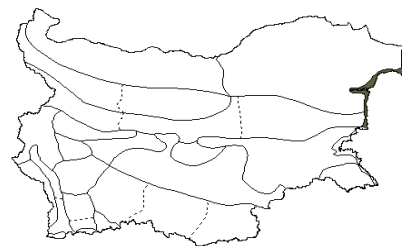
900

⇕

0

subMed

Festuca arenicola
(Prodán) Sáo



100

⇕

0

Pont

Festuca arundinacea

Schreb.



1000

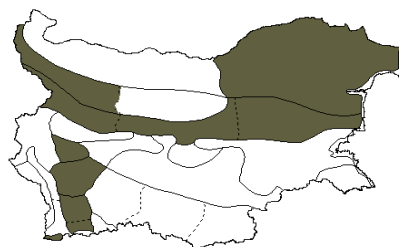


0

Pont-SAs

Festuca drymeja

Mert & Koch



1500

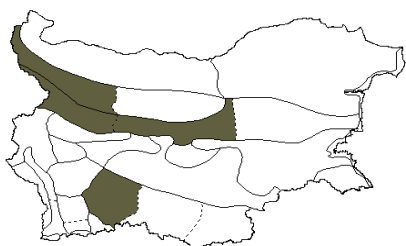


0

subMed

Festuca balcanica

(Acht.) Markgr.-Dann.



1600

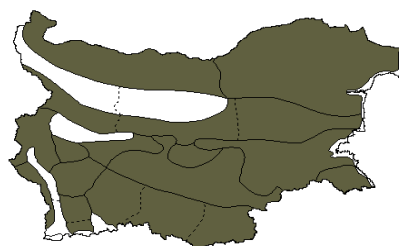


0

Bul

Festuca gigantea

(L.) Vill.



1700

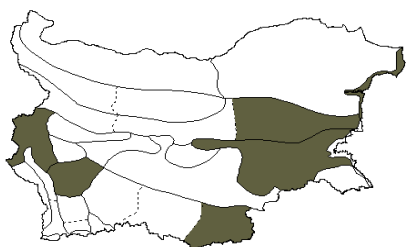


0

Boreal

Festuca callieri

(Hack. ex St-Yves) Markgr.-Dann.



1000

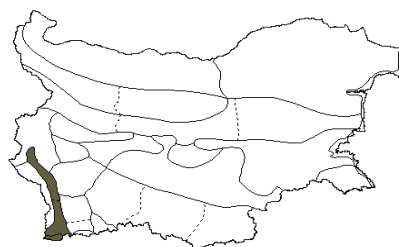


0

Pont-Med

Festuca hercegovinica

(Acht.) Markgr.-Dann.



1800

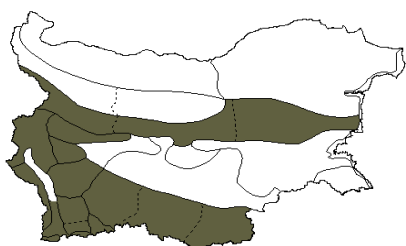


1500

Bal

Festuca dalmatica

(Hack.) K. Richt.



2000

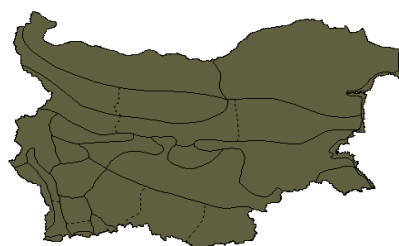


1000

subMed

Festuca heterophylla

Lam.



1400

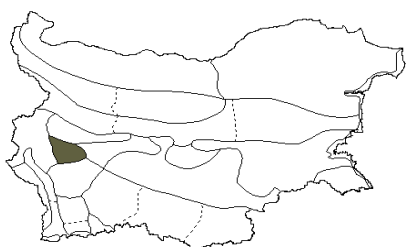


0

Boreal

Festuca diffusa

Dumort.



1300

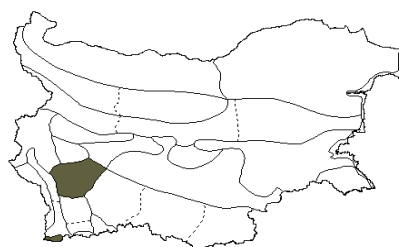


0

Eur

Festuca hirtovaginata

(Acht.) Markgr.-Dann.



2000

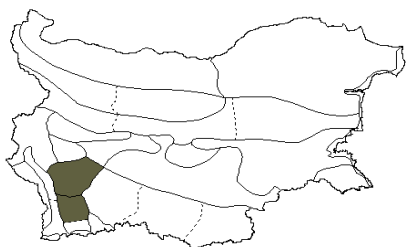


1700

Bal

Festuca horvatiana

Markgr.-Dann.



2000

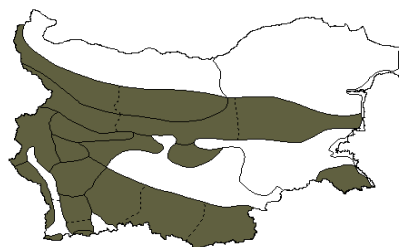


1600

Bal

Festuca nigrescens

Lam.



2200

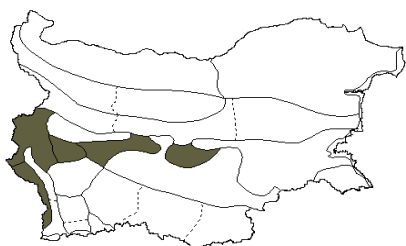


700

Eur

Festuca illyrica

Markgr.-Dann.



1000

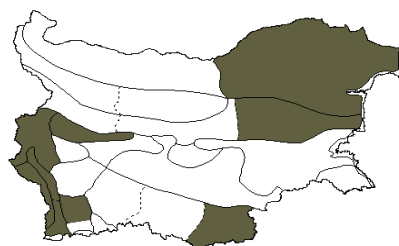


700

Bal

Festuca oviniformis

Vetter



600

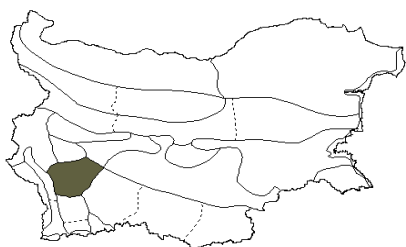


0

Bal

Festuca koritnicensis

Vetter ex Hayek



2200

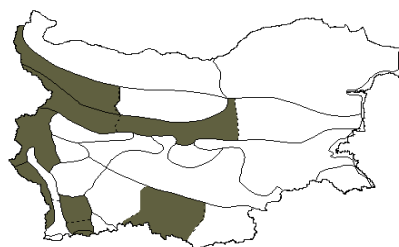


2200

Bal

Festuca panciana

(Hack.) K. Richt.



2000

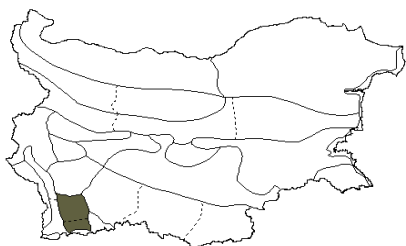


1500

Boreal

Festuca macedonica

Vetter



1500

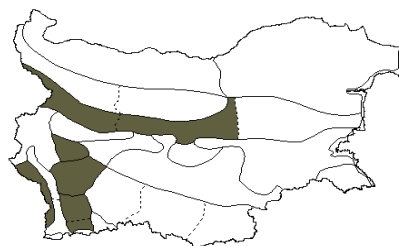


1000

Bal

Festuca paniculata

(L.) Schinz & Thell.



2900

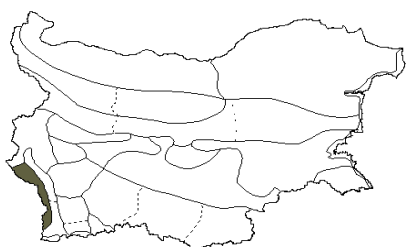


1000

Alp-Carp-Bal

Festuca maleshevica

Velčev & Vassilev



2000

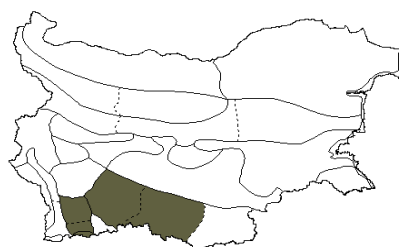


1000

Bul

Festuca penzesii

(Acht.) Markgr.-Dann.



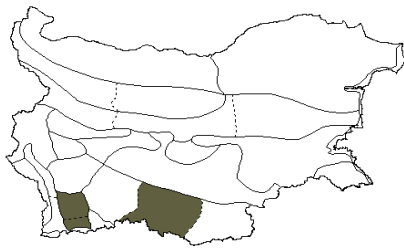
2900



1000

Bal

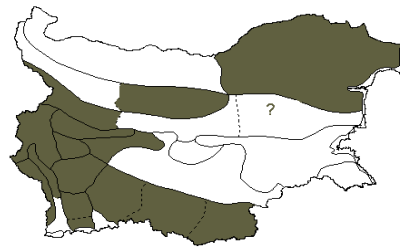
Festuca peristerea
(Vetter) Markgr.-Dann.



2400
⇕
1500

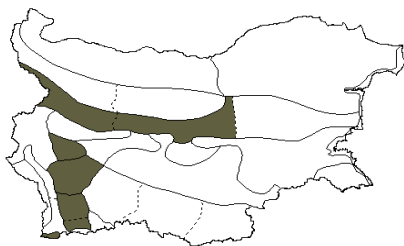
Bal

Festuca pseudodalmatica
Krajina ex Domin



1500
⇕
900

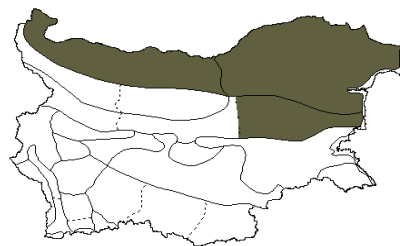
Festuca picturata
Pils.



2900
⇕
2000

SEEur

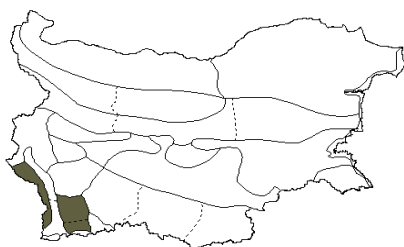
Festuca pseudovina
Hack. ex Wiesb.



200
⇕
0

subMed

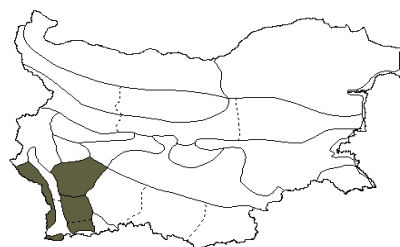
Festuca pirinensis
(Acht.) Acht.



2500
⇕
1500

Bul

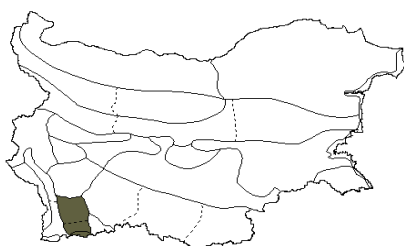
Festuca riloensis
(Hack. ex Hayek) Markgr.-Dann.



2900
⇕
2000

Bal

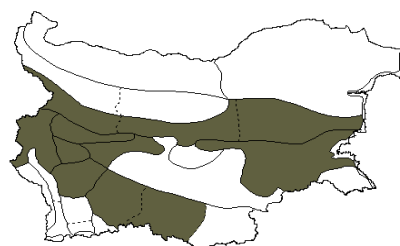
Festuca pirinica
Horv. ex Markgr.-Dann.



2900
⇕
2200

Bal

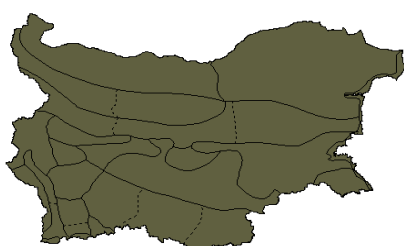
Festuca rubra
L.



1200
⇕
0

Boreal

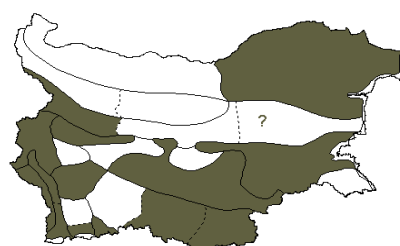
Festuca pratensis
L.



1500
⇕
0

Boreal

Festuca rupicola
Heuff.

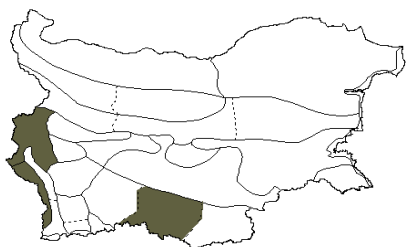


1200
⇕
200

Pann-Bal

Festuca spectabilis

Jan.



0

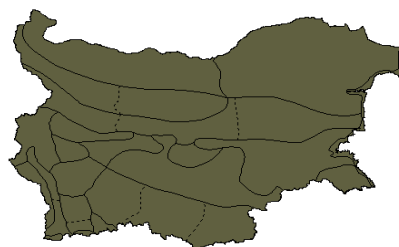


0

SEEur

Festuca valesiaca

Schleich. ex Gaudin



800

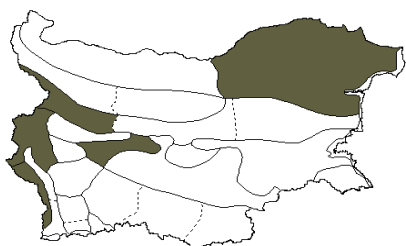


0

Pont

Festuca stojanovii

(Acht.) Kožuharov



1000

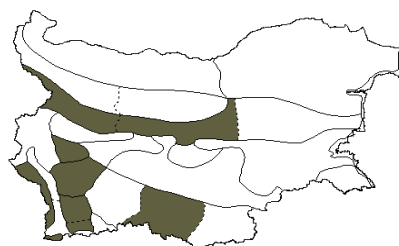


700

Bal

Festuca valida

(Uechtr.) Péntzes



2600

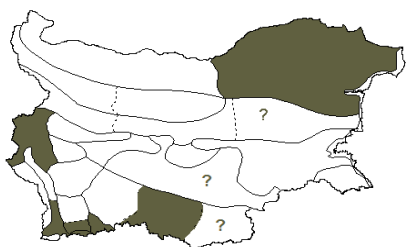


1700

Bal

Festuca thracica

(Acht.) Markgr.-Dann.



800

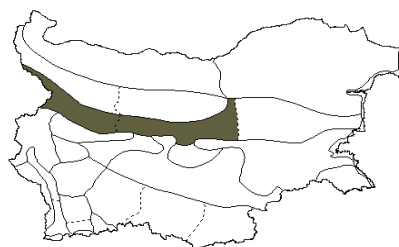


0

Bal

Festuca xanthina

Roem. & Schult.



2900

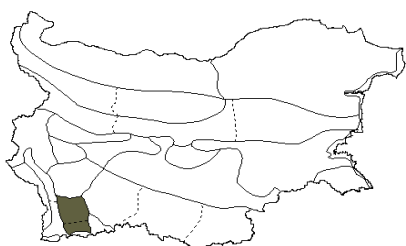


1000

Carp-Bal

Festuca trichophylla

(Duer. ex Gaudin) Richt.



1500

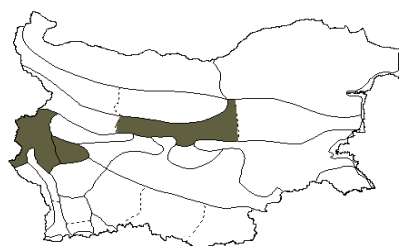


0

Eur

Festulolium loliaceum

(Hudson) P. Fourn.



1000

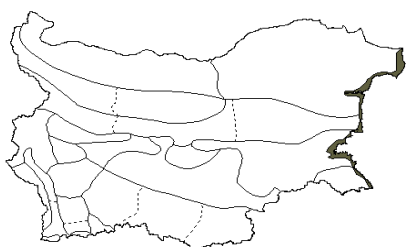


0

Hybr

Festuca vaginata

Waldst. & Kit. ex Willd.



0



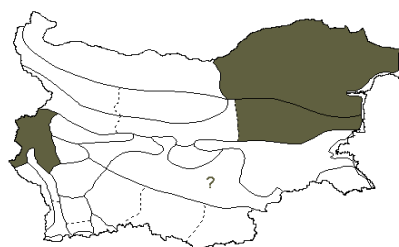
0



SPont

Fibigia clypeata

(L.) Medicus



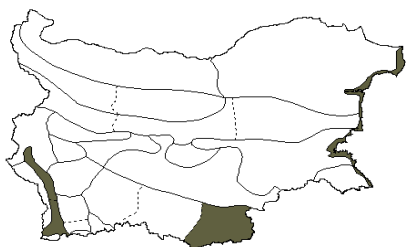
750



0

Med

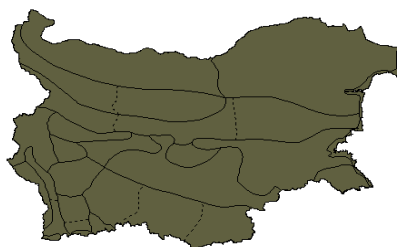
Ficus carica
L.



300
⇕
0

Adv (Med)

Filago vulgaris
Lam.



2000
⇕
0

Eur-As

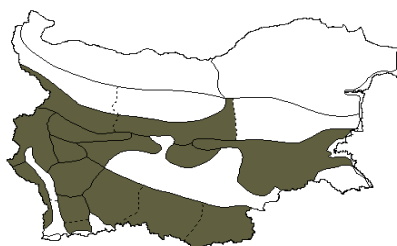
Filaginella uliginosa
(L.) Opiz



2000
⇕
0

Boreal

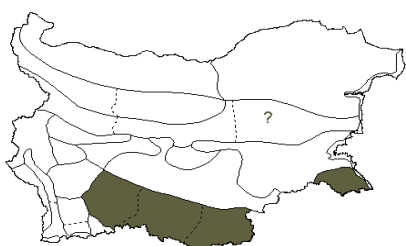
Filipendula ulmaria
(L.) Maxim.



2300
⇕
400

subBoreal

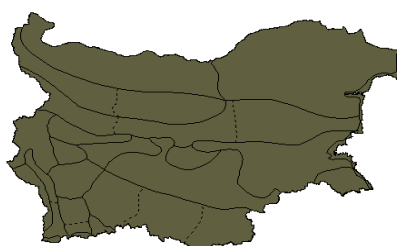
Filago eriocephala
Guss.



1000
⇕
0

Boreal

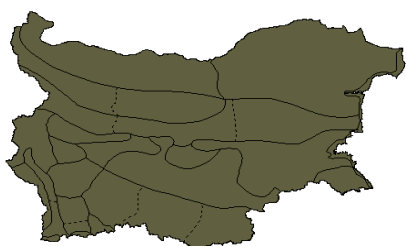
Filipendula vulgaris
Moench



1400
⇕
0

Eur-Med

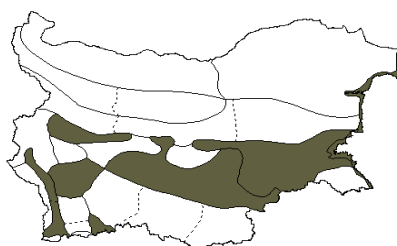
Filago lutescens
Jord.



1800
⇕
0

Boreal

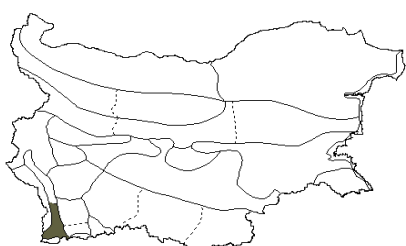
Fimbristylis bisumbellata
(Forssk.) Bubani



500
⇕
0

Kos

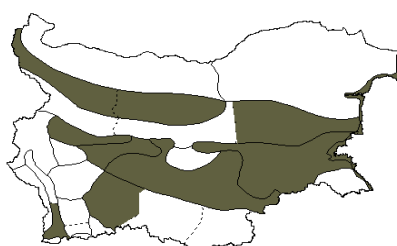
Filago pyramidata
L.



500
⇕
0

Eur

Foeniculum vulgare
Mill.



800
⇕
0

subMed

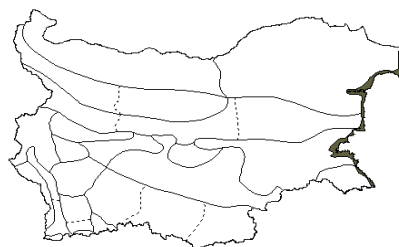
Fragaria moschata
Duchesne



2000
⇕
0

Eur-Pont

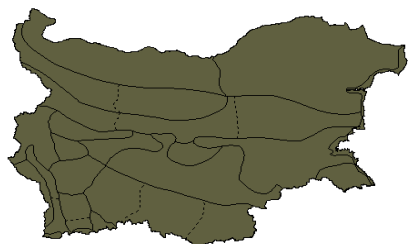
Frankenia pulverulenta
L.



50
⇕
0

!
Med-Sib

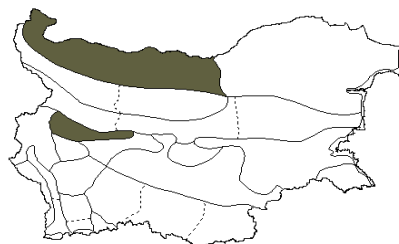
Fragaria vesca
L.



2000
⇕
0

subBoreal

Fraxinus americana
L.



500
⇕
0

Adv (NAm)

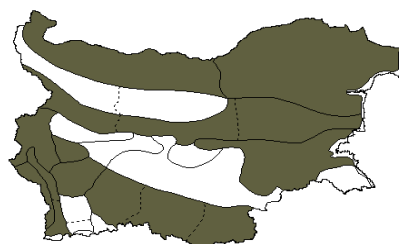
Fragaria viridis
Duchesne



1300
⇕
0

Eur-Sib

Fraxinus excelsior
L.



1500
⇕
0

Eur-Med

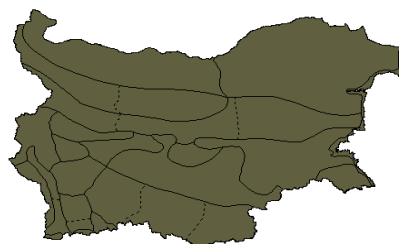
Frangula alnus
Mill.



1500
⇕
0

subBoreal

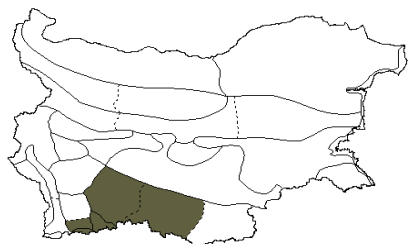
Fraxinus ornus
L.



1500
⇕
0

subMed

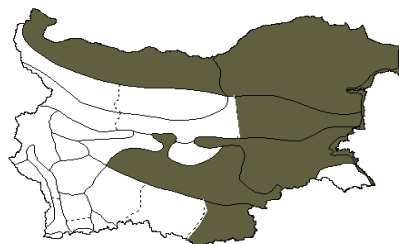
Frangula rupestris
(Scop.) Schur



1500
⇕
0

Med

Fraxinus oxycarpa
M. Bieb. ex Willd.

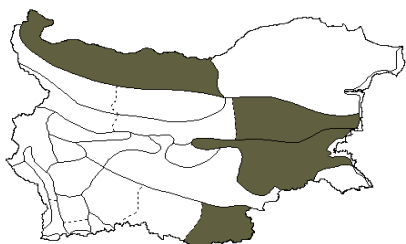


300
⇕
0

Med

Fraxinus pallisiae

Wilmott



300

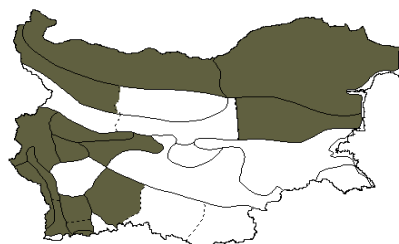


0

Pont-Med

Fritillaria orientalis

Adams



1400



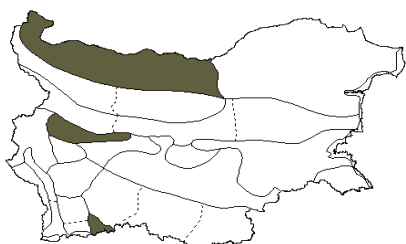
800



subMed

Fraxinus pennsylvanica

H. Marshall



300

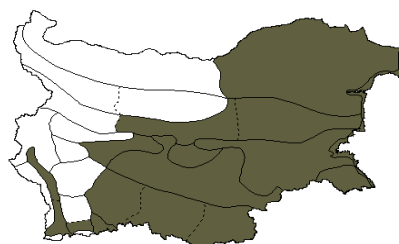


0

Adv (NAm)

Fritillaria pontica

Wahlenb.



1500



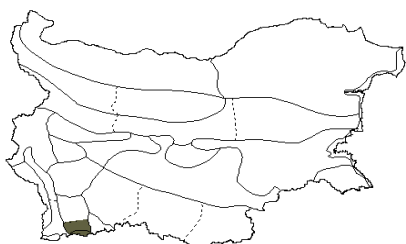
0



Med

Fritillaria drenovskyi

Degen & Stoj.



1800



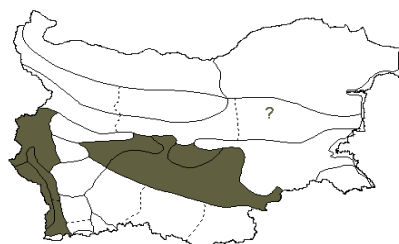
1000



Bal

Fritillaria skorpilii

Velen.



1500

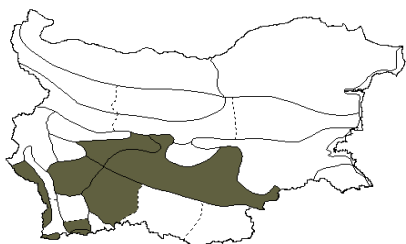


0

Bul

Fritillaria gussichiae

(Degen & Dörf.) Rix



1500



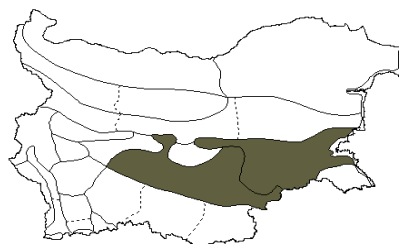
1000



Bal

Fritillaria sibirnyi

Velen.



1000



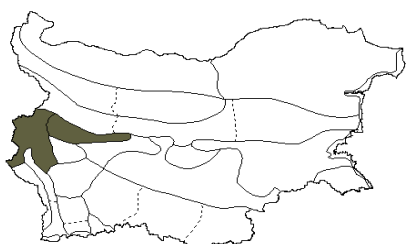
500



Bal

Fritillaria meleagroides

Patrin ex Schult. f.



700



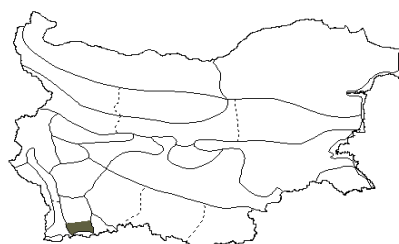
0



Pont-CAs

Fumana arabica

(L.) Spach



300



0

Med

Fumana procumbens

(Dunal) Gren. & Godr.



1000

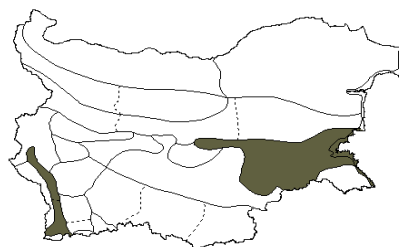


0

Pont-Med

Fumaria petteri

Rchb.



200

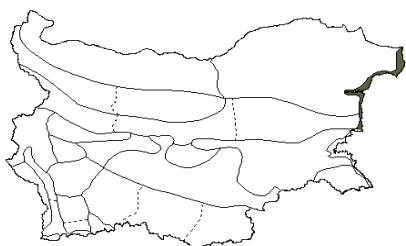


0

Pont-Bal

Fumaria densiflora

DC.



0



0

Eur-Sib

Fumaria rostellata

Knaf



1000

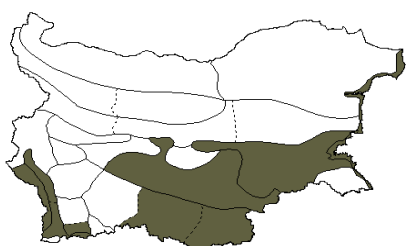


0

Eur-Med

Fumaria kralikii

Jord.



800

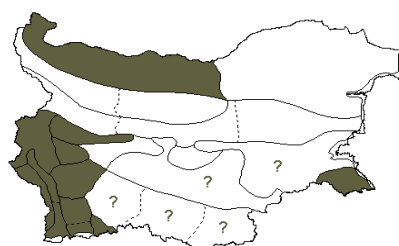


0

subMed

Fumaria schleicheri

Soy.-Will.



800

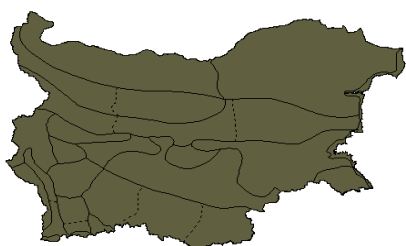


0

Eur-As

Fumaria officinalis

L.



1000

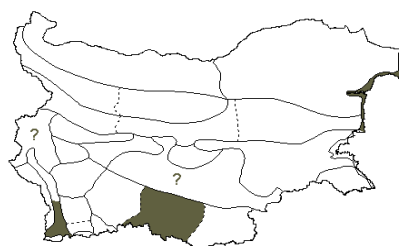


0

Eur-Sib

Fumaria schrammii

(Asch.) Velen.



500

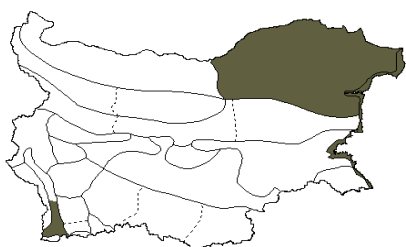


0

Eur-As

Fumaria parviflora

Lam.



500

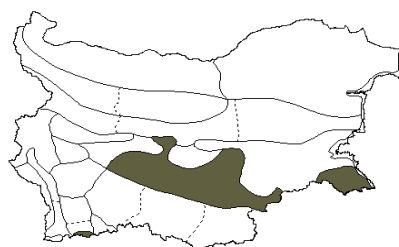


0

Eur-CAfr

Fumaria thuretii

Boiss.



200



0

Pont-Med

Fumaria vaillantii

Loisel.



1000

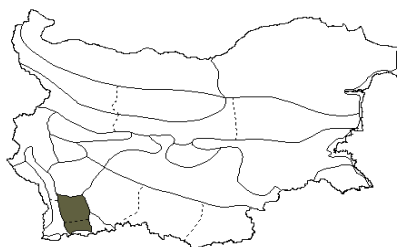


0

Eur-CAs

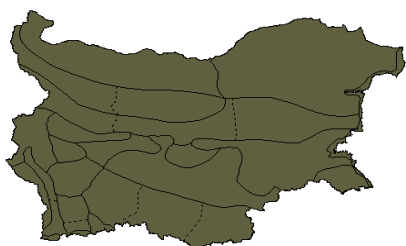
Gagea fragifera

(Vill.) E.Bayer & G.Lopez



Gagea arvensis

(Pers.) Dumort.



1500

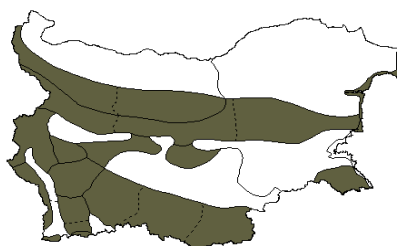


0

Pont-Med

Gagea lutea

(L.) Ker Gawl.



2000

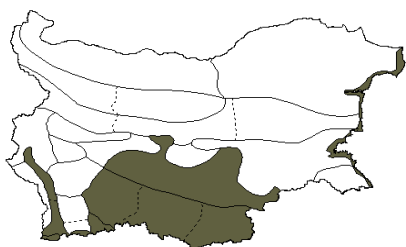


0

Eur-As

Gagea bohemica

(Zauschn.) Schult. & Schult. f.



1000

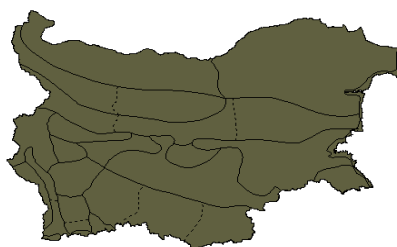


0

Eur-Pont

Gagea minima

(L.) Ker Gawl.



2900

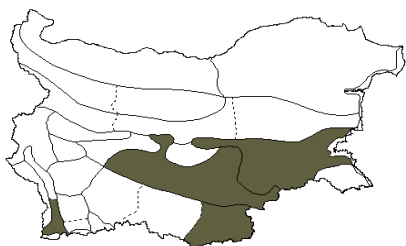


1000

Pont

Gagea chrysantha

(Jan.) Schult. & Schult. f.



300



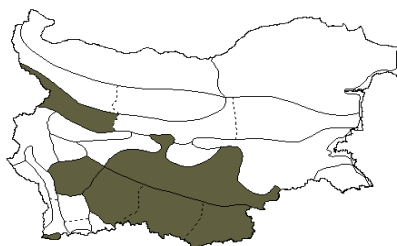
0



Med

Gagea peduncularis

(J. & C. Presl) Pascher



2000

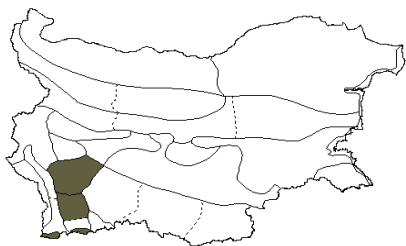


300

Med

Gagea fistulosa

(Ramond ex DC.) Ker Gawl.



2900

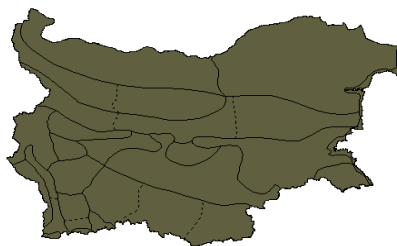


1000

subMed

Gagea pratensis

(Pers.) Dumort.



2000

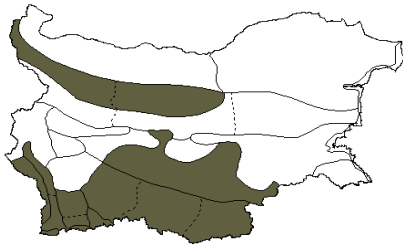


0

Eur

Gagea pusilla

(F. W. Schmidt) Schult. & Schult. f.



1000



0

Pont

Galanthus elwesii

Hook. f.



1500



0



Eur

Gagea reticulata

(Pall.) Schult. & Schult. f.



1000

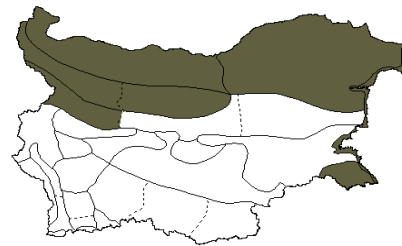


0

Pont

Galanthus nivalis

L.



1500



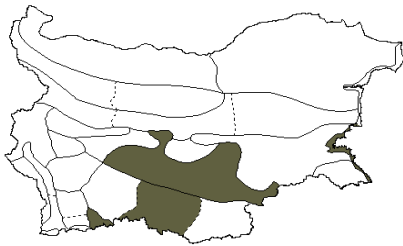
0



Eur

Gagea saxatilis

(Mert & Koch) Schult. et Schult. f.



300



0

Galega officinalis

L.



1300

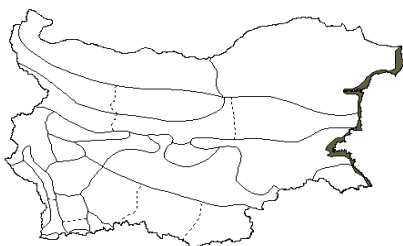


0

Pont-Med

Gagea taurica

Steven



200

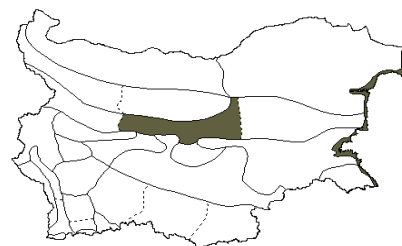


0

Pont

Galeopsis angustifolia

Ehrh. ex Hoffm.



1000

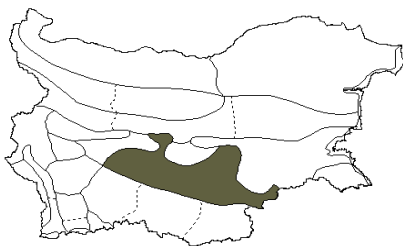


0

Eur

Gagea villosa

(M. Bieb.) Duby



1000

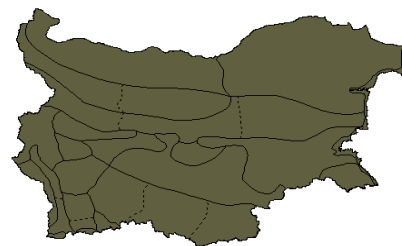


0

Eur-As

Galeopsis bifida

Boenn.



2000



0

Eur-As

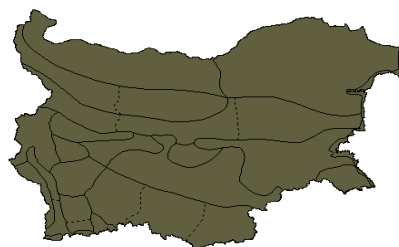
Galeopsis ladanum
L.



1600
⇕
0

Eur-As

Galinsoga parviflora
Cav.



1000
⇕
0

Adv (SAm)

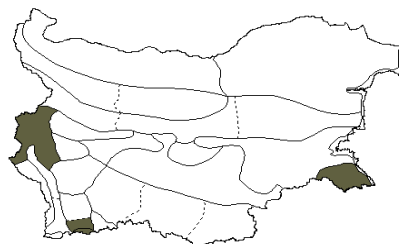
Galeopsis speciosa
Mill.



2000
⇕
0

Eur-As

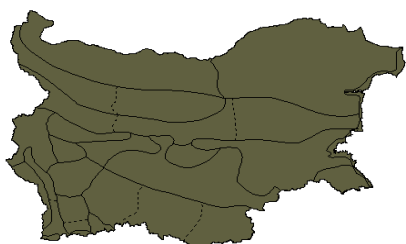
Galium aegaeum
(Stoj. & Kitanov) Ančev



1100
⇕
0

Bal

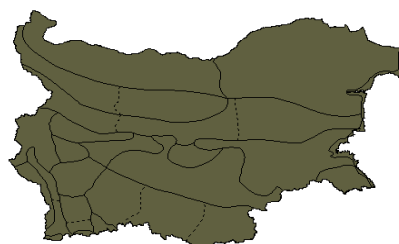
Galeopsis tetrahit
L.



2000
⇕
0

Eur-As

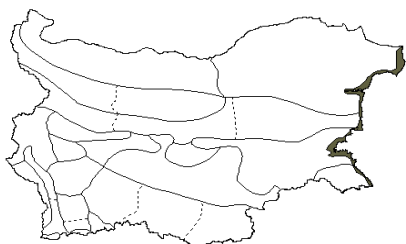
Galium album
Mill.



2000
⇕
0

Eur-As

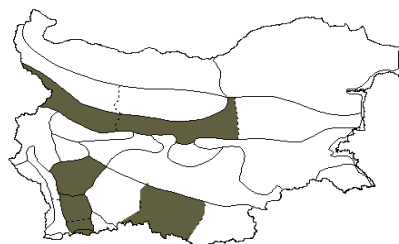
Galilea mucronata
(L.) Parl.



0
⇕
0

Med

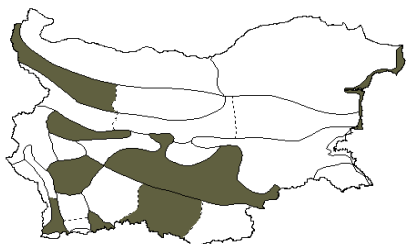
Galium anisophyllum
Vill.



2900
⇕
1600

Alp-Carp

Galinsoga ciliata
(Raf.) S. F. Blake



1000
⇕
0

Adv (SAm)

Galium aparine
L.

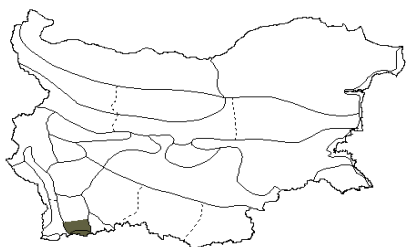


1500
⇕
0

Eur-As

Galium asparagifolium

Boiss. & Heldr.



900

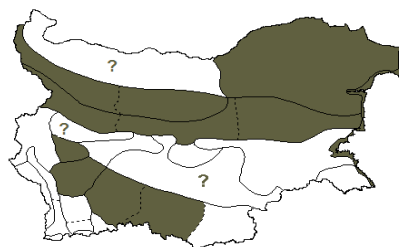


600

Bal-Anat

Galium elongatum

C. Presl



1200

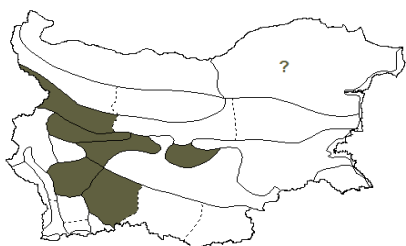


0

subMed

Galium boreale

L.



1700

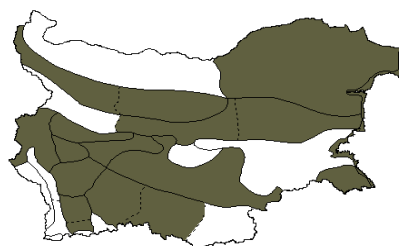


900

Boreal

Galium flavescens

Borbás



1200

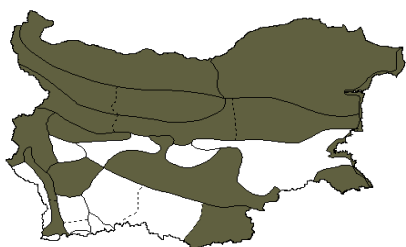


300

Bal-Dac

Galium debile

Desv.



900

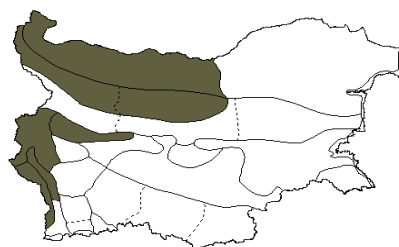


0

subMed

Galium glaucum

L.



900

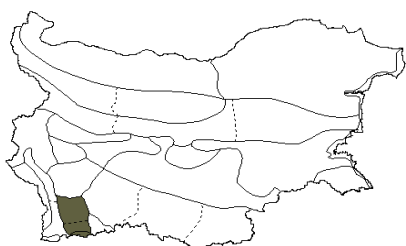


200

subMed

Galium demissum

Boiss.



2700



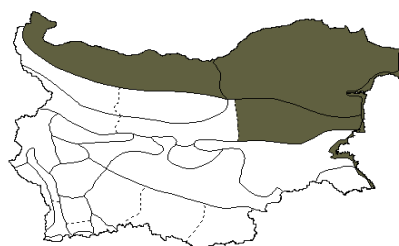
2100



Bal-Anat

Galium humifusum

M. Bieb.



500

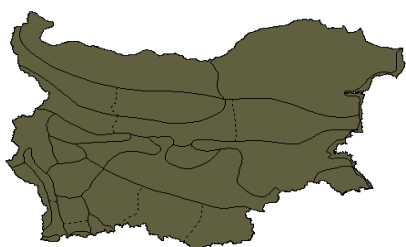


0

Eur-Med

Galium divaricatum

Pourret ex Lam.



1500

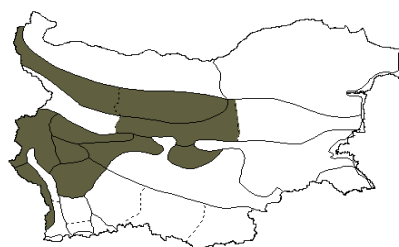


0

Med

Galium intermedium

Méret



1600

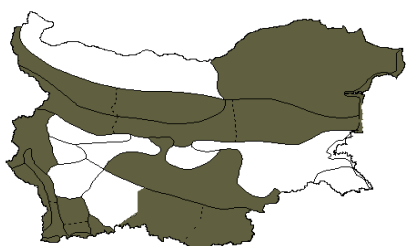


500

subMed

Galium lovcense

Urum.



2000

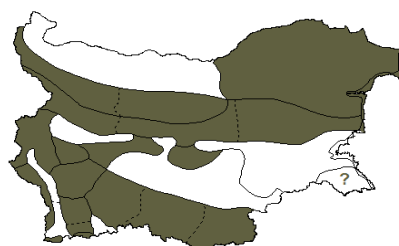


200

Bal-Anat

Galium odoratum

(L.) Scop.



1700

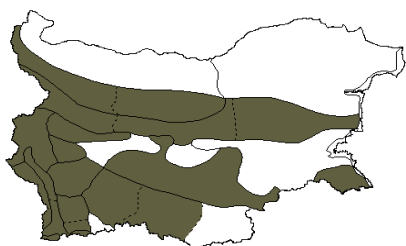


0

Eur-As

Galium lucidum

All.



1500

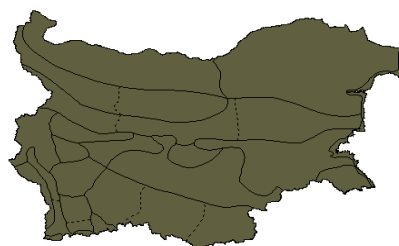


200

subMed

Galium palustre

L.



1900

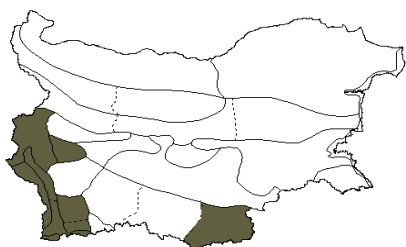


0

Boreal

Galium macedonicum

Krendl



1200

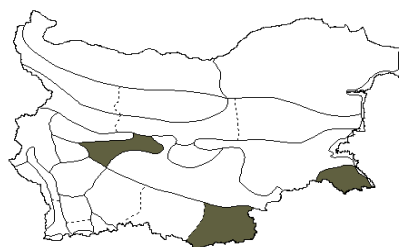


400

Bal

Galium parisiense

L.



500

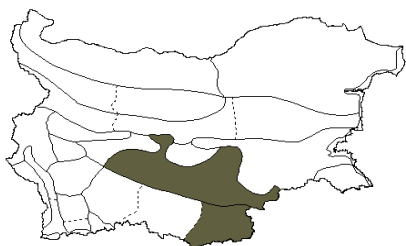


250

Eur-Med

Galium mirum

Rech. f.



1000

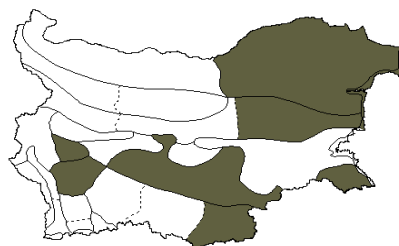


250

Bal

Galium paschale

Forssk.



900

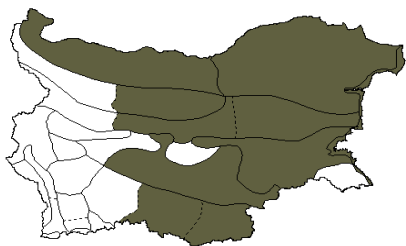


0

Bal-Anat

Galium octonarium

(Klokov) Sáo



900

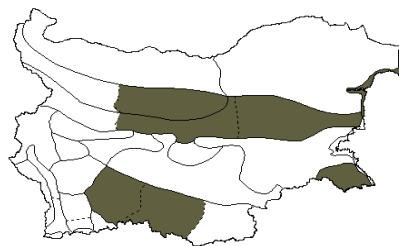


0

Med-CAs

Galium pomeranicum

Retz.



1500

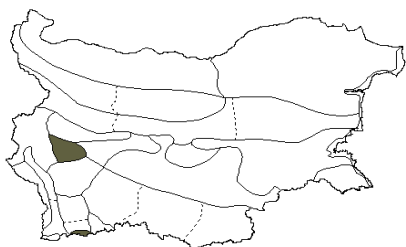


0

Hybr

Galium procurrens

Ehrend.



1400



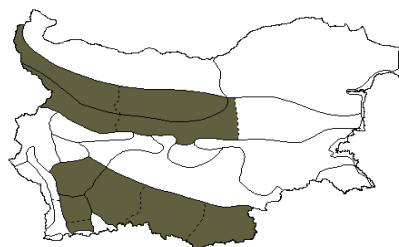
650



Bal

Galium rotundifolium

L.



1700



600

subMed

Galium pseudoaristatum

Schur



1300

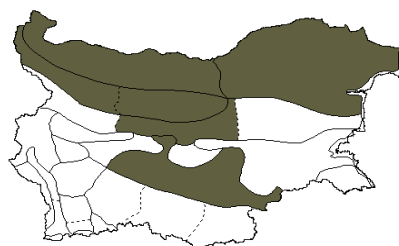


150

Pann-Bal

Galium rubioides

L.



500



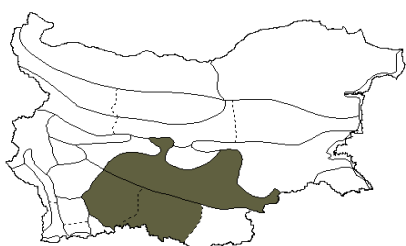
200



Eur

Galium rhodopeum

Velen.



1450



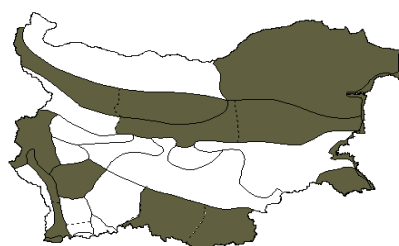
300



Bal

Galium spurium

L.



1000

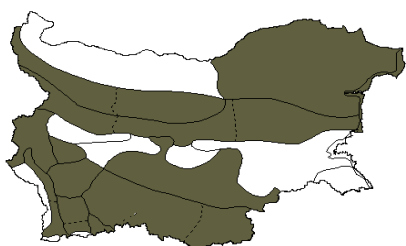


0

Eur-As

Galium rigidifolium

Krenzl



1200

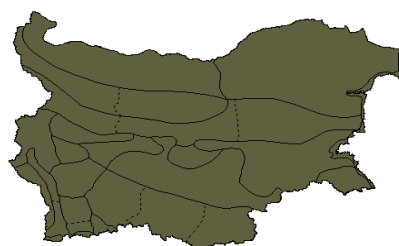


300

Bal

Galium tenuissimum

M. Bieb.



1000



0

Pont-CAs

Galium rivale

(Sm.) Griseb.



1500

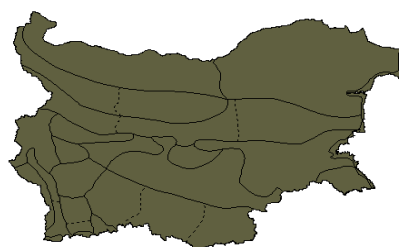


0

Pont-Sib

Galium tricornutum

Dandy



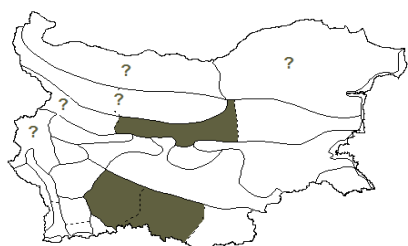
700



0

Eur-As

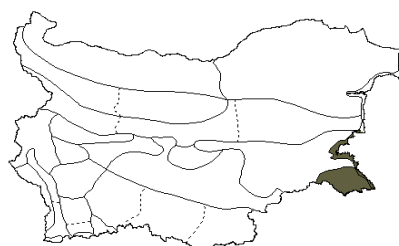
Galium uliginosum
L.



1500
⇕
500

Eur-As

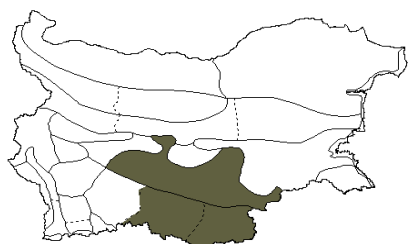
Gastridium ventricosum
(Gouan) Schinz & Thell.



300
⇕
0

subMed

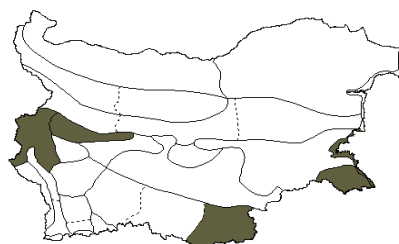
Galium velenovskyi
Ančev



600
⇕
250

Bul

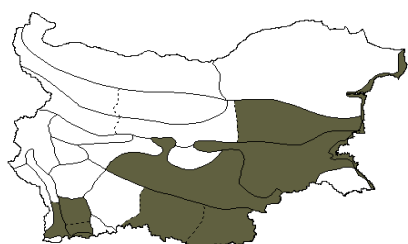
Gaudinia fragilis
(L.) P. Beauv.



300
⇕
0

Med

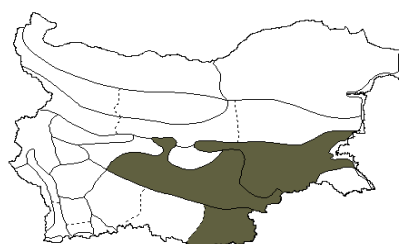
Galium verticillatum
Danth. ex Lam.



1400
⇕
0

Med-As

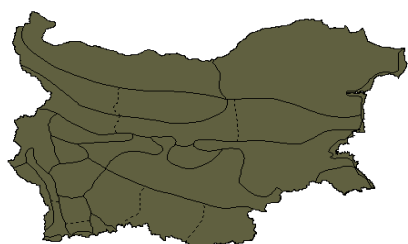
Genista anatolica
Boiss.



300
⇕
0

Bal-Anat

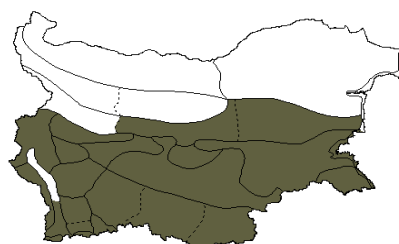
Galium verum
L.



1700
⇕
0

Eur-As

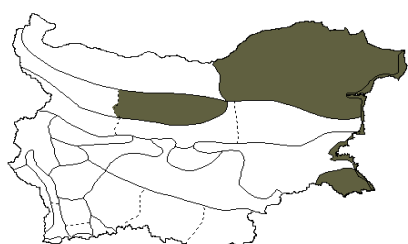
Genista carinalis
Griseb.



2000
⇕
500

Bal-Anat

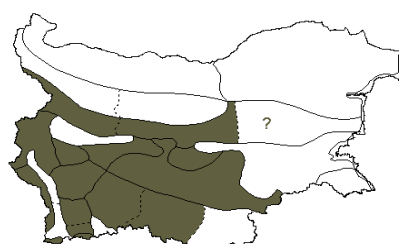
Galium volhynicum
Pobed.



500
⇕
0

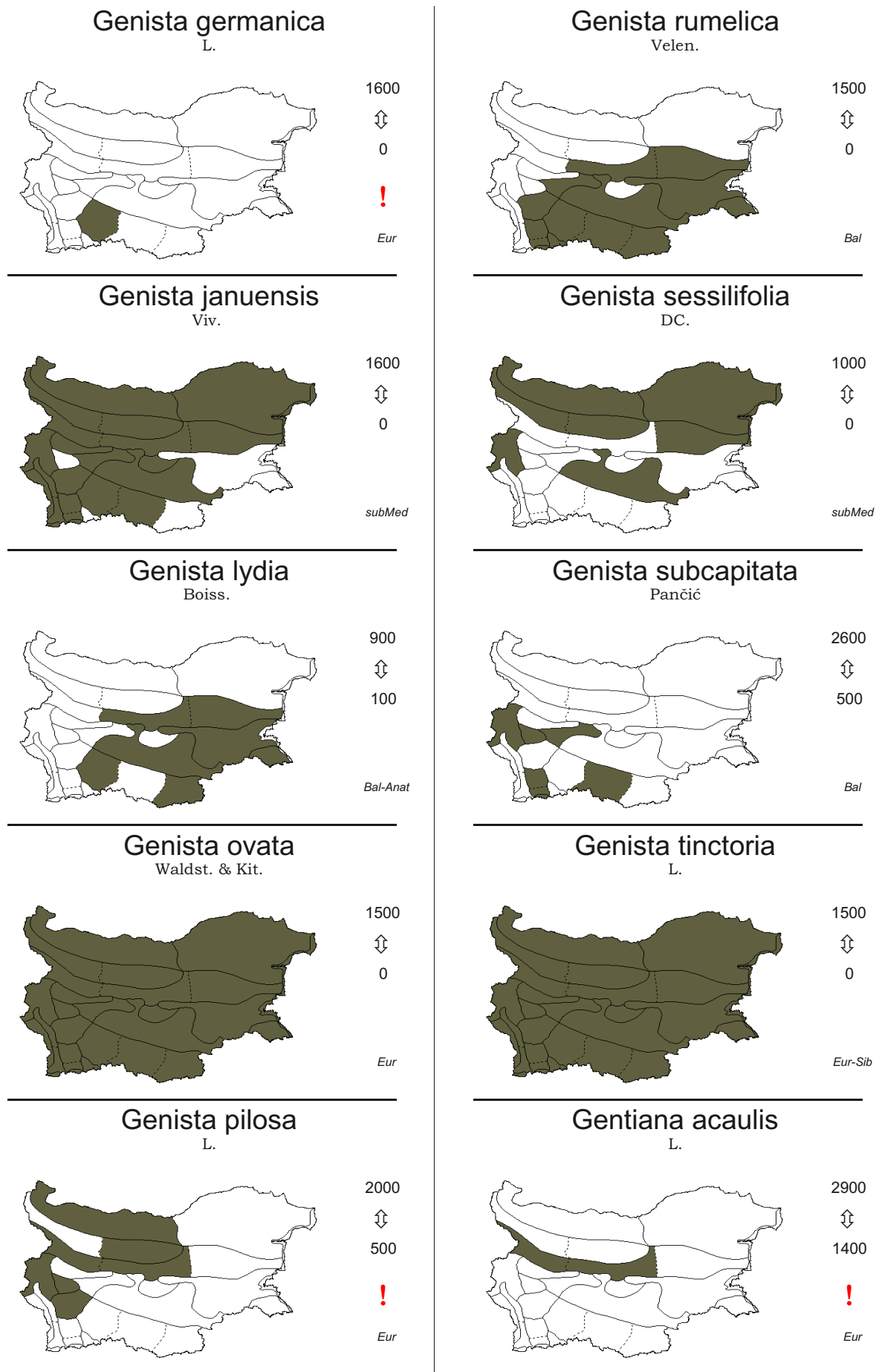
Pont

Genista depressa
M. Bieb.

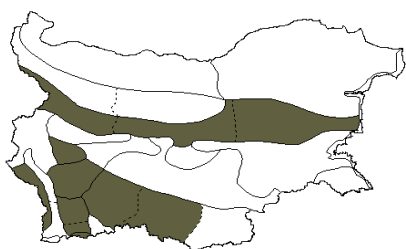


2900
⇕
300

subMed



Gentiana asclepiadea
L.



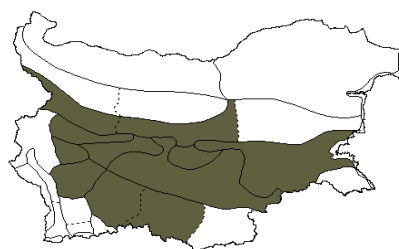
2900



1000

Eur

Gentiana pneumonanthe
L.



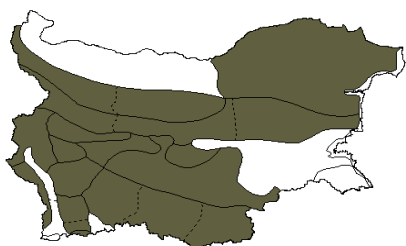
2000



500

CAs

Gentiana cruciata
L.



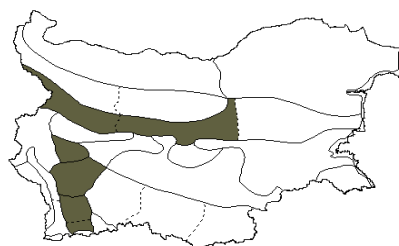
2900



200

Eur-Sib

Gentiana punctata
L.



2900

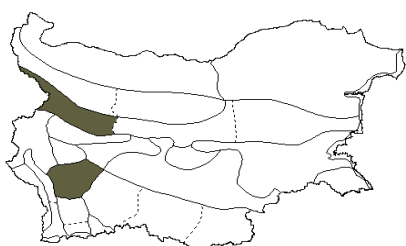


1500



Alp-Carp

Gentiana frigida
Haenke



2900

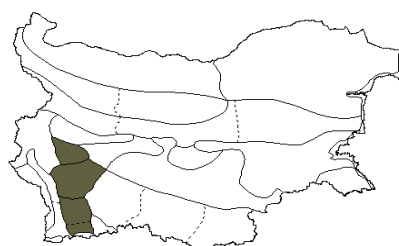


2000



Alp-Bal

Gentiana pyrenaica
L.



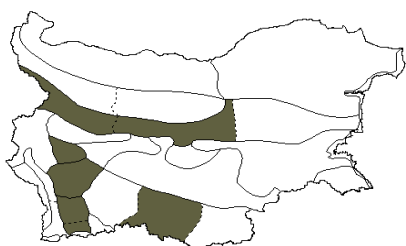
2900



1500

Alp-Carp

Gentiana lutea
L.



2900

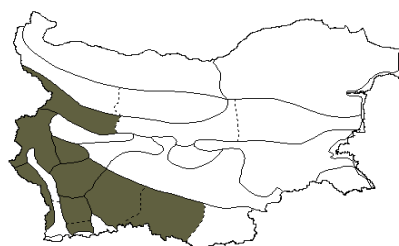


1200



Eur

Gentiana utriculosa
L.



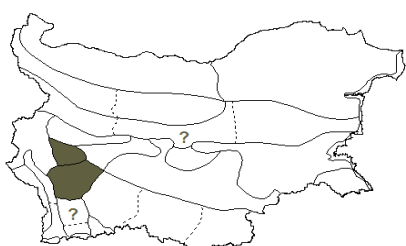
2900



900

subMed

Gentiana nivalis
L.



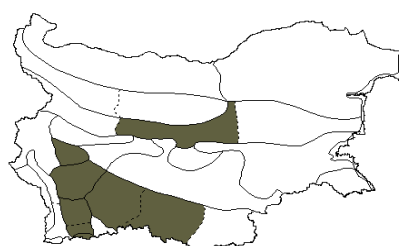
2900



1800

Boreal

Gentiana verna
L.



2900

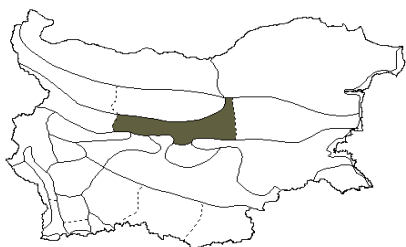


1500

Eur-As

Gentianella amarella

(L.) Börner



2900



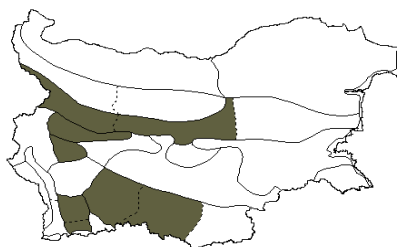
1800



Eur

Gentianella germanica

(Willd.) Börner



2900

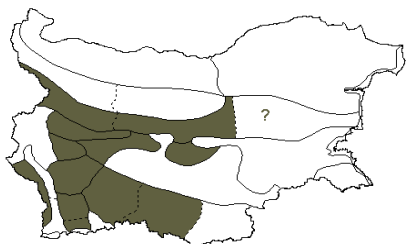


1500

Eur

Gentianella bulgarica

(Velen.) Holub



2500

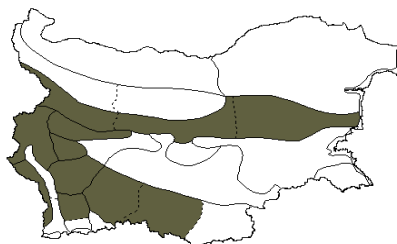


800

Pont

Gentianella lutescens

(Velen.) Holub



2900

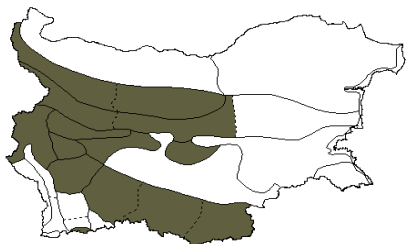


1000

subMed

Gentianella ciliata

(L.) Borkh.



2000

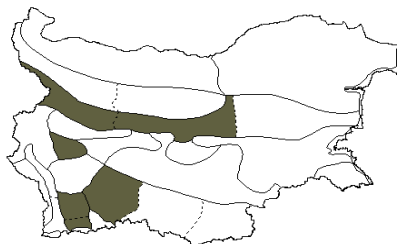


800

subMed

Gentianella praecox

(A. & J. Kern.) Dostál



2900

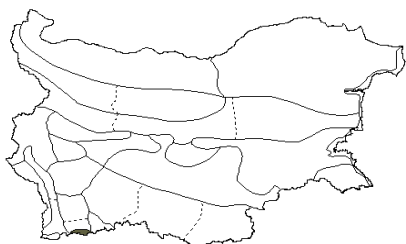


1500

Eur

Gentianella crispata

(Vis.) Holub



2000



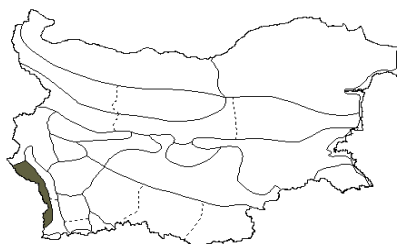
1500



Med

Geranium aristatum

Freyn. & Sint.



1500



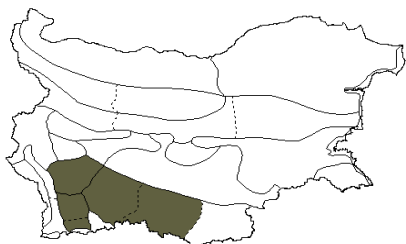
1000



Bal

Gentianella engadinensis

(Wettst.) Holub



2900



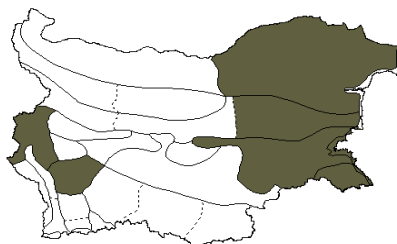
1500



subMed

Geranium asphodeloides

Burm.



1000

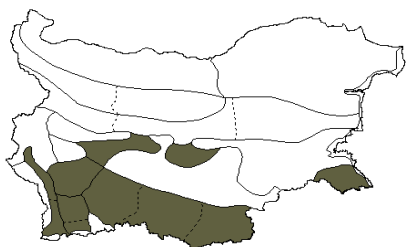


0

subMed

Geranium bohemicum

L.



1500



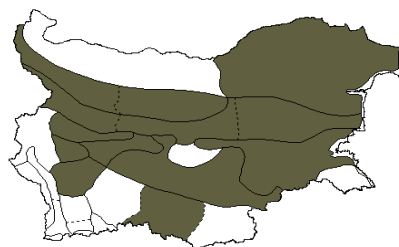
0



subMed

Geranium divaricatum

Ehrh.



1300

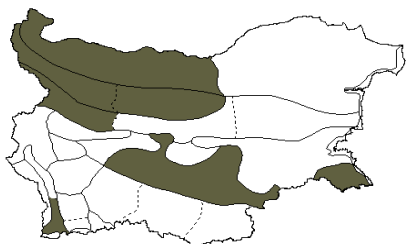


0

Eur-As

Geranium brutium

Gasp.



1000



0

Med

Geranium lucidum

L.



1500

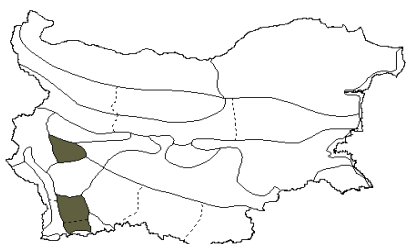


0

Eur-As

Geranium coeruleatum

Schur



2500

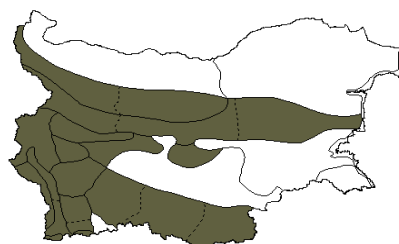


1700

Carp-Bal

Geranium macrorrhizum

L.



2500

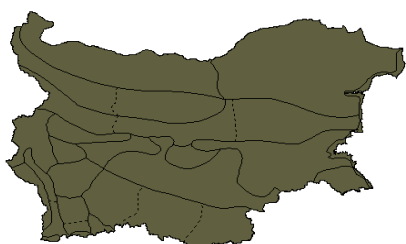


300

Eur-Med

Geranium columbinum

L.



700

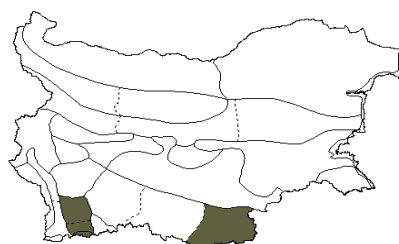


0

subMed

Geranium macrostylum

Boiss.



1500



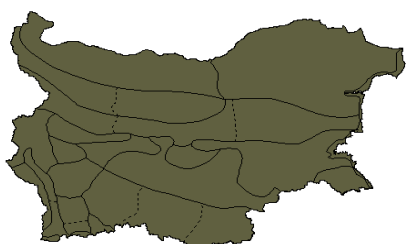
300



subMed

Geranium dissectum

L.



1500



0

Eur-As

Geranium molle

L.



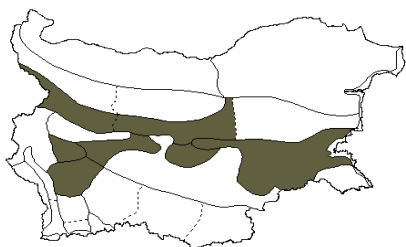
2000



0

Eur-Med

Geranium palustre
L.



1500



300



Eur-Med

Geranium pyrenaicum
Burm. f.



2000



0

subMed

Geranium phaeum
L.



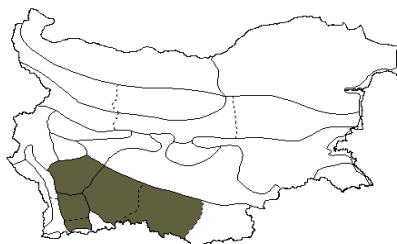
1800



100

Eur

Geranium reflexum
L.



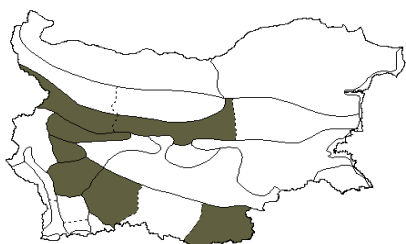
1800



300

Ap-Bal

Geranium pratense
L.



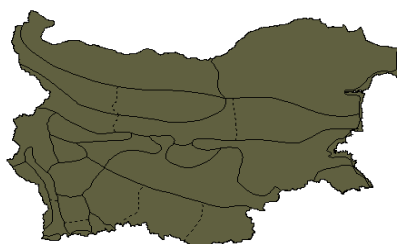
1500



700

Eur-Med

Geranium robertianum
L.



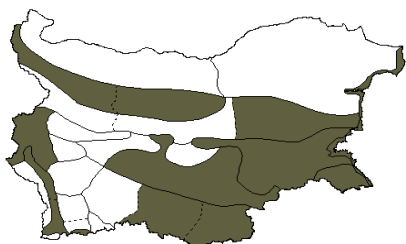
2000



0

subBoreal

Geranium purpureum
vill.



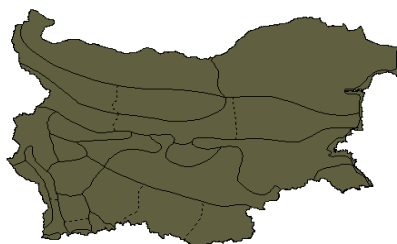
500



0

Med

Geranium rotundifolium
L.



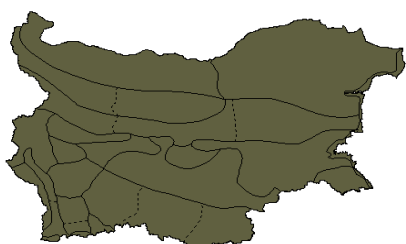
1000



0

Eur-As

Geranium pusillum
L.



1500



0

Eur-Med

Geranium sanguineum
L.



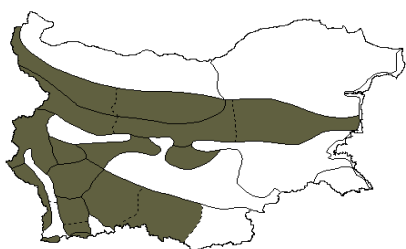
1700



0

Eur

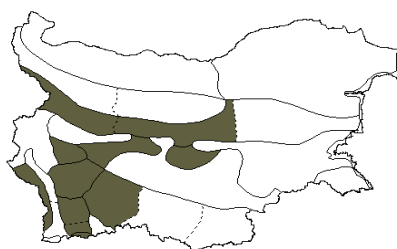
Geranium sylvaticum
L.



2200
⇕
1000

Boreal

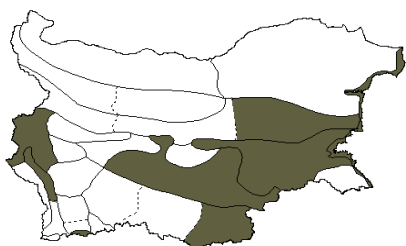
Geum montanum
L.



2700
⇕
1600

Alp-Carp-Bal

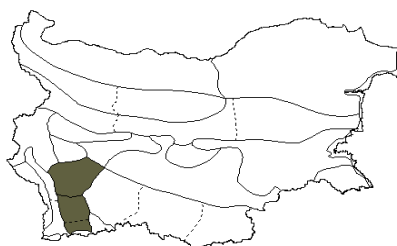
Geranium tuberosum
L.



800
⇕
0

subMed

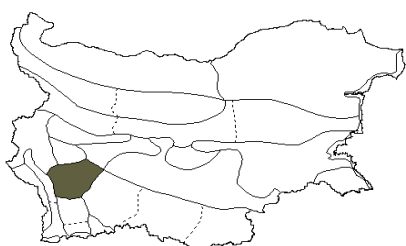
Geum reptans
L.



2900
⇕
2300

Alp-Carp-Bal

Geum bulgaricum
Pancić

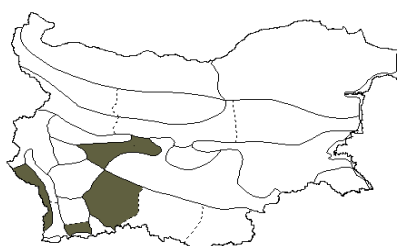


2800
⇕
2000

!

Bal

Geum rhodopaeum
Stoj. & Stef.

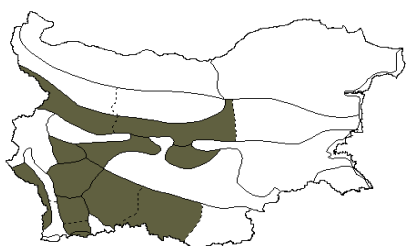


1500
⇕
1200

!

Bal

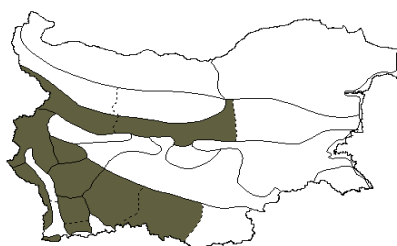
Geum coccineum
Sm.



2300
⇕
900

subMed

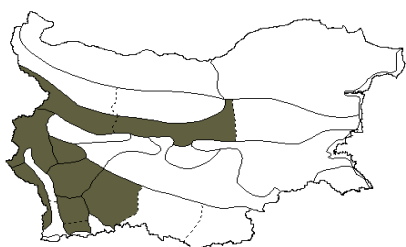
Geum rivale
L.



2100
⇕
1200

subBoreal

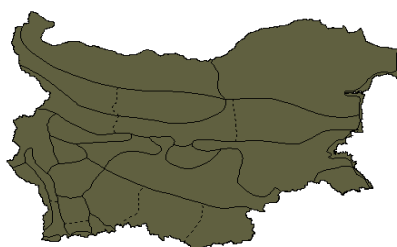
Geum molle
Vis. & Pancić



1800
⇕
1000

Ap-Bal

Geum urbanum
L.



1500
⇕
200

subBoreal

Gladiolus communis

L.



1500

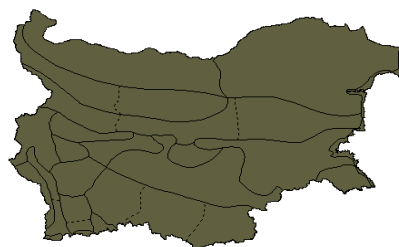


0

Med

Glaucium corniculatum

(L.) Rudolph



1000

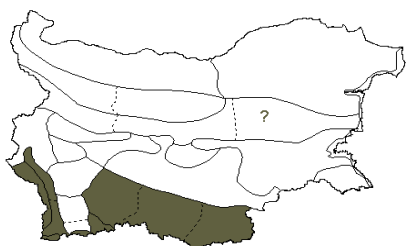


0

Eur-As

Gladiolus illyricus

Koch



1500

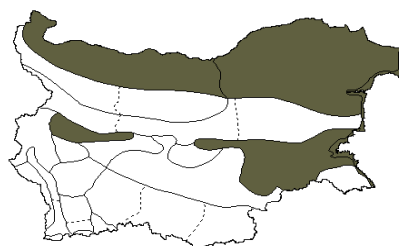


0

Med-OT

Glaucium flavum

Crantz



150



0

Eur

Gladiolus imbricatus

L.



2500

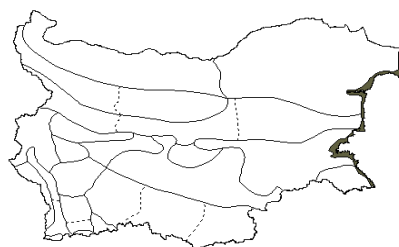


0

Eur-subMed

Glaucium leiocarpum

Boiss.



100

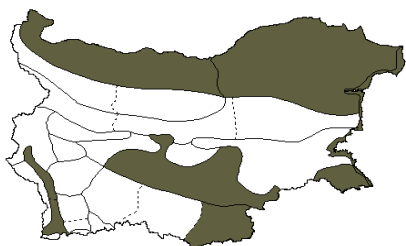


0

Med

Gladiolus italicus

Mill.



1000



0

Med

Glechoma hederacea

L.



1000

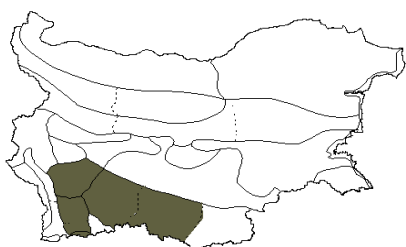


0

Eur-As

Gladiolus palustris

Gaudin



1500



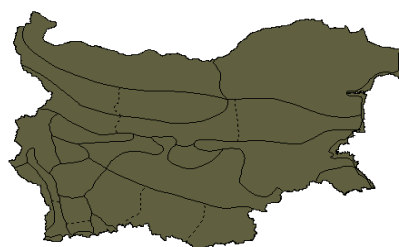
0



subMed

Glechoma hirsuta

Waldst. & Kit.



1000

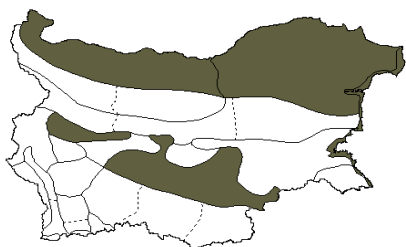


0

Eur-Med

Gleditsia triacanthos

L.



1000

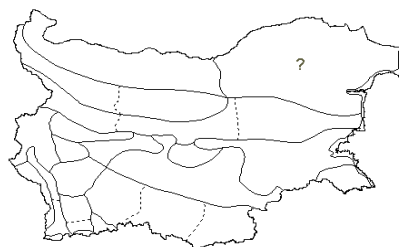


0

Adv (NAm)

Globularia trichosantha

Fisch. & C. A. Mey.



400

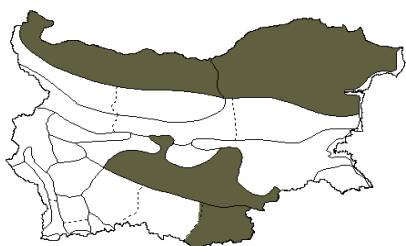


0



Glinus lotoides

L.



200

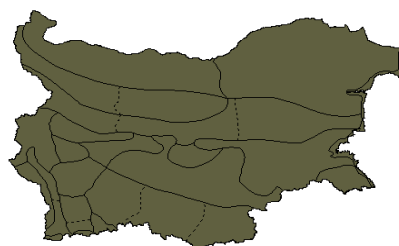


0

Med-CAs

Glyceria arundinacea

Kunth



1000

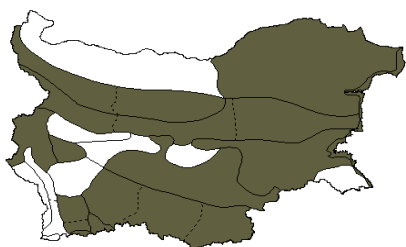


0

subBoreal

Globularia aphyllanthes

Crantz



2200

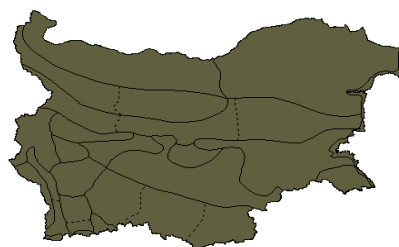


0

Eur

Glyceria fluitans

(L.) R. Br.



1000

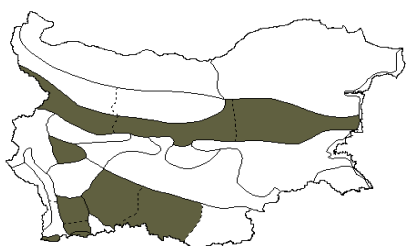


0

Kos

Globularia cordifolia

L.



2800

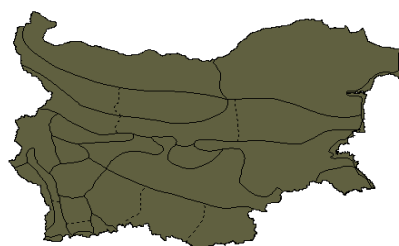


300

Alp-Carp-Anat

Glyceria maxima

(Hartm.) Holmb.



1000



0

Boreal

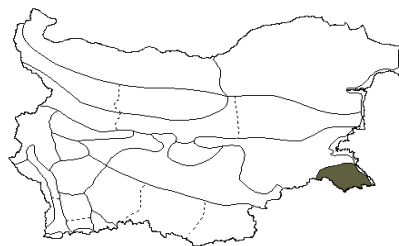
Globularia meridionalis

(Podp.) Schwarz



Glyceria nemoralis

(Uechtr.) Uechtr. & Körn.



300

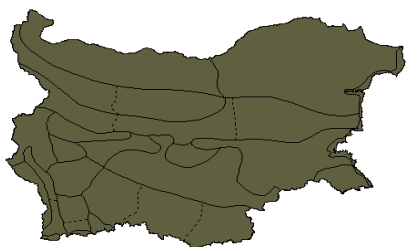


0

CEur

Glyceria plicata

(Fr.) Fr.



1500

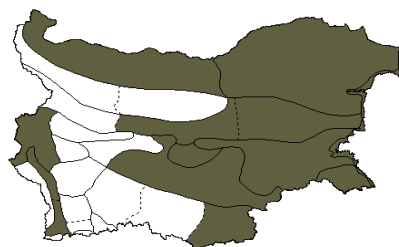


0

Kos

Goniolimon collinum

(Griseb.) Boiss.



500



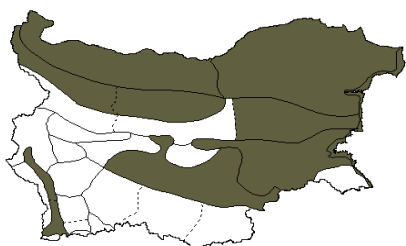
0



Pont

Glycyrrhiza echinata

L.



300

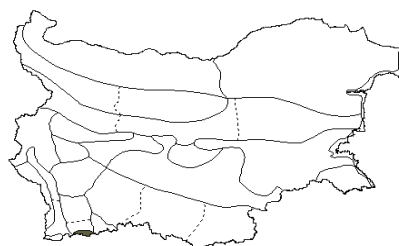


0

subMed

Goniolimon dalmaticum

(C. Presl) Rchb. f.



1500



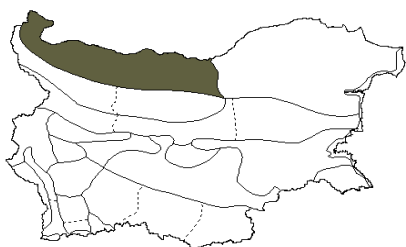
1000



Bal

Glycyrrhiza glabra

L.



200



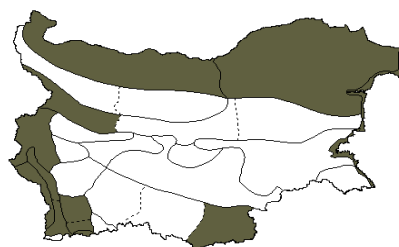
0



Adv (Med)

Goniolimon tataricum

(L.) Boiss.



1000



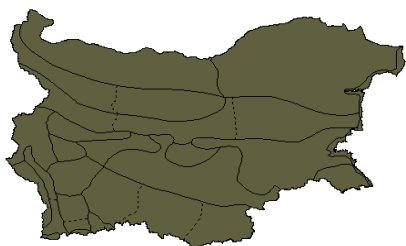
0



Pont-Med

Gnaphalium luteo-album

L.



1000

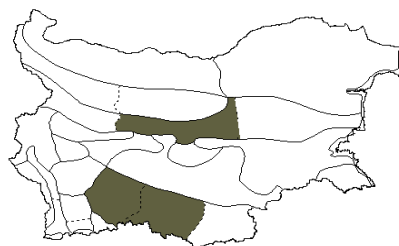


0

Kos

Goodyera repens

(L.) R. Br.



1500



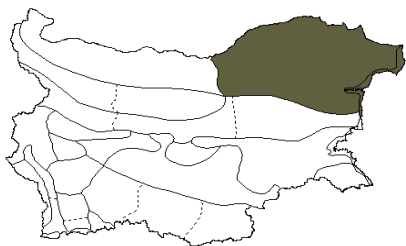
900



Boreal

Goniolimon besseranum

(Schult. ex Rchb.) Kusn.



200



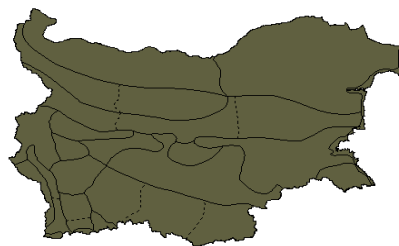
0



Pont

Gratiola officinalis

L.

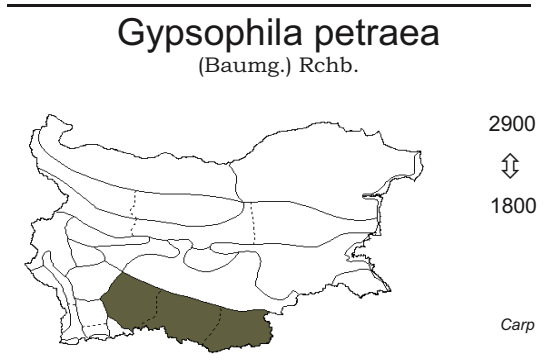
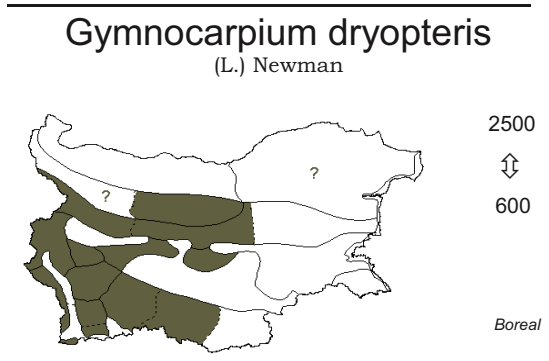
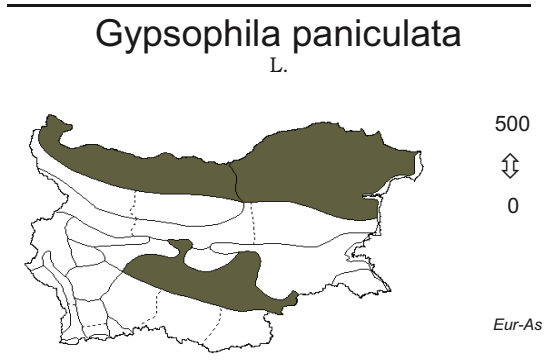
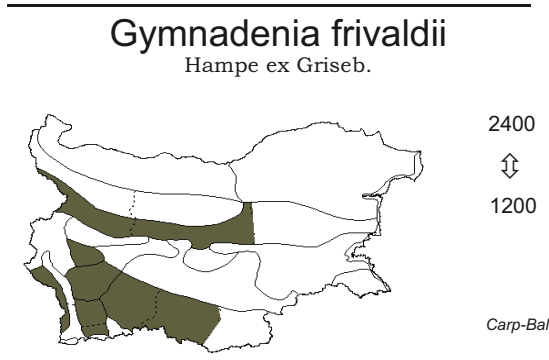
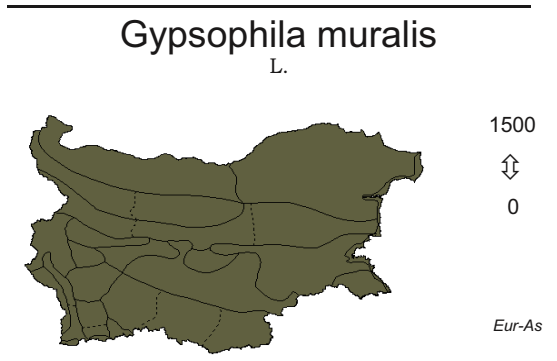
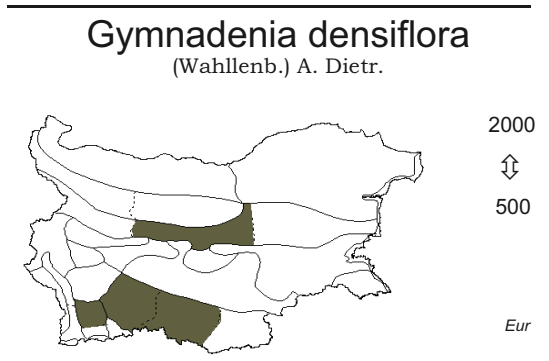
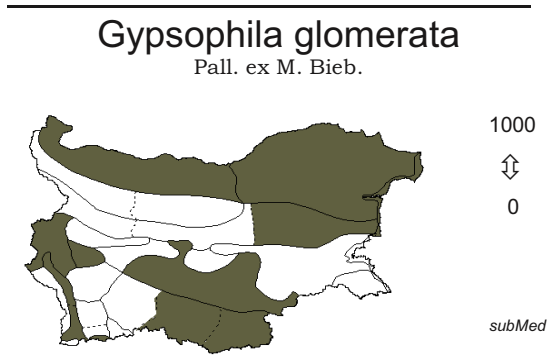
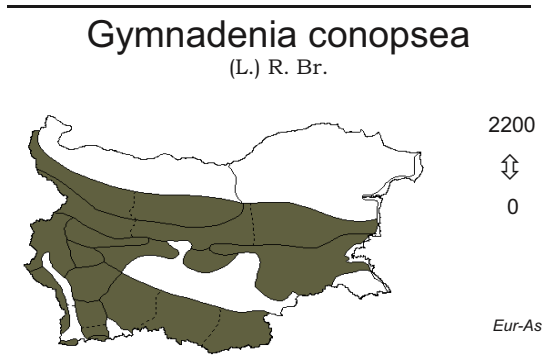
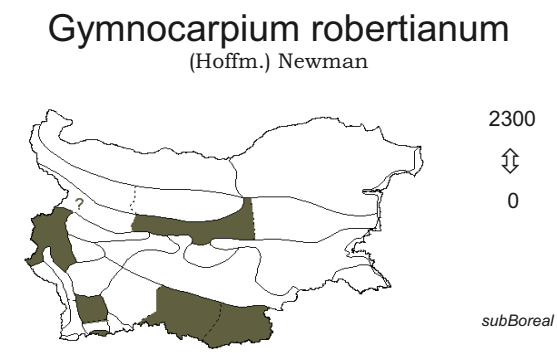
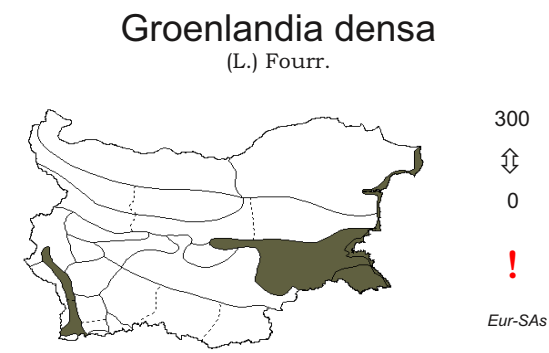


1000



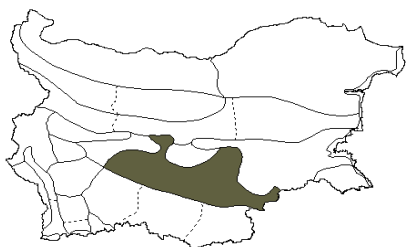
0

Eur-Med



Gypsophila tekirae

Stef.



400



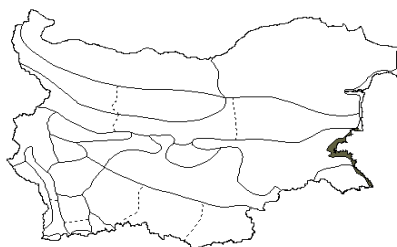
0



Bul

Halimione portulacoides

(L.) Aellen



50



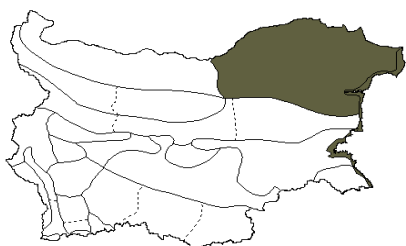
0



Eur-As

Gypsophila trichotoma

Wend.



100



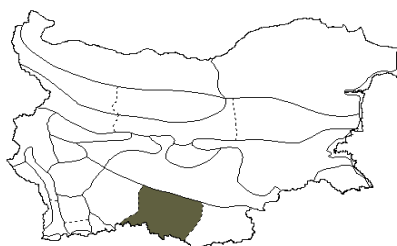
0



Eur-As

Hammarbya paludosa

(L.) Kuntze



1400



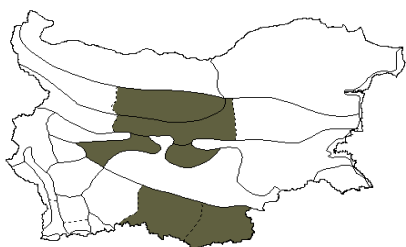
0



Eur-As

Haberlea rhodopensis

Friv.



2000



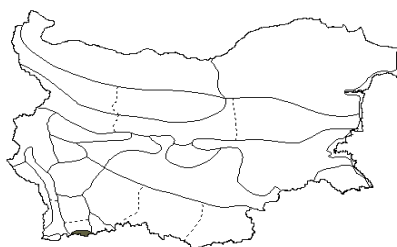
200



Bal

Haplophyllum balcanicum

Vandas



2900



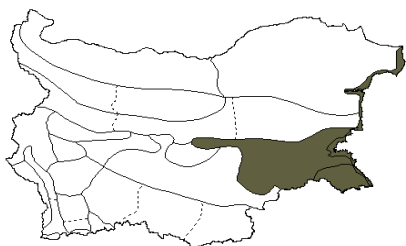
1000



Bal

Hainardia cyllindrica

(Willd.) Greuter



100



0

Med

Haplophyllum suaveolens

(DC.) G. Don



1200

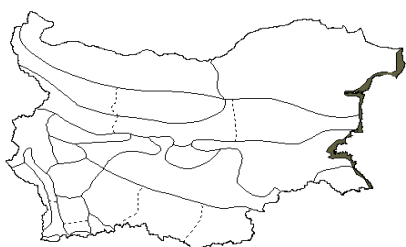


0

Med

Halimione pedunculata

(L.) Aellen



50



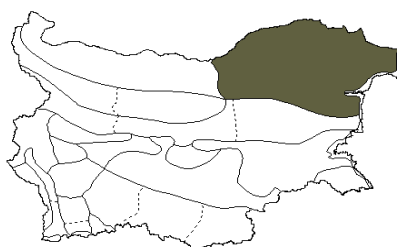
0



Eur-As

Haplophyllum thesioides

(Fisch.ex DC.) G. Don



400



0



Med

Hedera helix

L.



1800

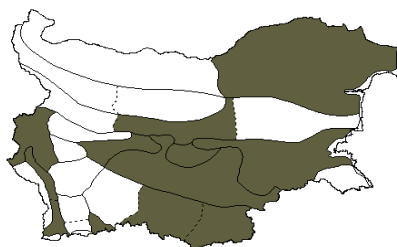


0

Eur-As

Helianthemum lasiocarpum

Desf. ex Willk.



1000

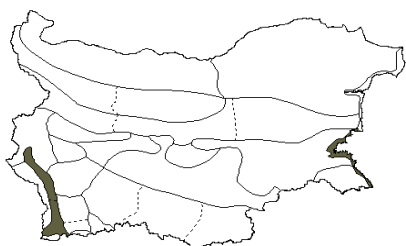


50

Med

Hedypnois cretica

(L.) Dum. Cours.



1000

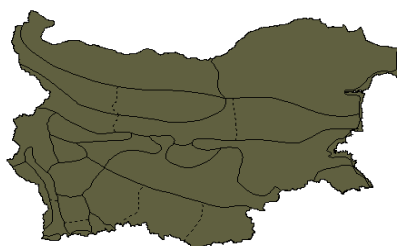


0

Med

Helianthemum nummularium

(L.) Mill.



2600

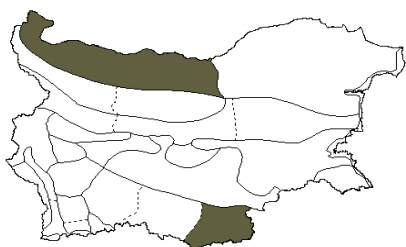


0

Alp-Med

Hedysarum grandiflorum

Pall.



300

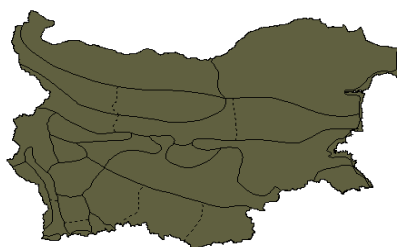


0

Pont-Med

Helianthemum salicifolium

(L.) Mill.



1000

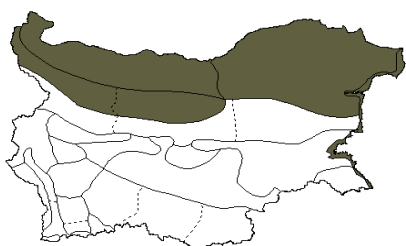


0

subMed

Hedysarum tauricum

Pall. ex Willd.



400

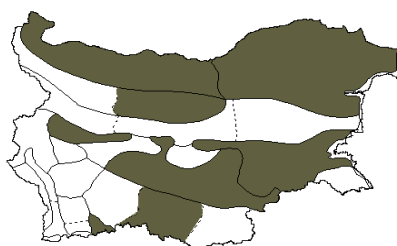


0

Pont

Helianthus tuberosus

L.



1000

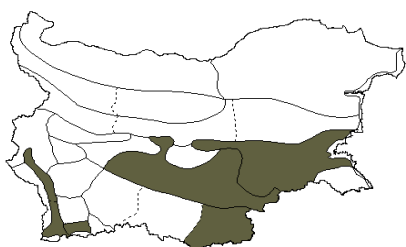


0

Adv (NAm)

Helianthemum aegyptiacum

(L.) Mill.



200

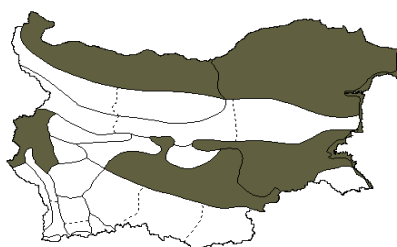


100

Med

Helichrysum arenarium

(L.) Moench



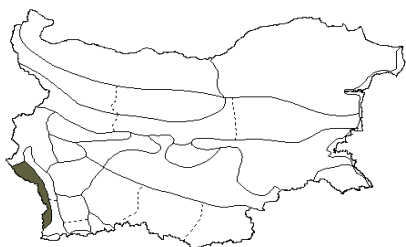
500



0

Eur-Sib

Helichrysum plicatum
DC.



1400

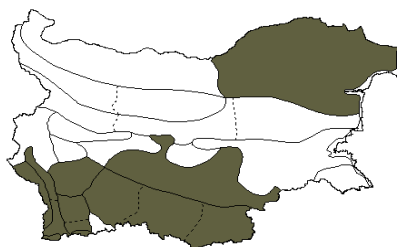


0



Bal-Anat

Helleborus cyclophyllus
(A. Braun) Boiss.



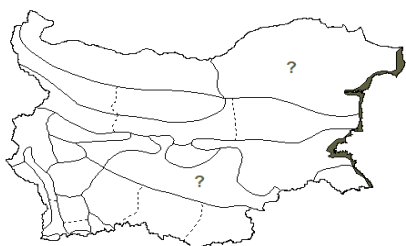
1000



0

subMed

Heliotropium dolosum
De Not.



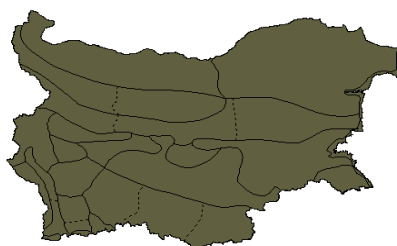
0



0

subMed

Helleborus odorus
Waldst. & Kit.



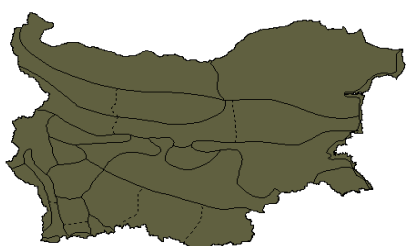
1500



0

Eur-subMed

Heliotropium europaeum
L.



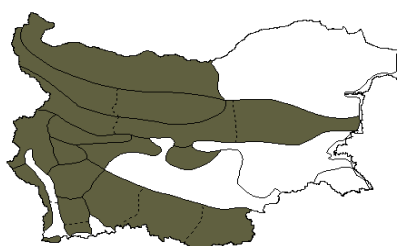
1000



0

subMed

Hepatica nobilis
Mill.



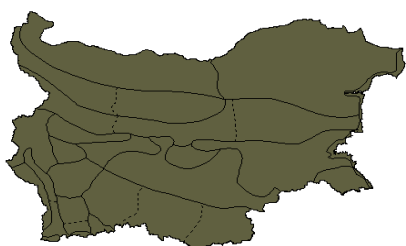
1650



200

Eur-Sib

Heliotropium suaveolens
M. Bieb.



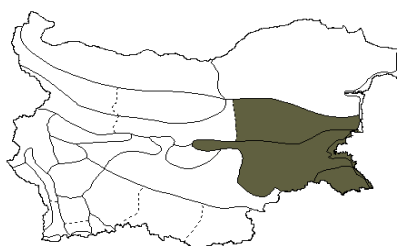
1000



0

subMed

Heptaptera triquetra
(Vent.) Tutin



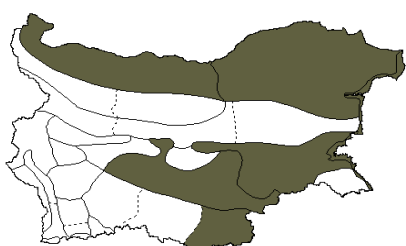
400



0

Bal

Heliotropium supinum
L.



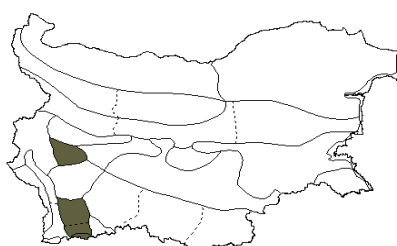
500



0

subMed

Heracleum angustisectum
(Stoj. & Acht.) Peev



2500



2000

Bul

Heracleum sibiricum

L.



1000

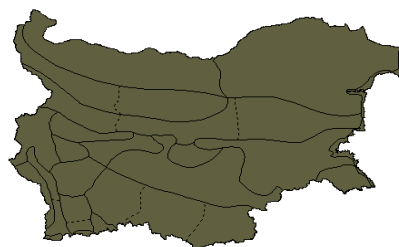


0

Eur-As

Herniaria hirsuta

L.



1200

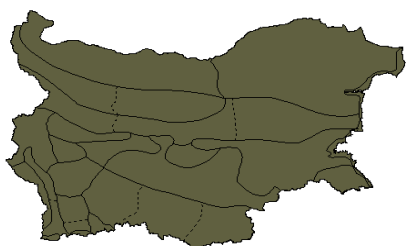


0

Eur-As

Heracleum ternatum

Velen.



2000



0

Med

Herniaria incana

Lam.



1000

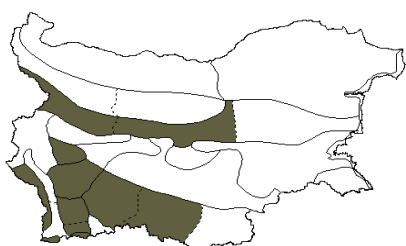


0

Eur-Med

Heracleum verticillatum

Pančić



2500

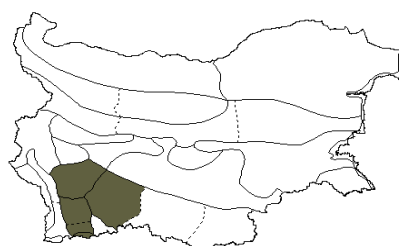


1000

Bal

Herniaria nigrimontium

Herm.



2200

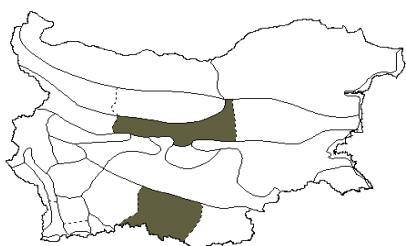


700

Bal

Herminium monorchis

(L.) R. Br.



1400



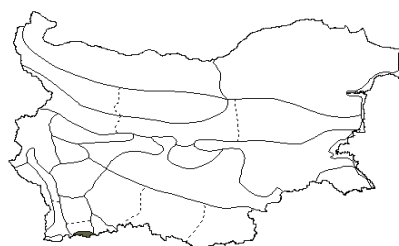
800



Eur-As

Herniaria olympica

J. Gay



1700



1700

Bal-Anat

Herniaria glabra

L.



1500

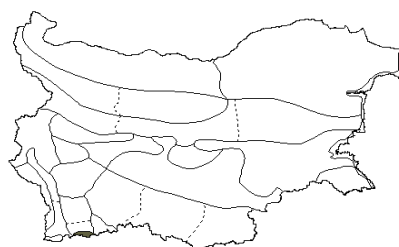


0

Eur-As

Herniaria parnassica

Heldr. & Sart. ex Boiss.



2900

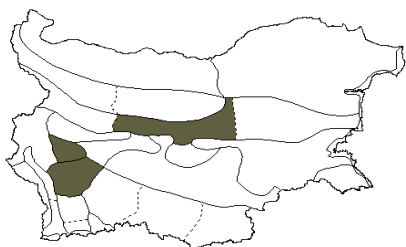


1000

Bal-Aeg

Hesperis dinarica

Beck



2500

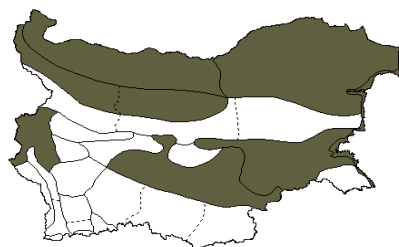


1500

Bal

Hesperis tristis

L.



900

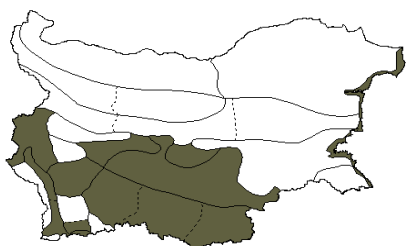


0

Eur

Hesperis laciniata

All.



1300

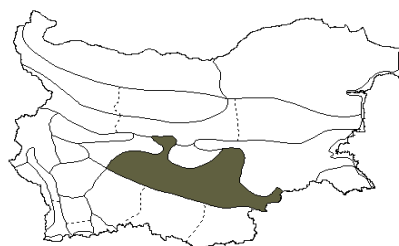


0

subMed

Heteranthera rotundifolia

(Kunth) Grisebach



200

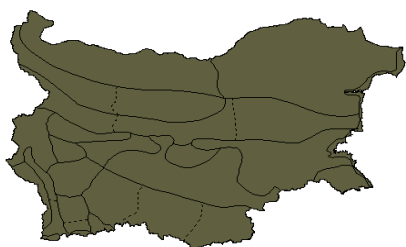


0

Adv (Am)

Hesperis matronalis

L.



1000

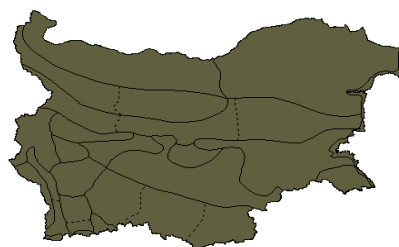


0

Med

Hibiscus trionum

L.



1000



0

Kos

Hesperis sylvestris

Crantz



1000



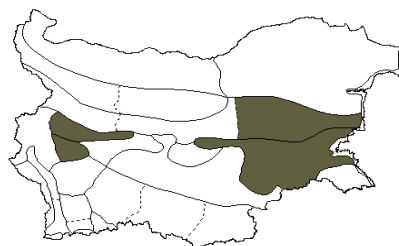
0



Eur

Hieracium acuminatum

Jord.



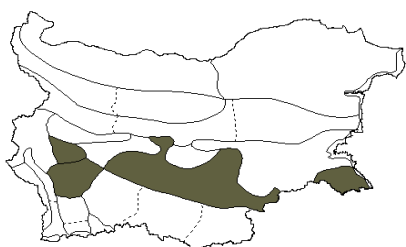
2000



500

Hesperis theophrasti

Borbás



500



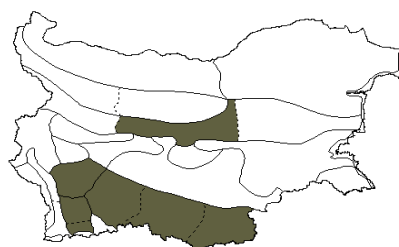
0



Bal

Hieracium alpicola

Schleich. ex Gaudin



2800

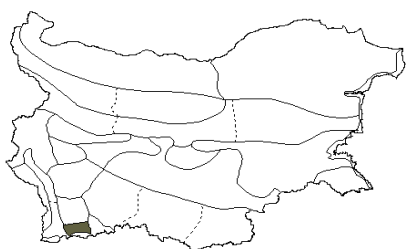


500

Alp-Carp-Bal

Hieracium ancevii

Szelag



1750

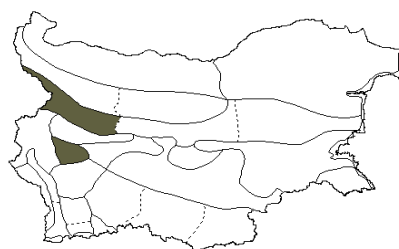


1750

Bul

Hieracium biflorum

Arv. - Touv.



2900

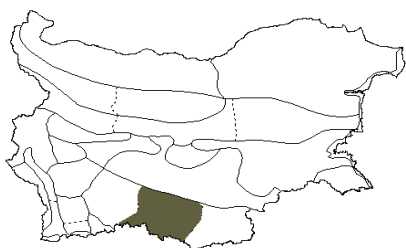


2000

Alp-Bal

Hieracium asenovgradense

Jasiewicz & Pawl.



1400

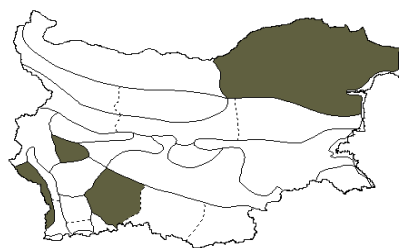


400

Bul

Hieracium brachiatum

Bertol. ex Lam.



1800

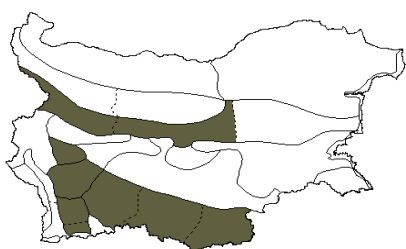


0

Med

Hieracium aurantiacum

L.



2900

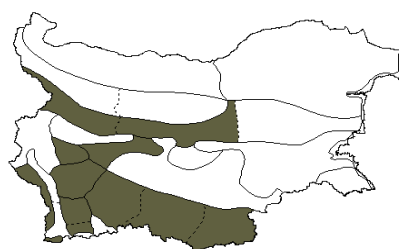


2000

Eur

Hieracium caespitosum

Dumort.



2900

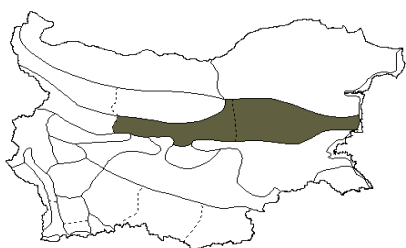


1000

Eur-Sib

Hieracium banaticola

Sudre



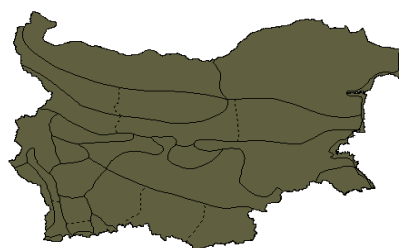
1600



0

Hieracium cymosum

L.



1800

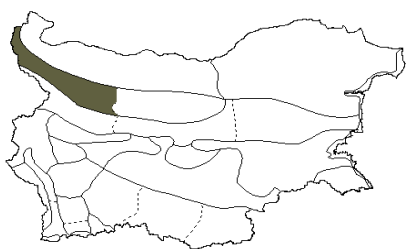


0

Eur-Sib

Hieracium belogradcense

T. Georg. & Kitanov



2000



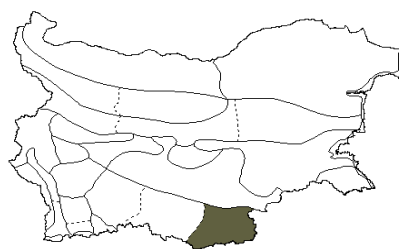
800



Bul

Hieracium densiflorum

Tausch



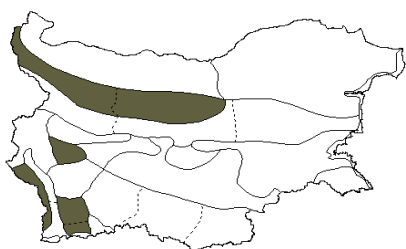
1000



0

Hieracium divaricatum

Fr.



2000

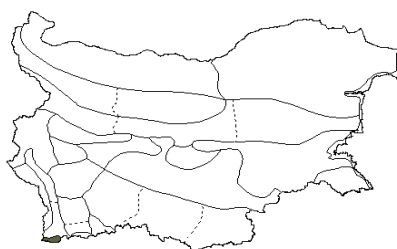


500

Bal

Hieracium erythrocarpum

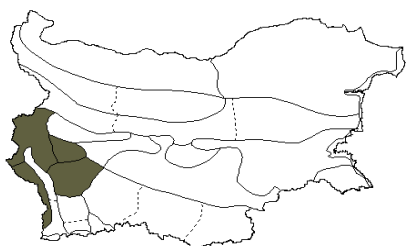
Peter



Bal-OT

Hieracium divergens

Naeg. & Peter



2500

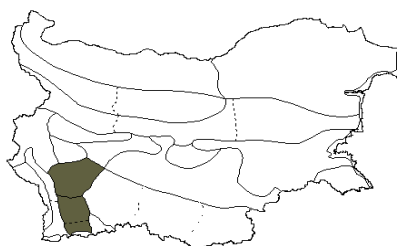


1000

Bul

Hieracium ferdinandii-regis

Zahn



2900

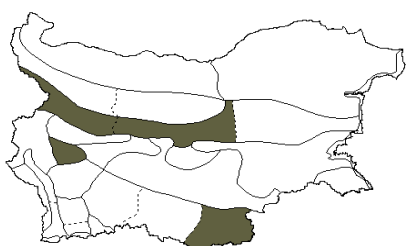


2300

Bul

Hieracium djimilense

Boiss. & Balansa



2700

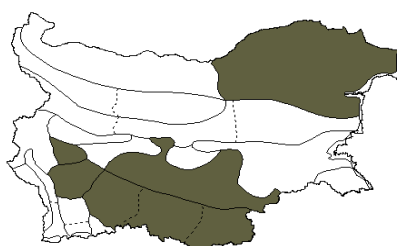


1800

Carp-Bal-Anat

Hieracium florentinoides

Arvet - Tow.



1800

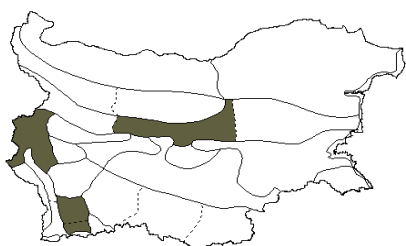


0

Eur-Med

Hieracium dolopicum

Freyh & Sint.



2900

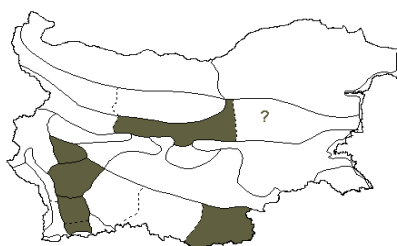


1500

Bal

Hieracium gentile

Jord. ex Boreau



2000

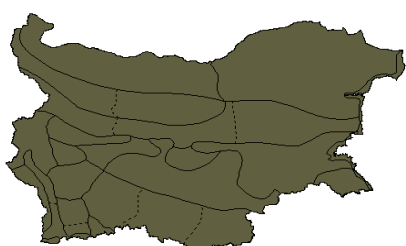


1000

subMed

Hieracium echioides

Lumn.



2900

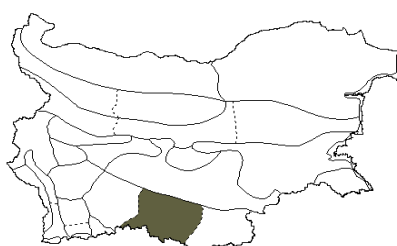


1000

subMed

Hieracium gregorii-bakurianii

S. Bräut.



2000

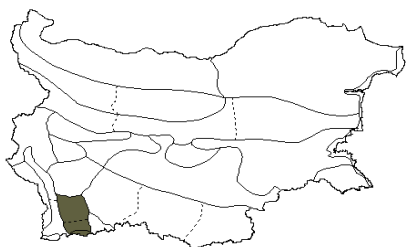


0

Bul

Hieracium grizebachii

A. Kern.



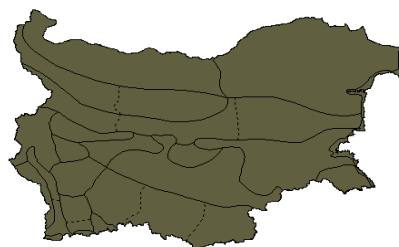
2000



800

Hieracium hoppeanum

Schult.



2500

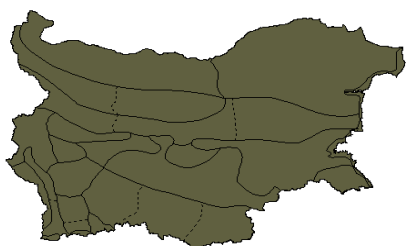


0

Eur-Med

Hieracium halimifolium

Froel ex Fr.



1500

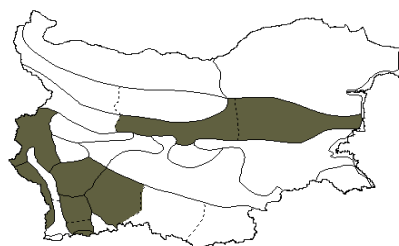


0

subMed

Hieracium jankae

Uechtr.



2900

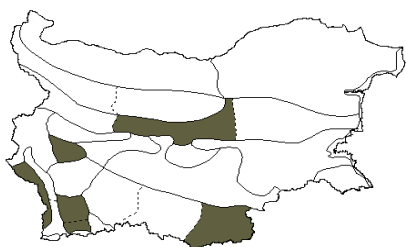


1500

Bal-Dac

Hieracium heldreichii

Boiss.



2800

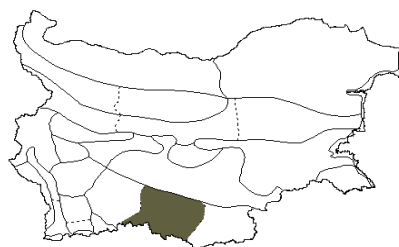


0

Bal

Hieracium kittaniae

Vladimir.



1500

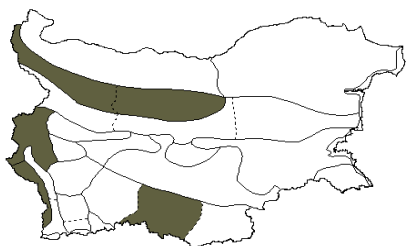


1000

Bul

Hieracium heterogynum

(Froel.) Gut.



2000

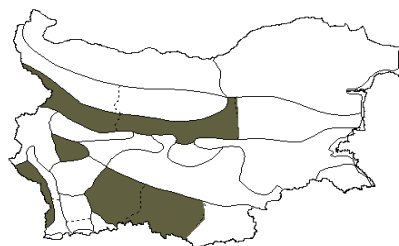


800

Bal

Hieracium klisurae

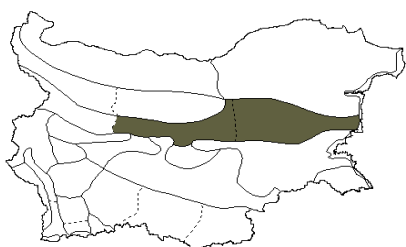
Urum.



Bal

Hieracium heuffelii

Janka



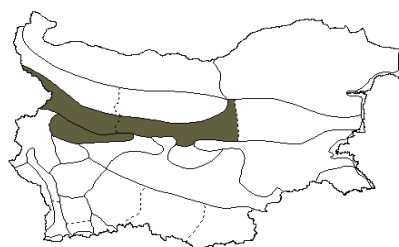
1600



500

Hieracium laevigatum

Willd.



2200



1500

SPont

Hieracium latifolium

Froelich ex Link



1500

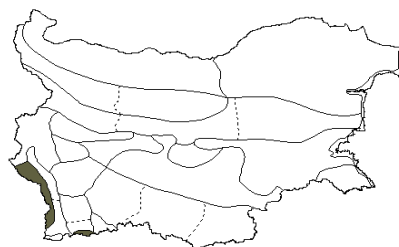


0

subMed

Hieracium marotii

T. Georg. & Zahn



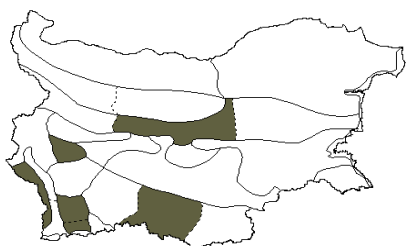
2000



1500

Hieracium laurinum

Arvet - Tow.



2000

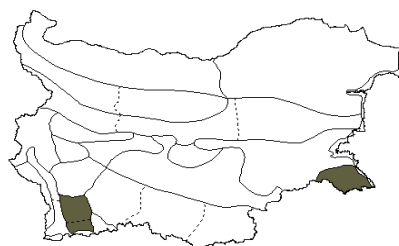


1500

subMed

Hieracium mattfeldianum

Zahn



2500

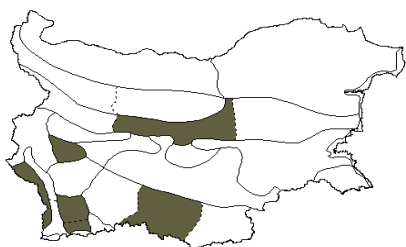


1000

Bal

Hieracium leithneri

(Heldr. & Sart. ex Boiss.) Zahn



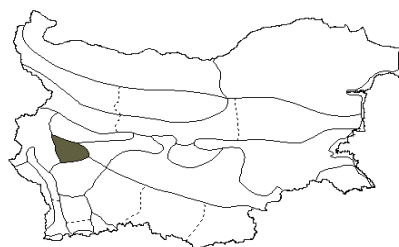
2000



1800

Hieracium medschedsense

Zahn



2000

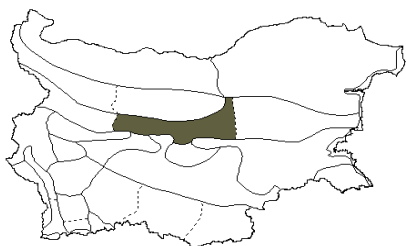


1800

Pont

Hieracium maculatum

Sm.



2900

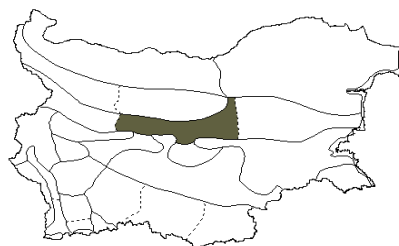


1500

Eur-As

Hieracium merxmullerianum

S. Bräut.



2000

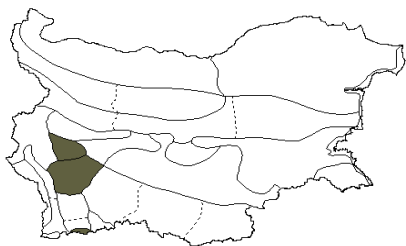


500

Bul

Hieracium marmoreum

Pančić & Vis.



2500

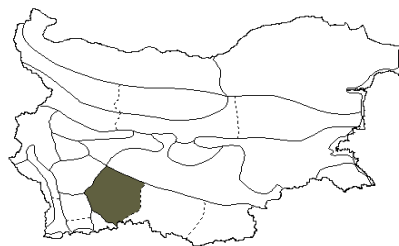


1000

Bal

Hieracium muricellum

Griseb.



2200

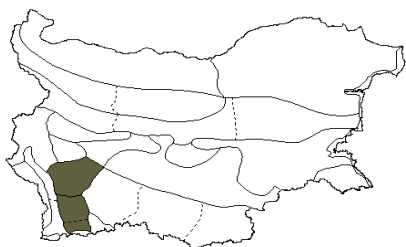


1500

Bal-Anat

Hieracium naegelianum

Pančić

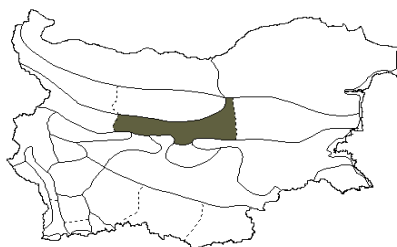


2800
↕
2500

Bal-Ap

Hieracium oxyodon

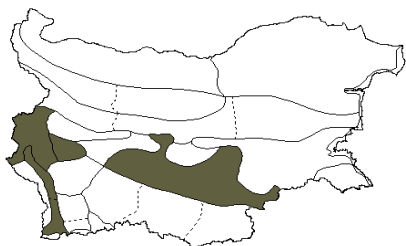
Fr.



2900
↕
1500

Hieracium neodivergens

Gottschl.

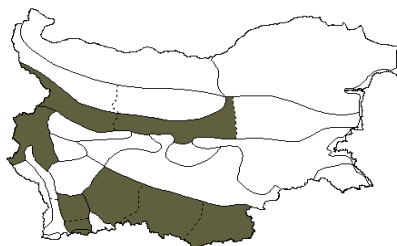


↕

Bal

Hieracium pannosum

Boiss.

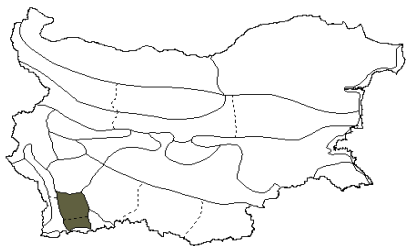


2900
↕
2000

Bal-Anat

Hieracium nipholasum

T. Georg. & Zahn

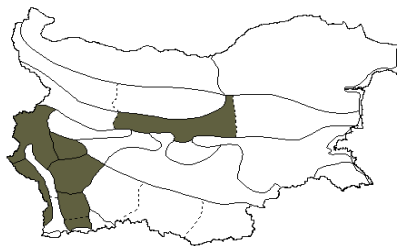


2500
↕
1000

Bul

Hieracium pavichii

Heuff.

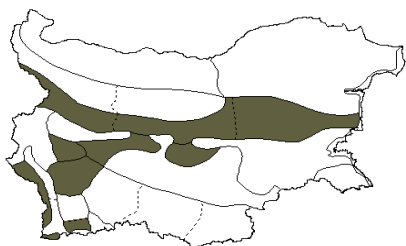


2600
↕
0

Bal-Dac

Hieracium olympicum

Boiss.

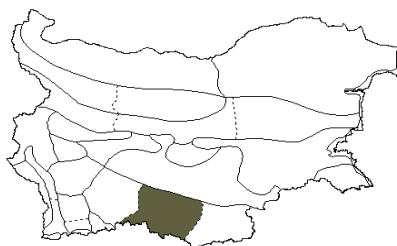


2000
↕
1800

Bal-Anat

Hieracium petrovae

Vladimir. & Szelag

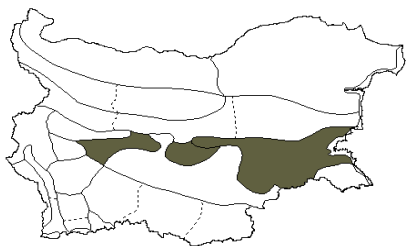


1700
↕
1000

Bul

Hieracium ossaeum

Zahn

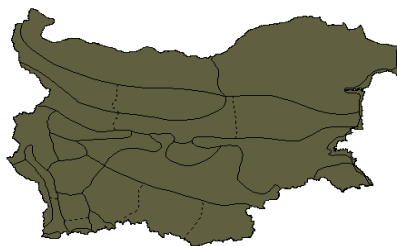


2500
↕
1000

Bal

Hieracium pilosella

L.

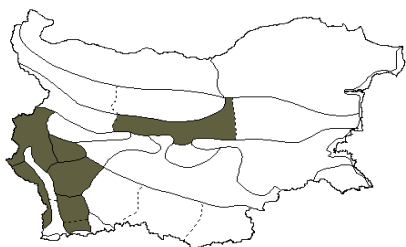


2000
↕
0

Eur-Med

Hieracium piloselloides

Vill.



2600

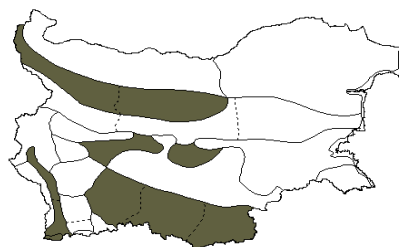


0

subMed

Hieracium praecurrens

Vuk.



2000

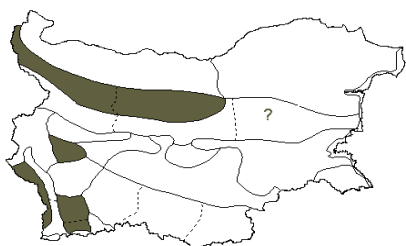


1000

Alp-Bal

Hieracium pilosissimum

Friv.



2000

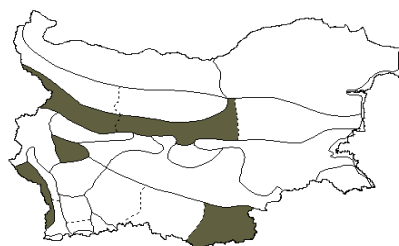


0

Bal-Anat

Hieracium pseuderiopus

Zahn



2200

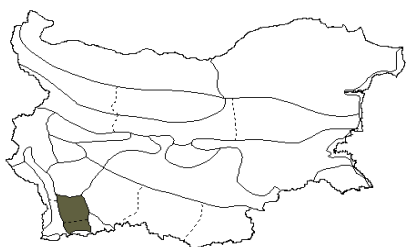


1500

Bal

Hieracium pirinicola

T. Georg. & Zahn



2000

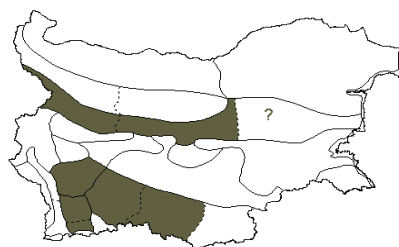


0

Bul

Hieracium pseudopilosella

Ten.



2900

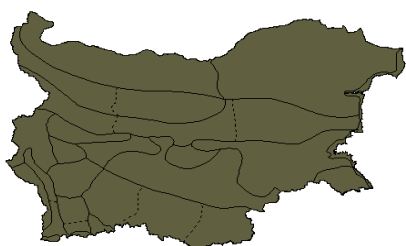


2000

Med

Hieracium praealtum

Vill. ex Goch.



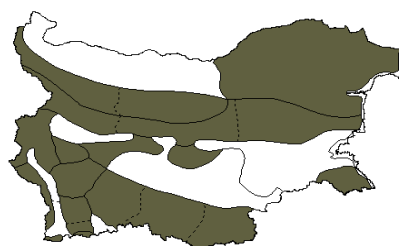
1500



0

Hieracium racemosum

Waldst. & Kit.



1800

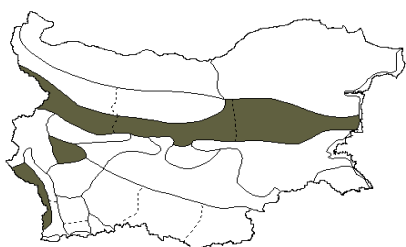


1000

Eur-Med

Hieracium praecox

Sch.Bip.



2000

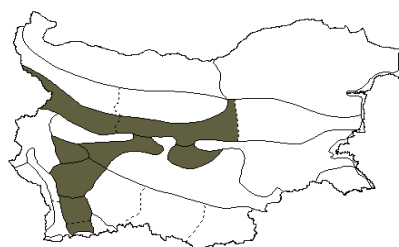


1800

subMed

Hieracium retyezatense

Degen & Zahn



2000

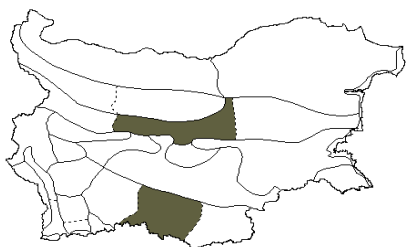


1000

Alp-Carp-Bal

Hieracium ruprechtii

Boiss.



2900

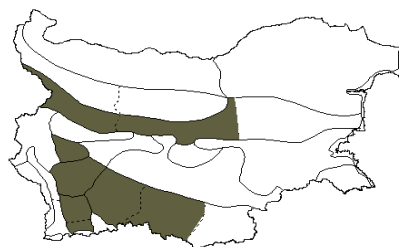


1000

Ap-Bal

Hieracium schultzianum

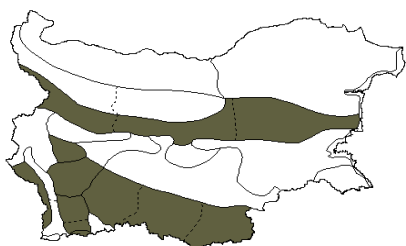
Pančić & Vis.



Bal

Hieracium sabaudum

L.



2000

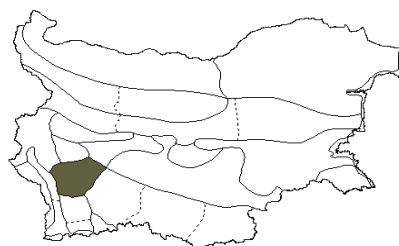


1500

Eur-Med

Hieracium semisilvaticum

(Zahn) P. D. Sell



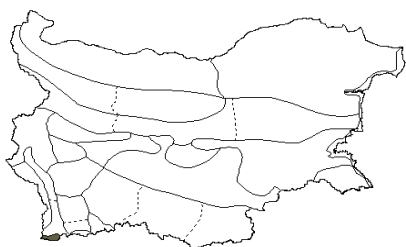
2000



1000

Hieracium sartorianum

Boiss.



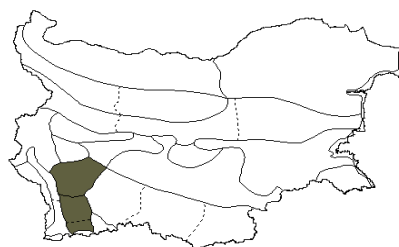
2000



1900

Hieracium sericophyllum

Nejceff



2900

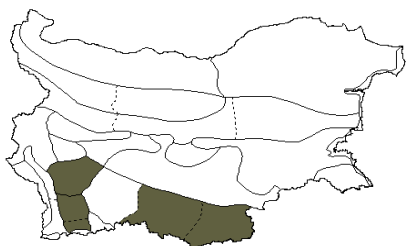


1500

Bal-Anat

Hieracium scardicum

Bornm. & Zahn



2500

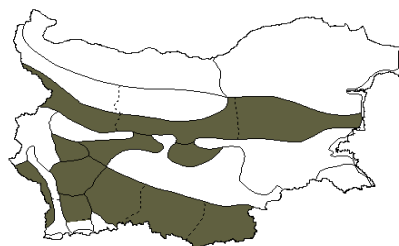


1000

Bal

Hieracium sparsum

Friv.



2800

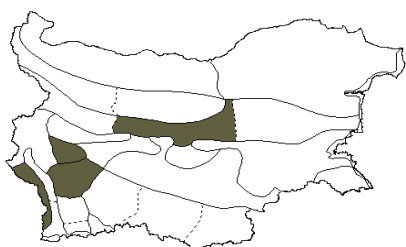


2000

subMed

Hieracium schmidtii

Tausch



2500

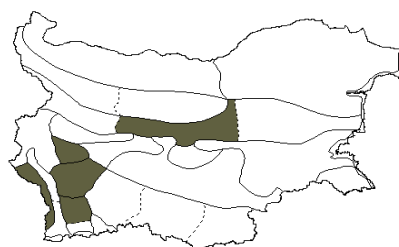


2000

Eur-Med

Hieracium stefanoffii

Zahn



2500

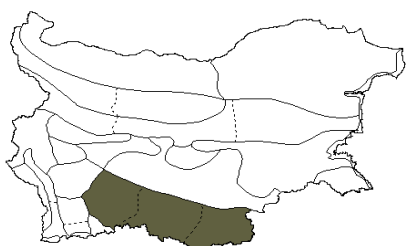


1000

Bul

Hieracium tephrocephalum

Vuk.



2900

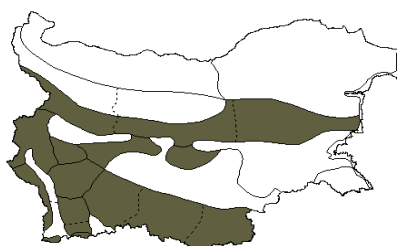


1000

Hybr

Hieracium umbellatum

L.



2000

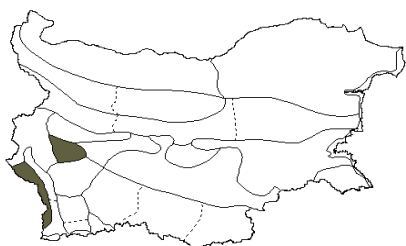


1600

Boreal

Hieracium tommassinii

Rchb.



1500

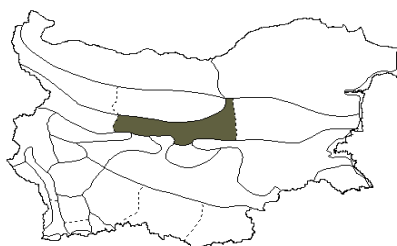


0

Bal

Hieracium urumoffii

Nejceff & Zahn



2900

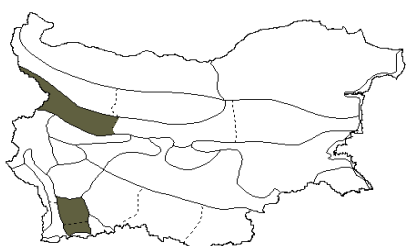


1000

Bul

Hieracium transylvanicum

Heuff.



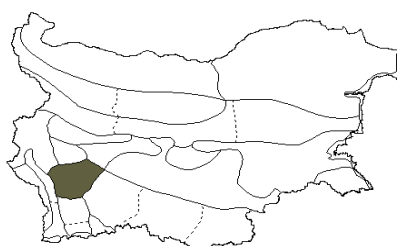
2000



0

Hieracium vandasii

Frein.



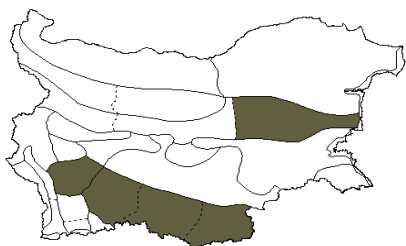
2000



1800

Hieracium trebevicianum

K. Maly



2000

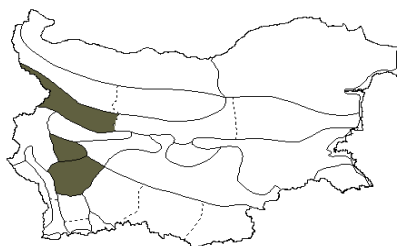


1800

Alp-Carp-Bal

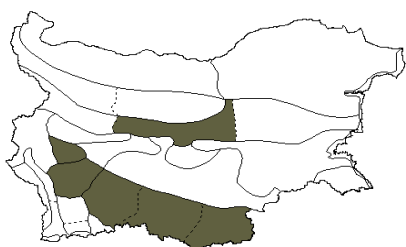
Hieracium velenovskyi

Freyn



Hieracium tschamkorijense

Zahn



2000

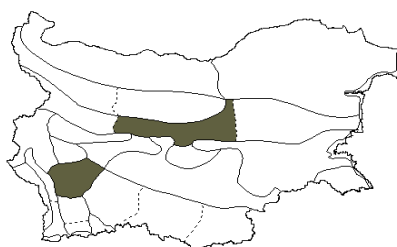


500

Bal-Alp

Hieracium villosum

L.



2800

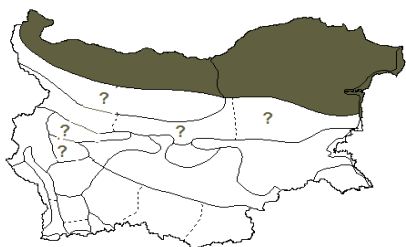


1600

Alp-App-Bal

Hieracium virosum

Pall.



600

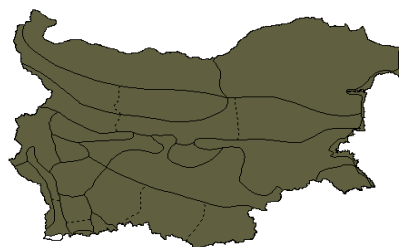


0

Pont-Sib

Himantoglossum caprinum

(M. Bieb.) Spreng.



1000



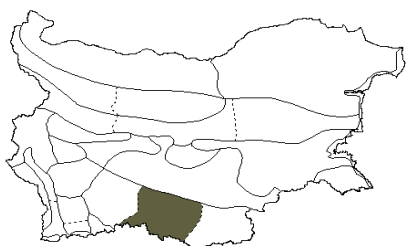
0



Med

Hieracium wernerii

Szelag



1500

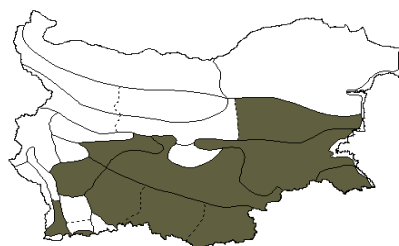


1400

Bul

Hippocrepis ciliata

Willd.



600

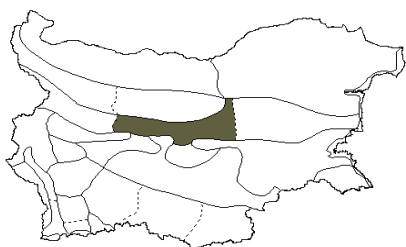


0

subMed

Hieracium wolffii

Zahn



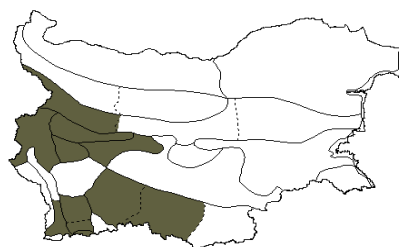
0



0

Hippocrepis comosa

L.



2200

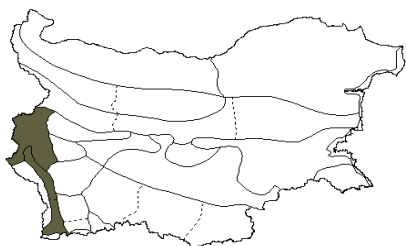


0

subMed

Hierochloa australis

(Schrad.) Roem. & Schult.



500

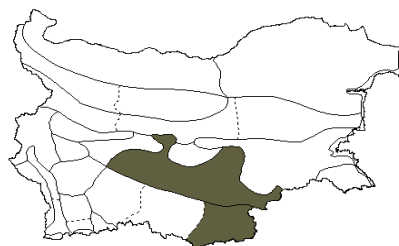


0

Eur

Hippocrepis unisiliquosa

L.



300

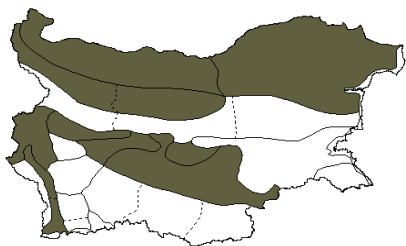


300

Med

Hierochloa repens

(Host) Simonk.



700

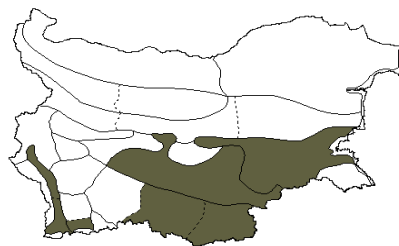


0

Boreal

Hippomarathrum cristatum

(DC.) Boiss.



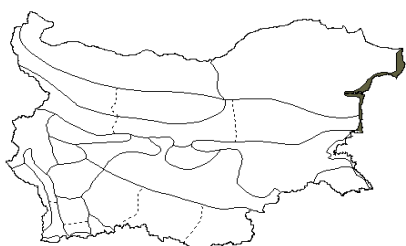
300



0

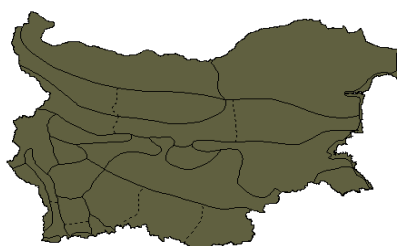
Med

Hippophae rhamnoides
L.



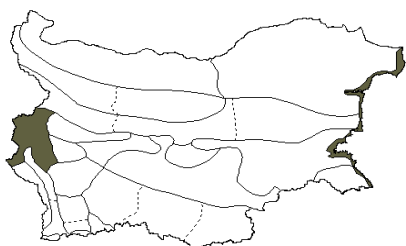
0
⇕
0
!
Eur-As

Holosteum umbellatum
L.



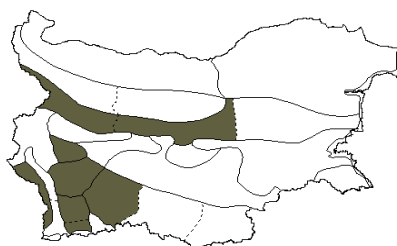
1100
⇕
0
Eur-As

Hippuris vulgaris
L.



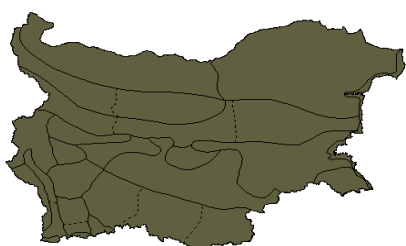
500
⇕
0
!
Boreal

Homogyne alpina
(L.) Cass.



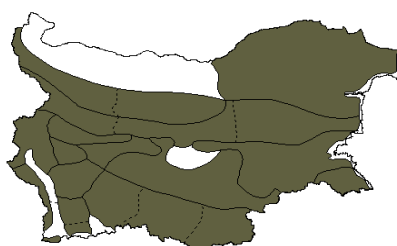
2500
⇕
0
Alp-Carp-Bal

Holcus lanatus
L.



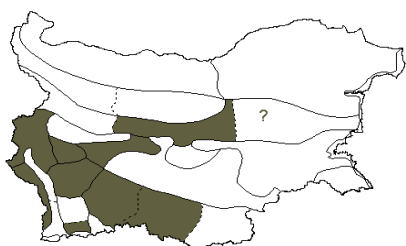
1500
⇕
0
Eur

Hordelymus europaeus
(L.) Harz



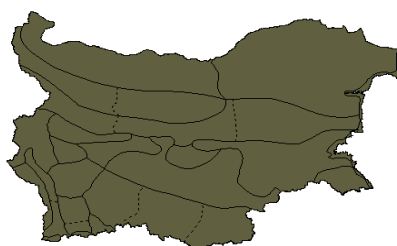
2000
⇕
0
Eur-subMed

Holcus mollis
L.



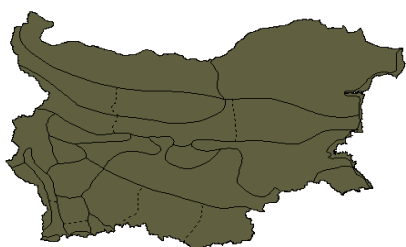
1400
⇕
0
Eur

Hordeum bulbosum
L.



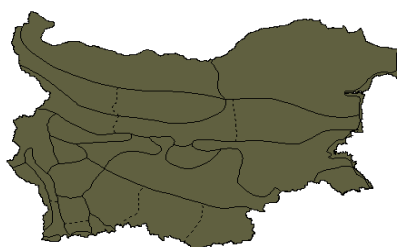
1000
⇕
0
Eur-As

Holoschoenus vulgaris
Link



1800
⇕
0
Eur-As

Hordeum hystrix
Roth



1000
⇕
0
Eur-As

Hordeum leporinum

Link



1000

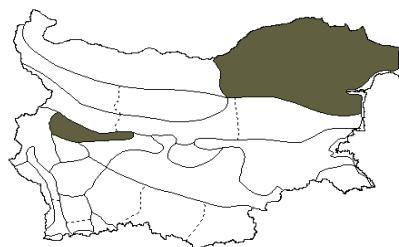


0

Med-CAs

Hottonia palustris

L.



500



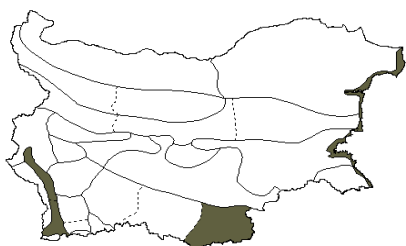
0



Boreal

Hordeum marinum

Huds.



500

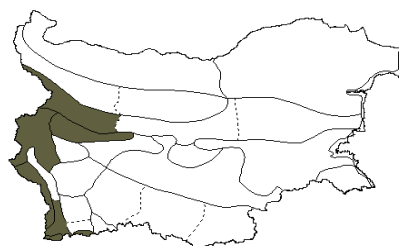


0

Med-CAs

Huetia cynapioides

(Guss.) P. W. Ball



1800

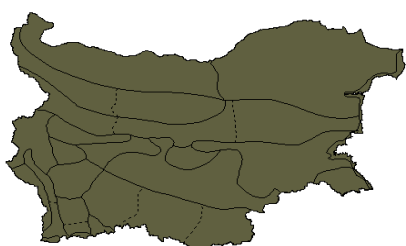


0

Ap-Bal

Hordeum murinum

L.



1000

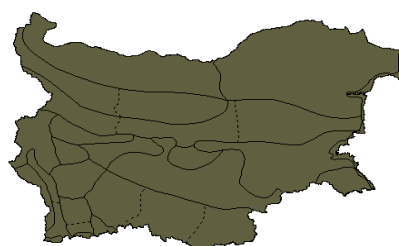


0

Boreal

Humulus lupulus

L.



1000

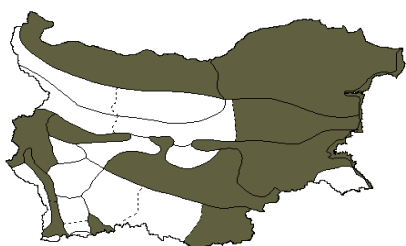


0

Eur-Sib

Hordeum secalinum

Schreb.



1000

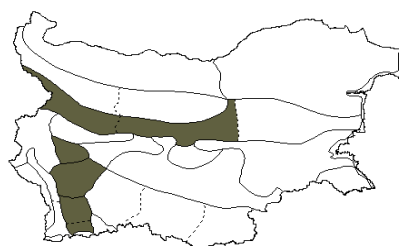


0

Boreal

Huperzia selago

(L.) Bernh. ex Schrank & Mart.



2800

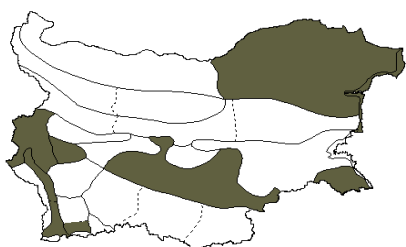


1500

Kos

Hornungia petraea

(L.) Reichenb.



800

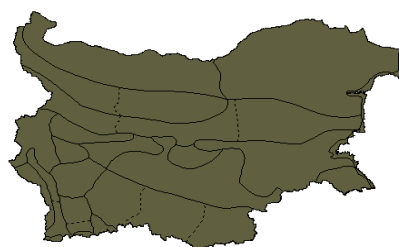


0

Eur-subMed

Hyacinthella leucophaea

(Steven ex Kunth) Schur



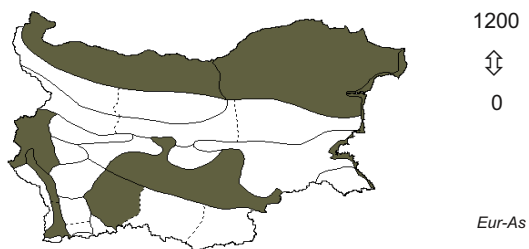
1500



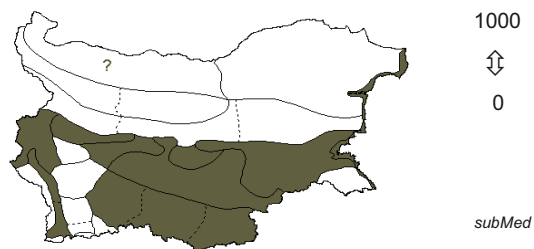
0

Pont-Med

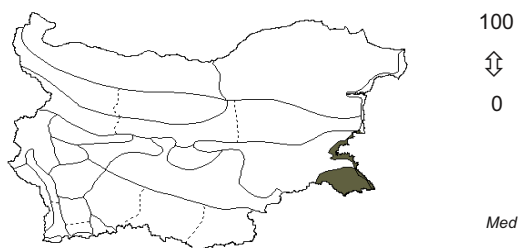
Hydrocharis morsus-ranae
L.



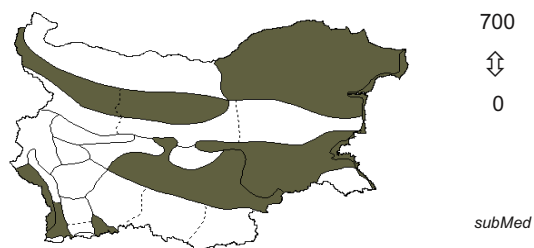
Hypocoum imberbe
Sm.



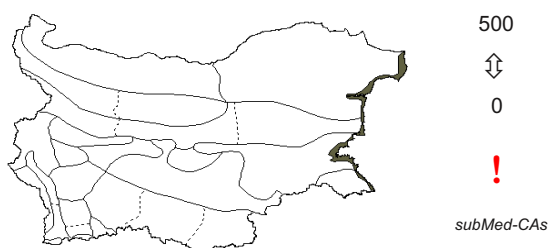
Hymenocarpus circinatus
(L.) Savi



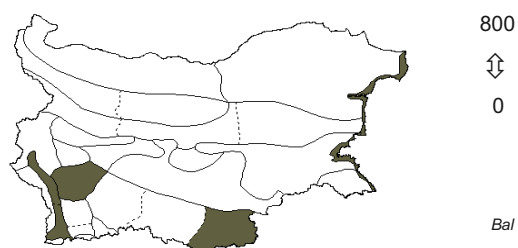
Hypocoum pendulum
L.



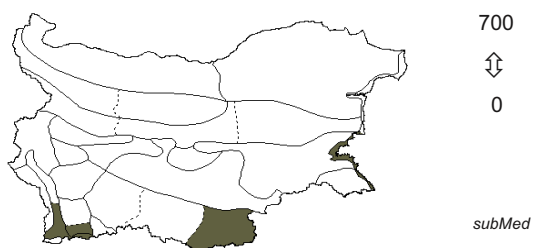
Hymenolobus procumbens
(L.) Nutt.



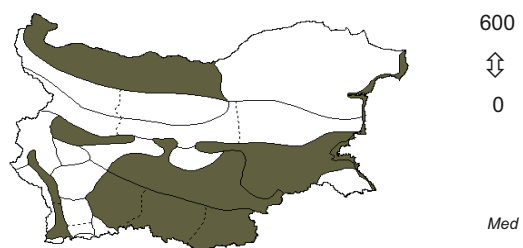
Hypocoum ponticum
Velen.



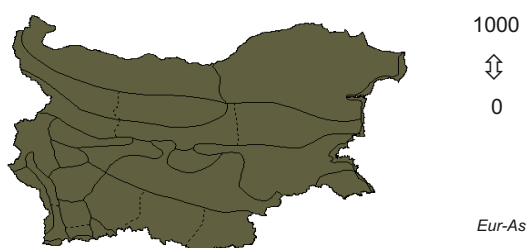
Hyoscyamus albus
L.



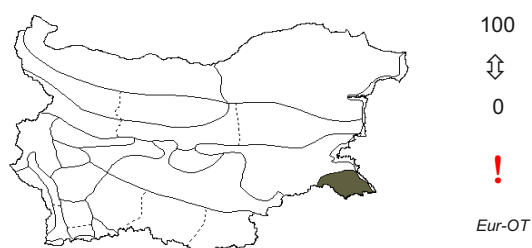
Hypocoum procumbens
L.



Hyoscyamus niger
L.



Hypericum androsaemum
L.



Hypericum annulatum

Moris



1800

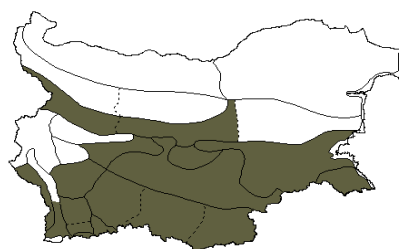


0

Med

Hypericum cerastoides

(Spach) N. Robson



1700

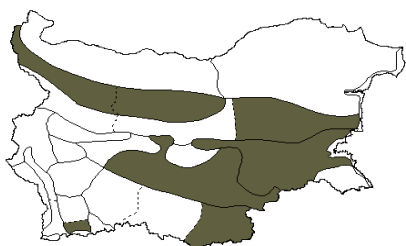


0

subMed

Hypericum aucheri

Jaub. & Spach



800

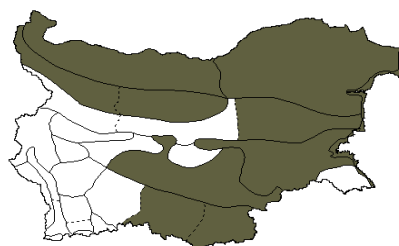


0

subMed

Hypericum elegans

Stephan ex Willd.



800

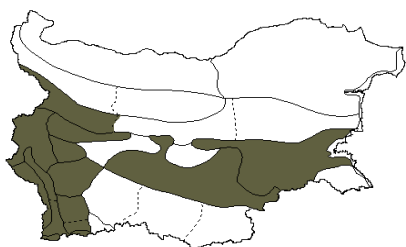


0

Eur-Sib

Hypericum barbatum

Jacq.



1200

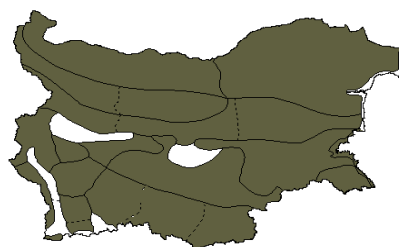


0

subMed

Hypericum hirsutum

L.



1000

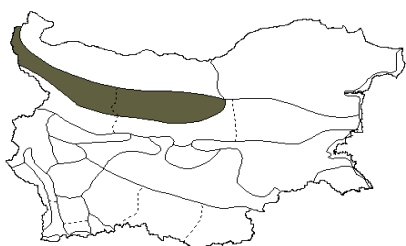


0

Eur-Sib

Hypericum boissieri

Petrovič



400



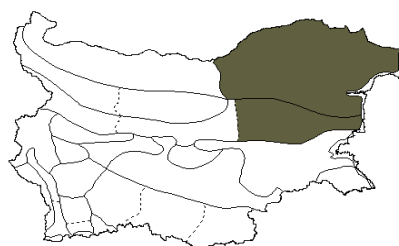
0



Bal

Hypericum hyssopifolium

Chaix



700

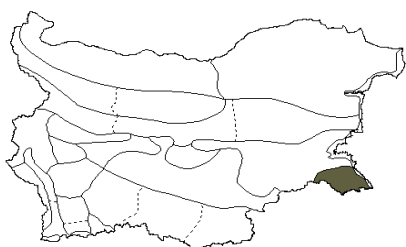


0

subMed

Hypericum calycinum

L.



100



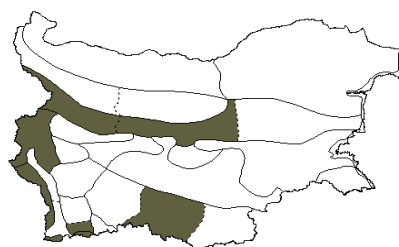
0



Pont-Med

Hypericum linarioides

Bosse



2500



1400

Pont-Med

Hypericum maculatum

Crantz



2000

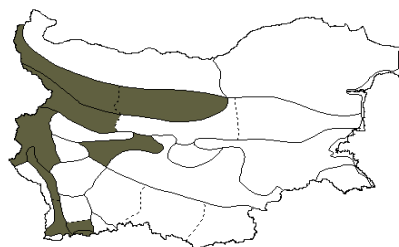


0

Boreal

Hypericum rochelii

Griseb. & Schenk



1000

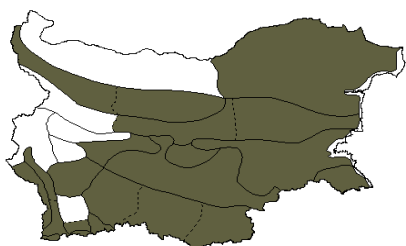


0

Bal-Dac

Hypericum montbretii

Spach



1800

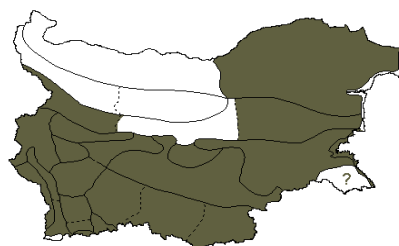


0

subMed

Hypericum rumeliacum

Boiss.



1000

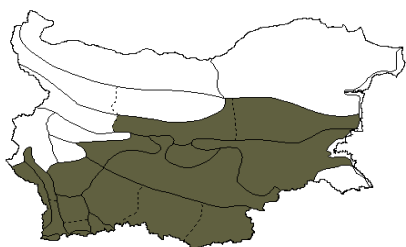


0

subBal

Hypericum olympicum

L.



1500

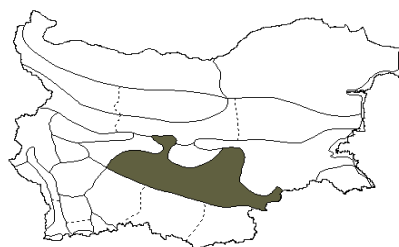


300

subMed

Hypericum setiferum

Stef.



900



0



Bul

Hypericum perforatum

L.



2000



0

Kos

Hypericum tetrapterum

Fr.



1000

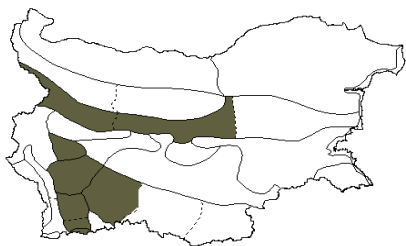


0

Eur-Sib

Hypericum richeri

Vill.



1000

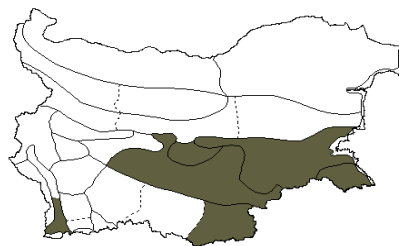


0

subMed

Hypericum thasium

Griseb.



1000



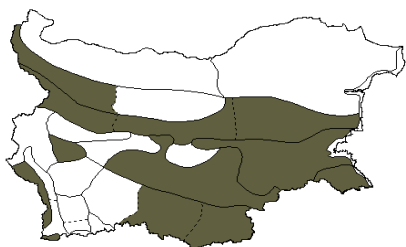
0



Bal

Hypericum umbellatum

A. Kern.



1000

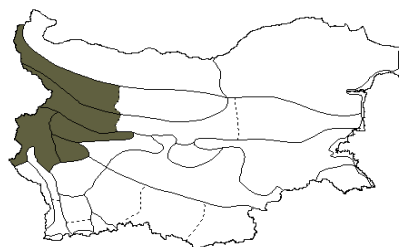


0

subBal

Hyssopus officinalis

L.



1000

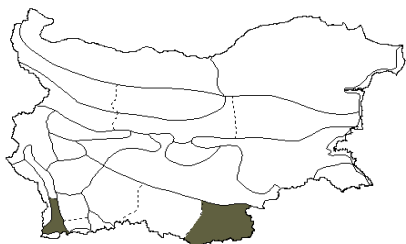


500

Eur-As

Hypochaeris cretensis

(L.) Bory & Chaub.



1000

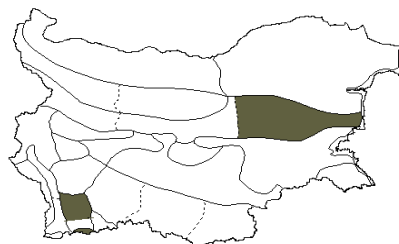


0

Med

Iberis saxatilis

L.



2500



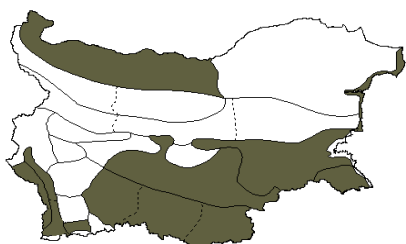
1400



Med

Hypochaeris glabra

L.



1000

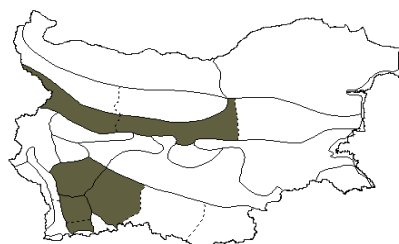


0

Eur-Med

Iberis sempervirens

L.



2300

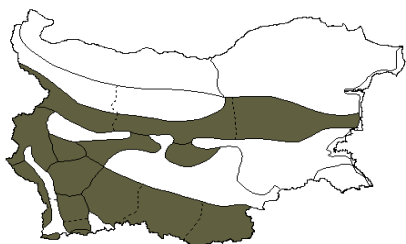


1500

Bal-Anat

Hypochaeris maculata

L.



2500

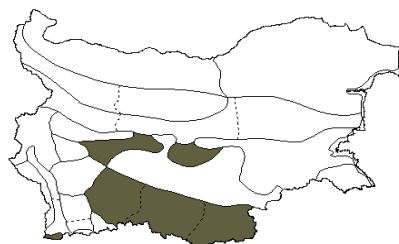


1500

Eur-Sib

Ilex aquifolium

L.



1200



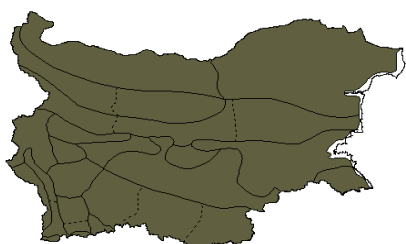
400



subMed

Hypochaeris radicata

L.



2000

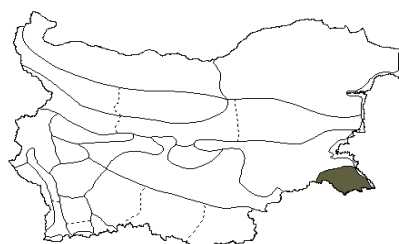


500

Eur-Med

Ilex colchica

Poj.



400



200



Pont

Impatiens balfourii

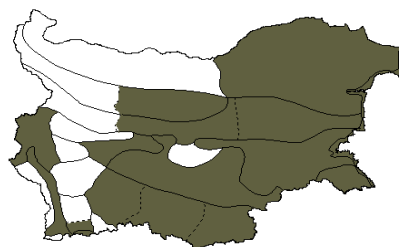
Hook. f.



⇕

Inula aschersoniana

Janka



1000

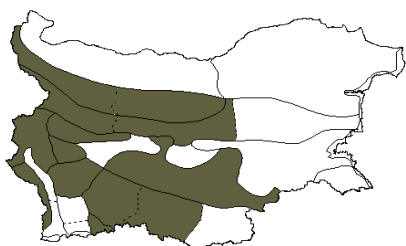
⇕

0

Bal-Anat

Impatiens glandulifera

Royle



1400

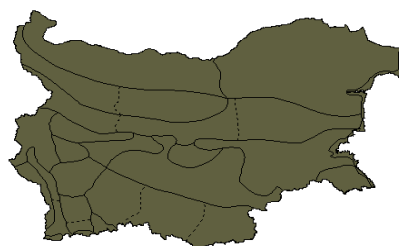
⇕

0

Adv

Inula bifrons

(L.) L.



1000

⇕

0

Eur-Med

Impatiens noli-tangere

L.



1600

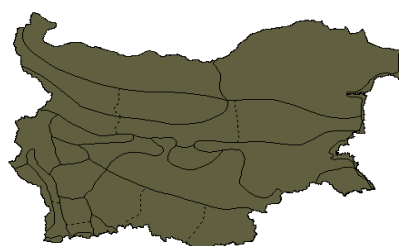
⇕

400

Eur-As

Inula britannica

L.



2900

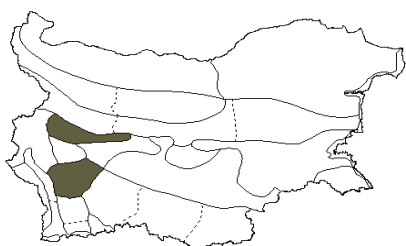
⇕

1000

Eur-Med

Impatiens parviflora

DC.



1500

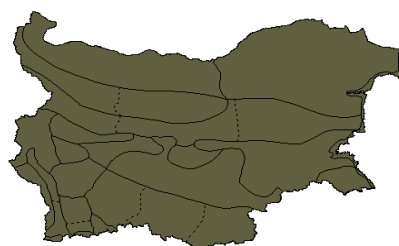
⇕

1000

Adv (Eur-As)

Inula conyza

L.



1000

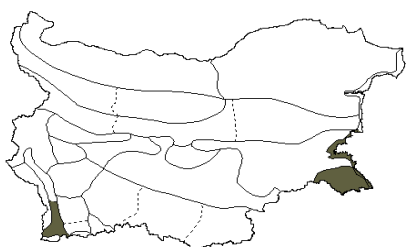
⇕

0

Eur-Med

Imperata cylindrica

(L.) Raeusch.



300

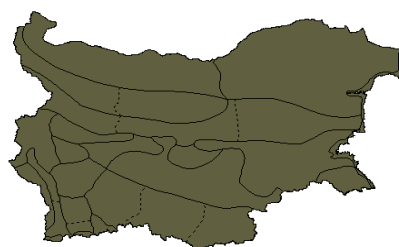
⇕

0

Med-CAs

Inula ensifolia

L.



2000

⇕

1000

Eur-Med

Inula germanica
L.



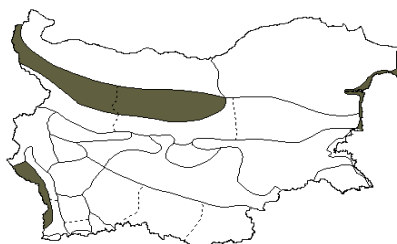
2000



0

subMed

Inula spiraeifolia
L.



500

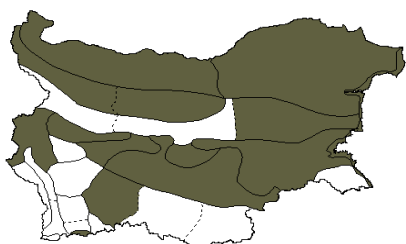


0



Med

Inula helenium
L.



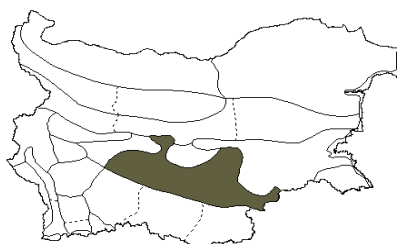
1000



0

Eur-Med

Inula thapsoides
(M. Bieb. ex Willd.) Spreng.



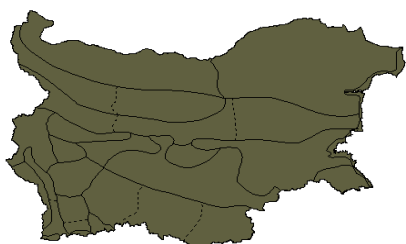
1000



0

Pont-OT

Inula hirta
L.



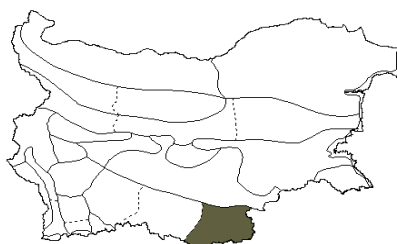
1000



0

Eur-Sib

Iris aphylla
L.



700



0



Pont-Anat

Inula oculus-christi
L.



1000



0

Eur-Med

Iris graminea
L.



1000



0

Pont-Med

Inula salicina
L.



1000



0

Eur-As

Iris pseudacorus
L.



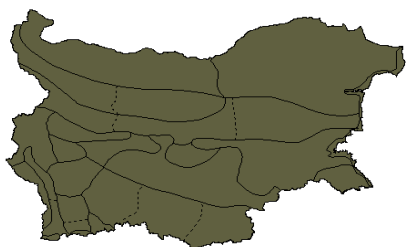
1000



0

Eur

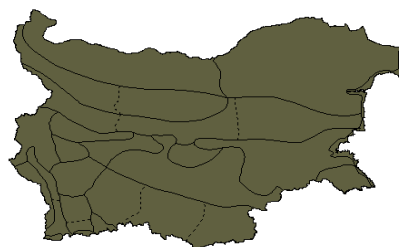
Iris pumila
L.



1000
⇕
0

subMed

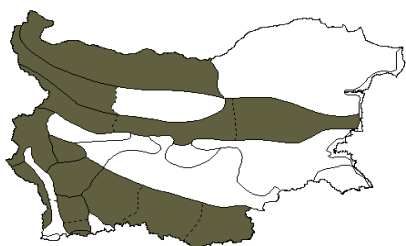
Iris variegata
L.



2900
⇕
0

subMed

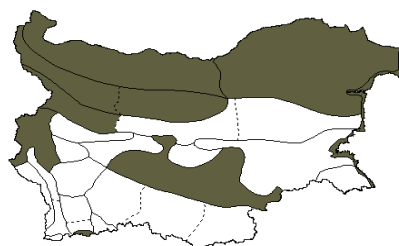
Iris reichenbachii
Heuff.



2200
⇕
0

Bal-Dac

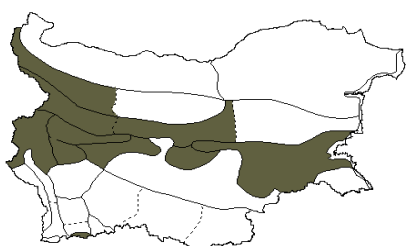
Isatis praecox
Kit. ex Tratt.



700
⇕
0

subMed

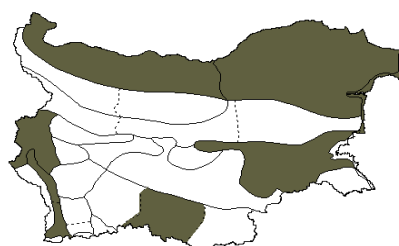
Iris sibirica
L.



1300
⇕
0

Pont-Sib

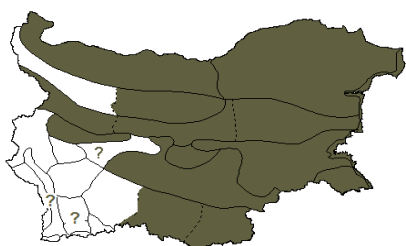
Isatis tinctoria
L.



300
⇕
0

Eur-As

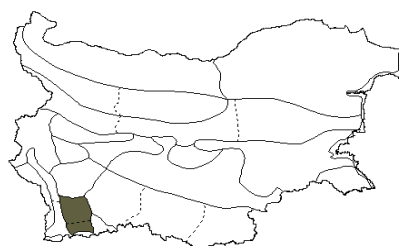
Iris sintenisii
Janka



1000
⇕
0

Med

Isoetes lacustris
L.

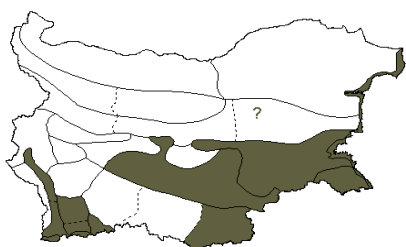


2700
⇕
1900



Boreal

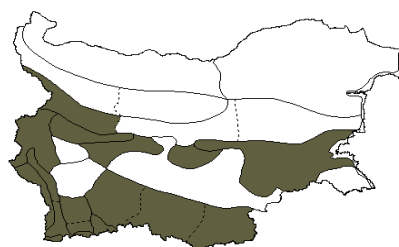
Iris suaveolens
Boiss. & Reut.



1000
⇕
0

Bal-Anat

Isolepis setacea
(L.) R. Br.

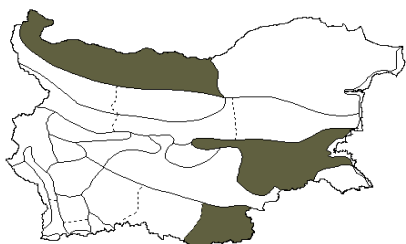


1000
⇕
0

Kos

Isolepis supina

(L.) R. Br.



100

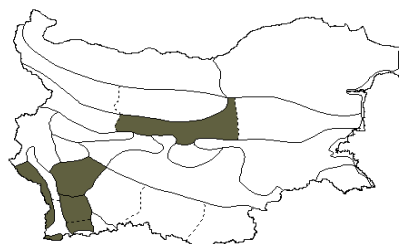


0

Boreal

Jasione laevis

Lam.



2800



1900

Bal-Anat

Isopyrum thalictroides

L.



1200



0

Eur

Jasione montana

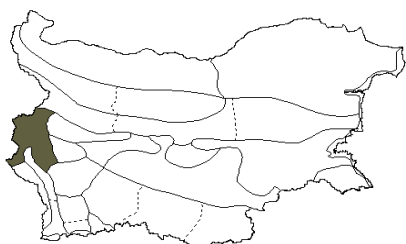
L.



Eur-Cauc

Iva xanthifolia

Nutt.



500

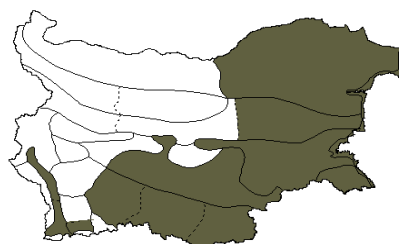


0

Adv (NAm)

Jasminum fruticans

L.



1000

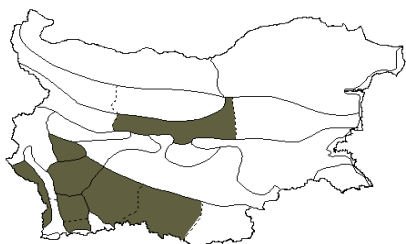


0

Pont-CAs

Jasione bulgarica

Stoj. & Stef.



2700



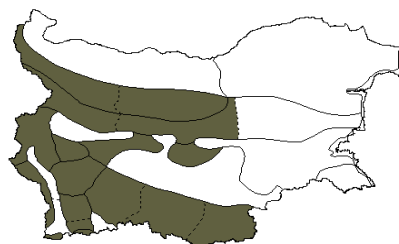
1900



Bul

Jovibarba heuffelii

(Schott) A. & D. Löve



2200

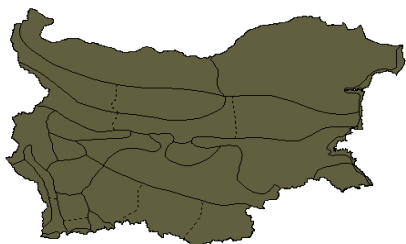


600

Carp-Bal

Jasione heldreichii

Boiss. & Orph.



1500

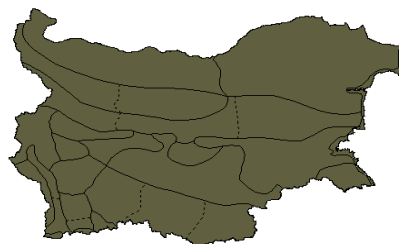


0

Eur-Med

Juglans regia

L.



1000

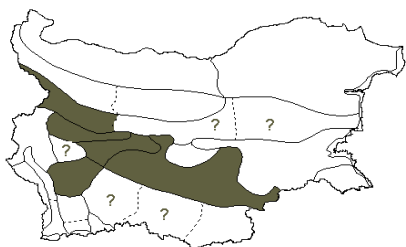


0

Eur-As/Paleo

Juncus acutiflorus

Ehrh. ex Hoffm.



300

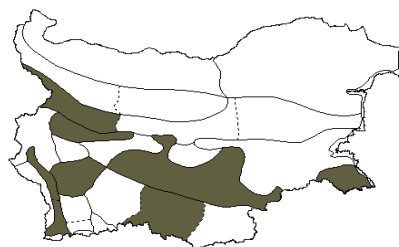


0

Eur

Juncus capitatus

Weigel



1000

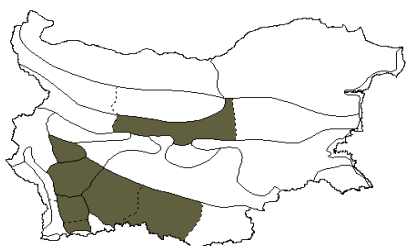


0

subMed

Juncus alpinus

Vill.



2900



2000

Eur-NAm

Juncus compressus

Jacq.



1000

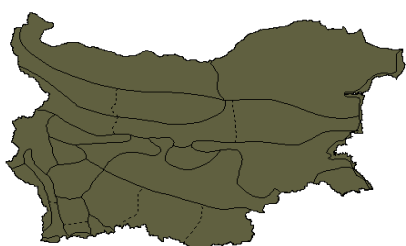


0

Eur-As

Juncus articulatus

L.



2900

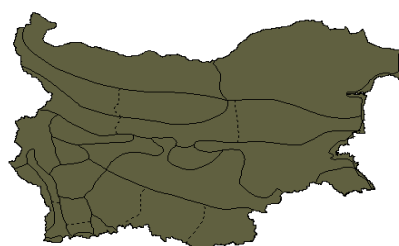


0

Boreal

Juncus conglomeratus

L.



1800

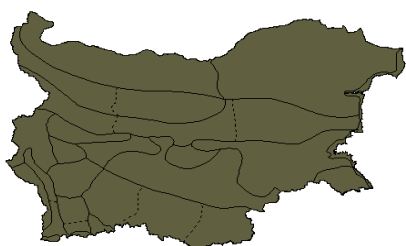


0

Eur

Juncus atratus

Krock.



1500

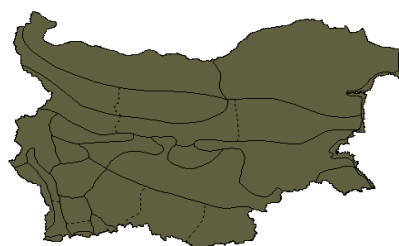


0

subMed

Juncus effusus

L.



1600

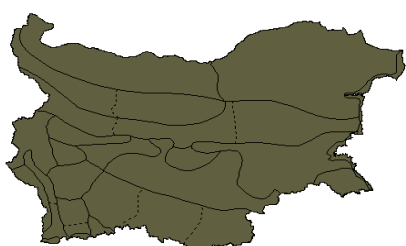


0

subBoreal

Juncus bufonius

L.



2000

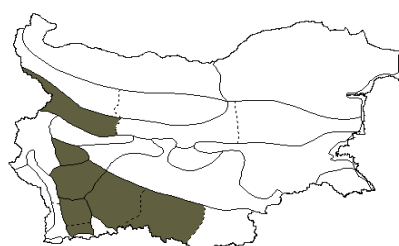


0

subBoreal

Juncus filiformis

L.



2900

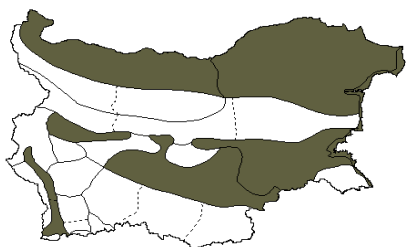


1800

Kos

Juncus gerardii

Loisel.



700

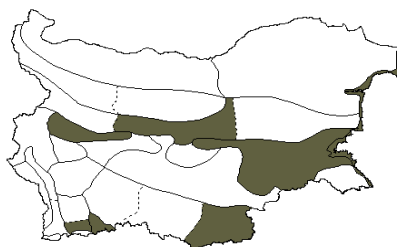


0

Boreal

Juncus ranarius

Song. & Perr. ex Bill.



500



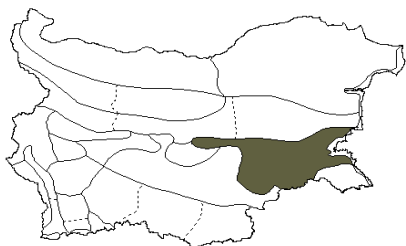
0



Eur

Juncus hybridus

Brot.



400

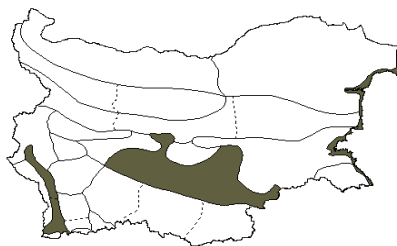


0

Med

Juncus subnodulosus

Schrank



1000



0

subMed

Juncus inflexus

L.



1500

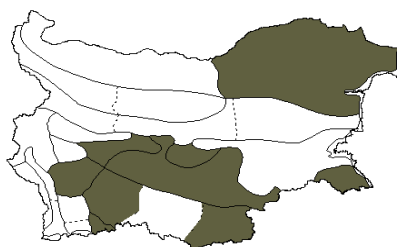


0

subBoreal

Juncus tenageia

L. f..



1000

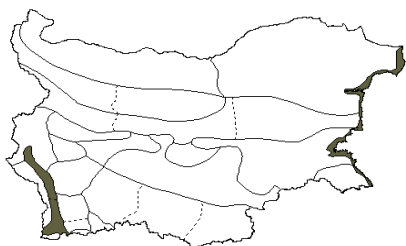


0

Eur-Sib

Juncus littoralis

C. A. Mey.



300

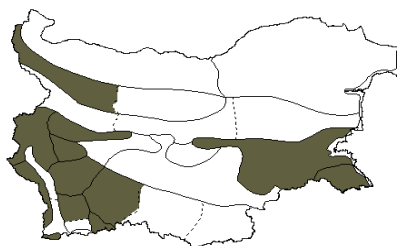


0

OT

Juncus tenuis

Willd.



1500

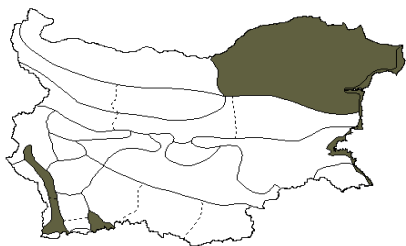


0

Adv (NAm)

Juncus maritimus

Lam.



200

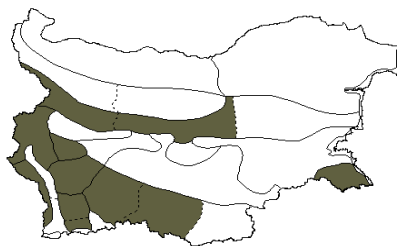


0

Kos

Juncus tomasii

Ten.



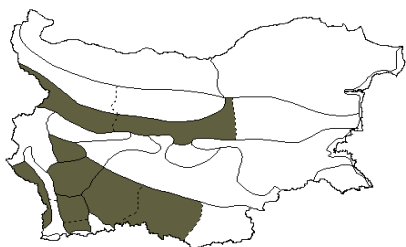
2500



400

Carp-Bal

Juncus trifidus
L.



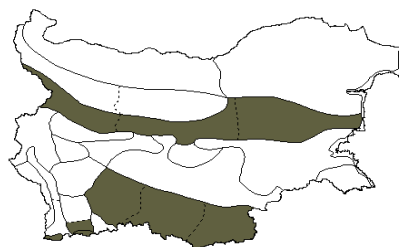
2900



1800

Boreal

Juniperus pygmaea
C. Koch



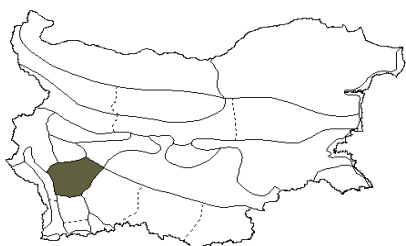
1700



1500

Med

Juncus triglumis
L.



2500

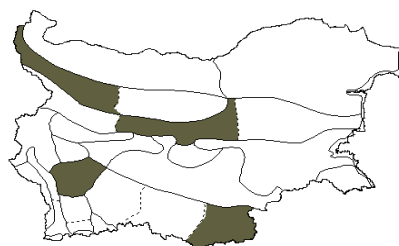


2000



Arct-Alp

Juniperus sabina
L.



2500



1000



Pont-Sib

Juniperus communis
L.



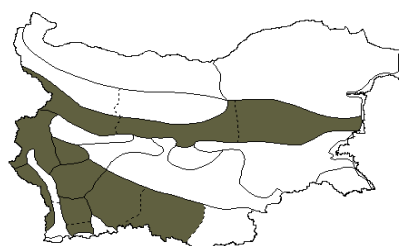
1700



200

subBoreal

Juniperus sibirica
Burgsd.



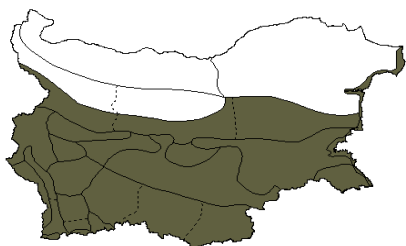
2400



1900

Boreal

Juniperus deltoides
R.P. Adams



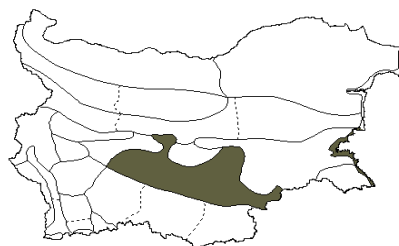
1100



0

EMed

Jurinea albicaulis
Bunge



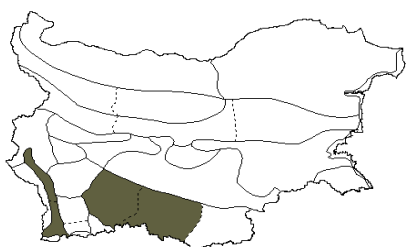
100



0

Pont-Bal

Juniperus excelsa
M. Bieb.



1200

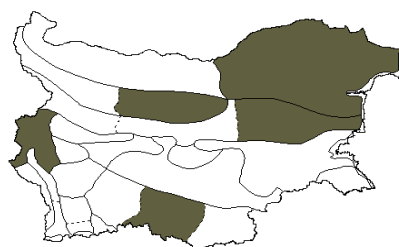


0



Med-OT

Jurinea bulgarica
Velen.



1500

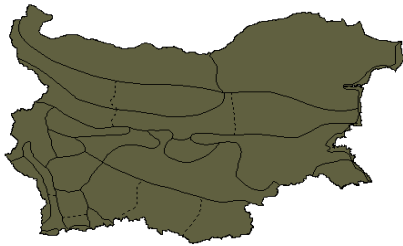


0

Bul

Jurinea consanguinea

DC.



2000

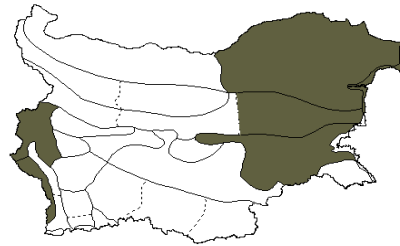


0

subMed-Sib

Jurinea tzar-ferdinandii

Davidov



1000



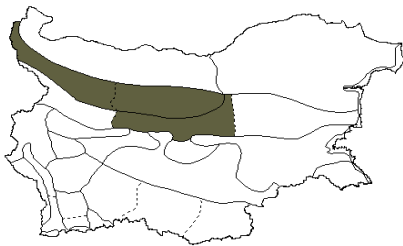
0



Bal

Jurinea glicacantha

(Sm.) DC.



1500

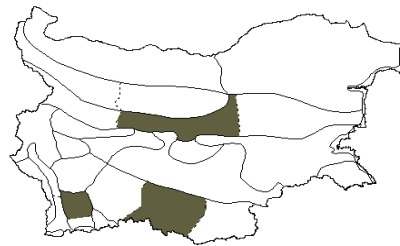


1000

Pann-Bal

Kernera saxatilis

(L.) Rchb.



2500

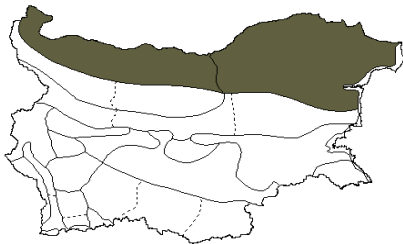


1800

Alp-Carp-Bal

Jurinea ledebourii

Bunge



500



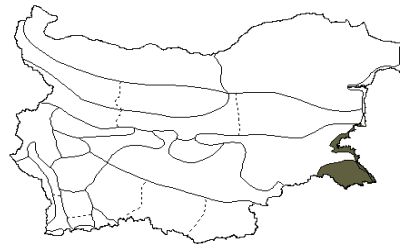
0



Pont

Kickxia commutata

(Bernh. ex Rchb.) Fritsch



100

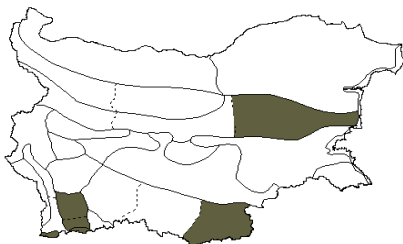


0

Med

Jurinea mollis

(L.) Rchb.



2400

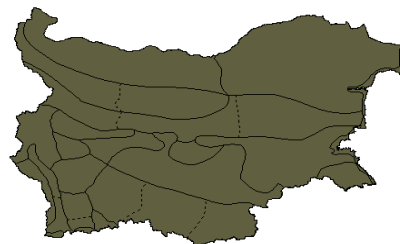


0

Pont-Med

Kickxia elatine

(L.) Dumort.



1000

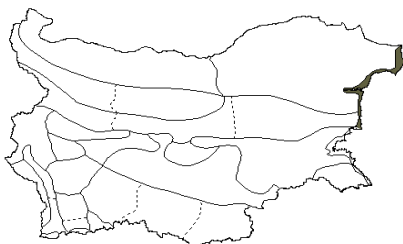


0

subMed

Jurinea stoechadifolia

(M. Bieb.) DC.



200



0

Pont-Bal

Kickxia spuria

(L.) Dumort.



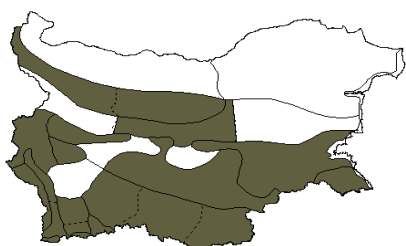
1000



0

subMed

Knautia ambigua
(Friv.) Boiss. & Orph.



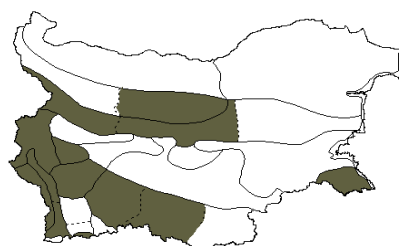
2000



300

Bal

Knautia drymeia
Heuff.



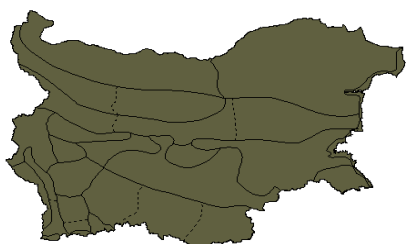
2000



0

Alp-Carp-Bal

Knautia arvensis
(L.) Coult.



2900



500

Eur-Sib

Knautia integrifolia
(L.) Bertol.



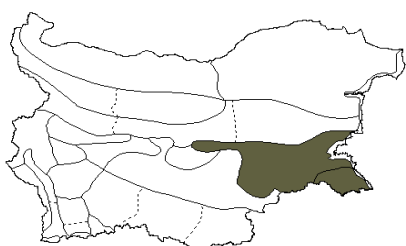
1000



0

Med

Knautia byzantina
Fritsch



500

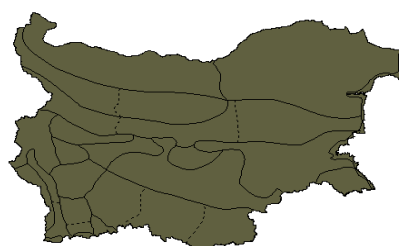


0



Bal-Anat

Knautia macedonica
Griseb.



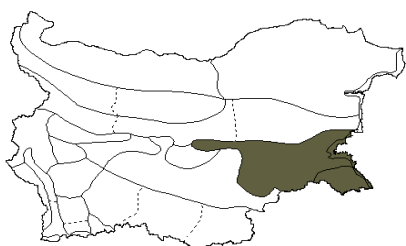
1000



0

subBal

Knautia degenii
Borbás ex Formánek



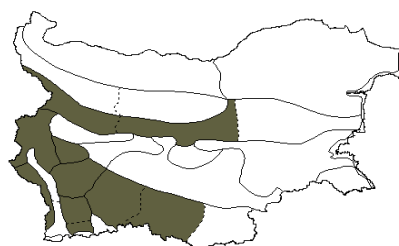
500



0

Bal-Anat

Knautia midzorensis
Formánek



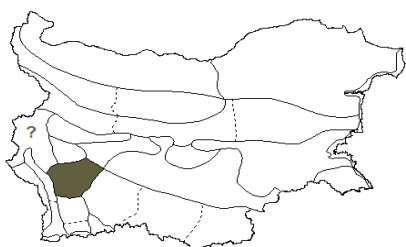
2900



1500

Bal

Knautia dinarica
(Murb.) Borbás



2900

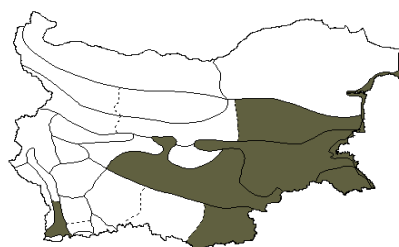


2000



Bal-Ap

Knautia orientalis
L.



1000

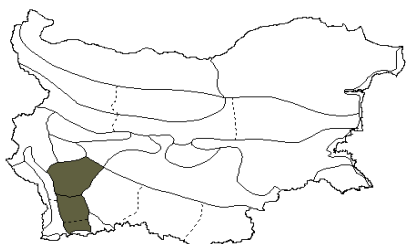


0

Med

Kobresia myosuroides

(Vill.) Fiori



2700

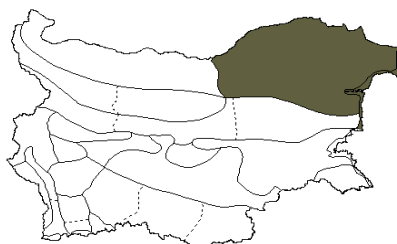


2100

Arct-Alp

Koeleria davidovii

(Acht.) Kožuharov



100

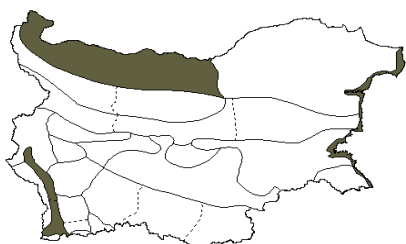


0

Bul

Kochia laniflora

(S. G. Gmel.) Borbás



350

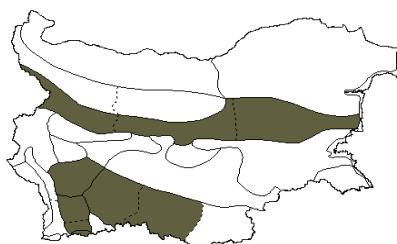


0

Pont-Sib

Koeleria eriostachya

Pančić



2300

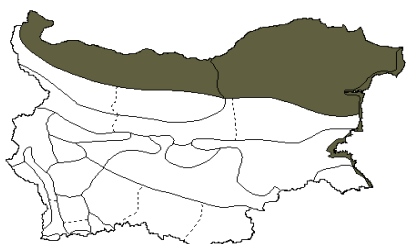


1500

Alp-Bal

Kochia prostrata

(L.) Schrad.



300

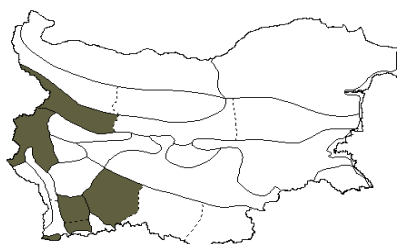


0

Eur-As

Koeleria fenziiana

Schur



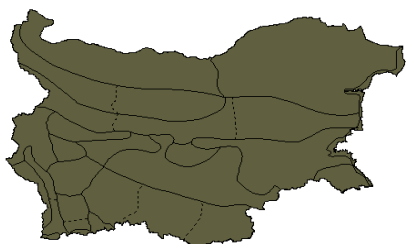
2400



300

Kochia scoparia

(L.) Schrad.



1000



0

Adv

Koeleria macrantha

(Ledeb.) Schult.



1500

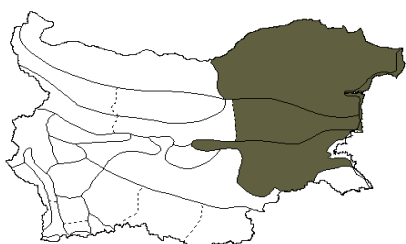


0

Eur

Koeleria brevis

Steven



300

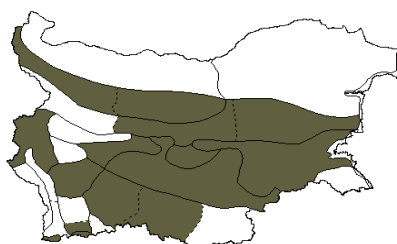


0

Pont-Med

Koeleria mitruschii

Ujhelyi



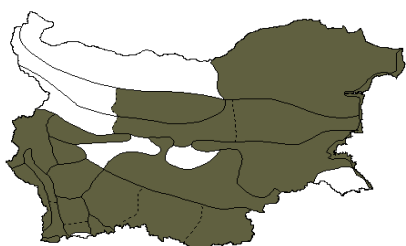
1800



0

Koeleria nitidula

Velen.



900

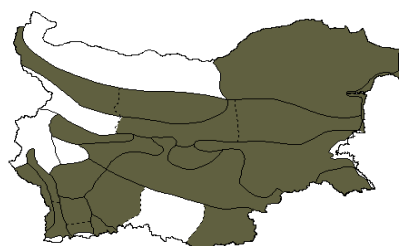


0

Pont

Koeleria simonkaii

Adamović



1300

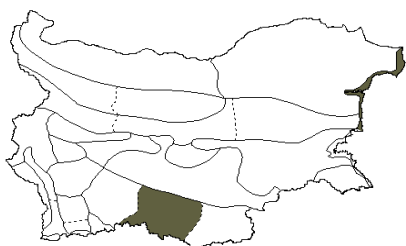


0

Bal

Koeleria obscura

(Velen.) Kožuharov



600

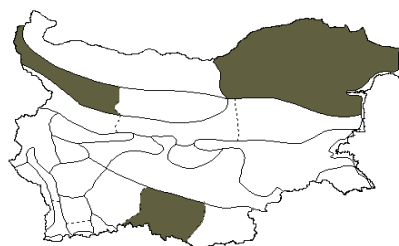


0

Pont-Med

Koelreuteria paniculata

Laxm.



800

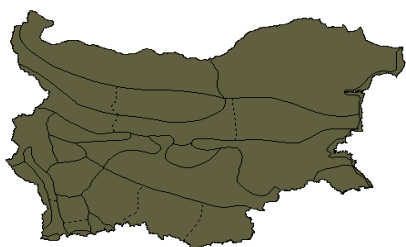


0

Adv (As)

Koeleria penzesii

Ujhelyi



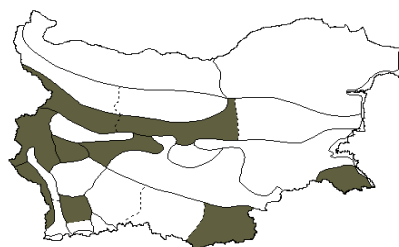
1400



0

Lactuca aurea

(Sch.Bip. ex Pančić) Stebbins



1000

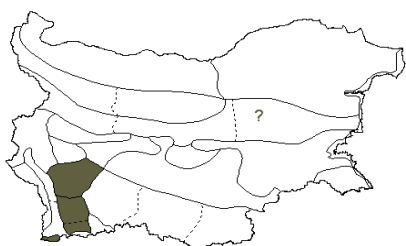


200

Bal-Dac

Koeleria pyramidata

(Lam.) P. Beauv.



2200

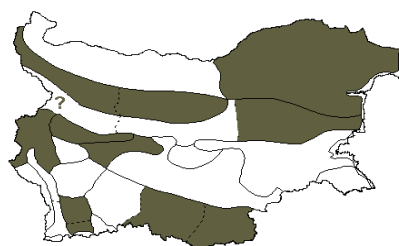


1800

subMed

Lactuca perennis

L.



1000



0

Eur

Koeleria schurii

Ujhelyi



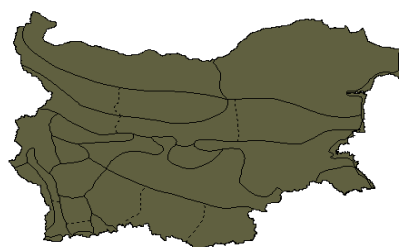
1000



0

Lactuca quercina

L.



2900



0

Eur

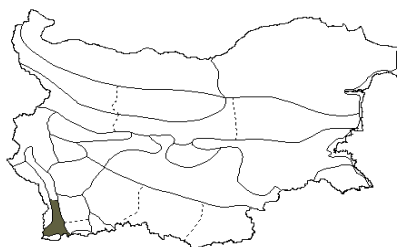
Lactuca saligna
L.



1000
⇕
0

Pont-OT

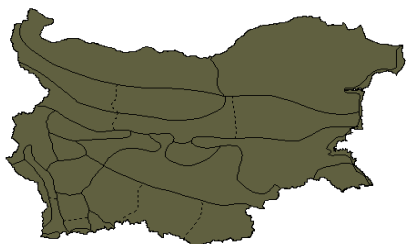
Lagurus ovatus
L.



100
⇕
0

Pont-Med

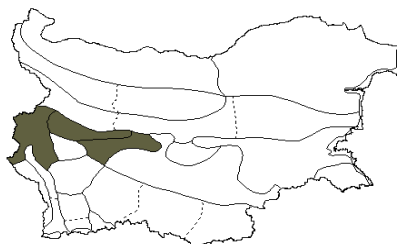
Lactuca serriola
L.



1000
⇕
0

Eur-As

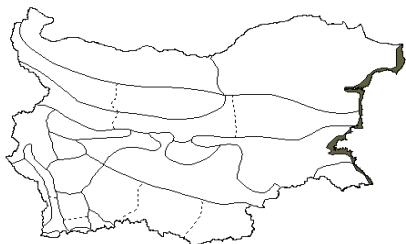
Lamium album
L.



800
⇕
500

Eur-Sib

Lactuca tatarica
(L.) C. A. Mey.



200
⇕
0

!
Pont-As

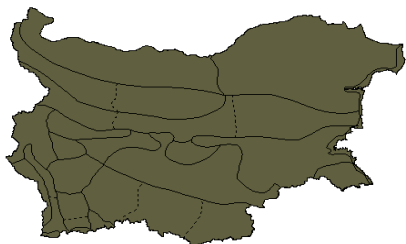
Lamium amplexicaule
L.



1000
⇕
0

Eur-As

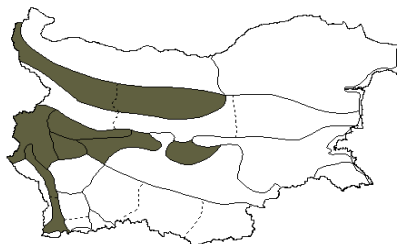
Lactuca viminea
(L.) J. & C. Presl



1000
⇕
0

Eur-Med

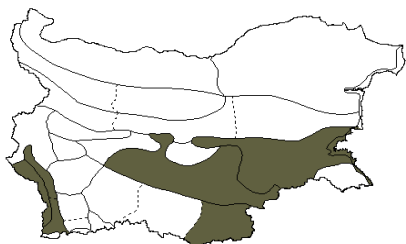
Lamium bifidum
Cyr.



1000
⇕
200

Med

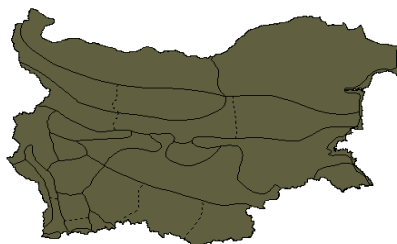
Lagoecia cuminoides
L.



500
⇕
0

Med-OT

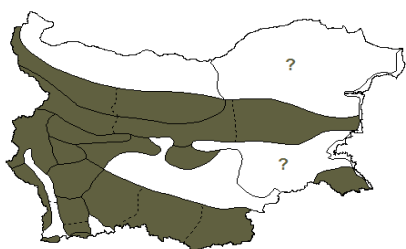
Lamium galeobdolon
(L.) L.



1500
⇕
0

Med

Lamium garganicum
L.



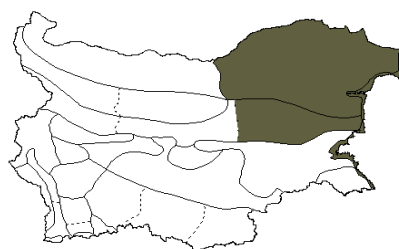
2900



700

Med

Lappula marginata
(M. Bieb.) Gürke



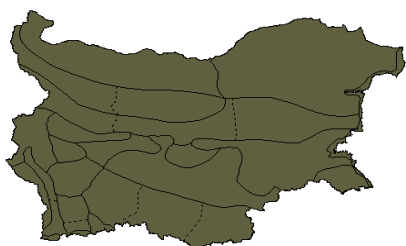
300



0

Eur-As

Lamium maculatum
L.



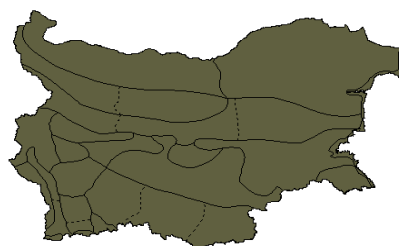
2000



0

subBoreal

Lappula squarrosa
(Retz.) Dumort.



1000



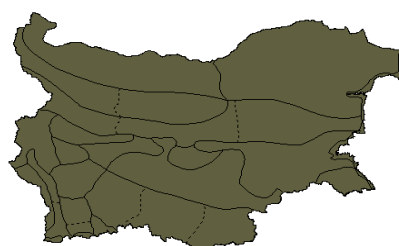
0

subBoreal

Lamium moshcatum
Mill.



Lapsana communis
L.



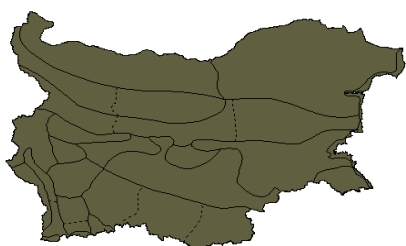
2000



0

Eur-Sib

Lamium purpureum
L.



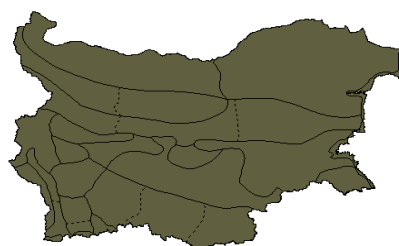
1000



0

Eur-Med

Laser trilobum
(L.) Borkh.



1400



0

Eur-Med

Lappula barbata
(M. Bieb.) Gürke



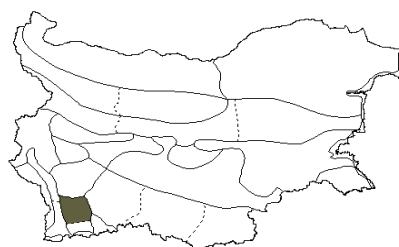
1000



0

Med-CAs

Laserpitium archangelica
Wulfen



1000

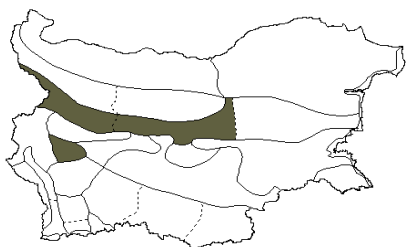


1000



Carp-Bal

Laserpitium krapfii
Crantz



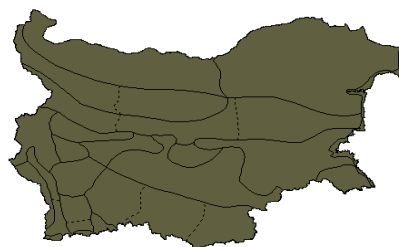
2100



1000

Alp-Carp-Bal

Lathraea squamaria
L.



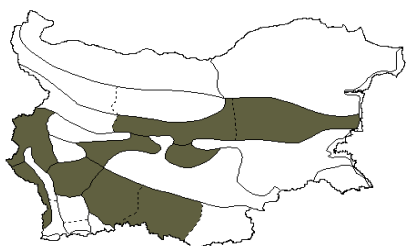
2000



0

Eur-As

Laserpitium latifolium
L.



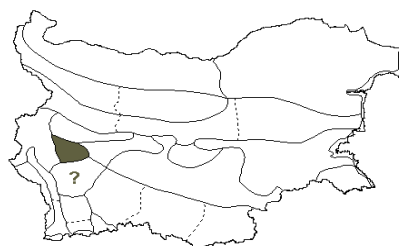
1600



1100

subMed

Lathyrus alpestris
(Waldst. & Kit.) Kit. ex Čelak.



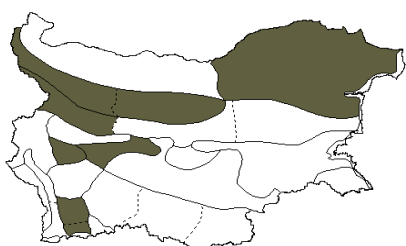
2500



1500

Bal

Laserpitium prutenicum
L.



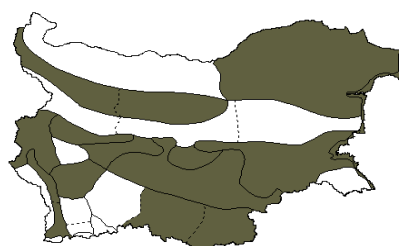
1400



0

Eur-Med

Lathyrus annuus
L.



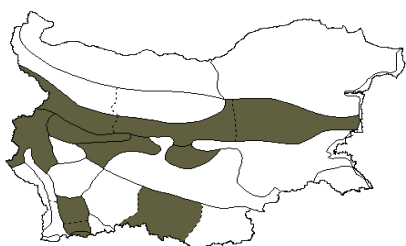
800



0

Eur-As

Laserpitium siler
L.



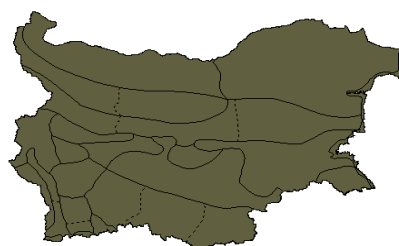
1800



1000

subMed

Lathyrus aphaca
L.



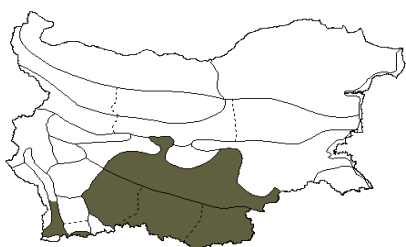
1000



0

subBoreal

Lathraea rhodopea
Dingl.



1650

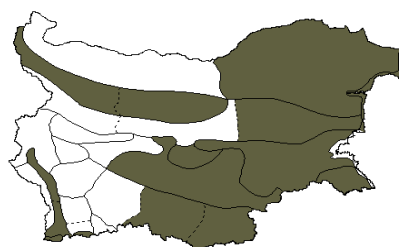


200



Bal

Lathyrus aureus
(Steven) Brândză



600



0

Eux

Lathyrus cicera
L.



800



0

subMed

Lathyrus hirsutus
L.



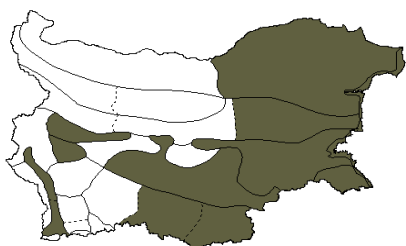
800



0

Eur-Med

Lathyrus digitatus
(M. Bieb.) Fiori



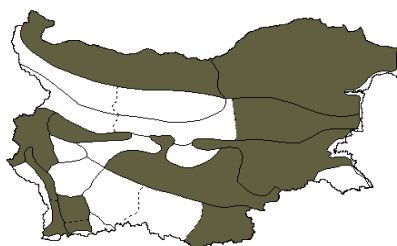
800



0

Med

Lathyrus inconspicuus
L.



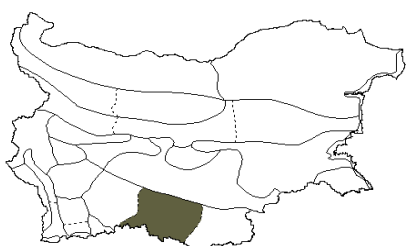
500



0

Med-Cas

Lathyrus filiformis
(Lam.) Gay



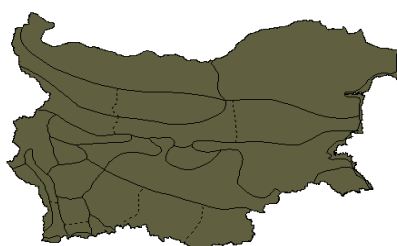
1750



1250

Med

Lathyrus latifolius
L.



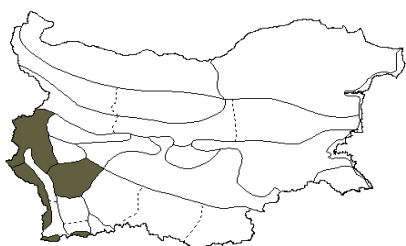
900



0

Eur-Med

Lathyrus grandiflorus
Sm.



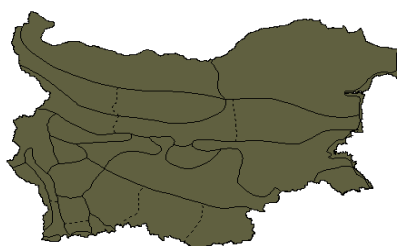
1300



100

Med-Anat

Lathyrus laxiflorus
(Desf.) Kuntze



1900



0

subMed

Lathyrus hallersteinii
Baumg.



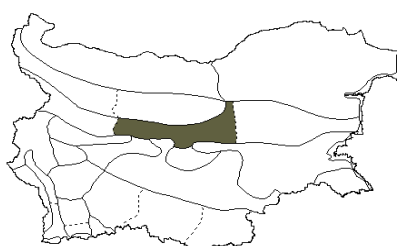
1000



0

SEur

Lathyrus linifolius
(Rchb.) Bässler



1800



1500

Eur

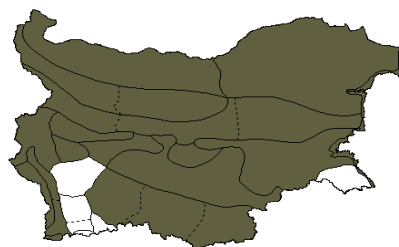
Lathyrus niger
(L.) Bernh.



1200
⇕
0

Eur-Med

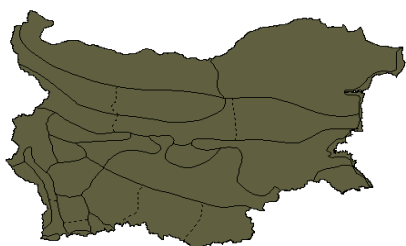
Lathyrus pannonicus
(Jacq.) Garcke



800
⇕
0

subMed-Sib

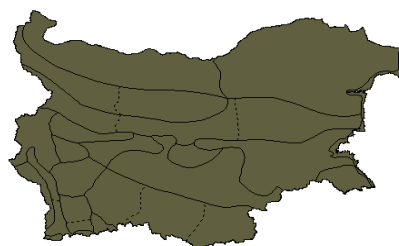
Lathyrus nissolia
L.



1000
⇕
0

Eur-subMed

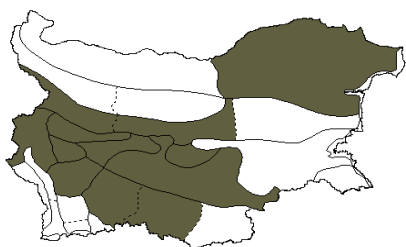
Lathyrus pratensis
L.



1500
⇕
0

subBoreal

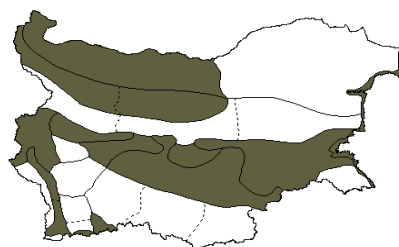
Lathyrus pallescens
(M. Bieb.) C. Koch



1000
⇕
0

subMed

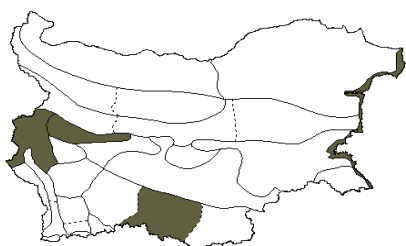
Lathyrus sativus
L.



800
⇕
0

subMed

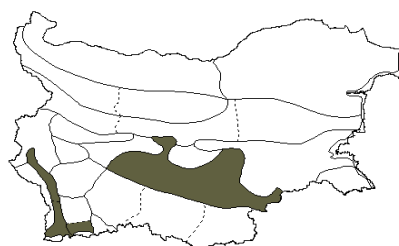
Lathyrus palustris
L.



1100
⇕
0

Eur-As

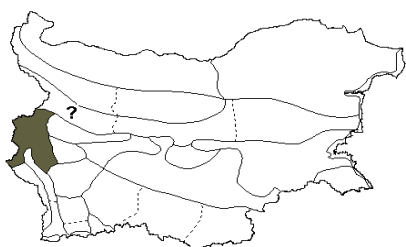
Lathyrus saxatilis
(Vent.) Vis.



200
⇕
0

Med

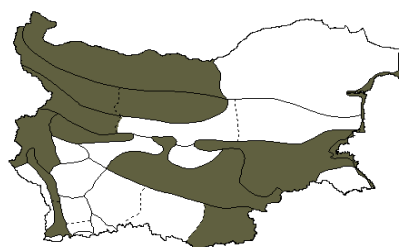
Lathyrus pancicii
(Jurišić) Adamović



700
⇕
0

Bal

Lathyrus setifolius
L.

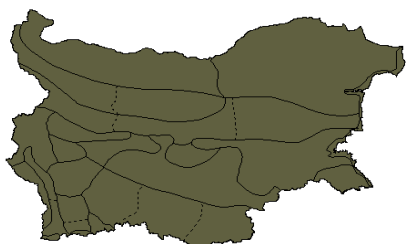


800
⇕
0

Pont-Med

Lathyrus sphaericus

Retz.



1000



0

Eur-As

Lathyrus vernus

Bernh.



1200



0

Eur-Sib

Lathyrus sylvestris

L.



800

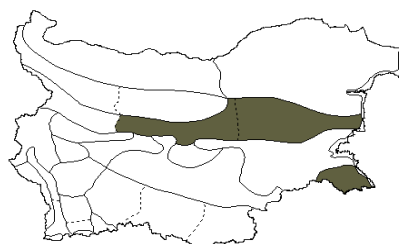


0

Eur-subMed

Laurocerasus officinalis

M. Roem.



1400

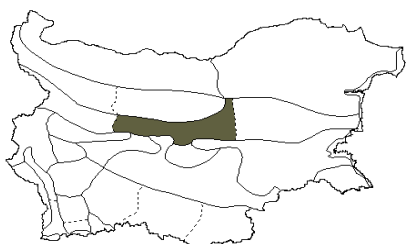


200

Eux

Lathyrus transsilvanicus

(Spreng.) Fritsch



1600

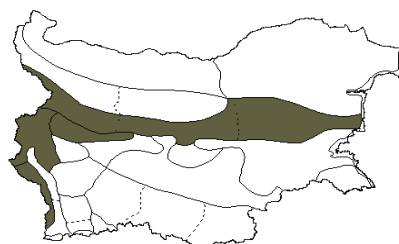


0

Carp-Bal

Lavandula angustifolia

Mill.



1000



500

Adv (Med)

Lathyrus tuberosus

L.



1000



0

Eur-As

Lavatera thuringiaca

L.



1600



0

Pont-Sib

Lathyrus venetus

(Mill.) Wohlf.



1500

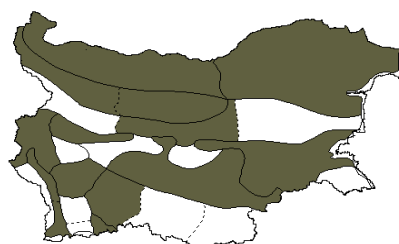


0

Eur-Med

Leersia oryzoides

(L.) Sw.



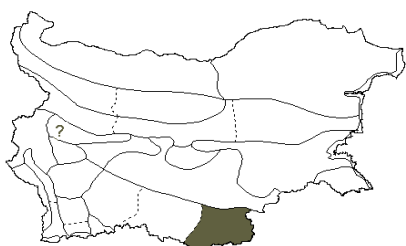
1100



0

subBoreal

Legousia pentagonia
(L.) Thell.



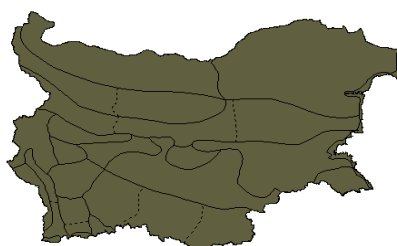
500



100

Med

Lemna trisulca
L.



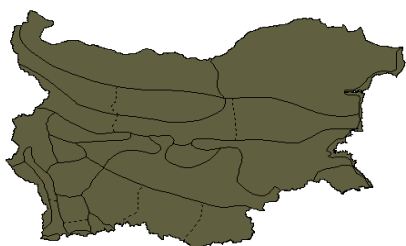
1000



0

Kos

Legousia speculum-veneris
(L.) Chaix



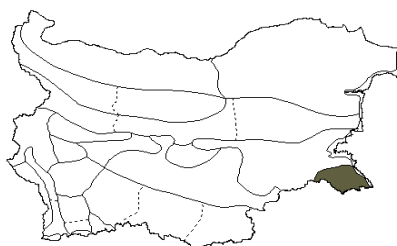
1000



0

Eur-Med

Lens ervoides
(Brign.) Grande



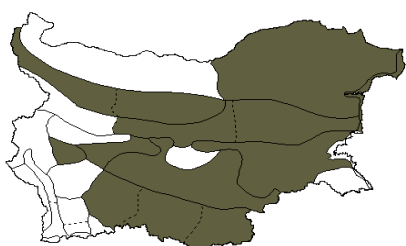
300



0

Med

Lembotropis nigricans
(L.) Griseb.



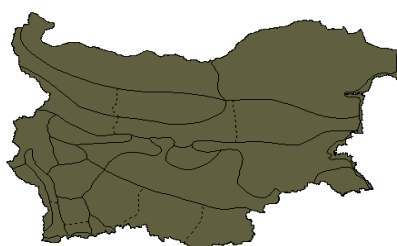
1000



0

Eur-Med

Lens nigricans
(M. Bieb.) Godr.



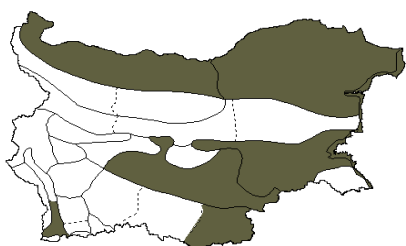
1000



100

Pont-Med

Lemna gibba
L.



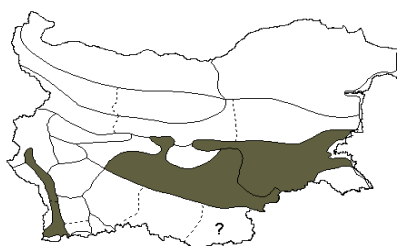
300



0

Kos

Leontice leontopetalum
L.



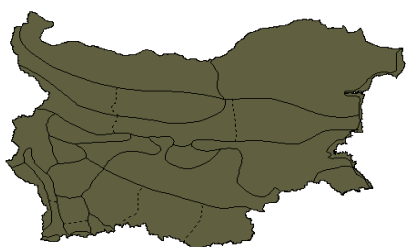
300



0

Med

Lemna minor
L.



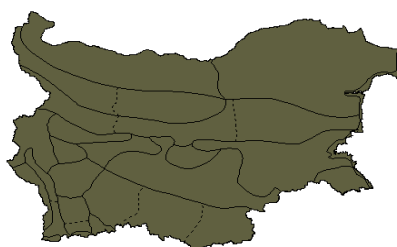
1000



0

Kos

Leontodon autumnalis
L.



2800

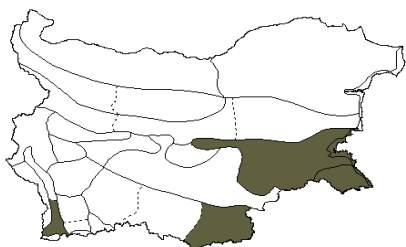


1000

Eur-Sib

Leontodon cichoraceus

(Ten.) Sanguin.



500

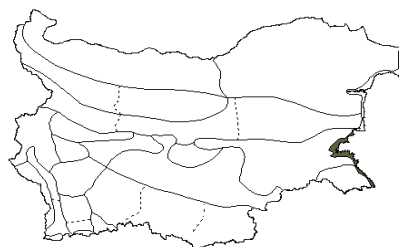


0

subMed

Leontodon tuberosus

L.



100

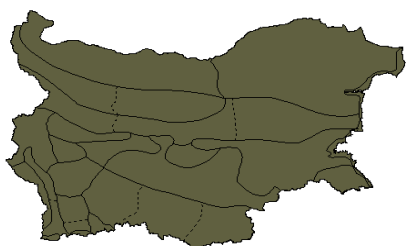


0

Med

Leontodon crispus

Vill.



2800

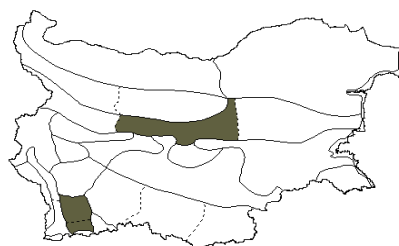


0

Pont-Med

Leontopodium alpinum

Cass.



2900



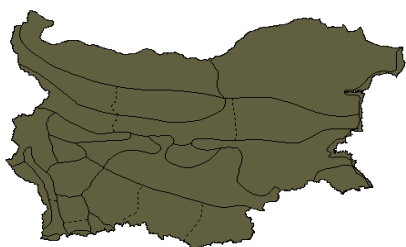
1800



Alp-Med

Leontodon hispidus

L.



2000

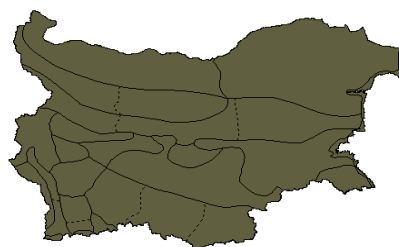


0

Eur-Med

Leonurus cardiaca

L.



1000

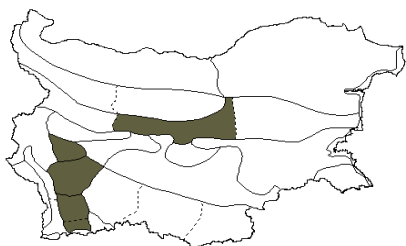


0

Eur-As

Leontodon rilaensis

Hayek



2500

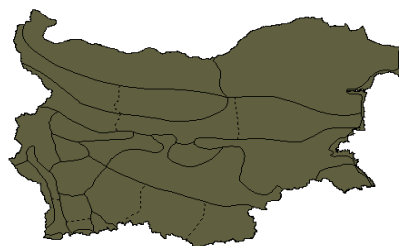


2000

Bul

Leonurus marrubiastrum

L.



1000

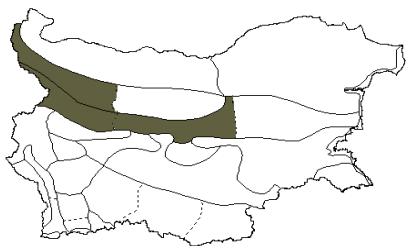


0

Eur-As

Leontodon saxatilis

Lam.



500



400

Eur

Lepidium campestre

(L.) R. Br.



1200



0

Eur-subMed

Lepidium graminifolium

L.



1000

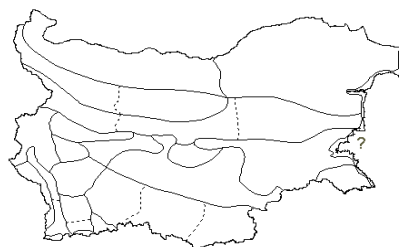


0

Eur-Med

Lepidium spinosum

Ard.



200

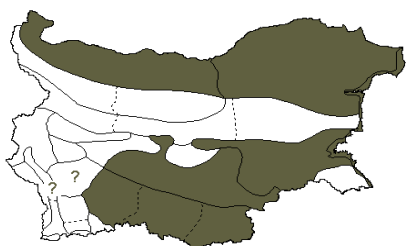


0

EMed-Anat

Lepidium latifolium

L.



1000

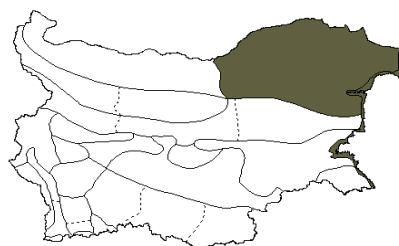


0

Eur-Med

Lepidotrichum uechtritizianum

(Bornm.) Velen.



100



0



Pont

Lepidium perfoliatum

L.



1500

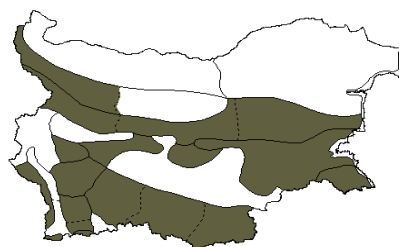


0

Eur-CAs

Lerchenfeldia flexuosa

(L.) Schur



2500



800

Boreal

Lepidium ruderales

L.



1500

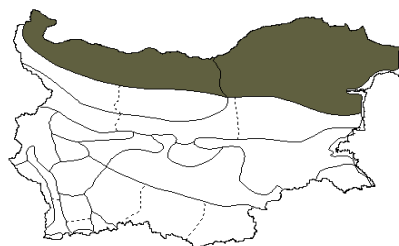


0

Eur-As

Leucanthemella serotina

(L.) Tzvelev



200

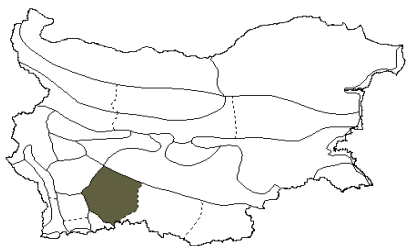


0

Eur

Lepidium sativum

L.



1400

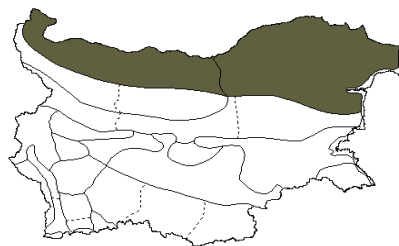


0

Eur

Leucanthemum pallens

(Gay) DC.



500

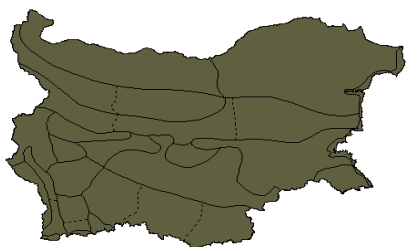


0

Med-subMed

Leucanthemum vulgare

Lam.



2000

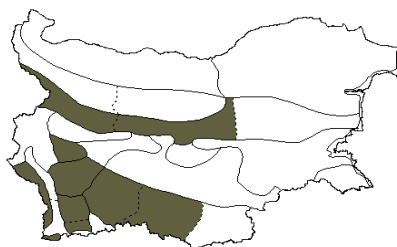


0

Eur-Sib

Ligusticum mutellina

(L.) Crantz



2900

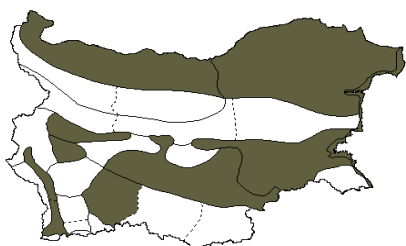


1800

Alp-Carp-Bal

Leucojum aestivum

L.



300

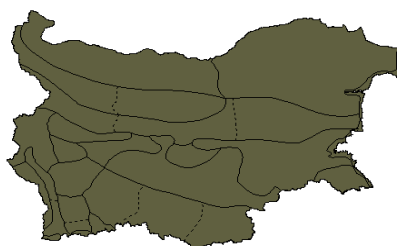


0

Eur

Ligustrum vulgare

L.



1500

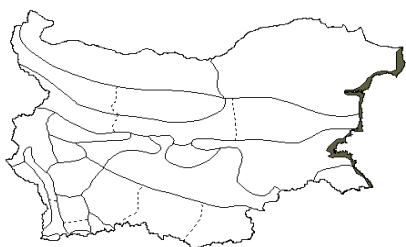


0

subMed

Leymus racemosus

(Lam.) Tzvelev



0

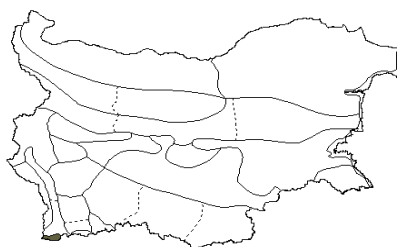


0

Pont-Sib

Lilium albanicum

Griseb.



1500



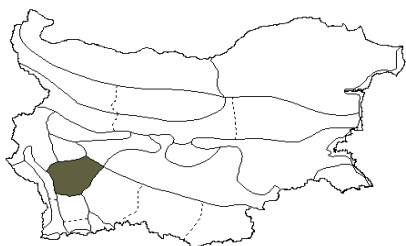
1500



Bal

Ligularia glauca

(L.) Hoffm.



2000



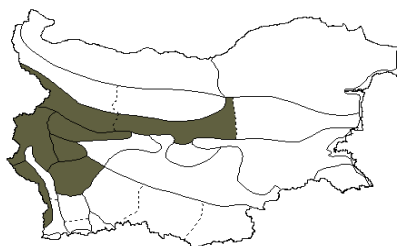
1600



Carp-Bal-Alp

Lilium jankae

A. Kern.



2900



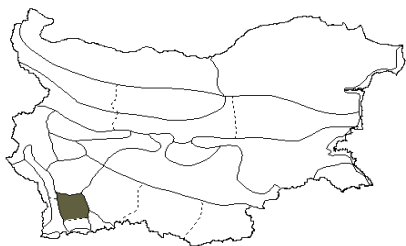
1500



Bal-Carp

Ligularia sibirica

(L.) Cass.



1000



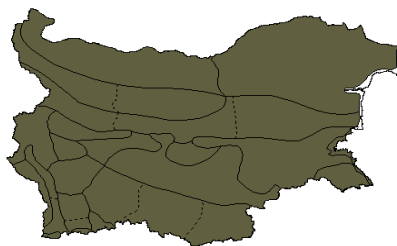
0



Eur-Sib

Lilium martagon

L.



2000

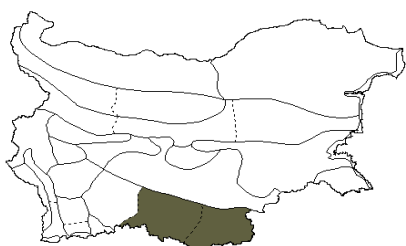


0

Eur-As

Lilium rhodopaeum

Delip.



2900



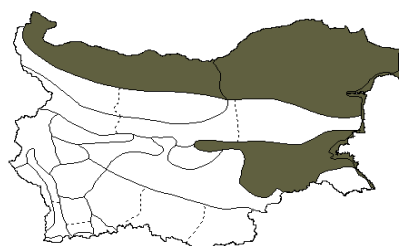
1000



Bal

Limonium latifolium

(Sm.) Kuntze



250



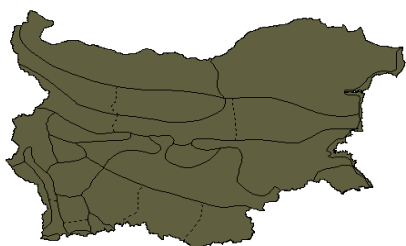
0



Pont

Limodorum abortivum

(L.) Schwarz



900



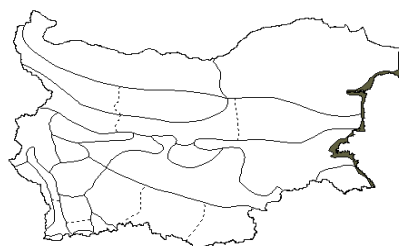
0



Med

Limonium meyeri

(Boiss.) Kuntze



150



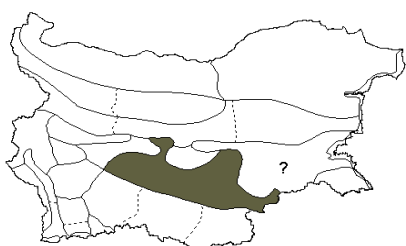
0



Pont-CAs

Limonium asterotrichum

(Salmon) Salmon



450



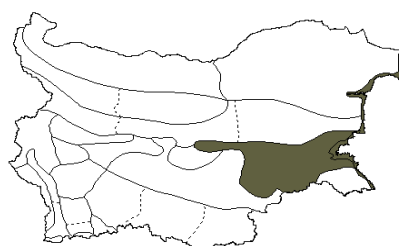
450



Bul

Limonium vulgare

Mill.



250



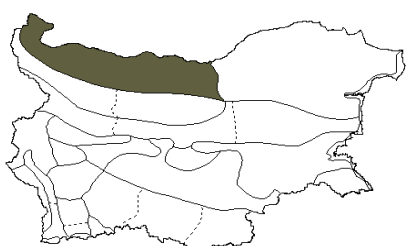
0



Eur

Limonium bulgaricum

Ančev



250



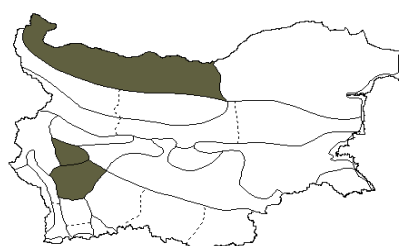
200



Bul

Limosella aquatica

L.



1000



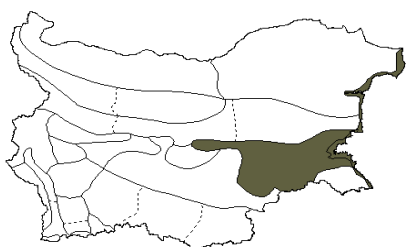
0



Kos

Limonium gmelinii

(Willd.) Kuntze



150



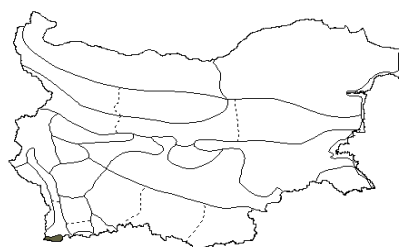
0



Eur-As

Linaria angustissima

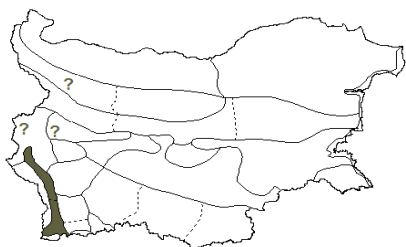
(Loisel.) Borbás



subMed

Linaria arvensis

(L.) Desf.



500

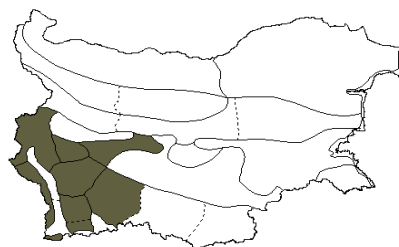


0

subMed

Linaria grandiflora

Desf.



1800

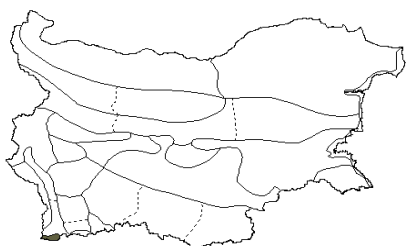


600

Bal-Anat

Linaria brachyphylla

Delip.



1700



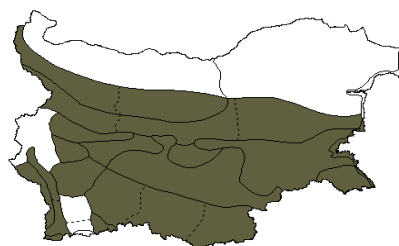
1500

!

Bul

Linaria pelisseriana

(L.) Mill.



1000

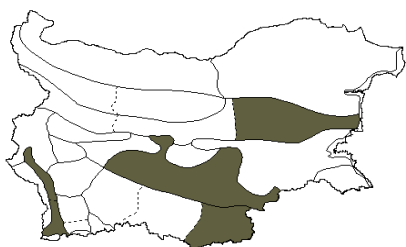


0

Med

Linaria chalepensis

(L.) Mill.



700

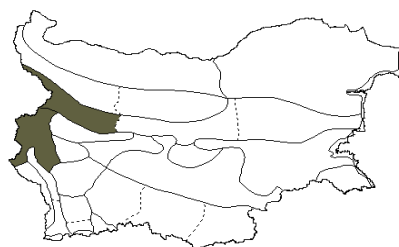


150

Med

Linaria rubioides

Vis. & Pančić



850



500

Bal

Linaria dalmatica

(L.) Mill.



1800

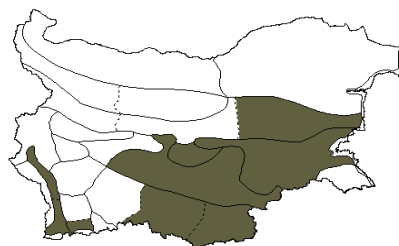


0

Med

Linaria simplex

(Willd.) DC.



800



100

Med

Linaria genistifolia

(L.) Mill.



1800

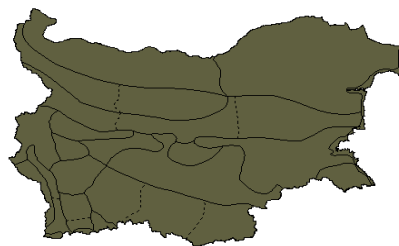


0

Pont-Sib

Linaria vulgaris

Mill.



1800

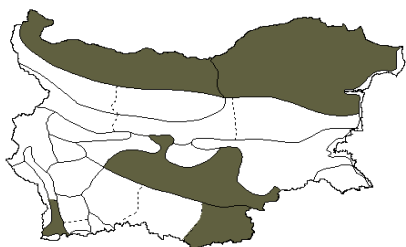


0

Eur-Sib

Lindernia dubia

(L.) Pennell



500

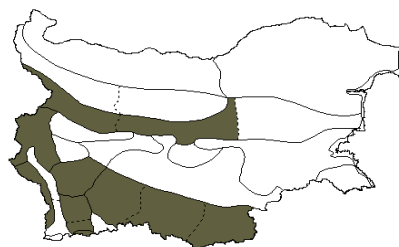


0

Adv (NAm)

Linum capitatum

Kit. ex Schult.



2200

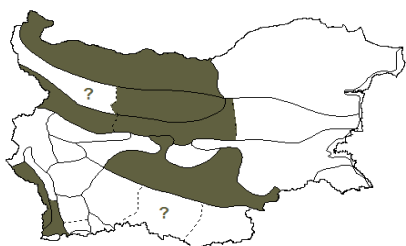


1000

Ap-Bal

Lindernia procumbens

(Krock.) Philcox



1000



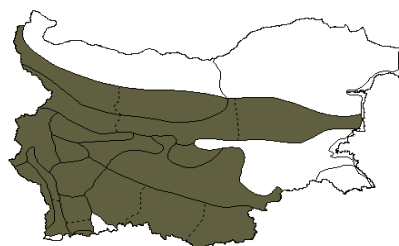
0



Eur-As

Linum catharticum

L.



2600

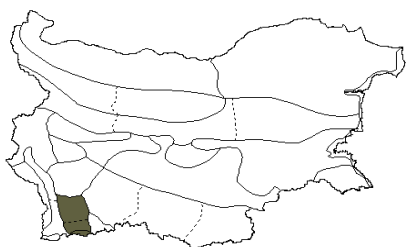


200

subBoreal

Linum alpinum

Jacq.



2900

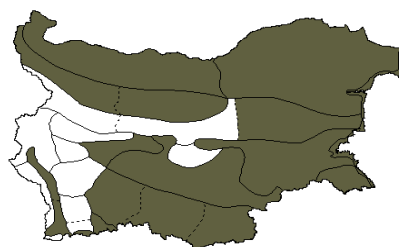


1400

Alp-Med

Linum corymbulosum

Rchb.



800

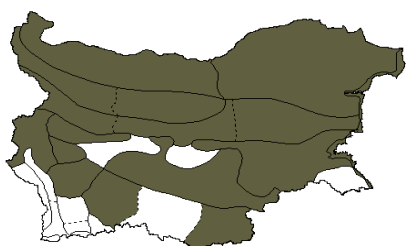


0

Med

Linum austriacum

L.



1000

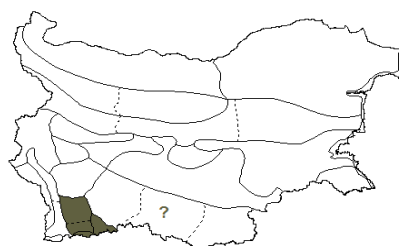


0

subMed

Linum elegans

Spruner ex Boiss.



2000



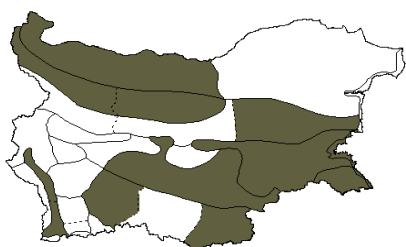
500



Bal

Linum bienne

Mill.



700

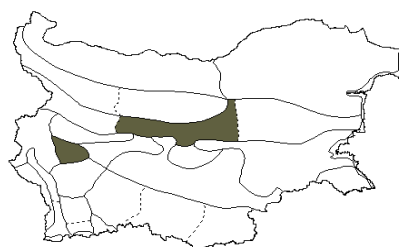


0

Med

Linum extraaxillare

Kit.



2000



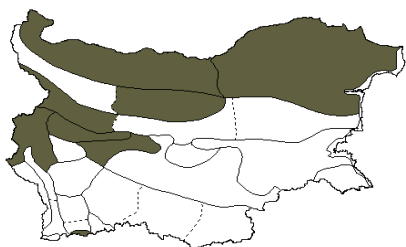
1400



Carp-Bal

Linum flavum

L.



1600

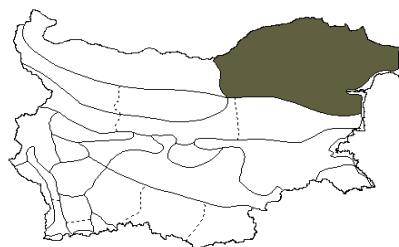


0

subMed

Linum pallasianum

Schult.



200

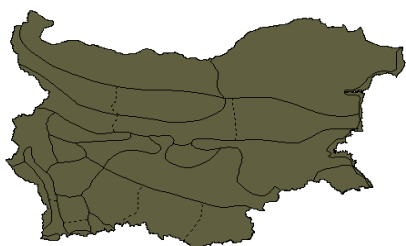


0

Pont

Linum hirsutum

L.



1700

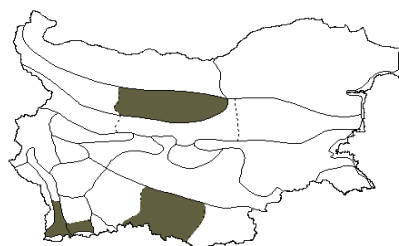


0

subMed

Linum spathulatum

(Halacsy & Bald.) Halacsy



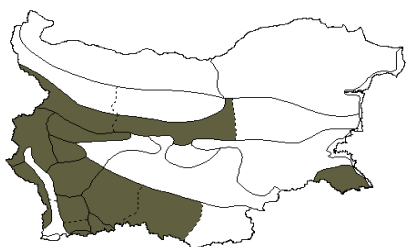
400



0

Linum hologynum

Rchb.



2000

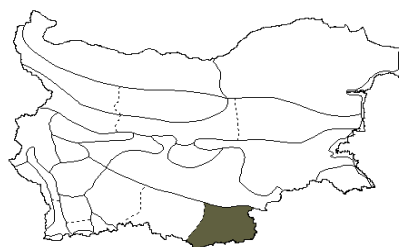


600

subMed

Linum strictum

L.



300

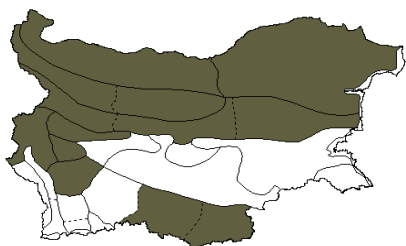


0

Med-OT

Linum nervosum

Waldst. & Kit.



1300

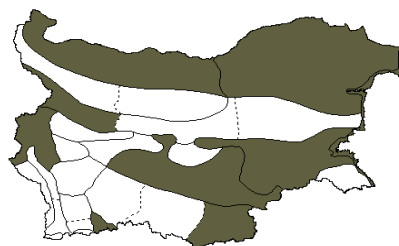


100

subMed

Linum tauricum

Willd.



1400

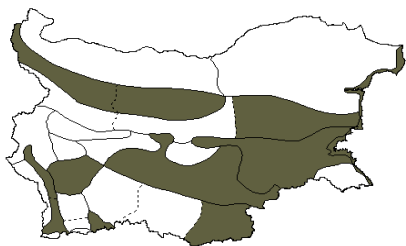


0

Pont-Med

Linum nodiflorum

L.



700

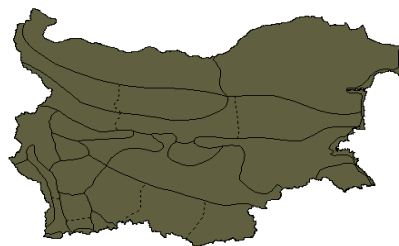


0

Med

Linum tenuifolium

L.



1600

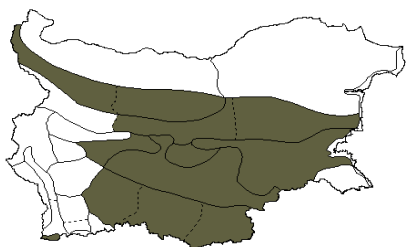


0

Pont-Med

Linum thracicum

(Griseb.) Degen



1000

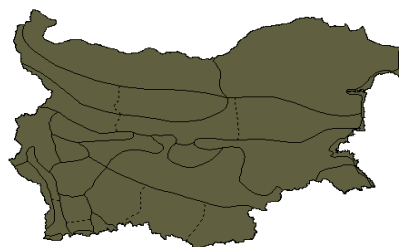


200

Bal

Listera ovata

(L.) R. Br.



1400

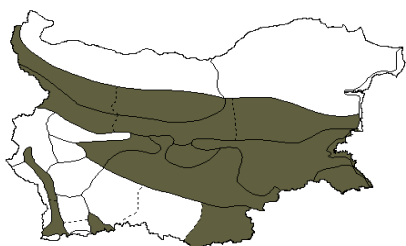


0

Eur-As

Linum trigynum

L.



900

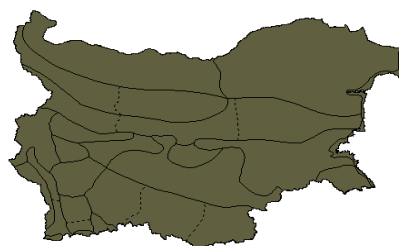


0

subMed

Lithospermum officinale

L.



2000

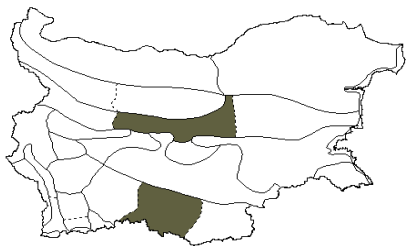


0

Eur-As

Linum uninerve

(Rochel) Borbás



1600

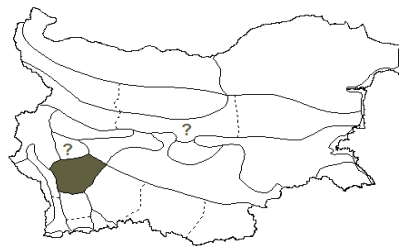


1000

Pont

Lloydia serotina

(L.) Rchb.



2900



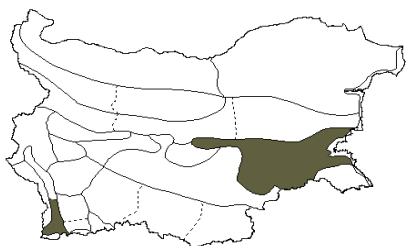
700



Boreal

Liparis loeselii

(L.) Rich.



500



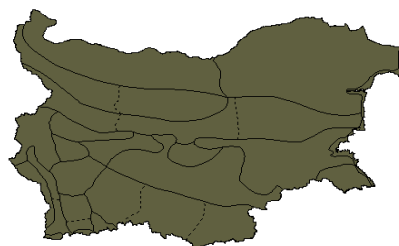
0



Boreal

Logfia arvensis

(L.) Holub



1000

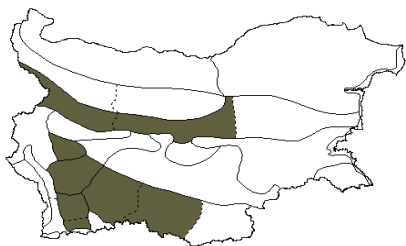


0

Eur-Med

Listera cordata

(L.) R. Br.



1600



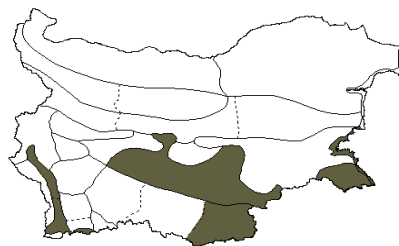
1000



Boreal

Logfia gallica

(L.) Coss. & Germ.



200



0

subMed

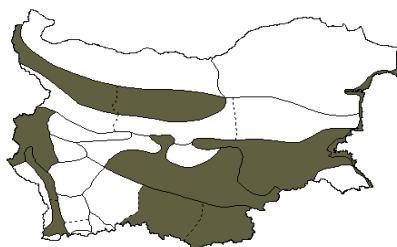
Logfia minima
(Sm.) Dumort.



1000
⇕
0

Eur-Sib

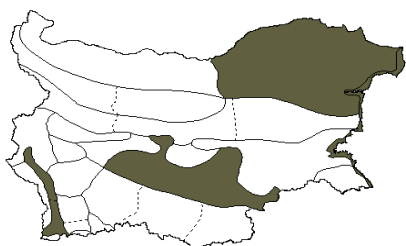
Lolium rigidum
Gaudin



1000
⇕
0

Med-As

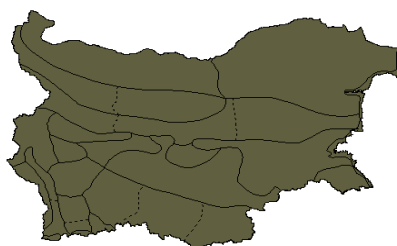
Lolium loliaceum
(Bory & Chaub.) Hand.-Mazz.



100
⇕
0

Pont-Med

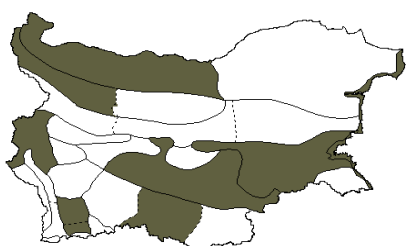
Lolium temulentum
L.



1500
⇕
0

Boreal

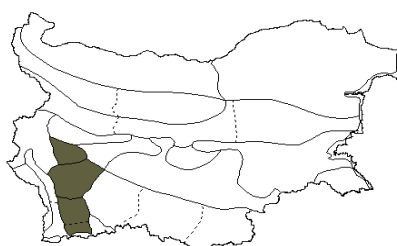
Lolium multiflorum
Lam.



800
⇕
0

subMed

Lonicera caerulea
L.



1700
⇕
900

Alp-Med

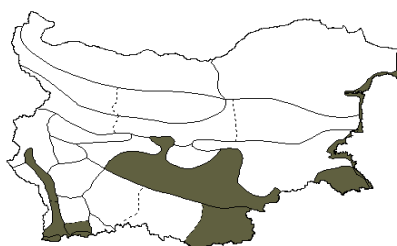
Lolium perenne
L.



1800
⇕
0

Eur-As

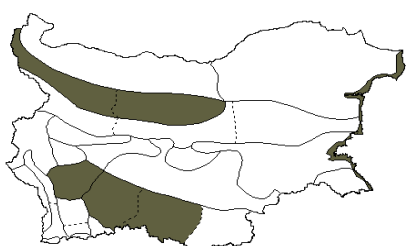
Lonicera etrusca
Santi



700
⇕
0

Med

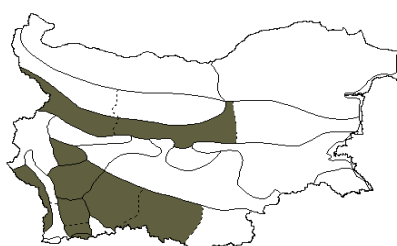
Lolium remotum
Schank



1000
⇕
0

Eur-As

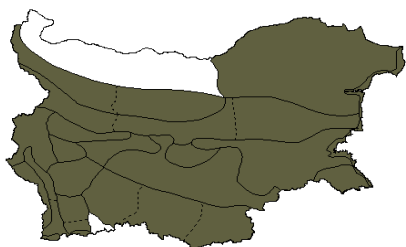
Lonicera nigra
L.



1900
⇕
900

Alp-Bal

Lonicera xylosteum
L.



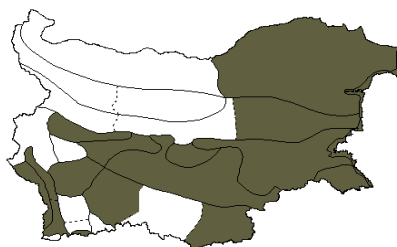
1700



0

Eur-Sib

Lotus angustissimus
L.



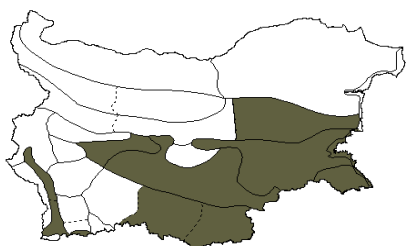
1000



0

Med

Lophochloa cristata
(L.) Hyl.



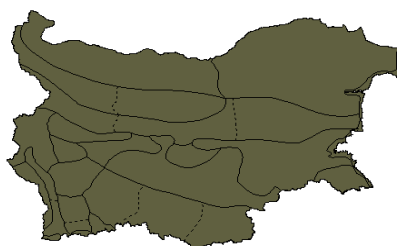
500



0

Med

Lotus corniculatus
L.



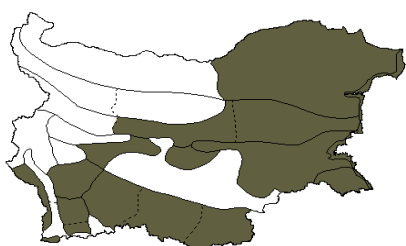
2300



0

Eur-Med

Loranthus europaeus
Jacq.



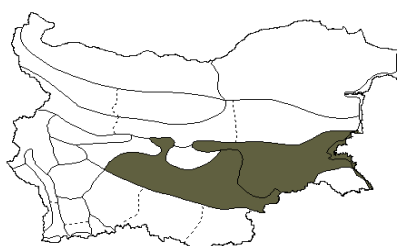
1500



0

Pont-Med

Lotus strictus
Fisch. & C. A. Mey.



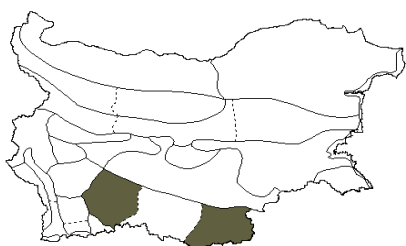
300



0

Pont-Med

Lotononis genistoides
(Fenzl) Benth.



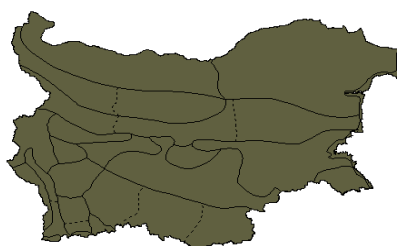
1000



0

Med

Lotus tenuis
Waldst. & Kit.



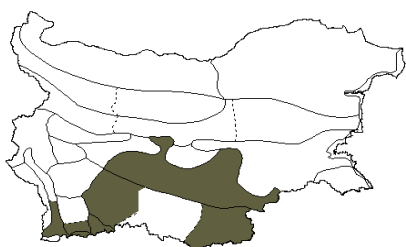
1000



0

Eur-CAs

Lotus aegaeus
(Griseb.) Boiss.



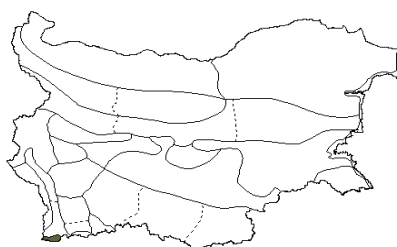
1000



0

Med

Lotus uliginosus
Schkuhr



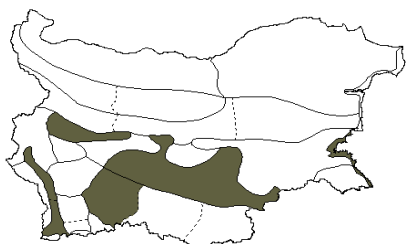
100



0

Eur-Med

Ludwigia palustris
(L.) Elliott



400

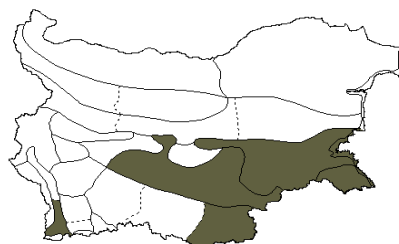


0



Eur-NAm

Lupinus graecus
Boiss. & Spruner



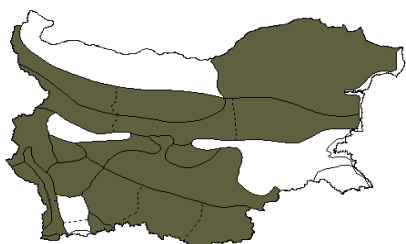
500



0

Bal-Anat

Lunaria annua
L.



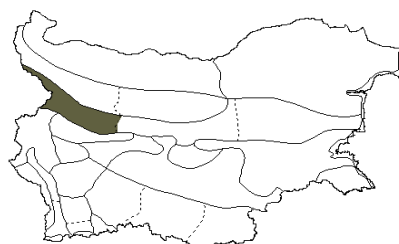
1300



0

Med

Lupinus polyphyllus
Lindl.



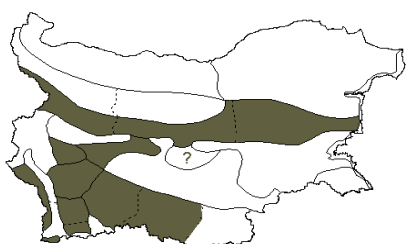
1000



500

Adv (Am)

Lunaria rediviva
L.



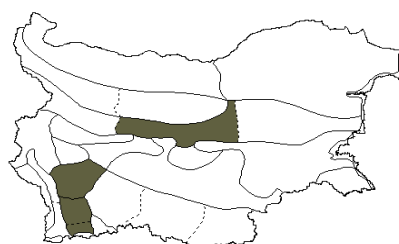
1400



750

Eur

Luzula alpino-pilosa
(Chaix) Breistr.



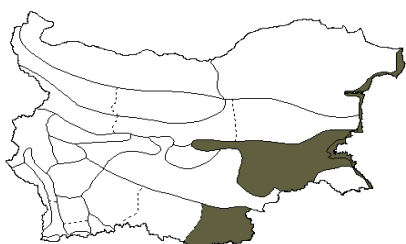
2900



2200

Arct-Alp

Lupinus albus
L.



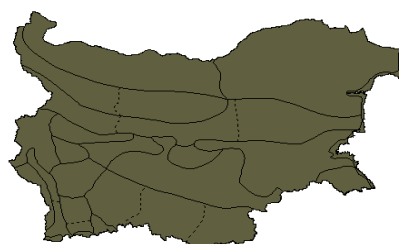
800



0

Med

Luzula campestris
(L.) Lam. & DC.



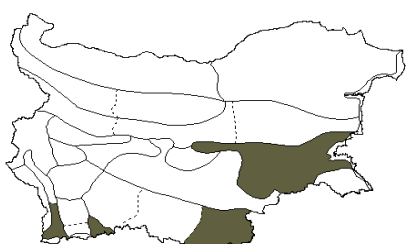
1500



0

subBoreal

Lupinus angustifolius
L.



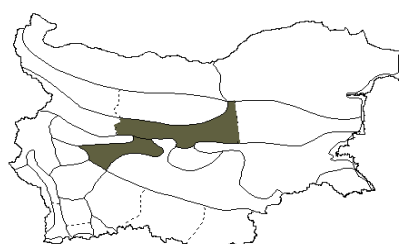
500



0

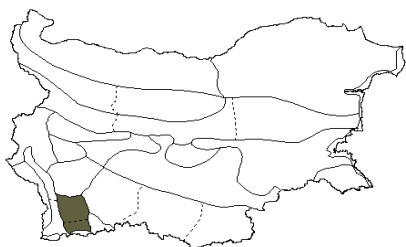
Med

Luzula divulgata
Kirschner



Luzula falax

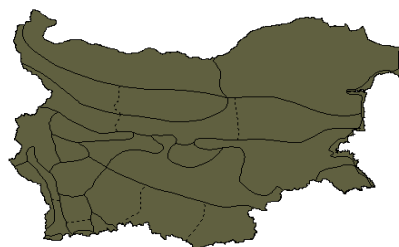
Kirschner



⇕

Luzula luzuloides

(Lam.) Dandy



2500

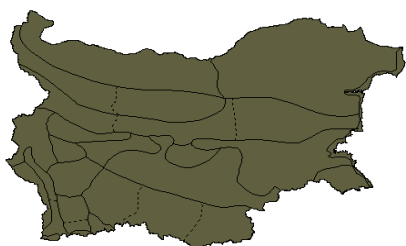
⇕

0

Eur

Luzula forsteri

(Sm.) DC.



1500

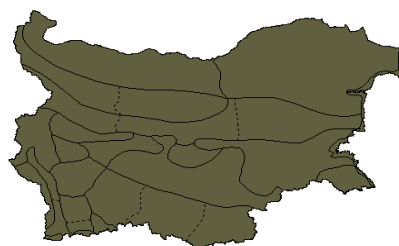
⇕

0

Boreal

Luzula multiflora

(Retz.) Lej.



1500

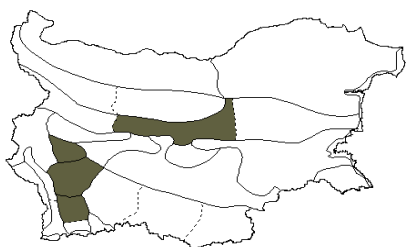
⇕

0

Kos

Luzula glabrata

(Hoppe) Desf.



2900

⇕

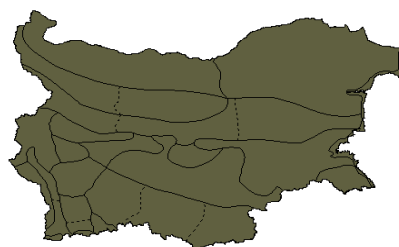
2000

!

Alp-Bal

Luzula pilosa

(L.) Willd.



1200

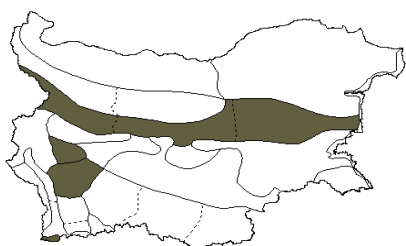
⇕

0

Boreal

Luzula italica

Parl.



2300

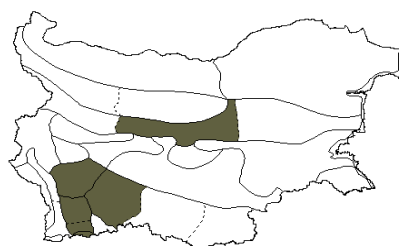
⇕

1800

subBoreal

Luzula pindica

(Hausskn.) Chr. & Krs.



2600

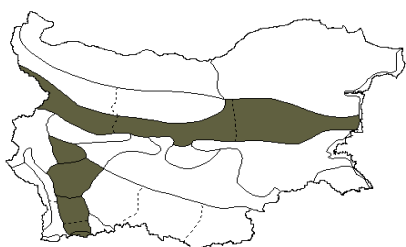
⇕

2000

subBoreal

Luzula luzulina

(Vill.) Dalla Torre & Sarnth.



2500

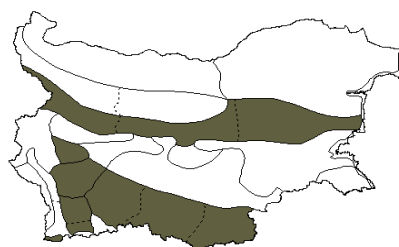
⇕

1700

Alp-Med

Luzula sudetica

(Willd.) DC.



2900

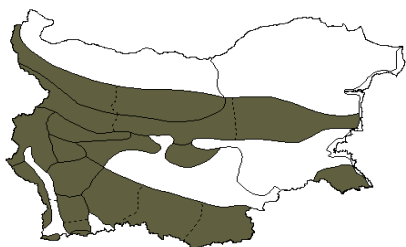
⇕

2000

Kos

Luzula sylvatica

(Hudson) Gaudin



1900

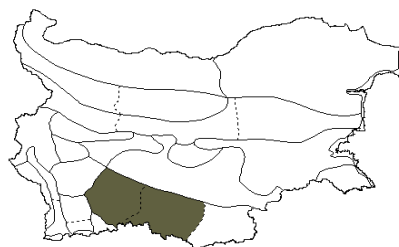


300

Eur

Lycopodiella inundata

(L.) Holub



1600



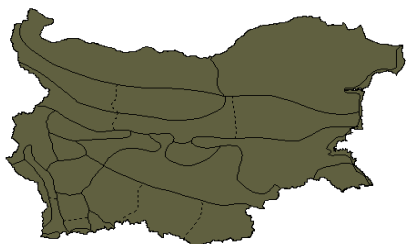
1200



Eur-NAm

Lychnis coronaria

(L.) Desr.



1500

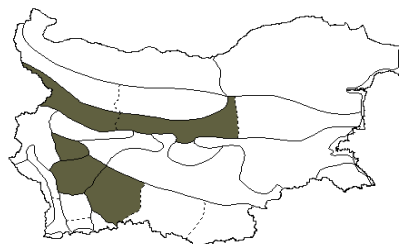


0

Med-OT

Lycopodium clavatum

L.



2200

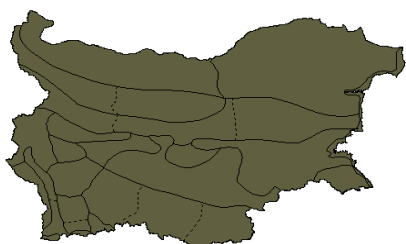


1600

Kos

Lychnis flos-cuculi

L.



1400

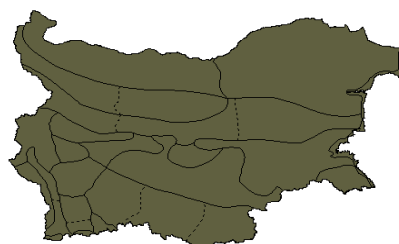


0

Eur-Sib

Lycopsis arvensis

L.



1000



0

Eur-As

Lychnis subintegra

(Hayek) Turrill



1500

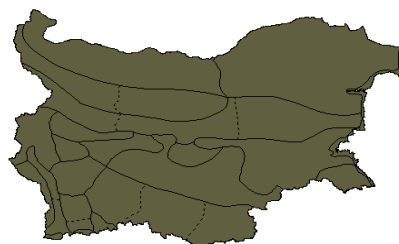


0

Bal

Lycopus europaeus

L.



1000

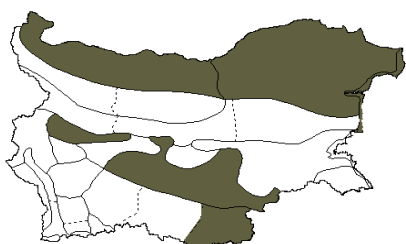


0

Eur-As

Lycium barbarum

L.



500

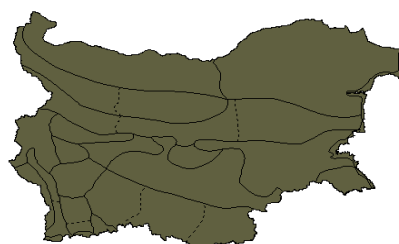


0

Adv (Med)

Lycopus exaltatus

L. f..



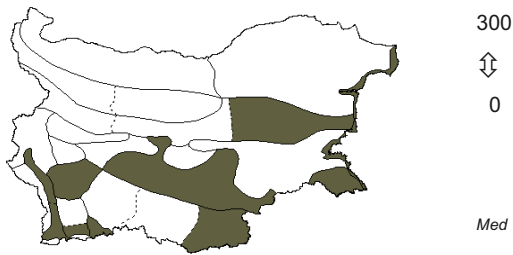
1000



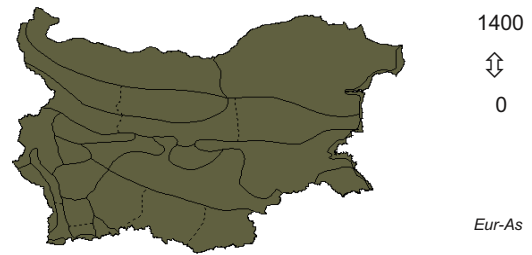
0

Eur-As

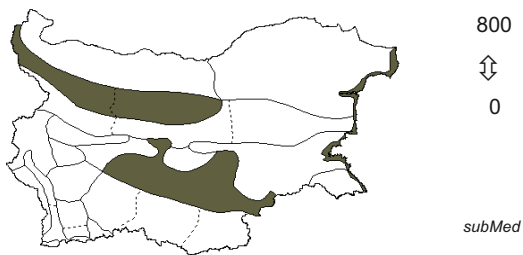
Lysimachia atropurpurea
L.



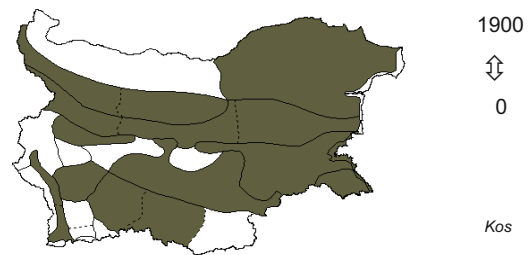
Lysimachia vulgaris
L.



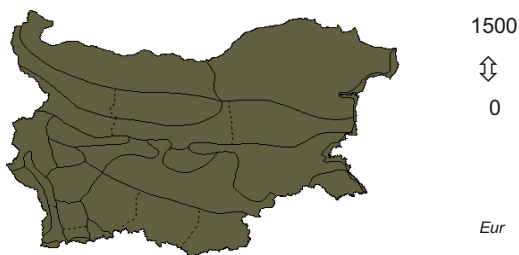
Lysimachia dubia
Sol.



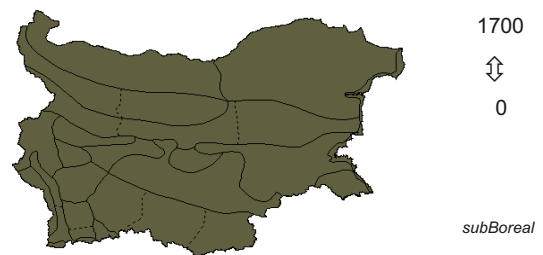
Lythrum hyssopifolia
L.



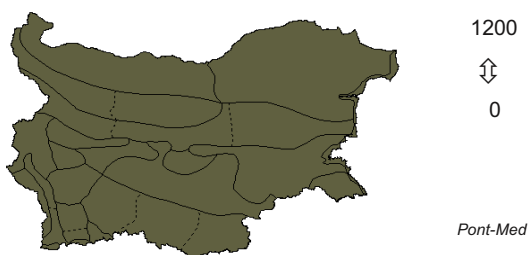
Lysimachia nummularia
L.



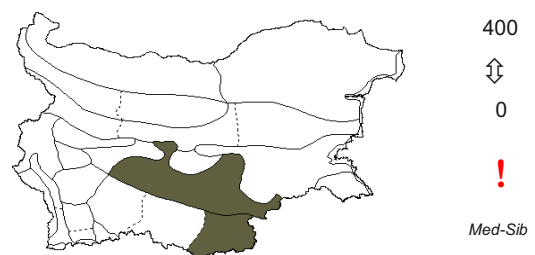
Lythrum salicaria
L.



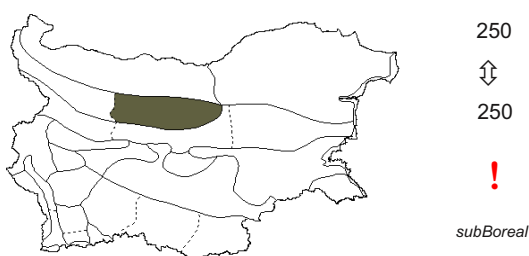
Lysimachia punctata
L.



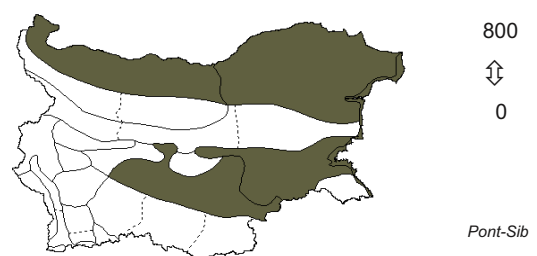
Lythrum thymifolia
L.



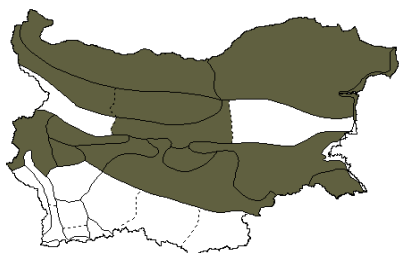
Lysimachia thyrsoflora
L.



Lythrum tribracteatum
Salzm. ex Spreng.



Lythrum virgatum
L.



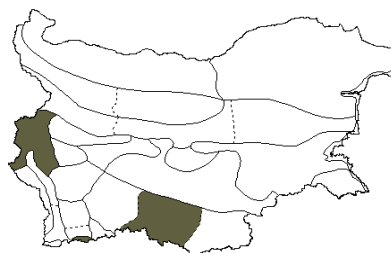
1500



100

Eur-As

Malcolmia orsiniana
(Ten.) Ten.



1500

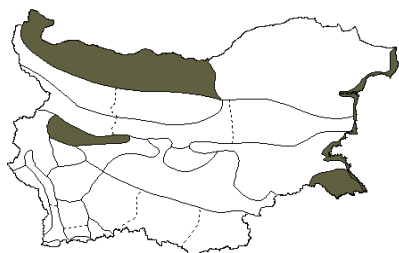


600



Bal-Ap

Mahonia aquifolium
(Pursh) Nutt.



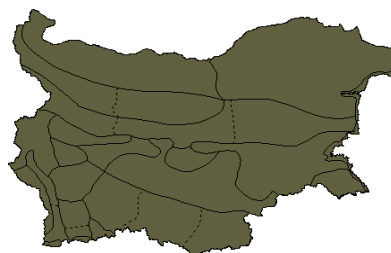
700



0

Adv (NAm)

Malus dasyphylla
Borkh.



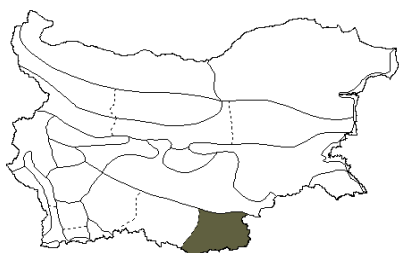
1500



0

Pann-Pont

Malabayla aurea
(Sm.) Boiss.



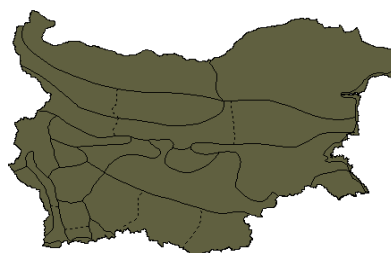
300



0

Med

Malus praecox
(Pall.) Borkh.



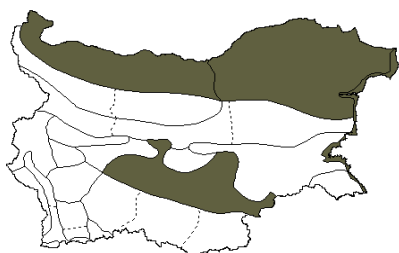
1500



0

Pont-CAs

Malabayla graveolens
(M. Bieb.) Hoffm.



1000



0

subMed

Malus sylvestris
Mill.



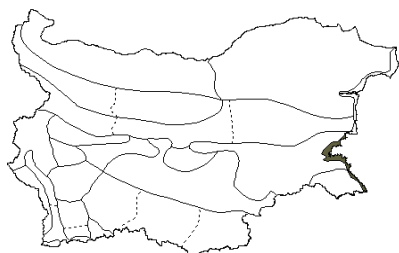
1500



300

Eur

Malcolmia africana
(L.) R.Br.



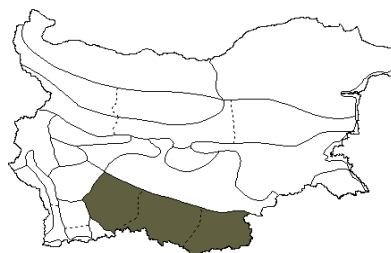
100



0

Adv (Med)

Malva alcea
L.



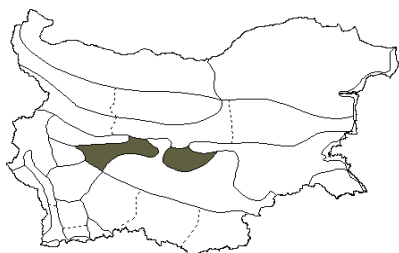
1100



300

Eur

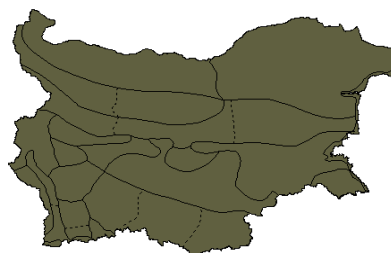
Malva crispa
(L.) L.



1000
⇕
1000

Adv (Jap-Ch)

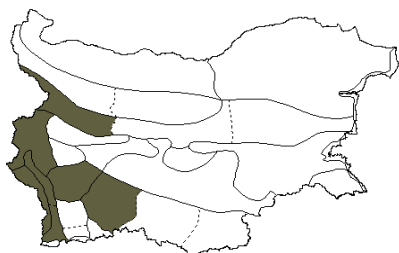
Malva sylvestris
L.



1400
⇕
0

Kos

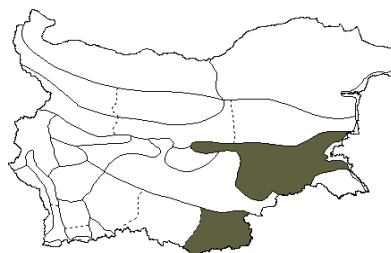
Malva moschata
L.



2000
⇕
400

subMed

Malvella sherardiana
(L.) Jaub. & Spach



500
⇕
100

Med-OT

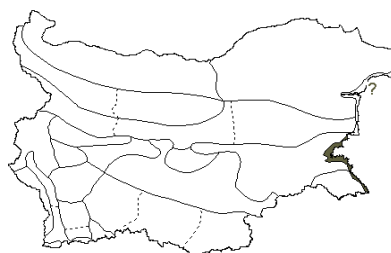
Malva neglecta
Wallr.



1500
⇕
0

subMed

Maresia nana
(DC.) Batt.

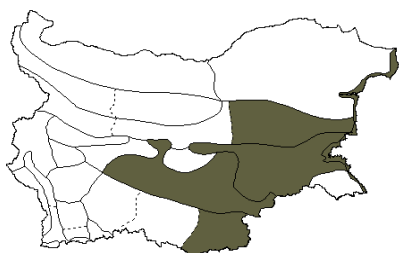


50
⇕
0

!

Med

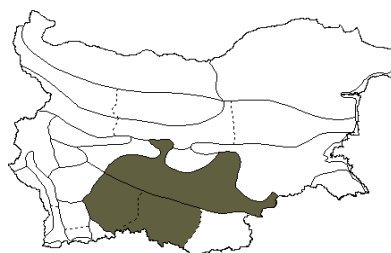
Malva nicaeensis
All.



200
⇕
0

subMed

Marrubium friwaldskyanum
Boiss.



1400
⇕
200

Bul

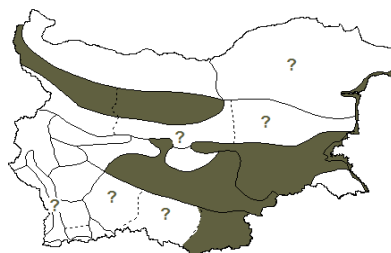
Malva pusilla
Sm.



1000
⇕
0

Eur-As

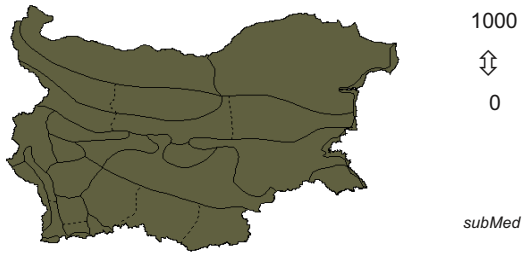
Marrubium parviflorum
Fisch. & C. A. Mey.



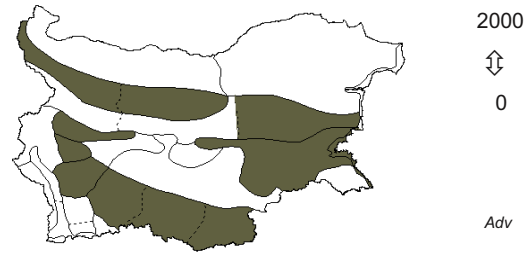
500
⇕
0

Med

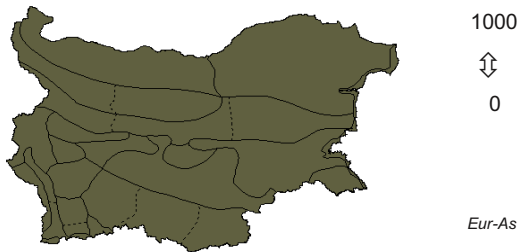
Marrubium peregrinum
L.



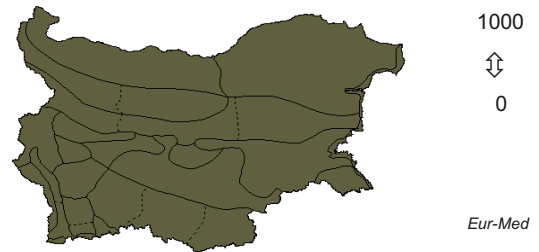
Matricaria discoidea
DC.



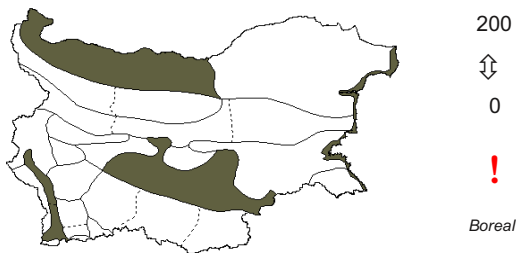
Marrubium vulgare
L.



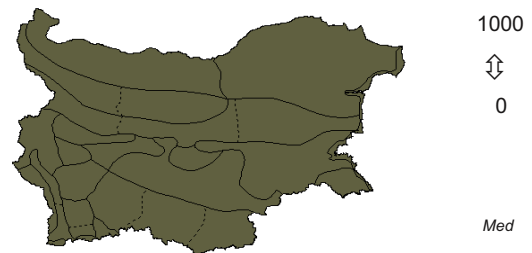
Matricaria perforata
Mérat



Marsilea quadrifolia
L.



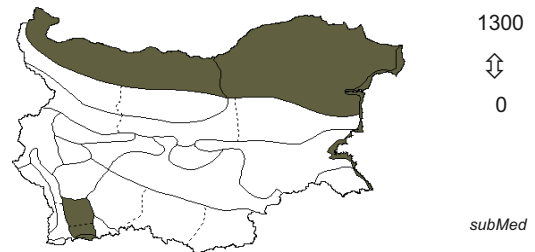
Matricaria trichophylla
(Boiss.) Boiss.



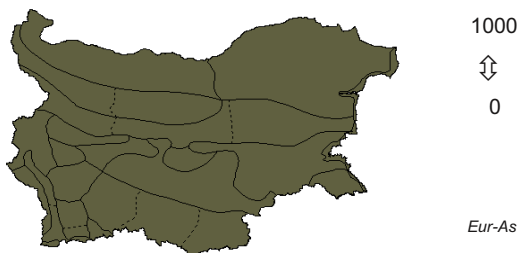
Matricaria caucasica
(Willd.) Poir.



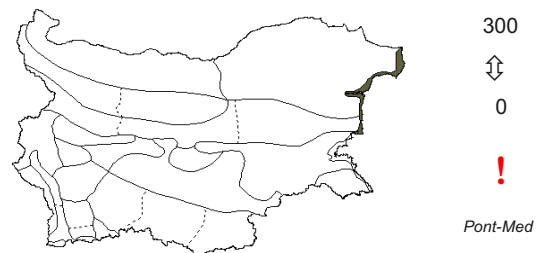
Matthiola fruticulosa
(L.) Maire



Matricaria chamomilla
L.



Matthiola odoratissima
(M. Bieb.) R. Br.



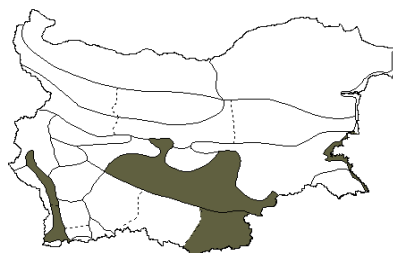
Medicago arabica
(L.) Huds.



1000
⇕
0

Eur-Med

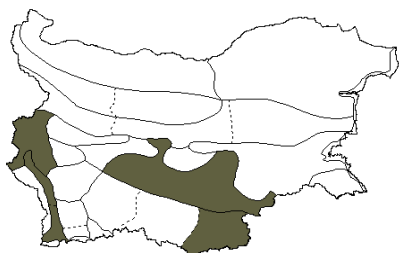
Medicago disciformis
DC.



100
⇕
0

Med

Medicago bondevii
Kožuharov



800
⇕
0

Bul

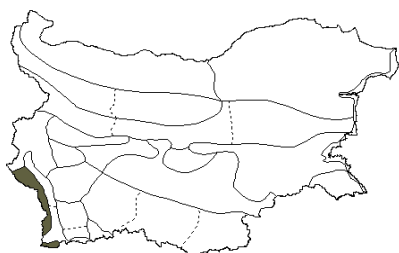
Medicago falcata
L.



1400
⇕
0

Eur-As

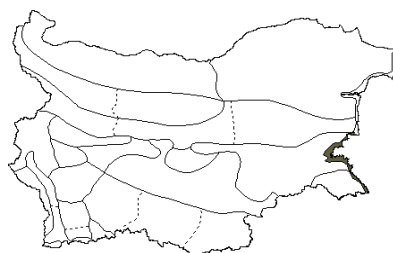
Medicago carstiensis
Wulfen



200
⇕
100

Ap-Bal

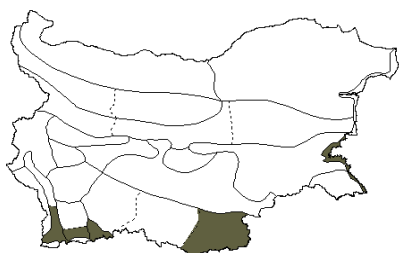
Medicago littoralis
Rihde ex Loisel.



0
⇕
0

Pont

Medicago constricta
Durieu



100
⇕
0

Med

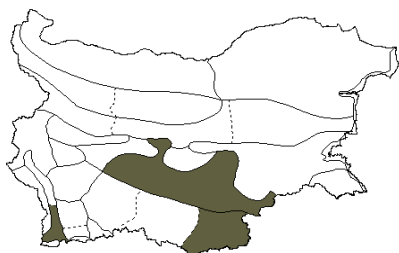
Medicago lupulina
L.



1600
⇕
0

Eur-As

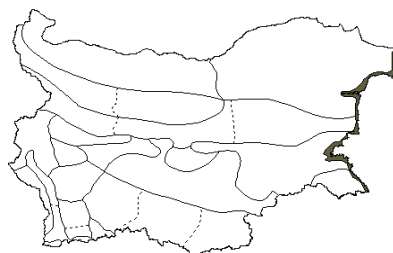
Medicago coronata
(L.) Bartal.



100
⇕
0

Med

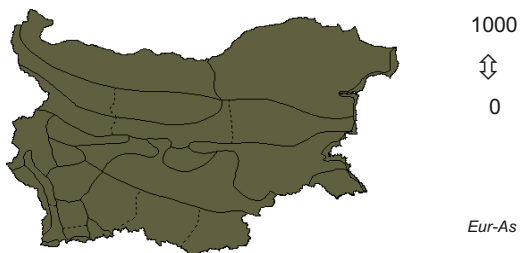
Medicago marina
L.



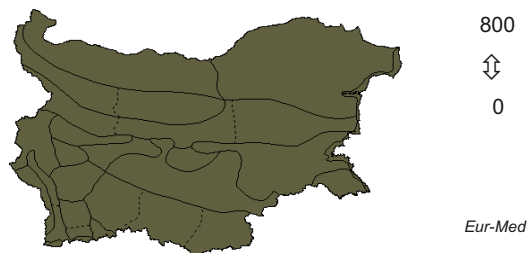
0
⇕
0

Med

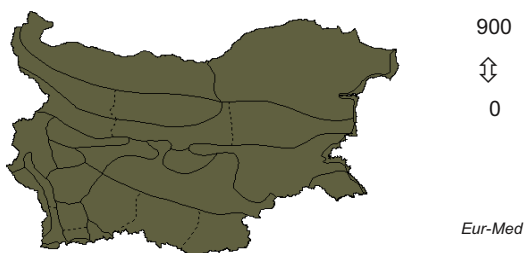
Medicago minima
(L.) Bartal.



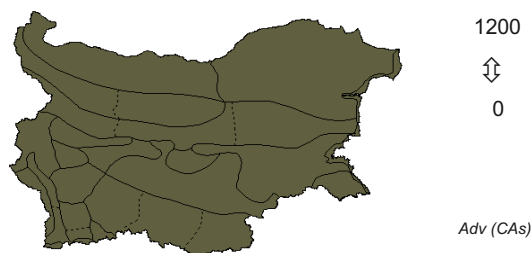
Medicago rigidula
(L.) All.



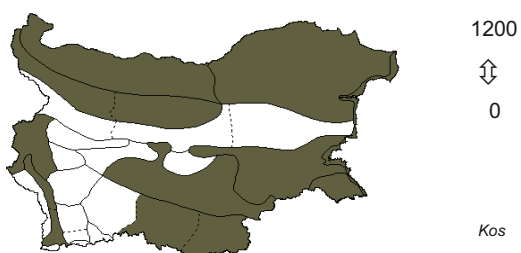
Medicago orbicularis
All.



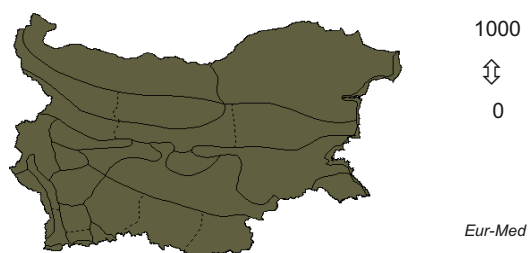
Medicago sativa
L.



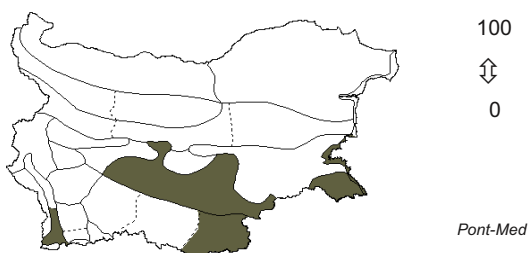
Medicago polymorpha
L.



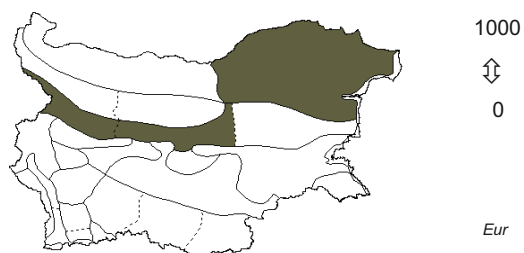
Melampyrum arvense
L.



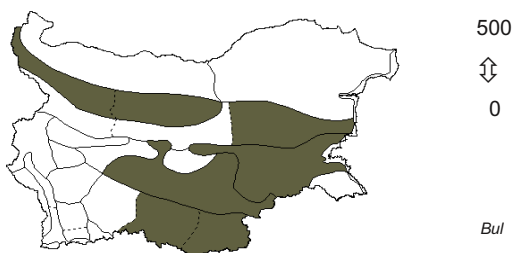
Medicago praecox
DC.



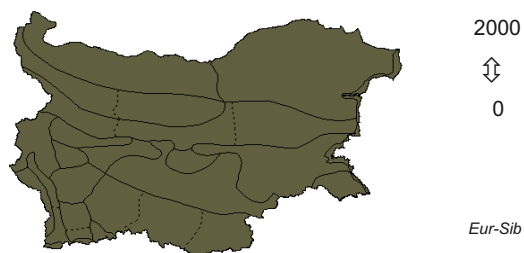
Melampyrum bihariense
A. Kern.



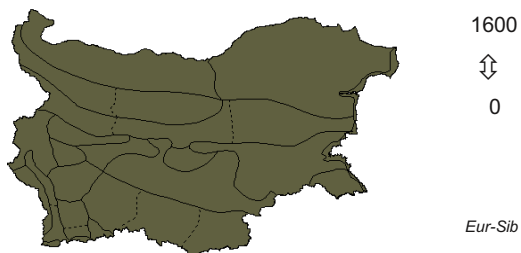
Medicago rhodopea
Velen.



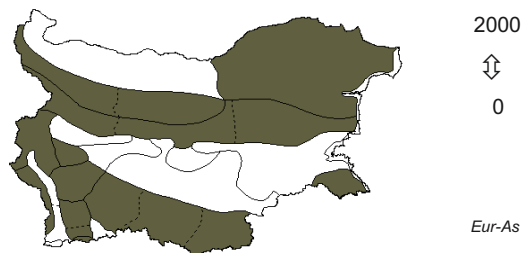
Melampyrum cristatum
L.



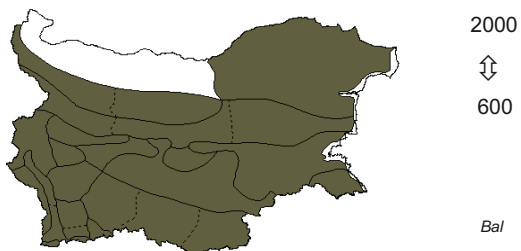
Melampyrum pratense
L.



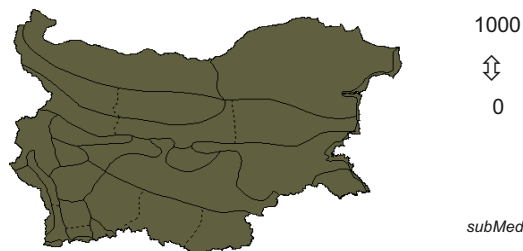
Melica nutans
L.



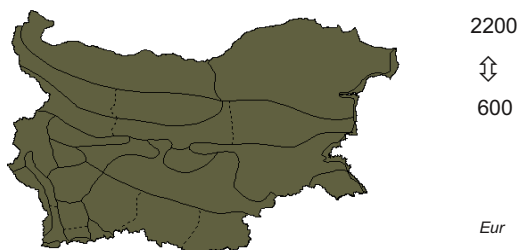
Melampyrum scardicum
Wettst.



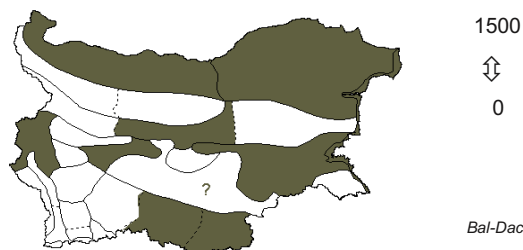
Melica picta
C. Koch



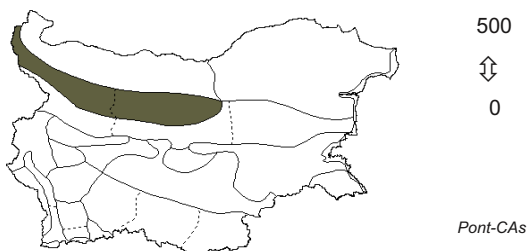
Melampyrum sylvaticum
L.



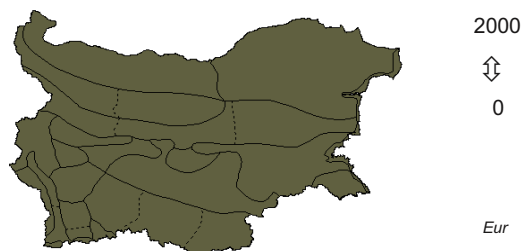
Melica transsilvanica
Schur



Melica altissima
L.



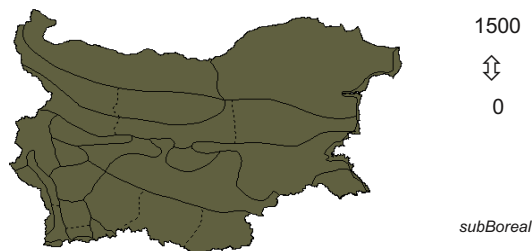
Melica uniflora
Retz.



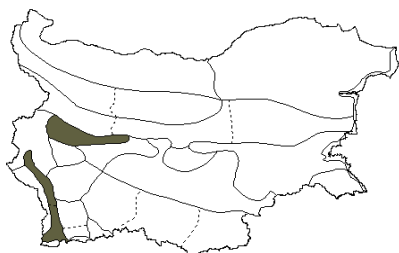
Melica ciliata
L.



Melilotus alba
Medicus



Melilotus indica
(L.) All.



300
⇕
0

Med-CAs

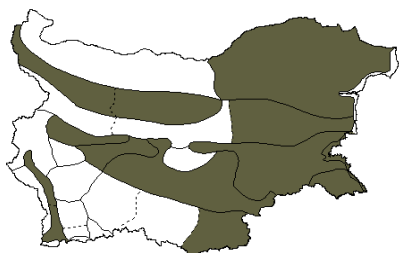
Mentha aquatica
L.



1000
⇕
0

Boreal

Melilotus neapolitana
Ten.



300
⇕
0

subMed

Mentha arvensis
L.



2000
⇕
0

Eur-As

Melilotus officinalis
(L.) Pall.



1000
⇕
0

Eur-As

Mentha longifolia
(L.) Huds.



1200
⇕
0

Eur-Sib

Melissa officinalis
L.



1200
⇕
0

subMed

Mentha pulegium
L.



1600
⇕
0

Eur-As

Melittis melissophyllum
L.



1500
⇕
0

Eur

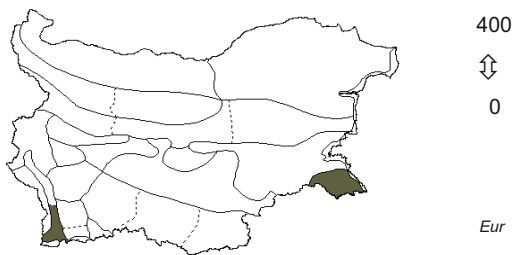
Mentha spicata
L.



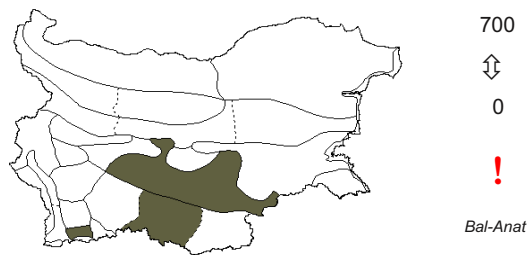
1700
⇕
0

Eur

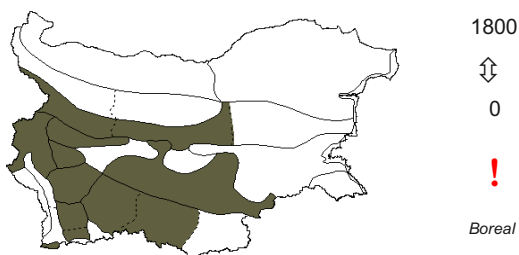
Mentha suaveolens
Ehrh.



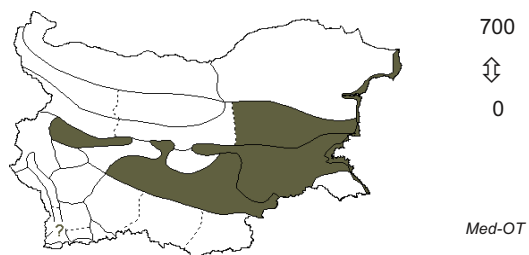
Merendera attica
(Spruner ex Tomm.) Boiss. ex Spruner



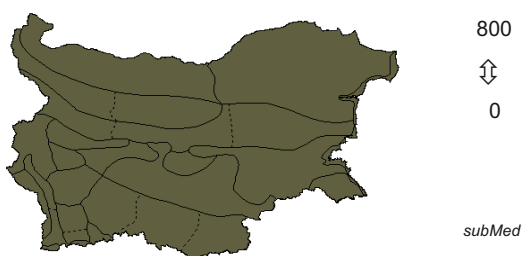
Menyanthes trifoliata
L.



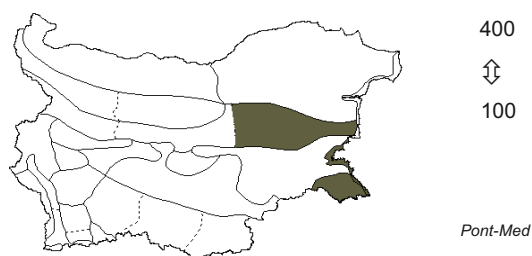
Merendera sobolifera
C. A. Mey.



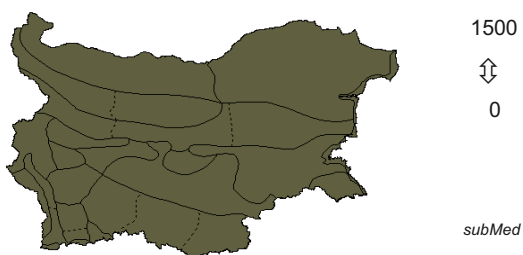
Mercurialis annua
L.



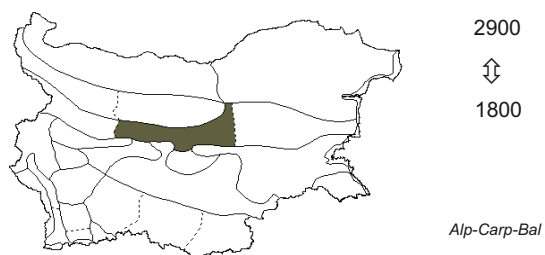
Mespilus germanica
L.



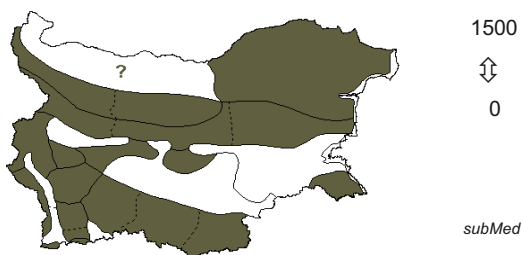
Mercurialis ovata
Sternb. & Hoppe



Meum athamanticum
Jacq.

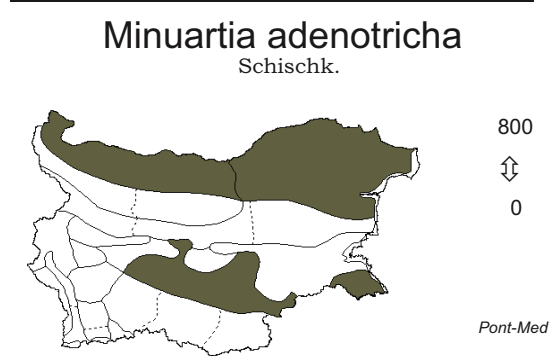
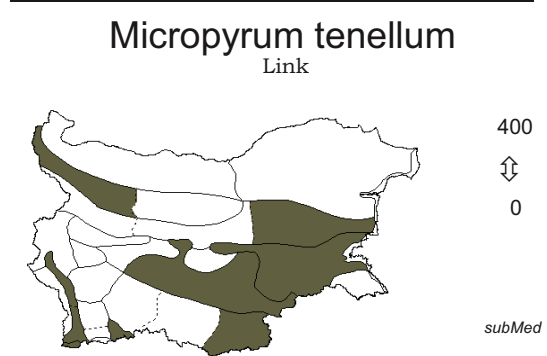
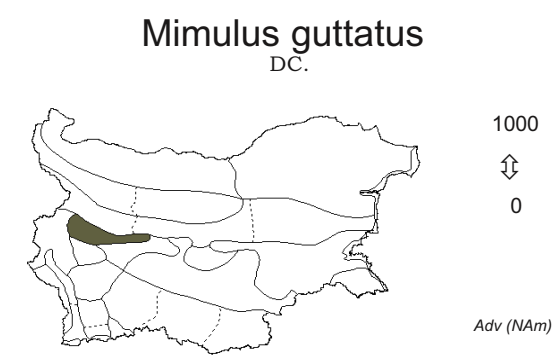
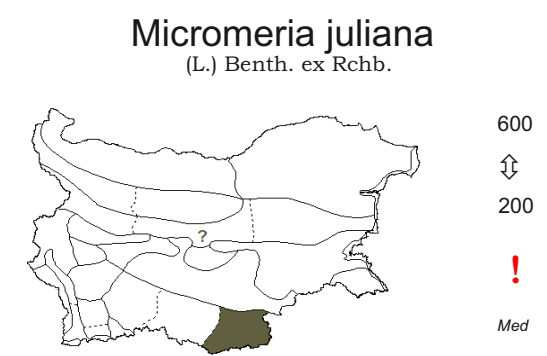
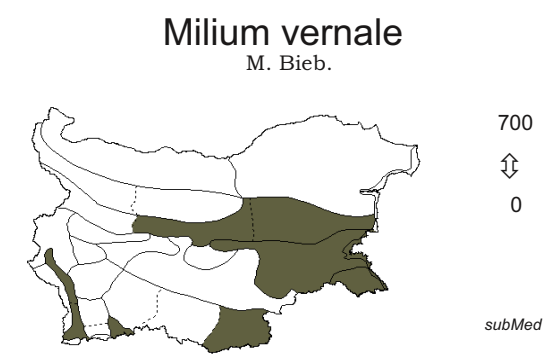
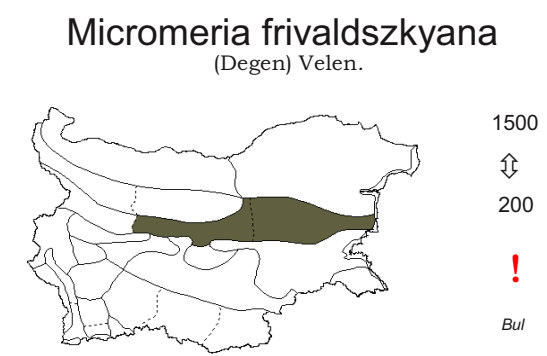
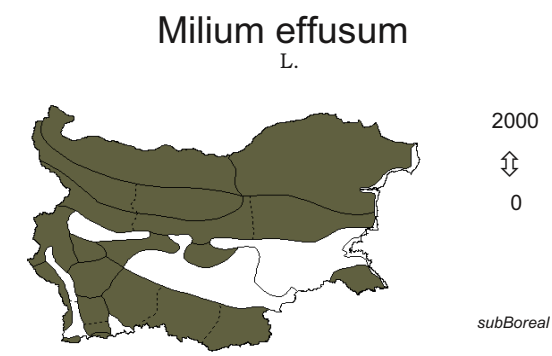
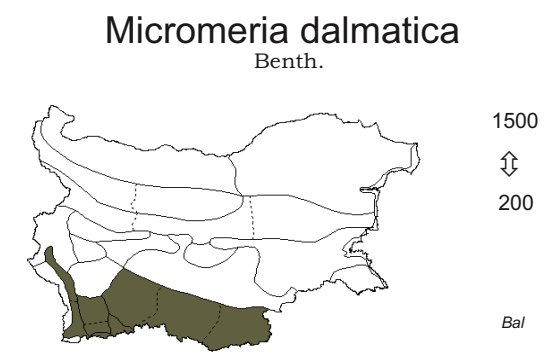
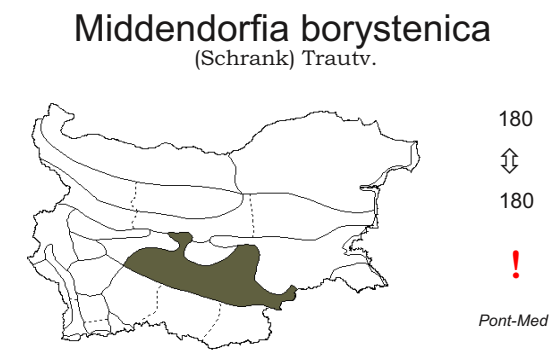
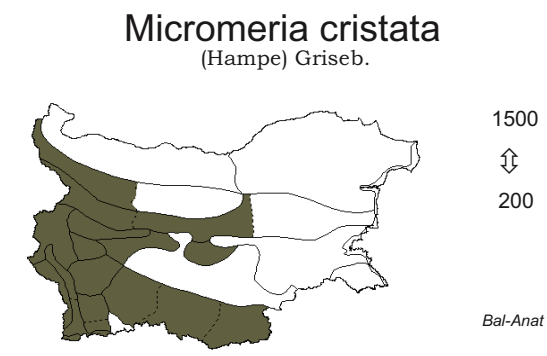


Mercurialis perennis
L.

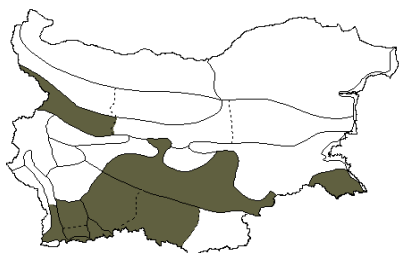


Mibora minima
(L.) Desv.





Minuartia anatolica
(Boiss.) Woron.



500
⇕
0

Bal-Anat

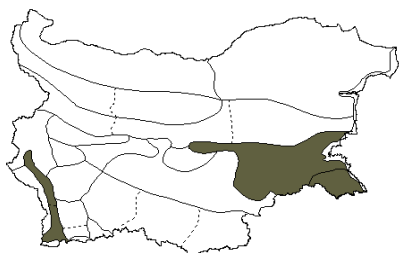
Minuartia caespitosa
(Ehrh.) Degen



1500
⇕
0

Eur-Med

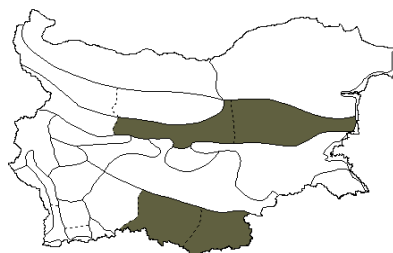
Minuartia attica
(Boiss. & Spruner) Vierh.



500
⇕
0

Med

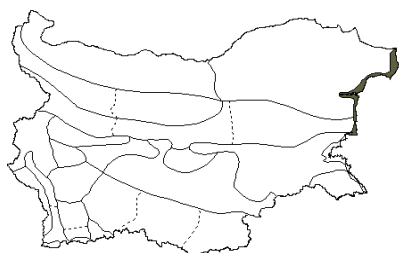
Minuartia garckeana
(Asch. & Graebn.) Mattf.



1000
⇕
0

Bal-Anat

Minuartia bilykiana
Klokov



50
⇕
0

Pont-Bal

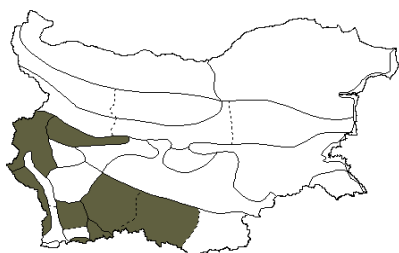
Minuartia glomerata
(M. Bieb.) Degen



2900
⇕
0

Eur-Med

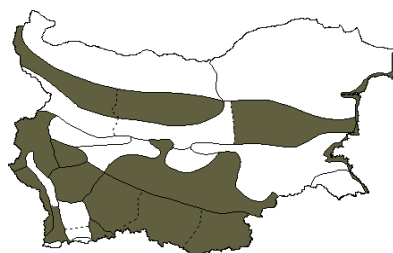
Minuartia bosniaca
(Beck) K. Maly



1500
⇕
0

Bal

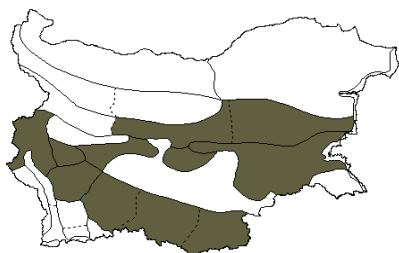
Minuartia hirsuta
(M. Bieb.) Hand.-Mazz.



2100
⇕
0

subMed

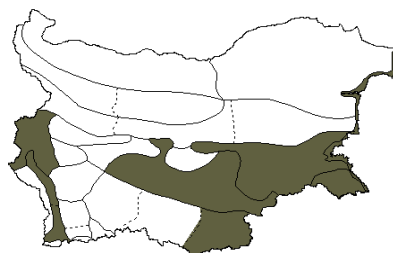
Minuartia bulgarica
(Velen.) Graebn.



1600
⇕
500

Bal

Minuartia hybrida
(Vill.) Schischk.



500
⇕
0

Med-CAs

Minuartia intermedia

Panov



0
⇕
0

Bul

Minuartia mutabilis

Schinz & Thell.

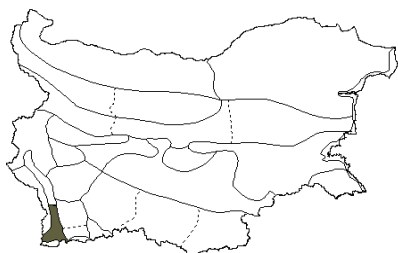


600
⇕
0

Eur

Minuartia janevii

Panov

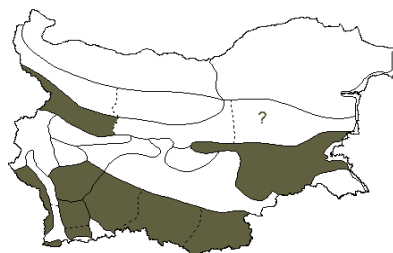


500
⇕
0

Bul

Minuartia recurva

(All.) Schinz & Thell.

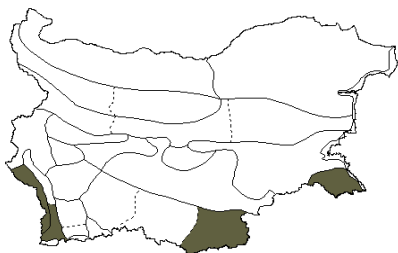


2900
⇕
1000

Med-CAs

Minuartia mediterranea

(Ledeb.) K. Maly

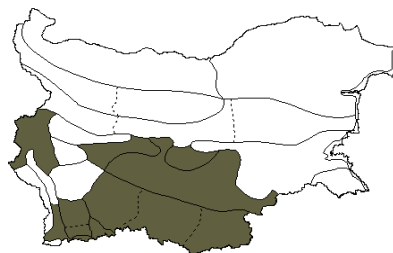


500
⇕
0

Med

Minuartia rhodopaea

(Degen) Kožuharov & Kuzmanov



1700
⇕
0

Bul

Minuartia mesogitana

(Boiss.) Hand.-Mazz.

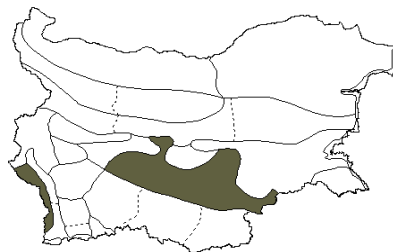


300
⇕
0

Med

Minuartia rumelica

Panov



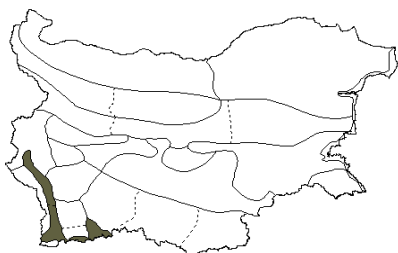
200
⇕
0

!

Bul

Minuartia montana

L.

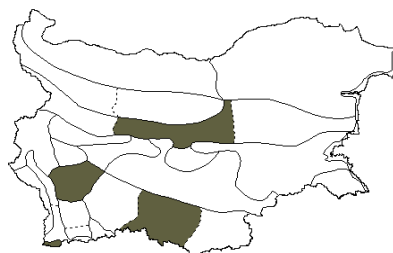


1000
⇕
0

subMed

Minuartia saxifraga

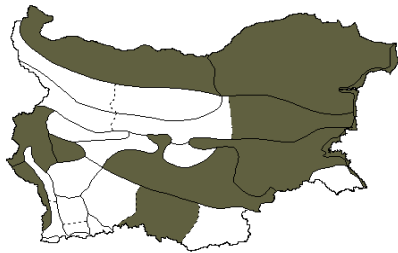
(Friv.) Graebn.



2200
⇕
700

Med

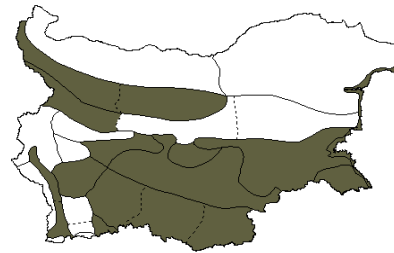
Minuartia setacea
(Thuill.) Hayek



2400
⇕
0

Pont

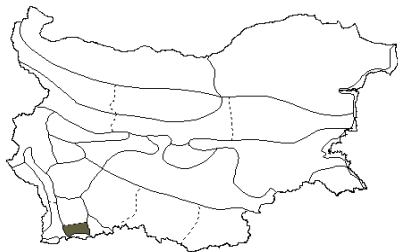
Minuartia viscosa
(Schreb.) Schinz & Thell.



1400
⇕
0

Eur-Med

Minuartia stojanovii
(Kit.) Kožuharov & Kuzmanov

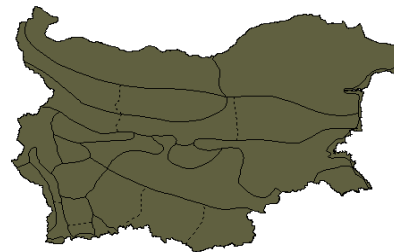


2000
⇕
2000

!

Bal

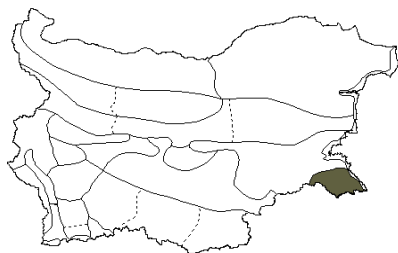
Misopates orontium
(L.) Raf.



1000
⇕
0

Eur-Med

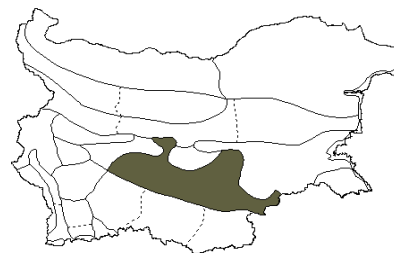
Minuartia strandjensis
Panov



500
⇕
100

Bul

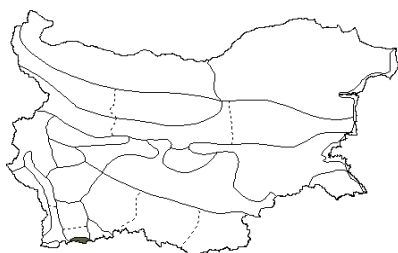
Modiola caroliniana
(L.) G. Don. f.



200
⇕
0

Adv (Am)

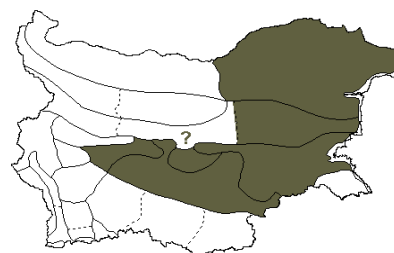
Minuartia velutina
(Boiss. & Orph.) Graebn.



1700
⇕
1000

Bal

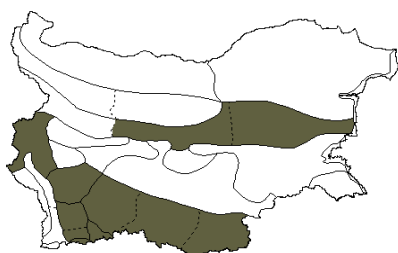
Moehringia grisebachii
Janka



700
⇕
0

Bal

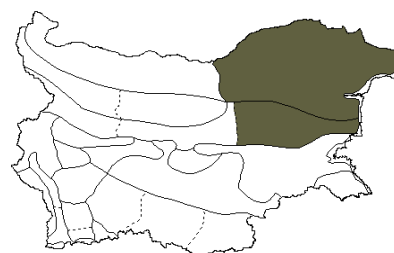
Minuartia verna
(L.) Hiern



2900
⇕
1000

subBoreal

Moehringia jankae
Griseb. ex Janka

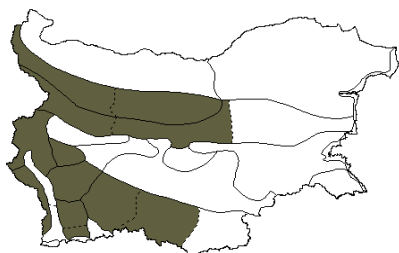


500
⇕
0

!

Bal

Moehringia muscosa
L.



2000



0

subMed

Moenchia mantica
(L.) Bartl.



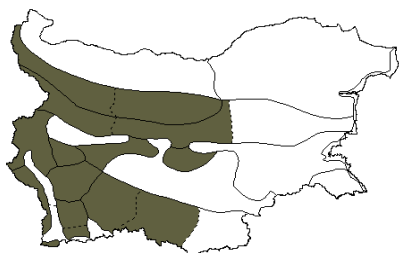
1300



0

Eur-Med

Moehringia pendula
(Waldst. & Kit.) Fenzl



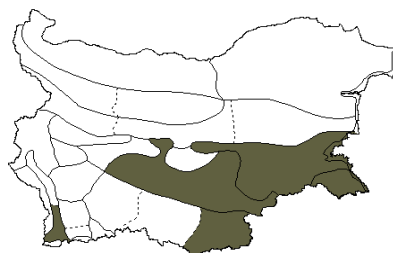
2500



700

Carp-Bal

Molineriella minuta
(L.) Rouy



500



0

Med

Moehringia trinervia
(L.) Clairv.



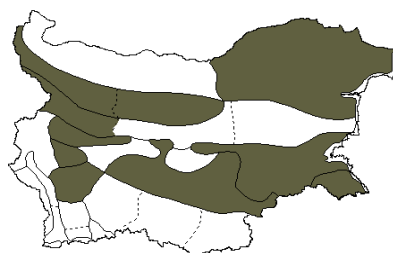
2500



0

Eur-As

Molinia arundinacea
Schrank



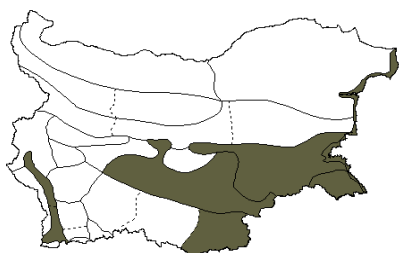
1000



0

Pann-Bal

Moenchia erecta
(L.) Gaertn., B. Meyer & Scherb.



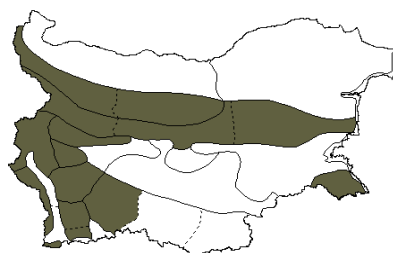
300



0

subMed

Molinia coerulea
(L.) Moench



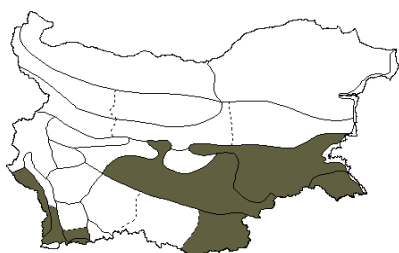
1500



0

Boreal

Moenchia graeca
Boiss. & Heldr.



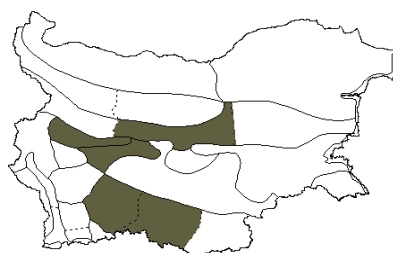
600



0

Bal-Aeg

Molinia horanzskyi
Milk.

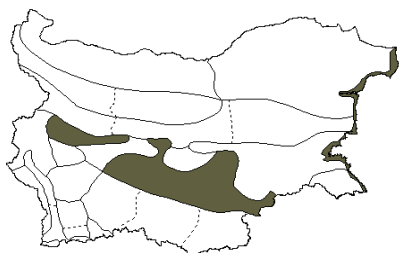


2200



800

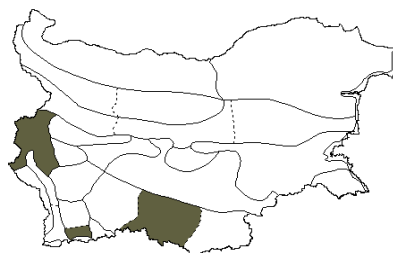
Mollugo cerviana
(L.) Ser.



600
⇕
0

Pont-Med

Morina persica
L.

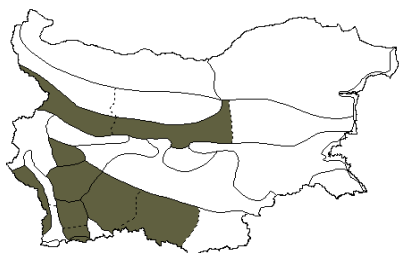


2000
⇕
1000



Med-OT

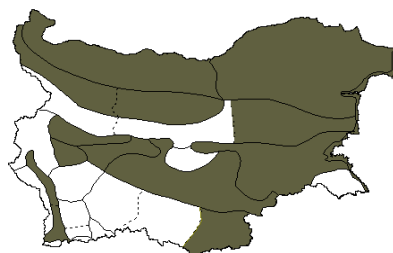
Moneses uniflora
(L.) A. Gray



2100
⇕
1300

Boreal

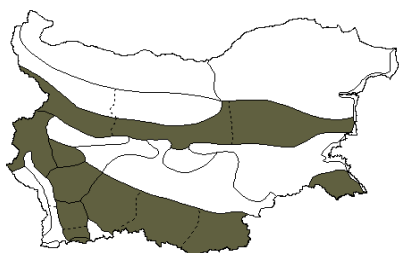
Morus alba
L.



500
⇕
0

Adv

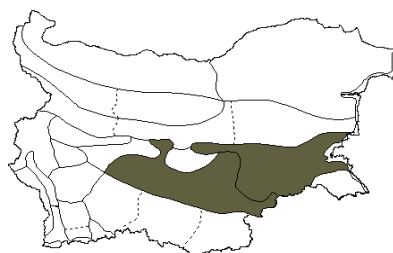
Monotropa hypopitys
L.



2000
⇕
300

Boreal

Morus nigra
L.



500
⇕
0

Adv

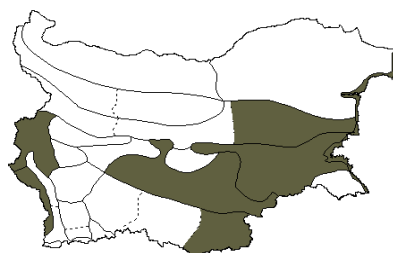
Montia fontana
L.



1100
⇕
0

Kos

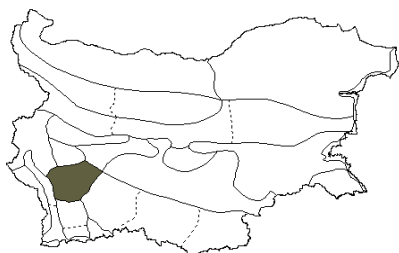
Muscari armeniacum
Leichtlin ex Baker



1000
⇕
0

Bal-Anat-Cauc

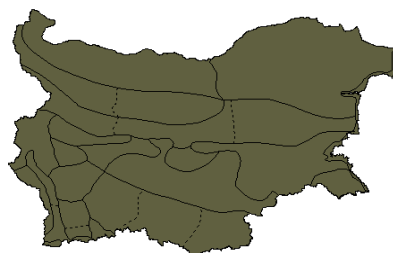
Montia sibirica
(L.) Howell



1400
⇕
1300

Adv (NAm)

Muscari botryoides
(L.) Mill.



2900
⇕
0

Med

Muscari comosum
(L.) Mill.



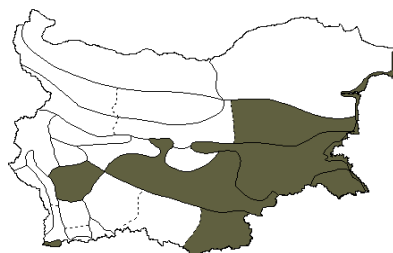
1000



0

Med

Muscari vandasii
Velen.



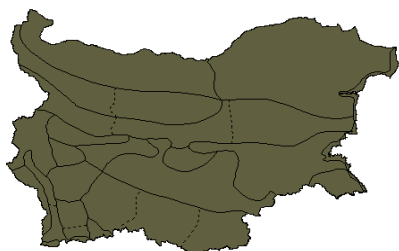
1000



0

Bul

Muscari neglectum
Guss. ex Ten.



1000



0

Med-OT

Myagrum perfoliatum
L.



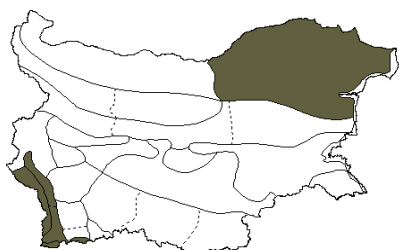
700



0

Eur-Med

Muscari pulchellum
Heldr. & Sart. ex Boiss.



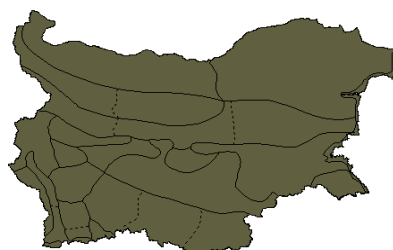
1500



0

Med-OT

Mycelis muralis
(L.) Dumort.



1500



0

Med

Muscari racemosum
DC.



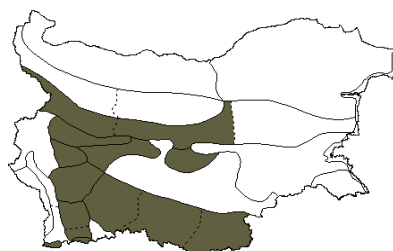
1500



0

subMed

Myosotis alpestris
F. W. Schmidt



2900



1500

Eur-Med

Muscari tenuiflorum
Tausch



2900



1000

Pont-Med

Myosotis arvensis
(L.) Hill



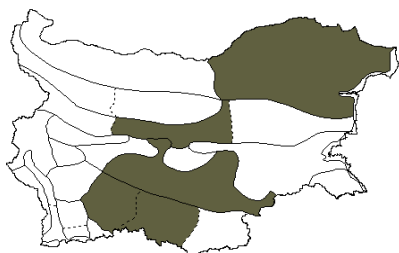
1700



0

Eur-As

Myosotis aspera
Velen.



1000



100

Bul

Myosotis laxa
Lehm.



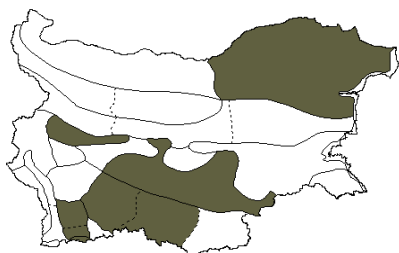
1500



0

subBoreal

Myosotis cadmea
Boiss.



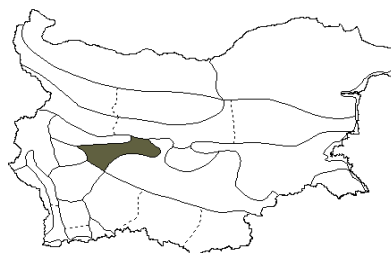
1800



100

Med

Myosotis margaritae
Štěpánková



1000



400

Bal-Dac

Myosotis cyanea
(Boiss. & Heldr.) Peev et N. Andreev



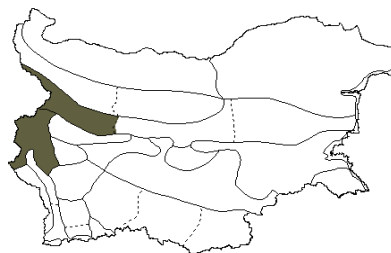
1900



300

Med-SAs

Myosotis michaelae
Štěpánková



1000



0

Eur

Myosotis incrassata
Guss.



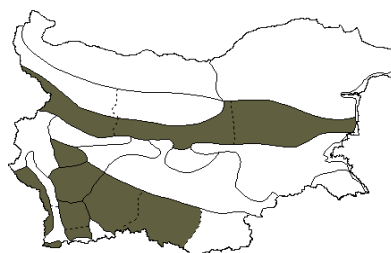
800



0

subMed

Myosotis nemorosa
Besser



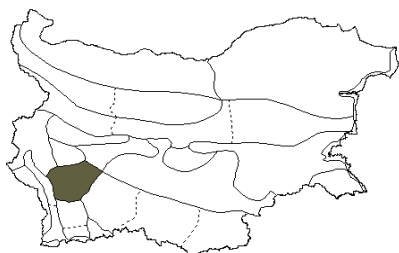
2900



1000

subMed-As

Myosotis jordanovii
N. Andreev & Peev



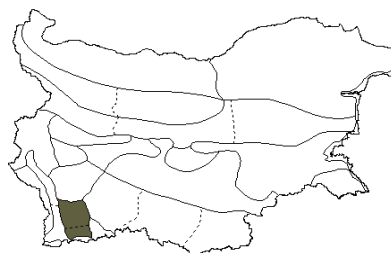
2300



1500

Bul

Myosotis olympica
Boiss.



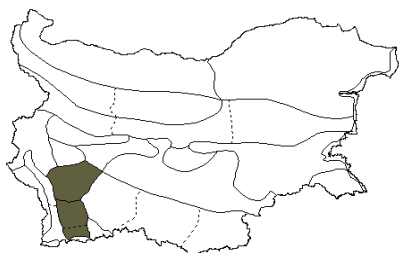
2900



2000

Bal-Anat

Myosotis orbelica
(Velen.) Peev & N. Andreev



2900
⇕
1800

Bul

Myosotis sparsiflora
Mikan ex Pohl



2000
⇕
300

Eur-As

Myosotis ramosissima
Rochel



1500
⇕
0

subMed

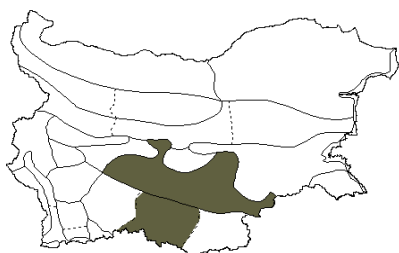
Myosotis stricta
Link ex Roem. & Schult.



1000
⇕
0

Eur-As

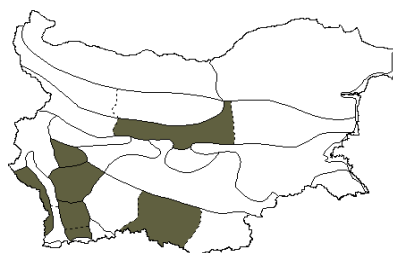
Myosotis rhodopea
Velen.



300
⇕
0

Bul

Myosotis suaveolens
Waldst. & Kit.



2900
⇕
1500

Bal

Myosotis scorpioides
L.



2000
⇕
0

Eur-NAm

Myosotis sylvatica
Ehrh. ex Hoffm.



2300
⇕
300

Eur-As

Myosotis sicula
Guss.



1200
⇕
0

Eur-As

Myosoton aquaticum
(L.) Moench



1200
⇕
0

Eur-As

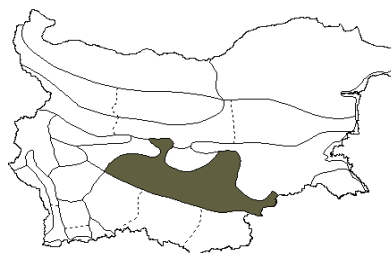
Myosurus minimus
L.



500
⇕
0

Eur-Sib

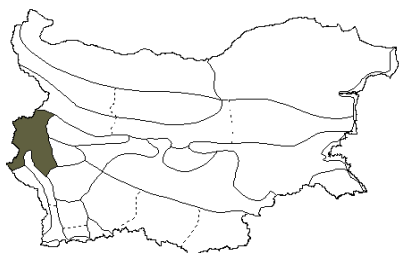
Najas graminea
Delile



200
⇕
0

Adv (Paleo)

Myricaria germanica
(L.) Desv.

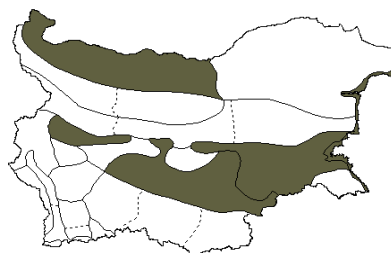


1000
⇕
0

!

Eur-WAs

Najas marina
L.



600
⇕
0

Boreal

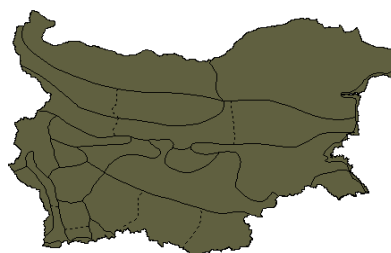
Myriophyllum spicatum
L.



500
⇕
0

Boreal

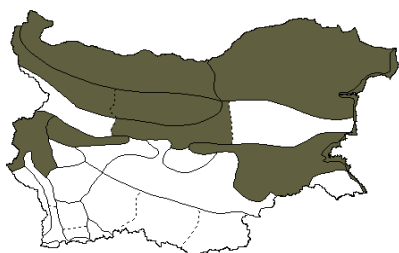
Najas minor
All.



900
⇕
0

Adv (Paleo)

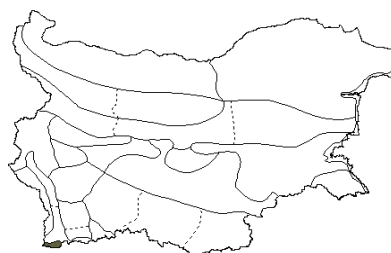
Myriophyllum verticillatum
L.



600
⇕
0

Boreal

Narcissus pseudonarcissus
L.



1000
⇕
500

Adv

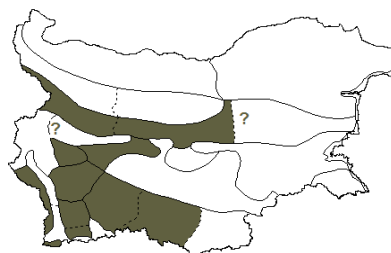
Myrrhoides nodosa
(L.) Cannon



800
⇕
0

Eur-As

Nardus stricta
L.



2400
⇕
1200

Arct-Alp

Nasturtium officinale

R. Br.



1500



0

Eur-As

Nepeta nuda

L.



1900

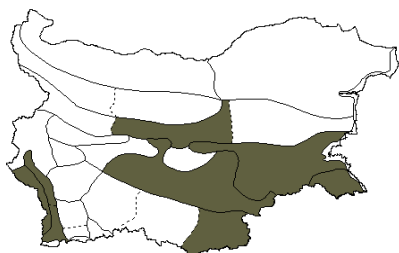


0

Eur-As

Neatostema apulum

(L.) I. M. Johnst.



1000

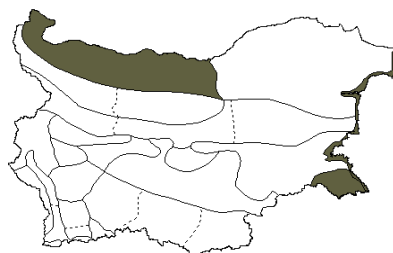


0

Med

Nepeta parviflora

M. Bieb.



300



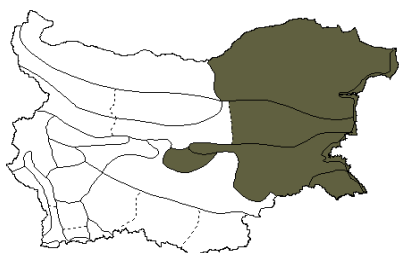
0



subMed

Nectaroscordum siculum

(Ucria) Lindl.



1000

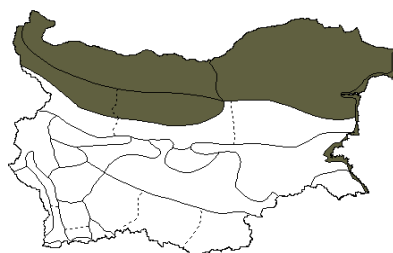


0

Pont-Med

Nepeta ucranica

L.



300



0



Eur-As

Neottia nidus-avis

(L.) Rich.



1800



0

Eur-As

Neslia paniculata

(L.) Desv.



1000



0

As

Nepeta cataria

L.



1500

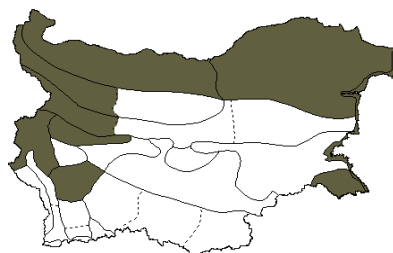


0

Eur-As

Nicandra physaloides

(L.) Gaertn.



400



0

Adv (SAm)

Nigella arvensis
L.



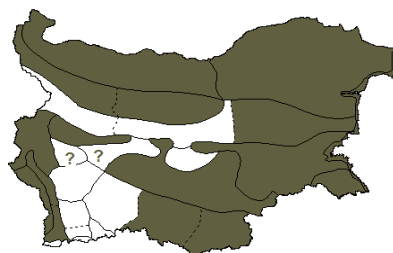
1000



0

subMed

Nonea atra
Griseb.



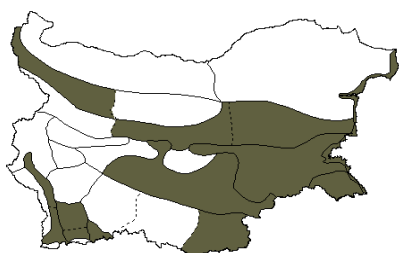
1000



0

subBal

Nigella damascena
L.



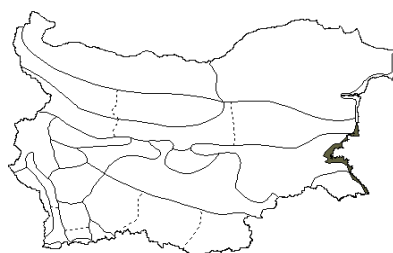
700



0

subMed

Nonea obtusifolia
(Willd.) DC.



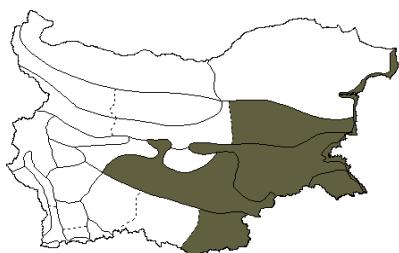
0



0

Med

Nigella elata
Boiss.



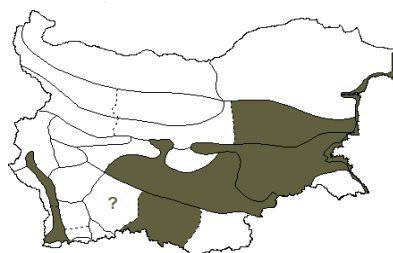
500



0

Pont-Med

Nonea pallens
Petrovič



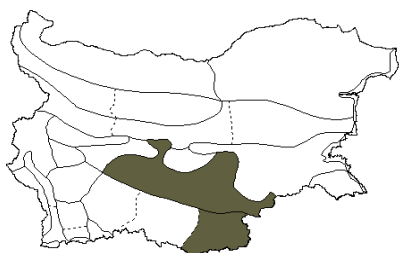
1000



0

Pont

Nigella orientalis
L.



700



0



subMed

Nonea pulla
(L.) DC.



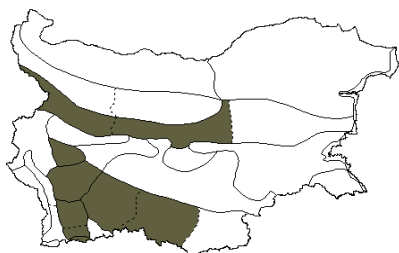
1000



0

subMed

Nigritella nigra
(L.) Rchb. f.



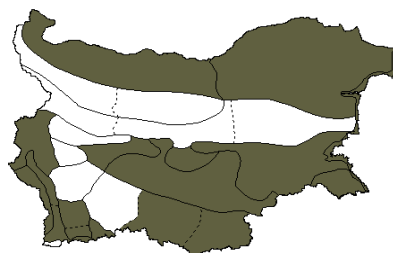
2700



1700

Eur

Nonea ventricosa
(Sm.) Griseb.



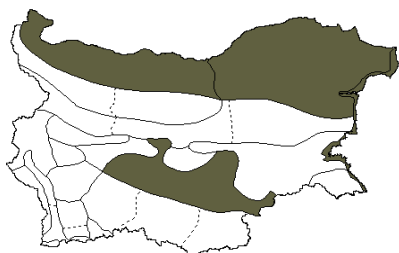
1000



0

subMed

Nuphar lutea
(L.) Sm.



200



0



Eur-As

Odontites serotina
(Lam.) Dumort.



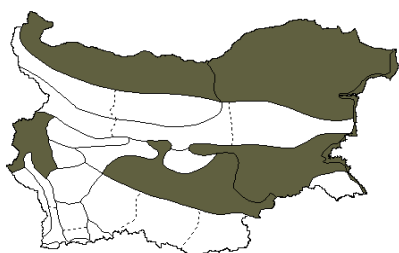
1000



0

Eur

Nymphaea alba
L.



200

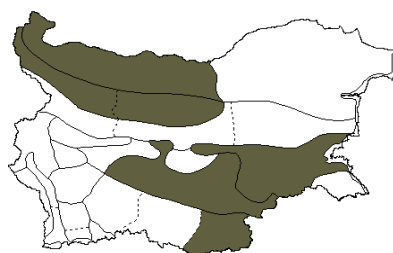


0



Eur-Med

Oenanthe angulosa
Griseb.



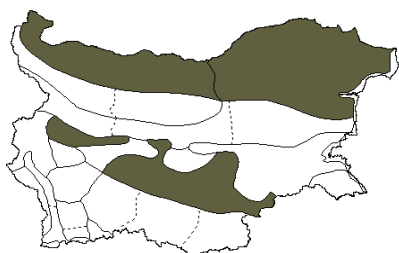
800



0

subMed

Nymphoides peltata
(S. G. Gmel.) Kuntze



100



0



Eur-Sib

Oenanthe aquatica
(L.) Poir.



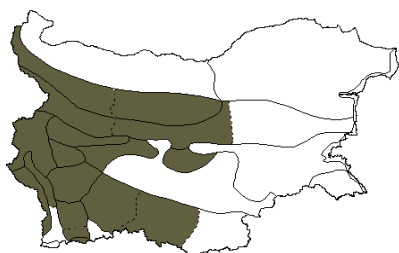
1000



0

Eur-Sib

Odontites glutinosa
(M. Bieb.) Benth.



2000



200

Pont-Med

Oenanthe banatica
Heuff.



1600



0

Pont

Odontites lutea
(L.) Clairv.



1800



300

Eur

Oenanthe fistulosa
L.



1000

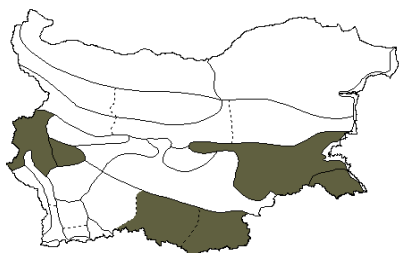


0

Eur-Med

Oenanthe lachenalii

C. C. Gmel.



1000

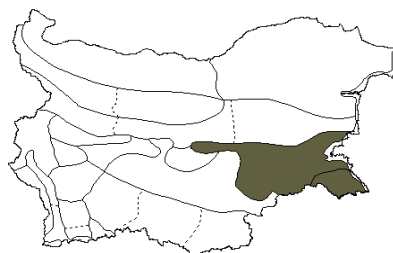


0

subMed

Oenanthe tenuifolia

Boiss. & Orhp.



300



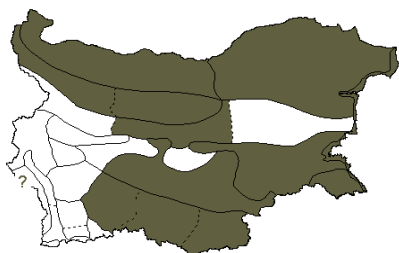
0



Bal

Oenanthe millefolia

Janka



1000



0

Bul

Oenothera biennis

L.



400

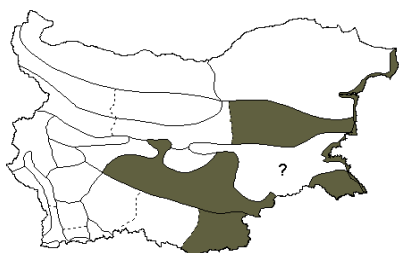


0

Adv (Am)

Oenanthe pimpinelloides

L.



500

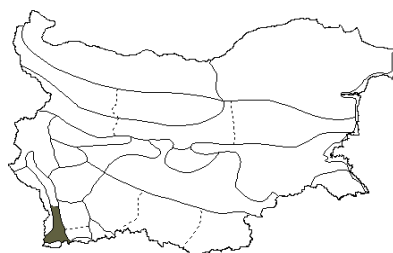


0

Eur-Med

Oenothera bulgarica

Delip.



500



0

Bul (Adv)

Oenanthe silaifolia

M. Bieb.



1600

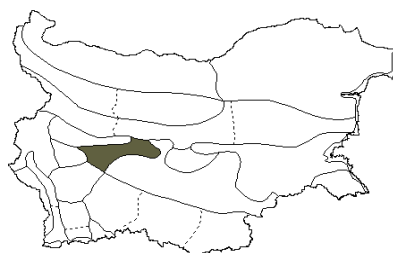


0

Eur-Med

Oenothera parviflora

L.



600

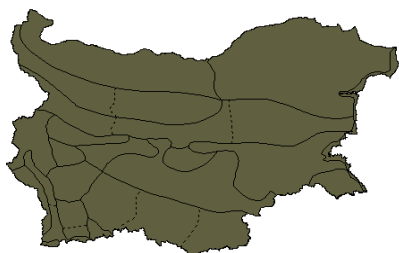


600

Adv (NAm)

Oenanthe stenoloba

Schur



1700

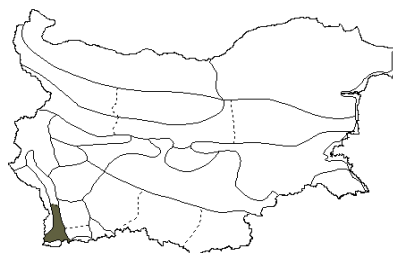


0

subMed

Oenothera stricta

Ledeb. ex Link



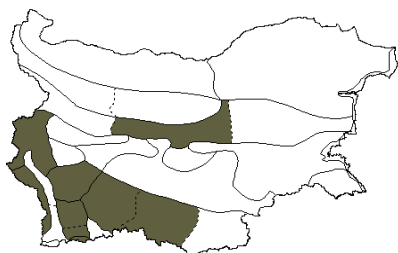
200



0

Adv (NAm)

Omalotheca norvegica
(Gunn.) Sch. Bip. & F. Schul.



1000
⇕
0

Boreal

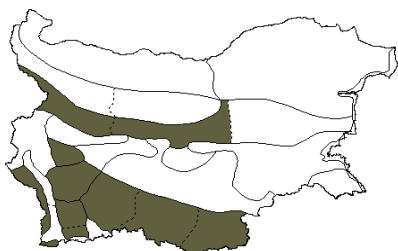
Onobrychis arenaria
(Kit.) DC.



1200
⇕
0

SPont

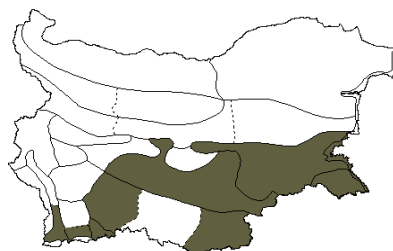
Omalotheca supina
(L.) DC.



2900
⇕
2000

Boreal

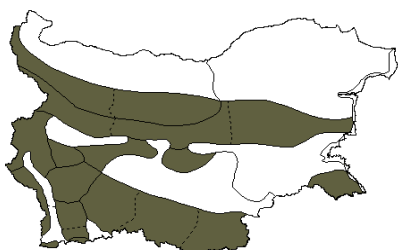
Onobrychis caput-gali
(L.) Lam.



300
⇕
0

subMed

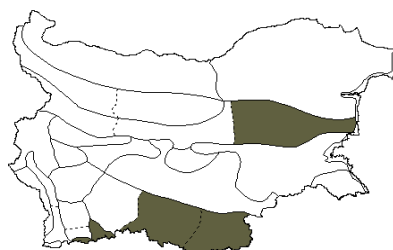
Omalotheca sylvatica
(L.) Sch. Bip. & F. Schul.



2000
⇕
1000

Eur-WAs

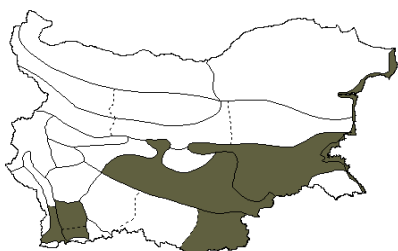
Onobrychis degenii
Dörfl.



800
⇕
0

Bal

Onobrychis aequidentata
(Sm.) D'Urv.



300
⇕
0

subMed

Onobrychis gracilis
Besser



800
⇕
0

Pont-Med

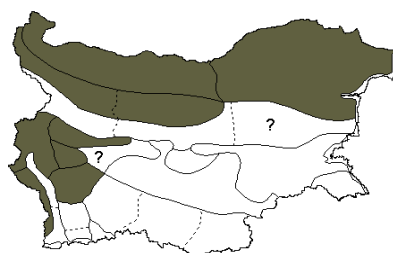
Onobrychis alba
(Waldst. & Kit.) Desv.



1700
⇕
200

subMed

Onobrychis inermis
Steven



1000
⇕
0

Pont-Med

Onobrychis lasiostachya
Boiss.



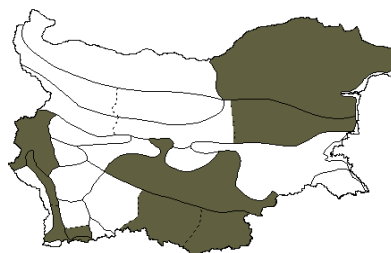
800



0

Bal-Anat

Ononis adenotricha
Boiss.



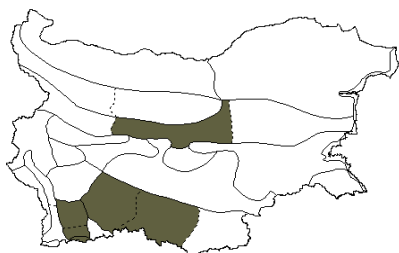
1200



100

Med

Onobrychis montana
DC.



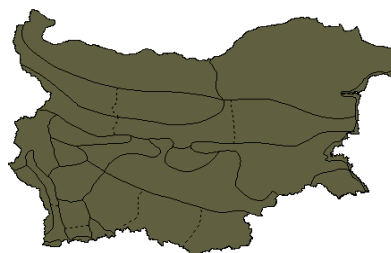
2200



0

Carp-Bal

Ononis arvensis
L.



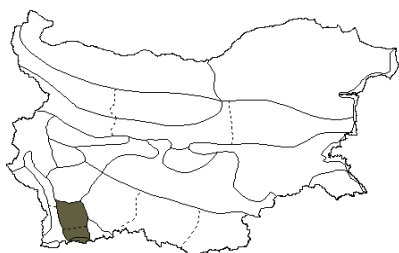
1600



0

Eur-As

Onobrychis pindicola
Hausskn.



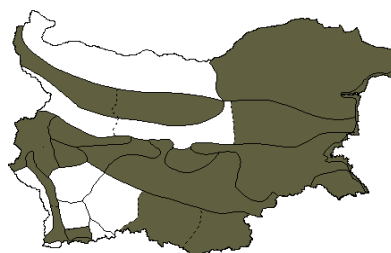
2200



1500

Bal

Ononis pusilla
L.



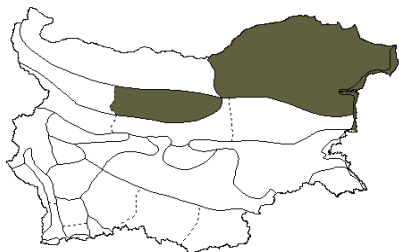
1000



0

subMed

Onobrychis tanaitica
Spreng.



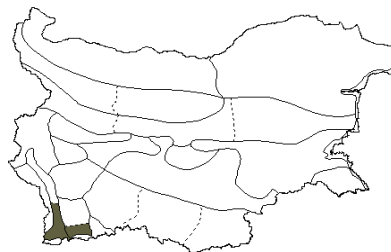
600



0

Pont-Sib

Ononis reclinata
L.



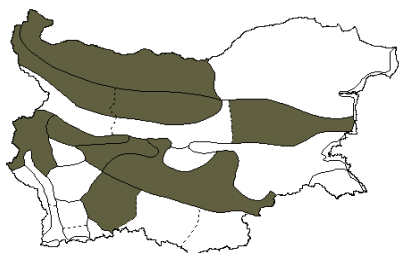
500



100

subMed

Onobrychis viciifolia
Scop.



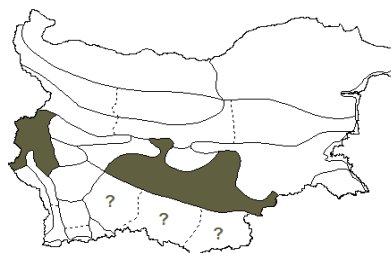
600



0

Eur

Ononis repens
L.



1500

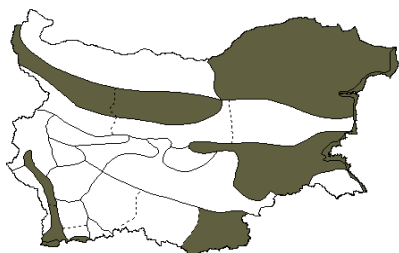


0



Eur

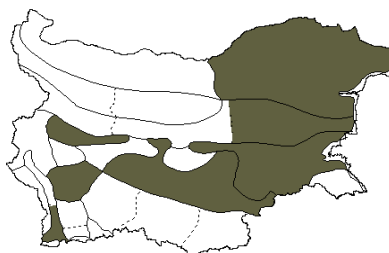
Ononis spinosa
L.



300
⇕
0

Eur-As

Onosma arenaria
Waldst. & Kit.



700
⇕
0

Eur

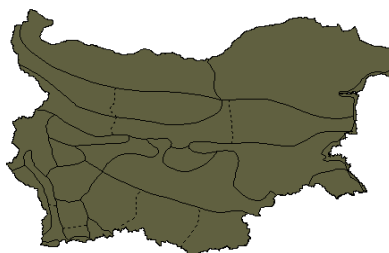
Onopordum acanthium
L.



1500
⇕
0

Eur-Med

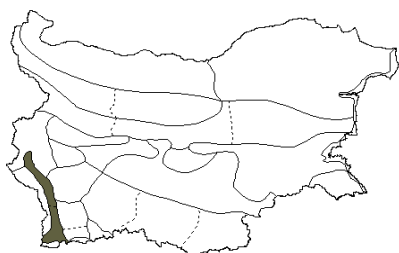
Onosma aucherana
DC.



1800
⇕
0

subMed

Onopordum bracteatum
Boiss. & Heldr.



100
⇕
0

!

Med

Onosma echioides
L.



1500
⇕
0

Med

Onopordum illyricum
L.



100
⇕
0

Pont-Med

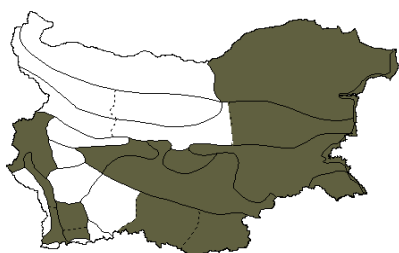
Onosma heterophylla
Griseb.



1500
⇕
0

subMed

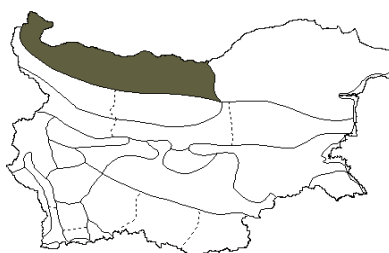
Onopordum tauricum
Willd.



1000
⇕
0

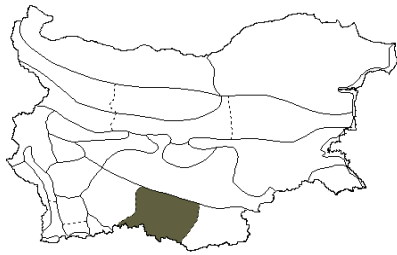
Med

Onosma lypskyi
Klokov



500
⇕
0

Onosma malkarmayorum
Teppner



1700



700

Bul

Onosma taurica
Pall. ex Willd.



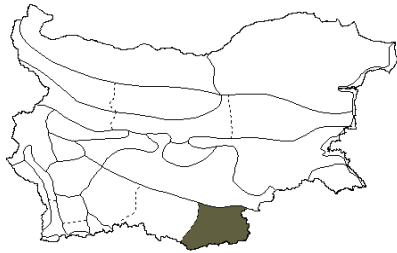
1200



0

subMed

Onosma pavlovii
Petrova & Kit Tan



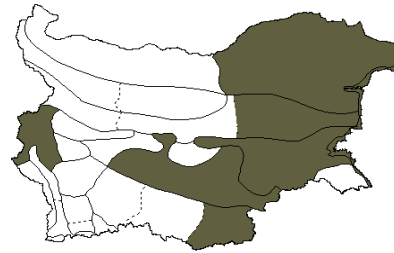
450



350

Bul

Onosma thracica
Velen.



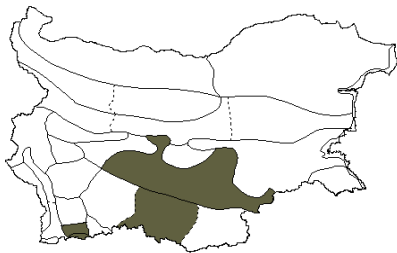
600



0

Bal

Onosma rhodopea
Velen.



1500

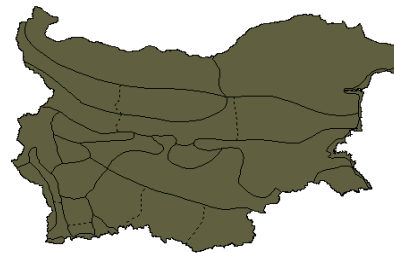


500



Bal

Onosma visianii
Clementi



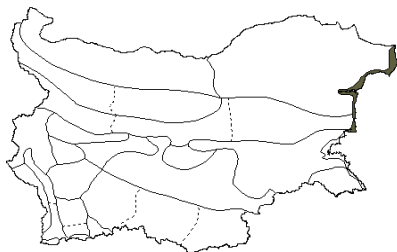
1800



0

Pont-Med

Onosma rigida
Ledeb.

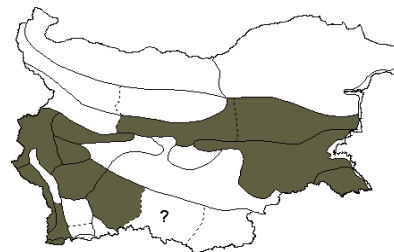


100



0

Ophioglossum vulgatum
L.



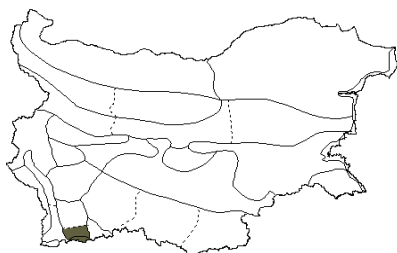
2000



0

Boreal

Onosma stojanoffii
(Turrill) Teppner



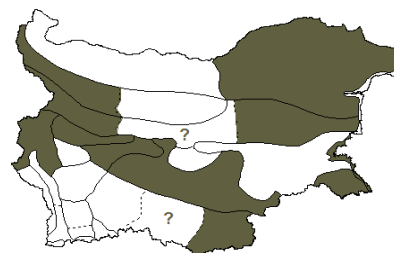
1000



0

Bal

Ophrys apifera
Huds.



1000



0



Eur

Ophrys cornuta
Steven



1400

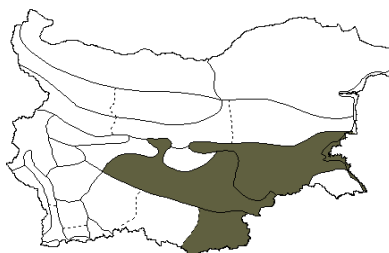


0



Bal-Anat

Opopanax hispidum
(Friv.) Griseb.



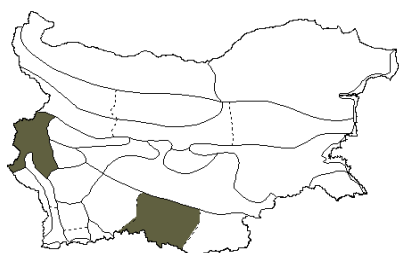
500



0

Med

Ophrys insectifera
L.



1000

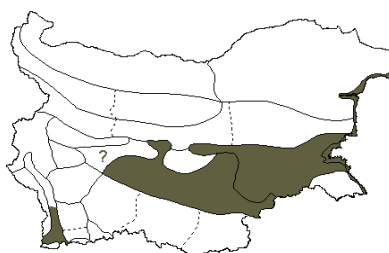


0



Eur

Opuntia humifusa
(Raf.) Raf.



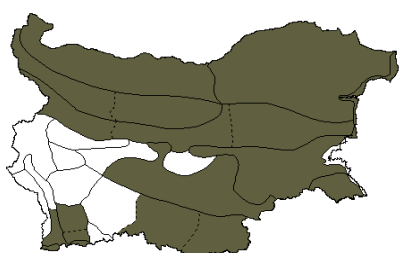
200



0

NAm

Ophrys mammosa
Desf.



1400

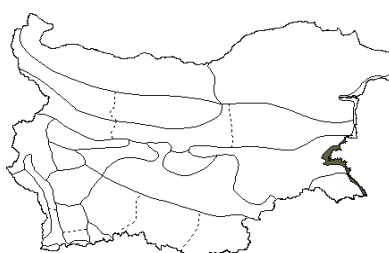


0



Pont

Opuntia tortispina
Engelm.



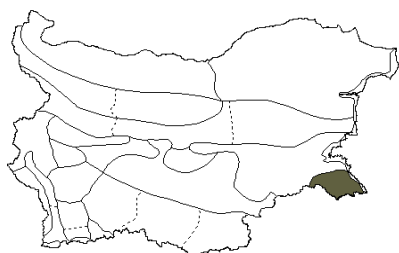
100



0

NAm

Ophrys reinholdii
Spruner ex Fleishm.



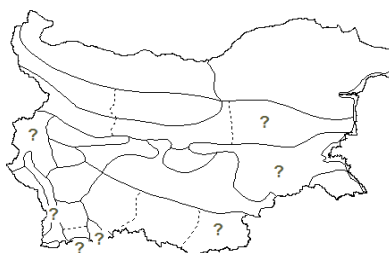
400



0

EMed

Orchis commutata
Torado



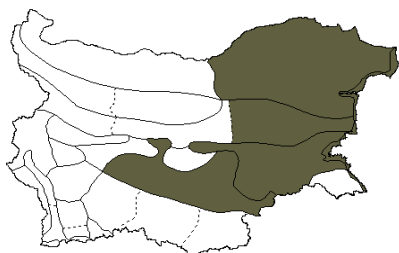
800



0

EMed-subMed

Opopanax chironium
(L.) Koch



500

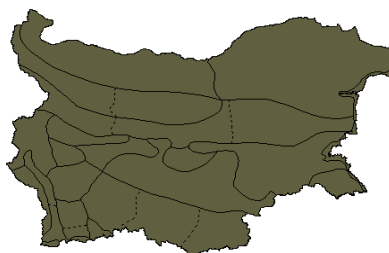


0



Med

Orchis coriophora
L.



1500



0

Eur-subMed

Orchis elegans
Heuff.



1000
⇕
0

Eur-OT

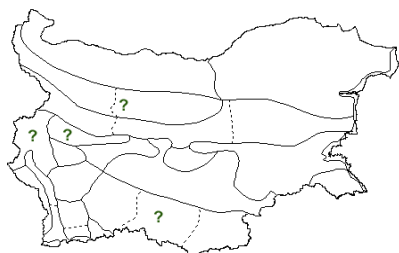
Orchis morio
L.



1500
⇕
0

Eur-subMed

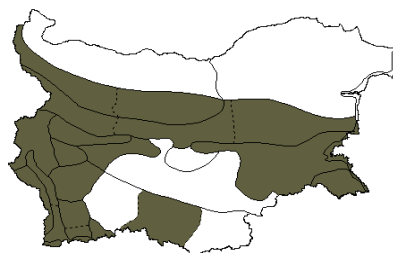
Orchis lactea
Poir.



1000
⇕
0

Pont-Med

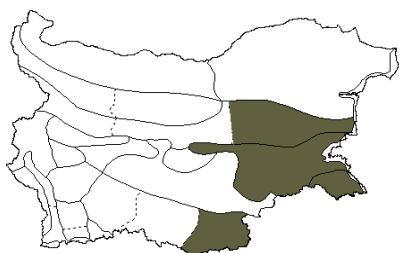
Orchis ovalis
F. W. Schmidt ex Mayer



1500
⇕
0

EEur

Orchis laxiflora
Lam. s. str.

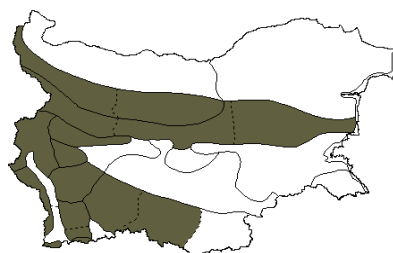


1000
⇕
0

!

subMed

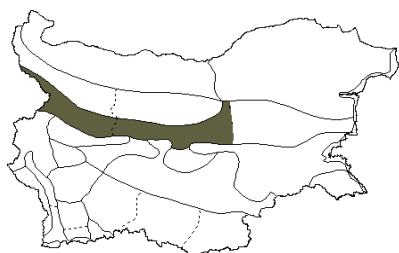
Orchis pallens
L.



1500
⇕
0

SPont

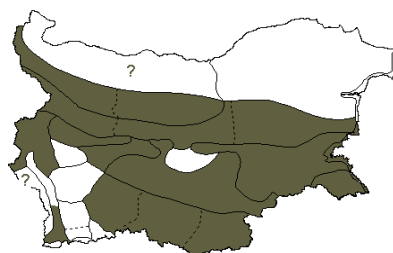
Orchis mascula
L. s. str.



2000
⇕
0

Eur-Sib

Orchis papilionacea
L.

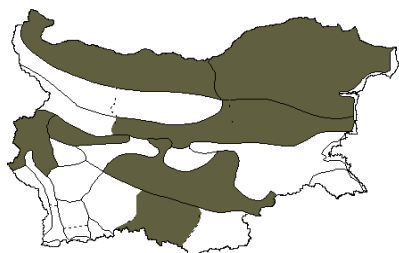


1000
⇕
0

!

subMed

Orchis militaris
L.

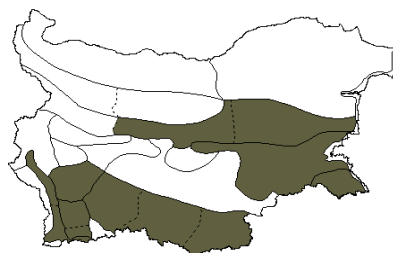


1500
⇕
0

!

Pont-Med

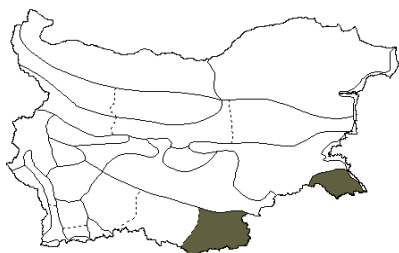
Orchis pinetorum
Boiss. & Kotschy



1500
⇕
0

subMed

Orchis provincialis
Balb.



300
⇕
0
!
Med

Orchis ustulata
L.



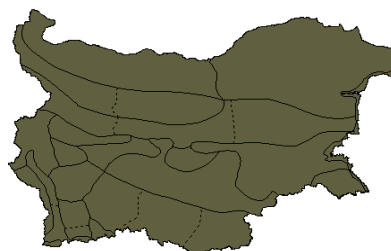
2000
⇕
0
Eur-Sib

Orchis purpurea
Huds.



1500
⇕
0
subMed

Origanum vulgare
L.



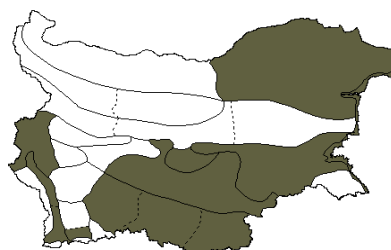
1700
⇕
0
Eur-As

Orchis simia
Lam.



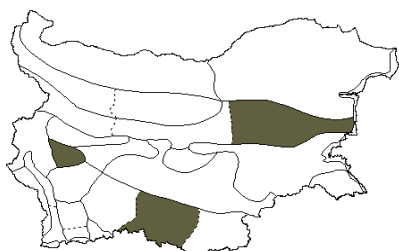
1800
⇕
0
subMed

Orlaya daucoides
(L.) Greuter



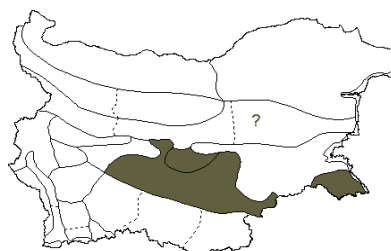
500
⇕
0
Eur-As

Orchis spitzelii
Saut. ex Koch



1000
⇕
0
!
subMed

Orlaya daucorlaya
Murb.



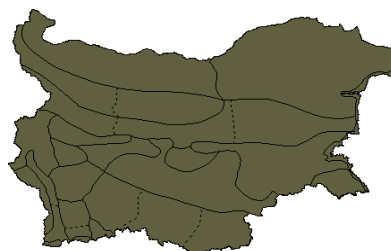
200
⇕
0
subMed

Orchis tridentata
Scop.



1600
⇕
0
Eur-subMed

Orlaya grandiflora
(L.) Hoffm.

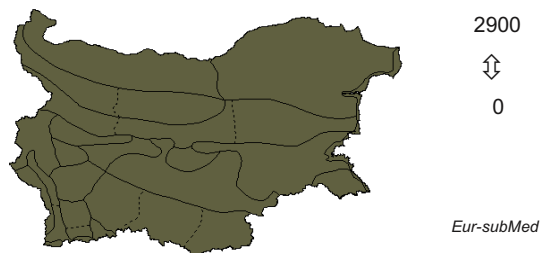


900
⇕
0
Ap-Bal

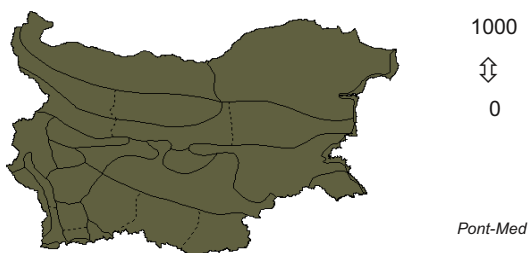
Ornithogalum amphibolum
Zahar.



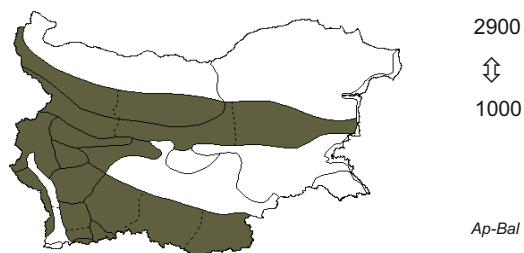
Ornithogalum kochii
Parl.



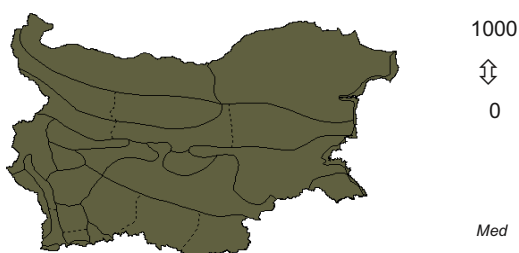
Ornithogalum boucheanum
Asch.



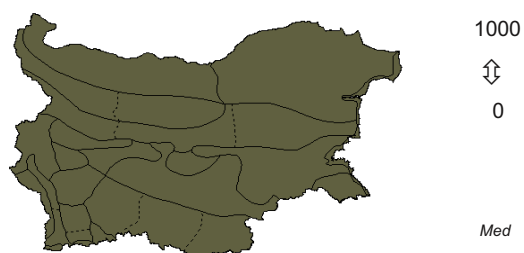
Ornithogalum montanum
Cyr.



Ornithogalum comosum
L.



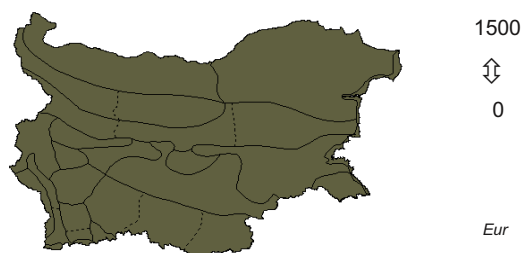
Ornithogalum narbonense
L.



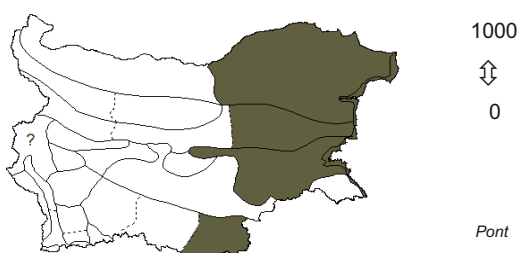
Ornithogalum divergens
Boreau



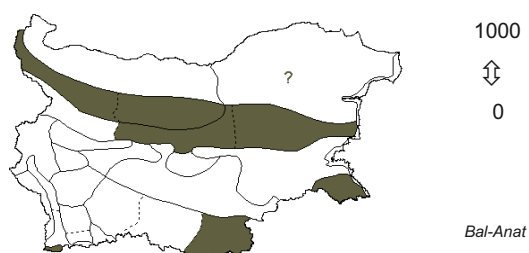
Ornithogalum nutans
L.



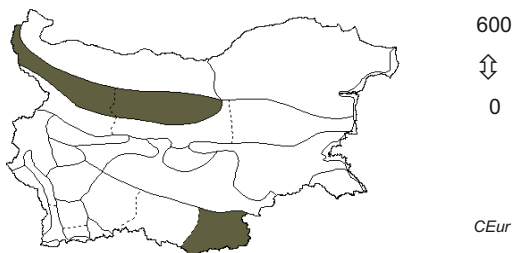
Ornithogalum fimbriatum
Willd.



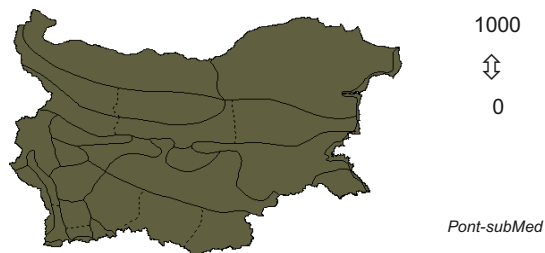
Ornithogalum oligophyllum
Clarke



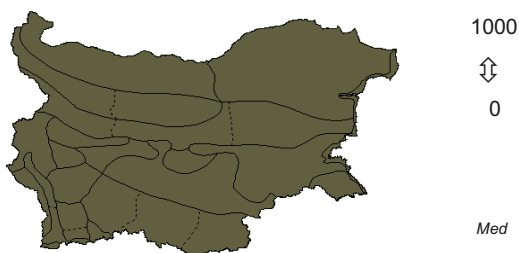
Ornithogalum pyramidale
L.



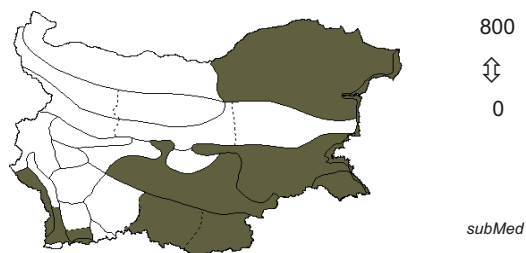
Ornithogalum umbellatum
L.



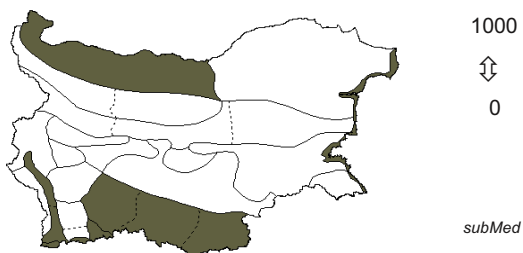
Ornithogalum pyrenaicum
L.



Ornithopus compressus
L.



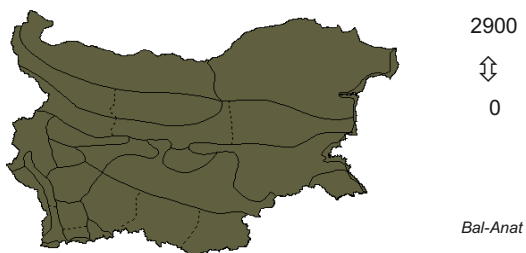
Ornithogalum refractum
Kit. ex Schlecht.



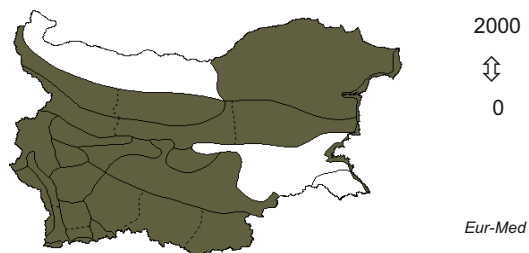
Orobanche aegyptiaca
Pers.



Ornithogalum sibthorpii
Greuter



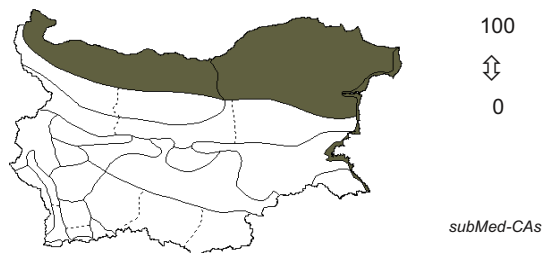
Orobanche alba
Stephan ex Willd.



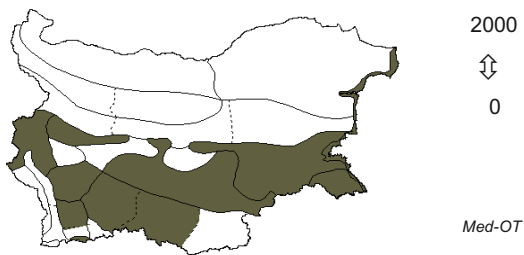
Ornithogalum sphaerocarpum
A. Kern.



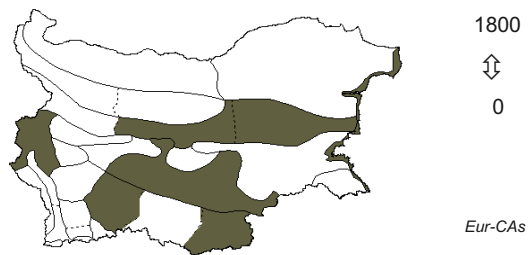
Orobanche alsatica
Kirschl.



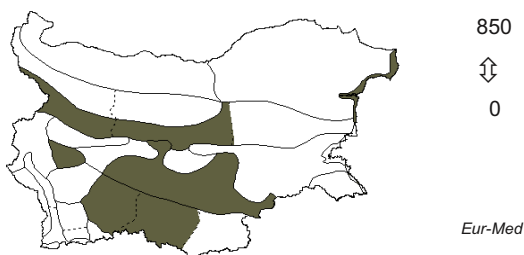
Orobanche amethystea
Thuill.



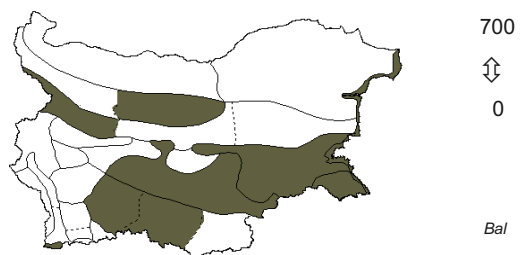
Orobanche elatior
Sutton



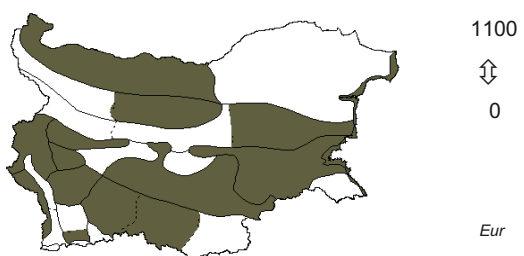
Orobanche arenaria
Borkh.



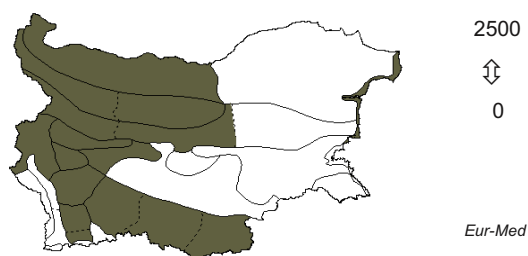
Orobanche esulae
Pančić



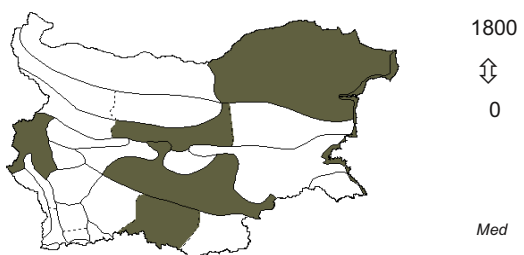
Orobanche caryophyllacea
Sm.



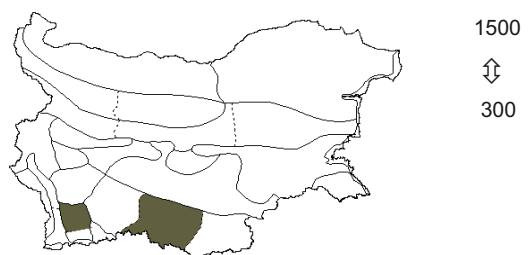
Orobanche gracilis
Sm.



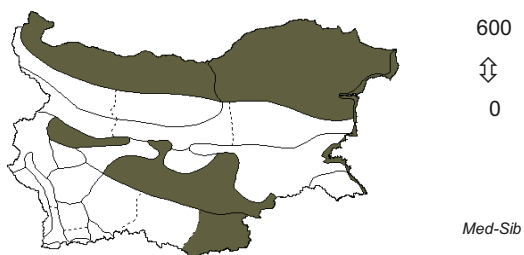
Orobanche crenata
Forssk.



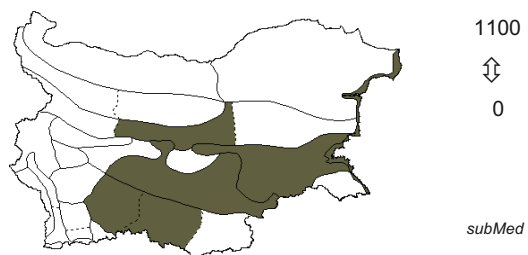
Orobanche laserpitii-sileris
Reut.



Orobanche cumana
Wallr.

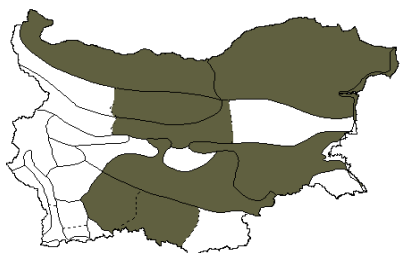


Orobanche loricata
Rchb.



Orobanche lutea

Baumg.



1000

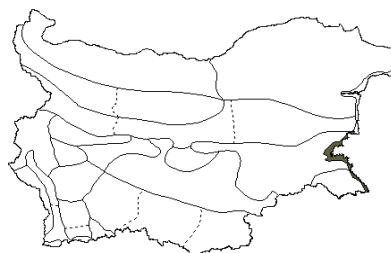


0

Eur-As

Orobanche picridis

F. Schultz ex Koch



100

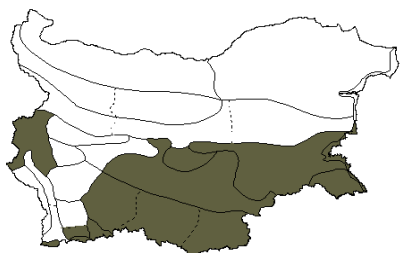


0

Eur

Orobanche minor

Sm.



2000



0

Med

Orobanche pubescens

D'Urv.



750

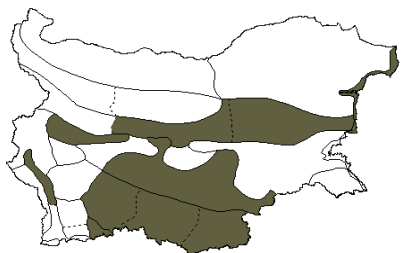


0

Med

Orobanche mutelii

F. W. Schultz



1000

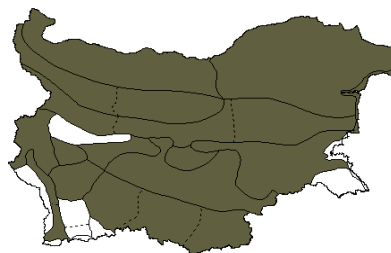


0

Med-OT

Orobanche purpurea

Jacq.



1300

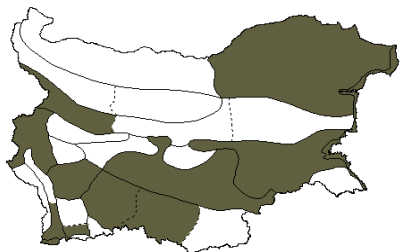


0

Eur

Orobanche oxyloba

(Reut.) Beck



1200

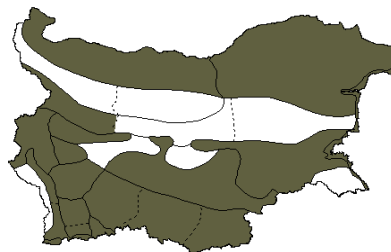


0

Med-CAs

Orobanche ramosa

L.



1400

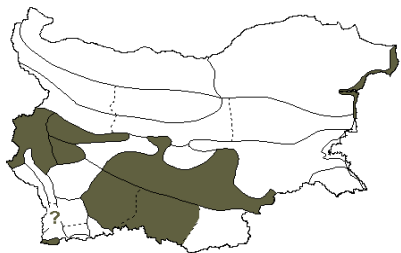


0

Eur-Med

Orobanche pancicii

G. Beck



1400

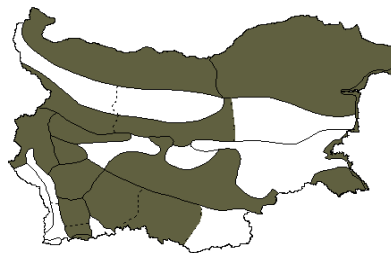


0

Bal

Orobanche reticulata

Wallr.

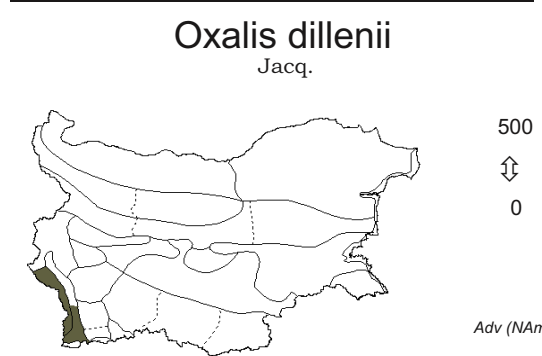
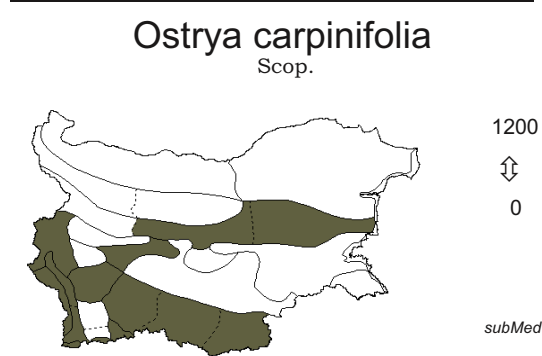
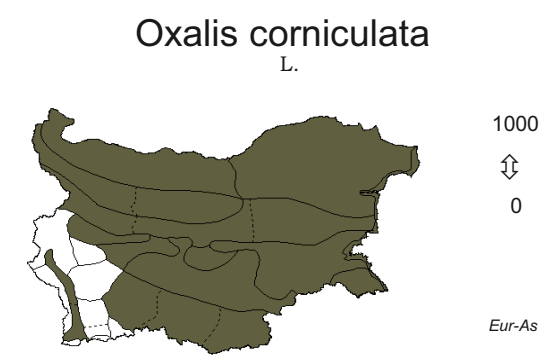
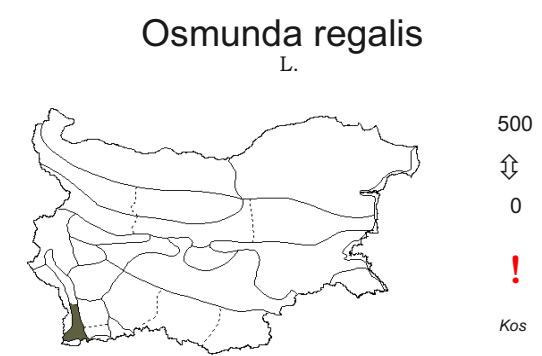
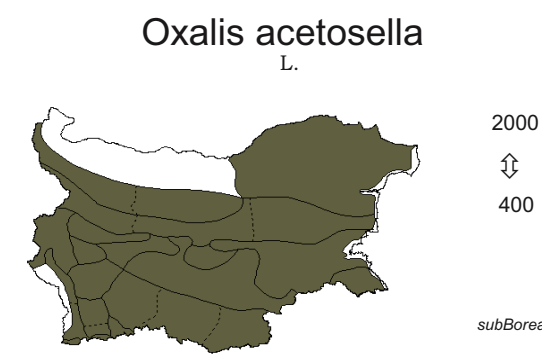
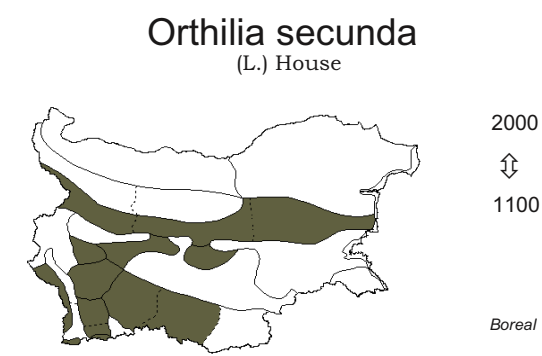
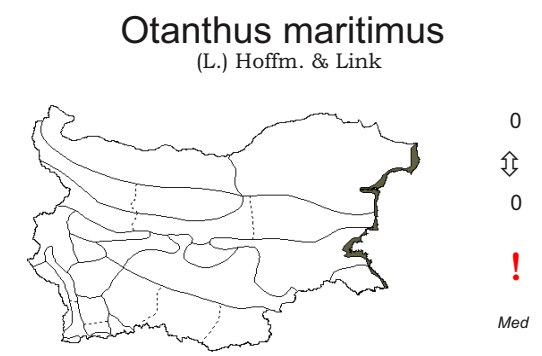
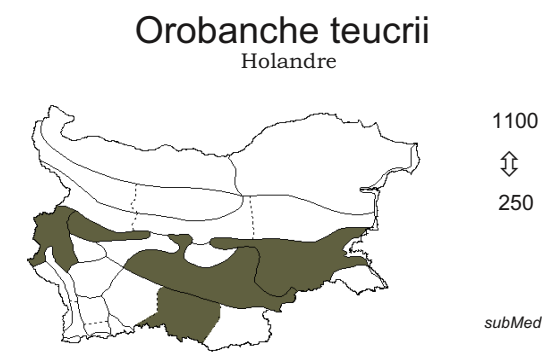
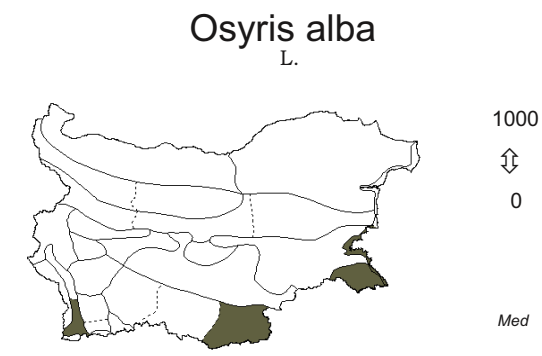


1700

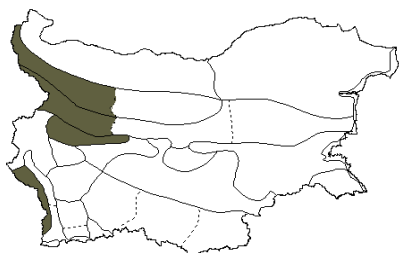


0

Eur



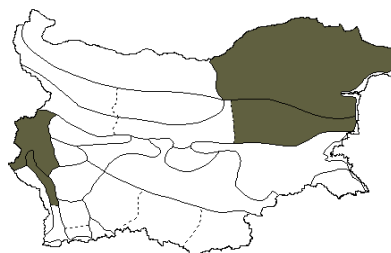
Oxalis fontana
Bunge



300
⇕
0

Adv (NAm)

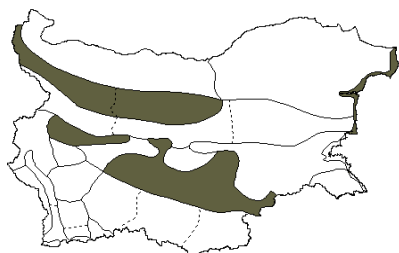
Oxytropis pilosa
(L.) DC.



800
⇕
0

Eur-CAs

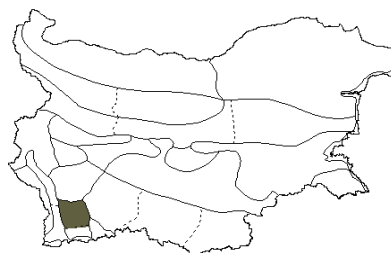
Oxalis stricta
L.



800
⇕
0

Adv

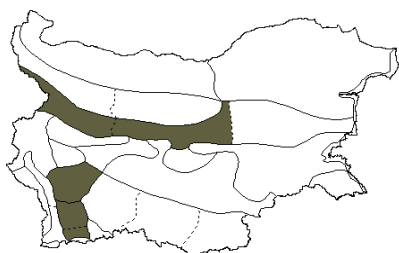
Oxytropis urumovii
Jav.



2900
⇕
2500

Bul

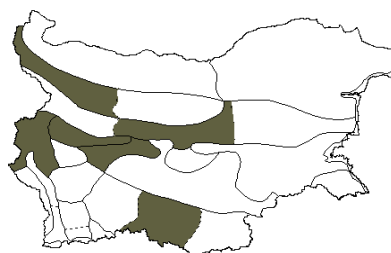
Oxyria digyna
(L.) Hill



2800
⇕
1800

Arct-Alp

Paeonia mascula
(L.) Mill.

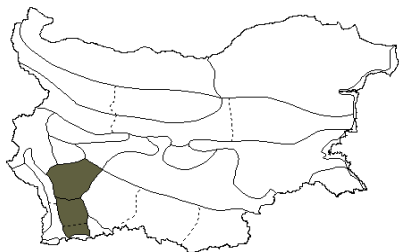


1500
⇕
0

!

Pont-Med

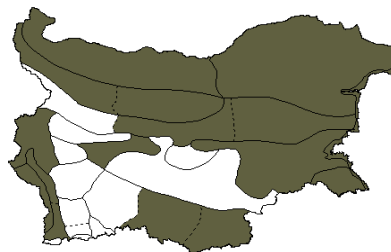
Oxytropis campestris
(L.) DC.



2500
⇕
2500

Boreal

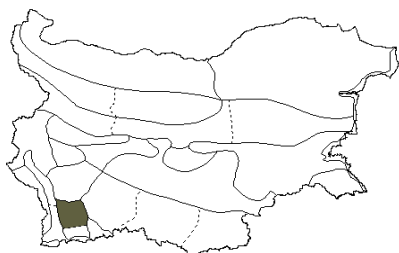
Paeonia peregrina
Mill.



1000
⇕
0

subMed

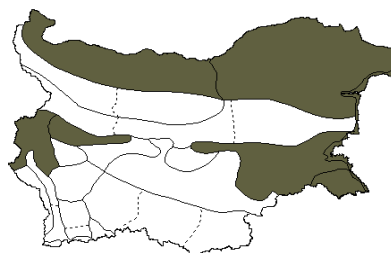
Oxytropis kozhucharovii
D. Pavlova, D. Dimitrov, M. Nikolova



2400
⇕
2200

Bul

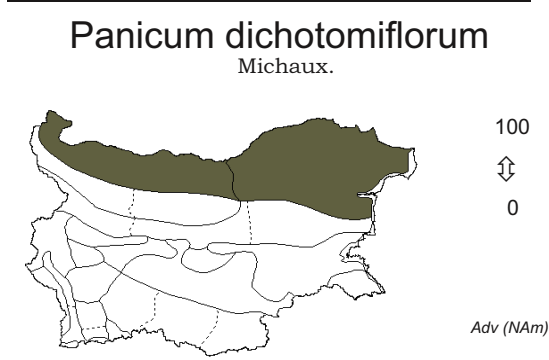
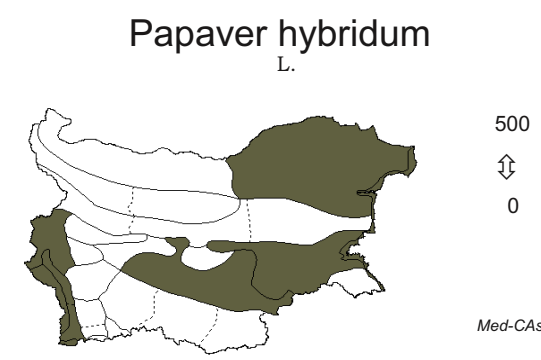
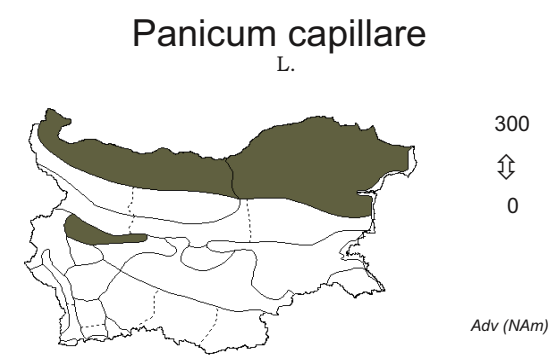
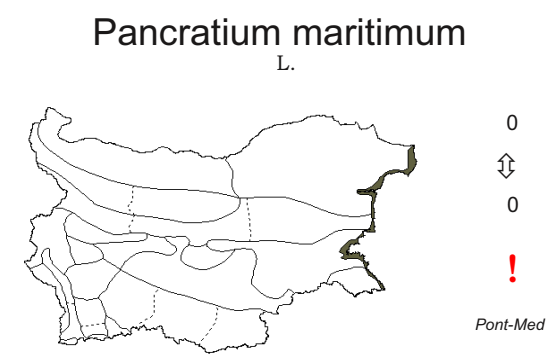
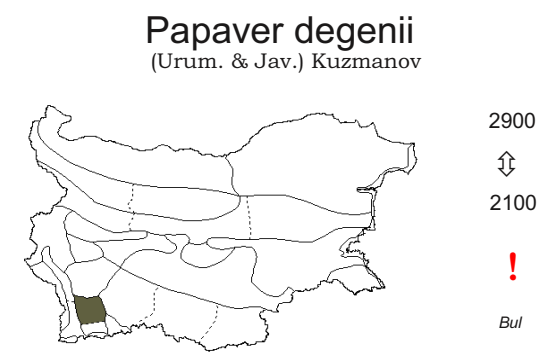
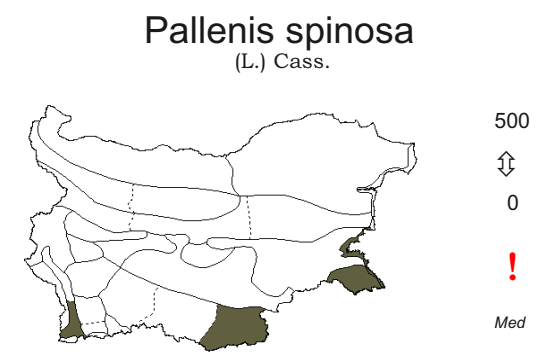
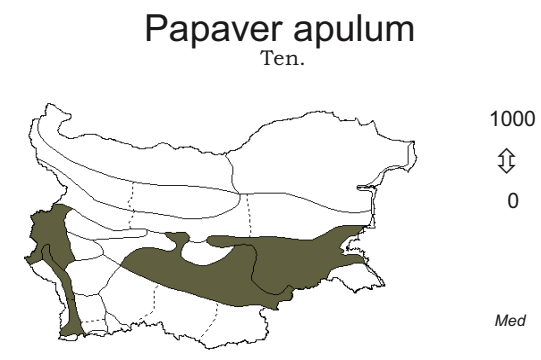
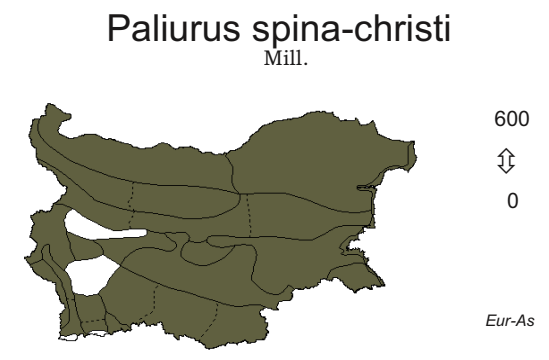
Paeonia tenuifolia
L.



600
⇕
0

!

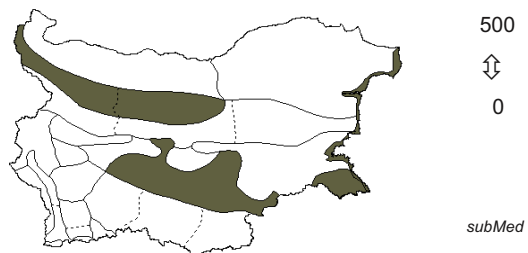
subMed



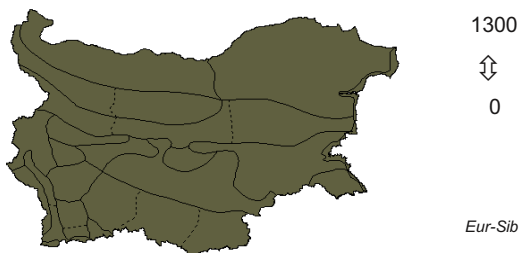
Papaver pinnatifidum
Moris



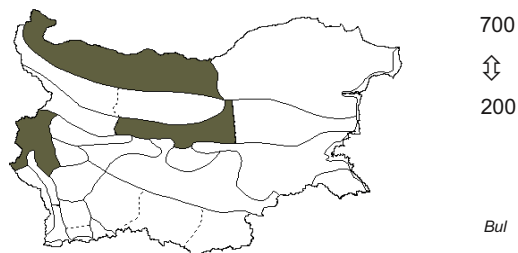
Parietaria diffusa
Mert & Koch



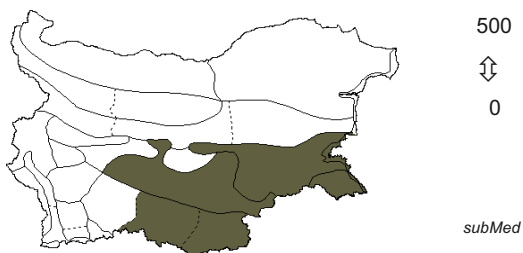
Papaver rhoeas
L.



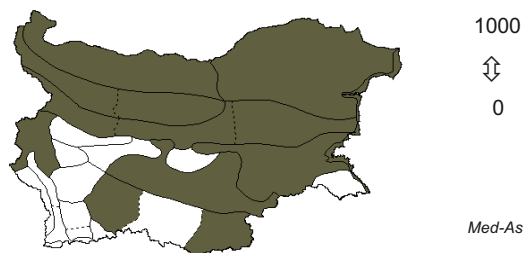
Parietaria erronea
Panov



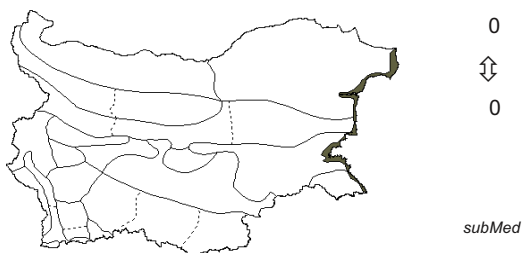
Papaver rumelicum
Velen.



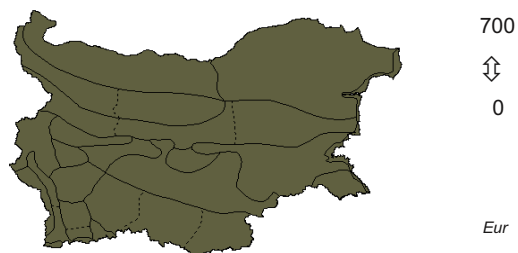
Parietaria lusitanica
L.



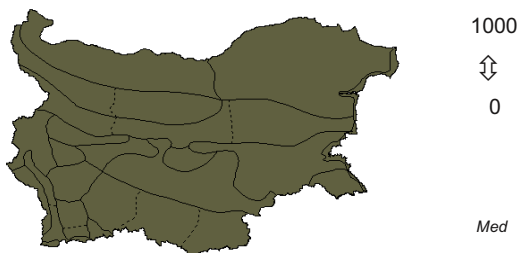
Parapholis incurva
(L.) C. E. Hubb.



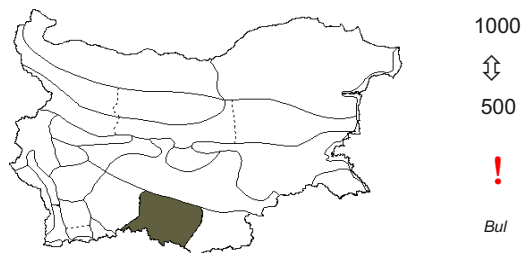
Parietaria officinalis
L.



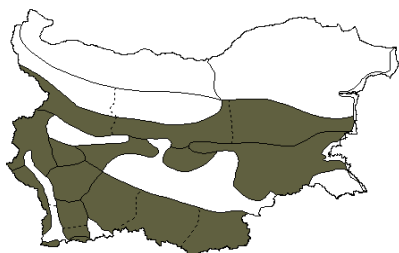
Parentucellia latifolia
(L.) Caruel



Parietaria rhodopaea
Panov



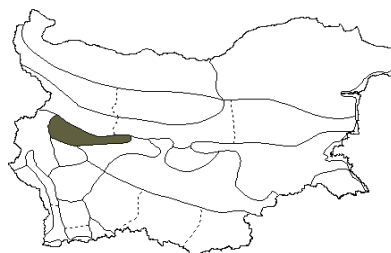
Paris quadrifolia
L.



1800
⇕
600

Eur-Sib

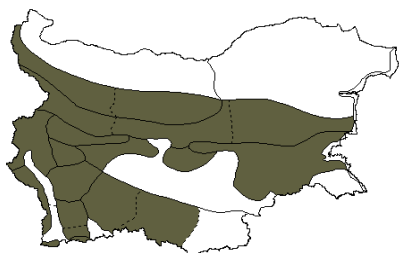
Parthenocissus inserta
(A. Kern.) Fritsch



1000
⇕
0

Adv (NAm)

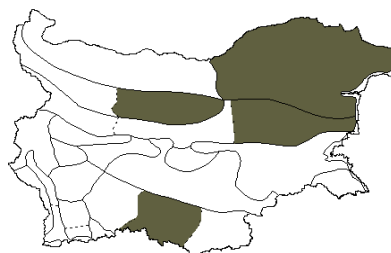
Parnassia palustris
L.



2000
⇕
400

subBoreal

Parthenocissus quinquefolia
(L.) Planch.



500
⇕
0

Adv (NAm)

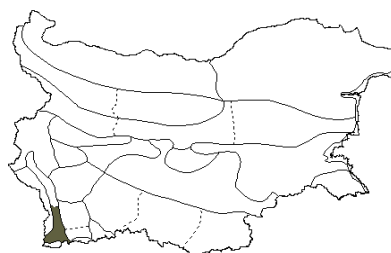
Paronychia cephalotes
(M. Bieb.) Besser



2200
⇕
0

Pont

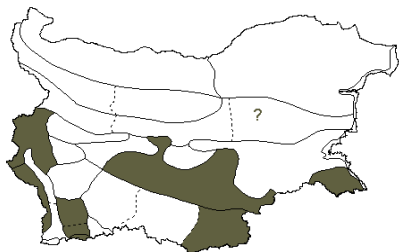
Parvotrisetum myrianthum
(Bertol.) Chrtek



100
⇕
0

Med

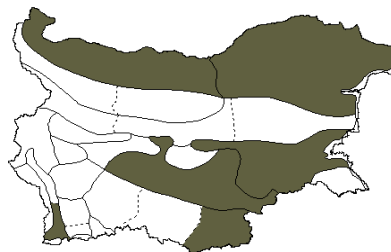
Paronychia kapela
(Hacq.) A. Kern.



2900
⇕
500

subMed

Paspalum paspalodes
(Michx) Scribn.



200
⇕
0

Adv (Paleo)

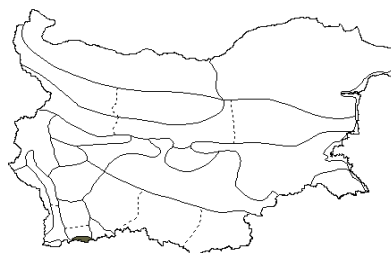
Paronychia rechingeri
Chaudhri



⇕

Bal

Pastinaca argyrophylla
Delip.



2000
⇕
1800

!

Bal

Pastinaca hirsuta

Pančić



2000

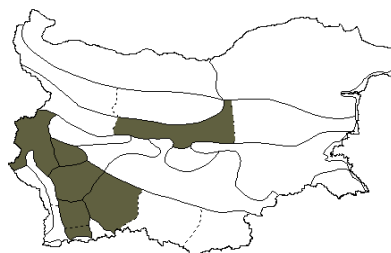


500

Bal

Pedicularis hoermanniana

K. Maly



2000



1300

Bal-Alp

Pastinaca sativa

L.



1500

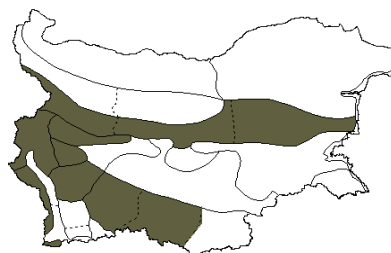


0

Eur-Sib

Pedicularis leucodon

Griseb.



1000

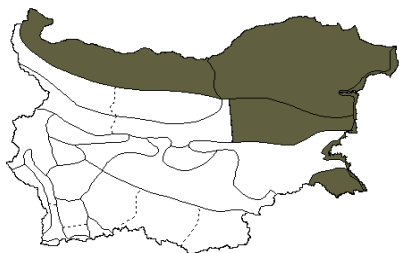


0

Bal

Pastinaca umbrosa

Steven & DC.



500

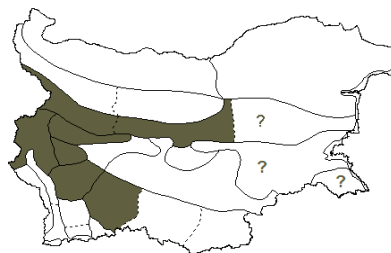


0

Med

Pedicularis moesiaca

Standl.



1200

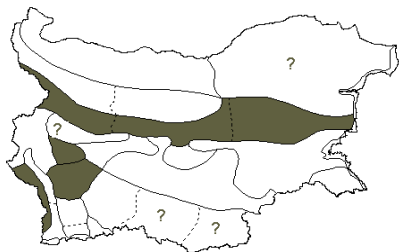


200

Bal

Pedicularis comosa

L.



1300

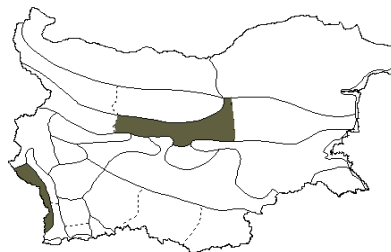


0

Eur-Med

Pedicularis occulta

Janka



2000

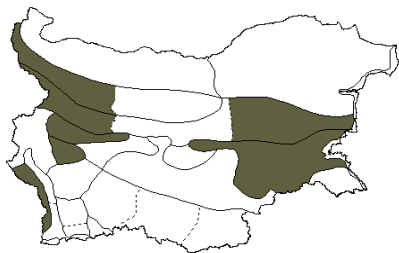


1000

Bul

Pedicularis grisebachii

Wettst.



1500

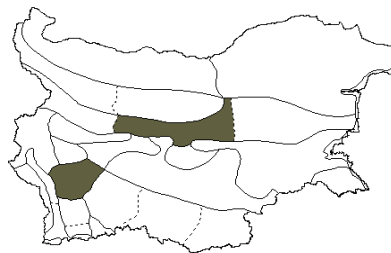


100

Bal

Pedicularis oederi

Vahl



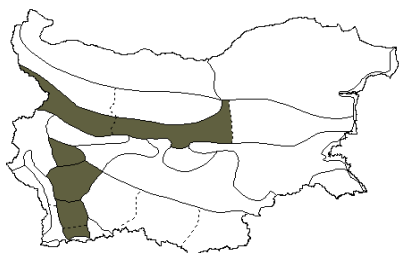
2900



2000

Arct-Alp

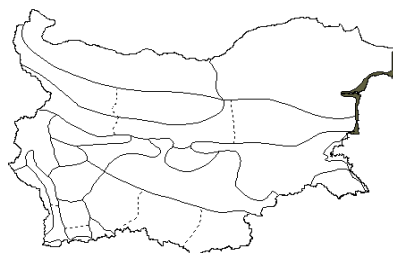
Pedicularis orthantha
Griseb.



2500
⇕
1400

Bal

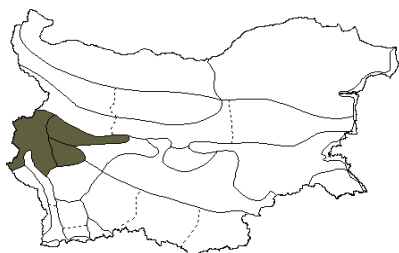
Pennisetum setaceum
(Forssk.) Chiov.



100
⇕
0

Adv (NAm)

Pedicularis palustris
L.

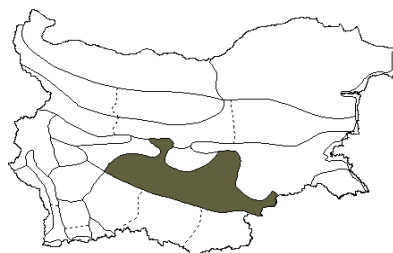


1000
⇕
500

!

Eur-As

Peplis alternifolia
M. Bieb.

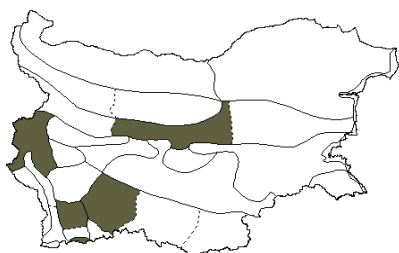


200
⇕
0

!

Pont-WAs

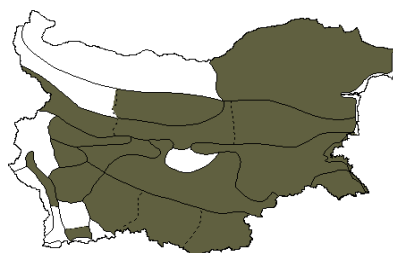
Pedicularis petiolaris
Ten.



2500
⇕
1000

Ap-Bal

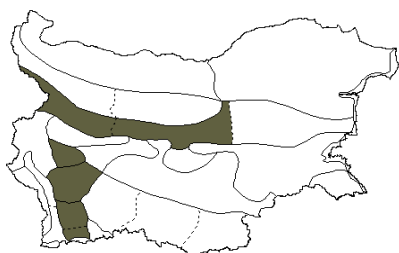
Peplis portula
L.



1400
⇕
0

Eur-Sib

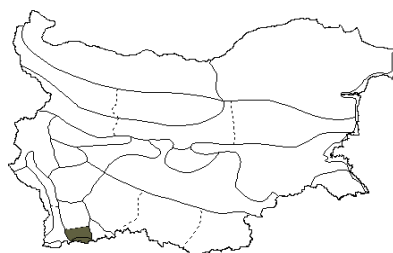
Pedicularis verticillata
L.



2900
⇕
1000

Boreal

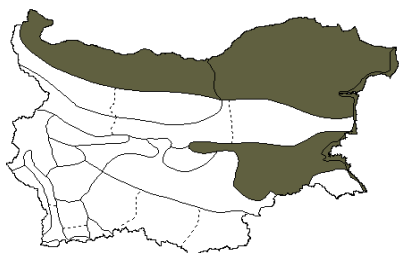
Peridictyon sanctum
(Janka) Seberg, S. Frederiksen & Baden



1200
⇕
700

Bal

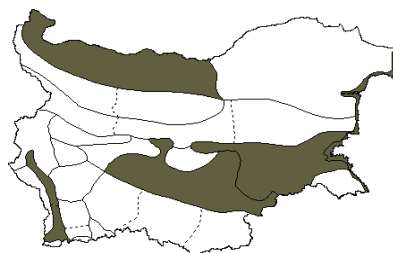
Peganum harmala
L.



100
⇕
0

Eur-As

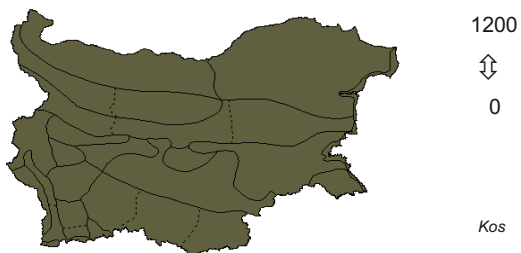
Periploca graeca
L.



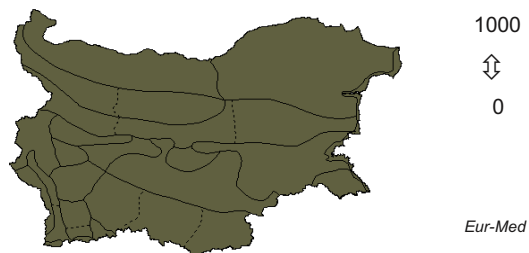
300
⇕
0

Pont-Med

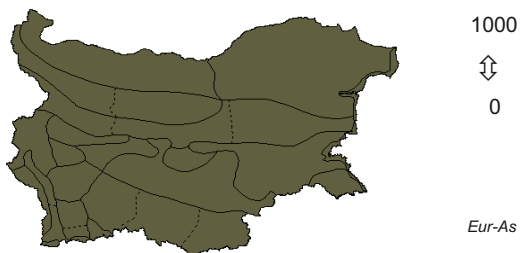
Persicaria amphibia
(L.) Gray



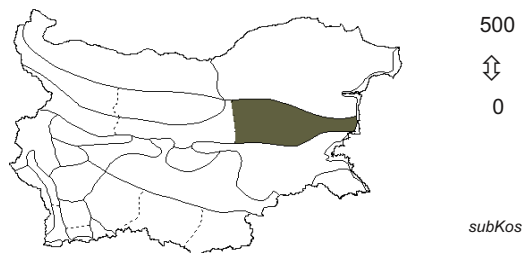
Persicaria mitis
(Schrank) Opiz



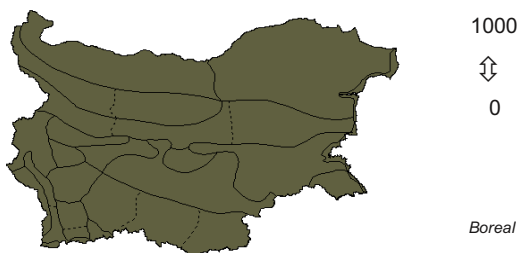
Persicaria hydropiper
(L.) Opiz



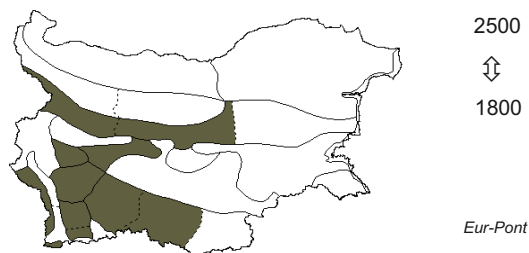
Persicaria salicifolia
(Brouss. Ex Willd.) Assenov



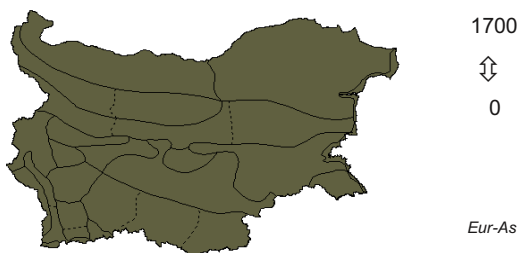
Persicaria lapathifolia
(L.) Gray



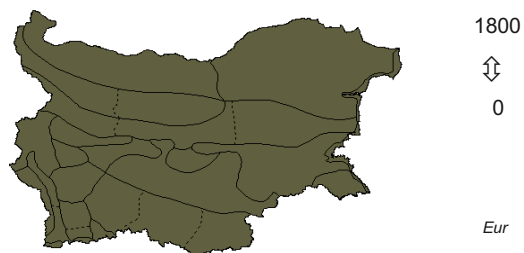
Petasites albus
(L.) Gaertn.



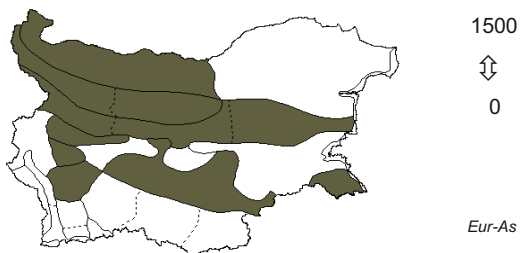
Persicaria maculata
(Raf.) Gray



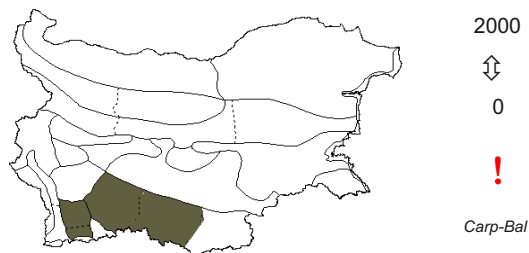
Petasites hybridus
(L.) Gaertn.



Persicaria minor
(Huds.) Opiz



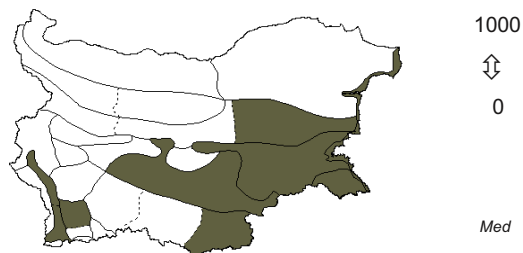
Petasites kablikianus
Tausch ex Berch.



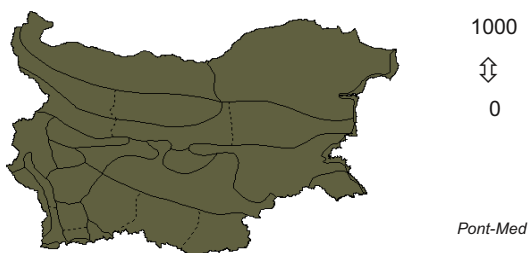
Petrorhagia alpina
(Hablitz) P. W. Ball & Heywood



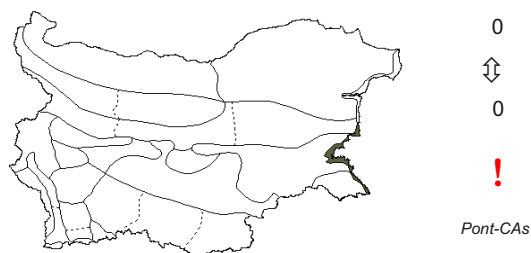
Petrorhagia velutina
(Guss.) P. W. Ball & Heywood



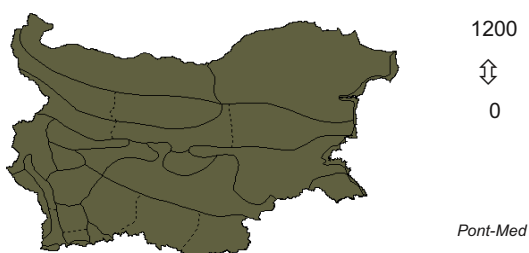
Petrorhagia illyrica
(Ard.) P. W. Ball & Heywood



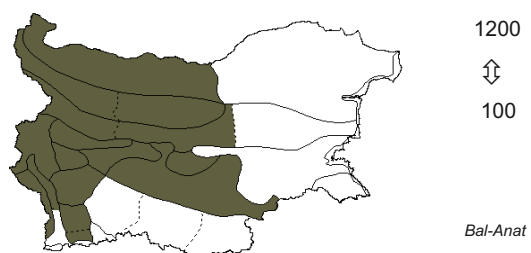
Petrosimonia brachiata
(Pall.) Bunge



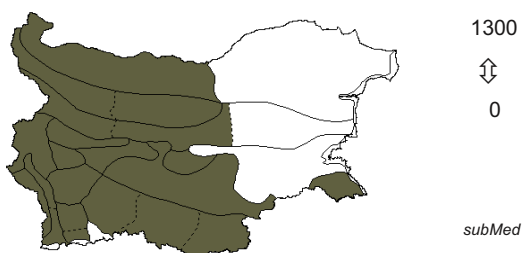
Petrorhagia prolifera
(L.) P. W. Ball & Heywood



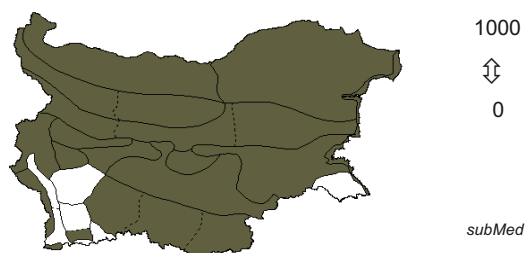
Peucedanum aegopodioides
(Boiss.) Vandas



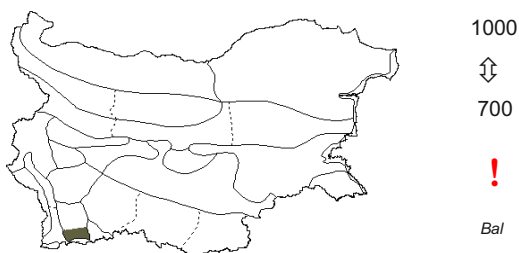
Petrorhagia saxifraga
(L.) Link



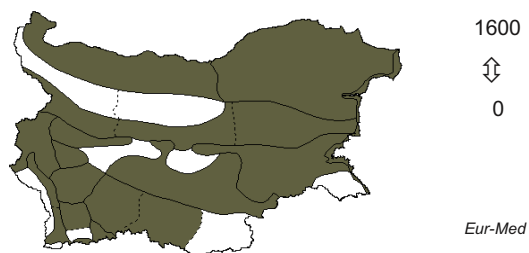
Peucedanum alsaticum
L.

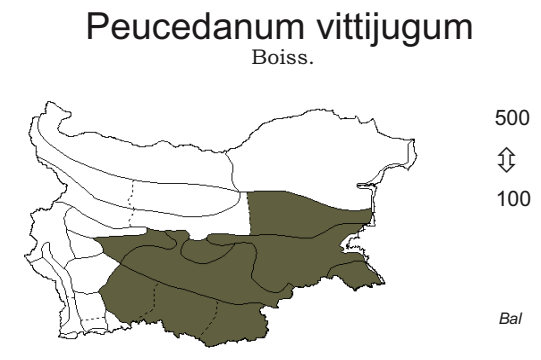
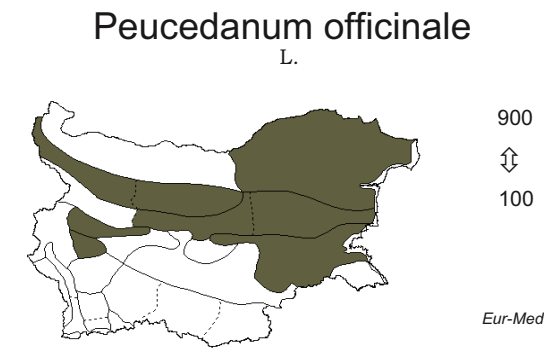
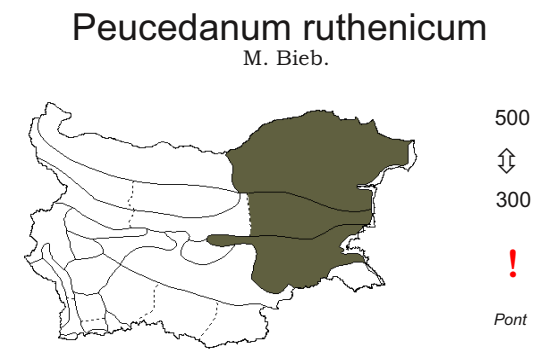
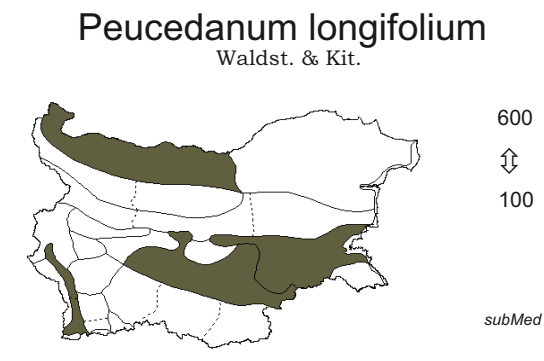
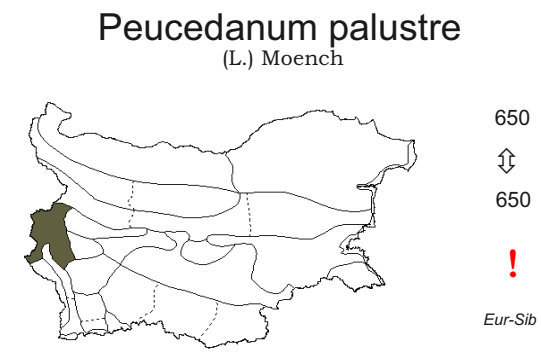
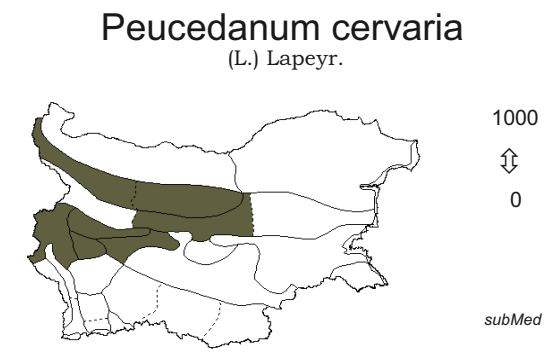
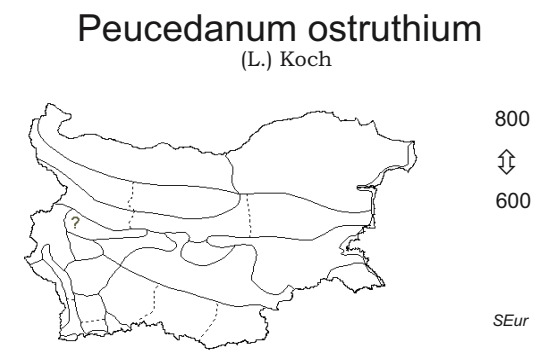
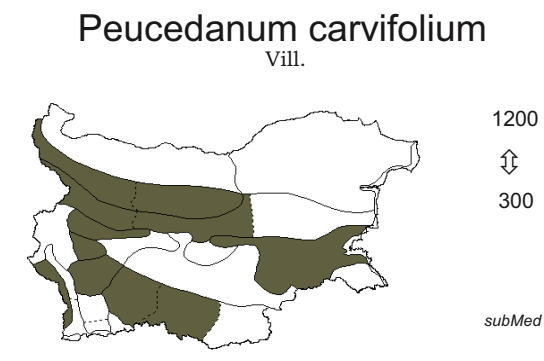
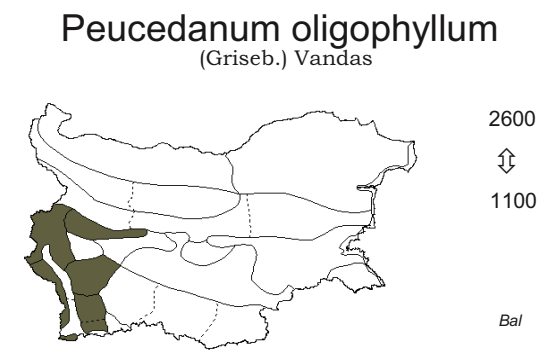
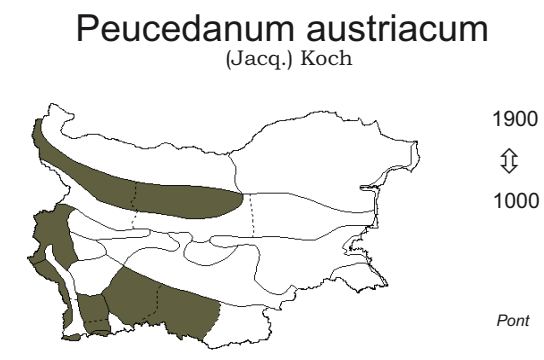


Petrorhagia thessala
(Boiss.) P. W. Ball & Heywood

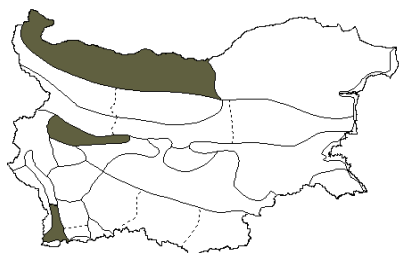


Peucedanum arenarium
Waldst. & Kit.





Phacelia tanacetifolia
Benth.



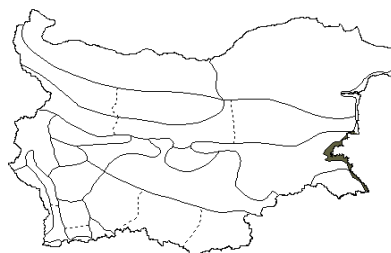
500



0

Adv

Phalaris paradoxa
L.



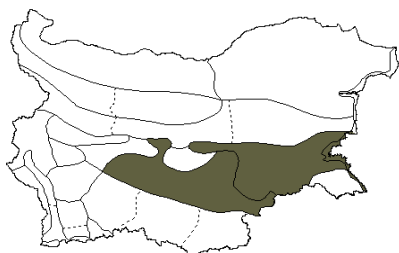
100



0

Adv

Phacelurus digitatus
(Sm.) Griseb.



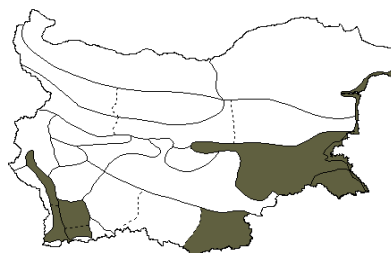
100



0

Med

Phillyrea latifolia
L.



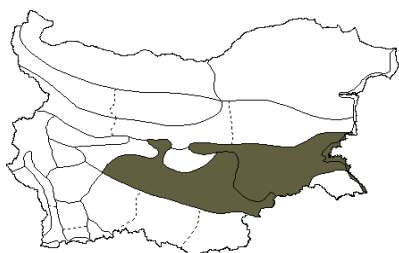
500



0

Med

Phalaris aquatica
L.



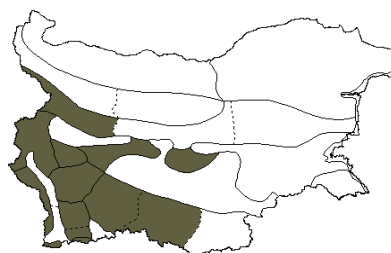
100



0

Med

Phleum alpinum
L.



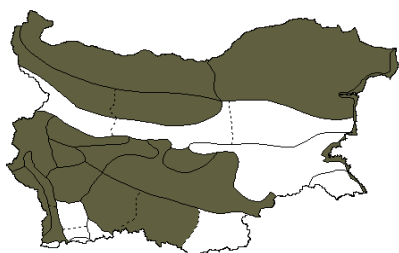
2500



1600

Arct-Alp

Phalaris arundinacea
L.



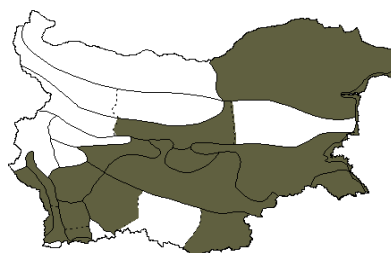
600



0

Boreal

Phleum graecum
Boiss. & Heldr.



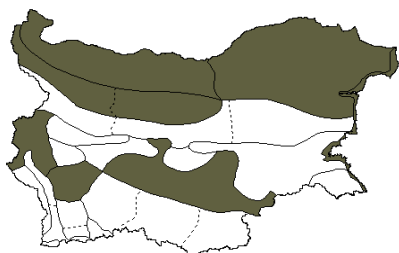
700



0

subMed-As

Phalaris canariensis
L.



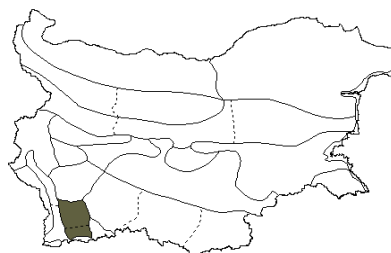
400



0

Med

Phleum hirsutum
Honck.

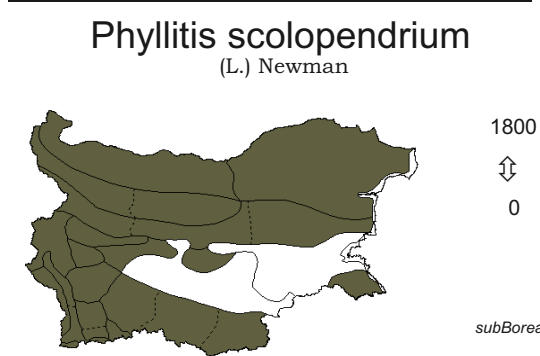
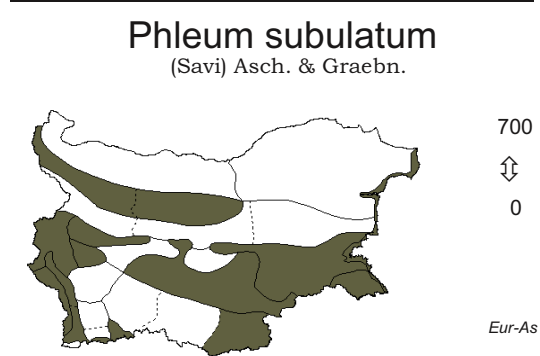
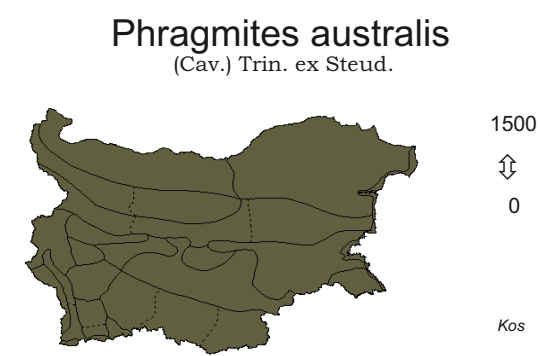
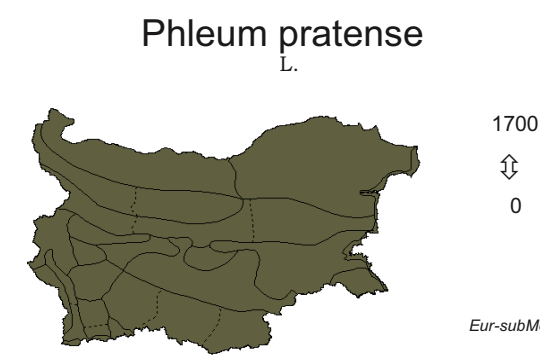
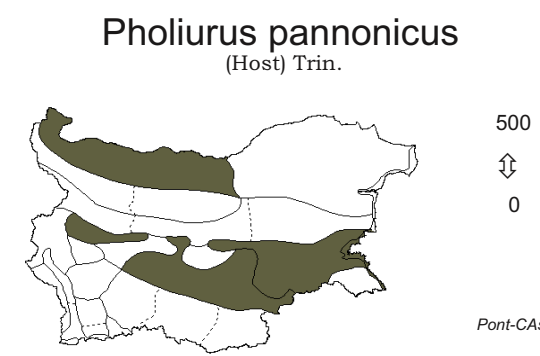
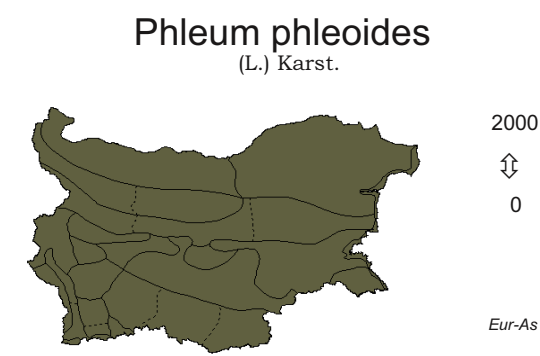
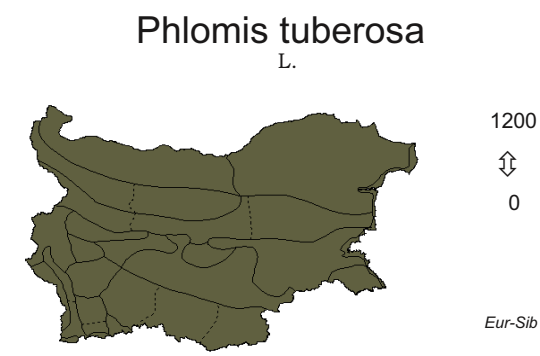
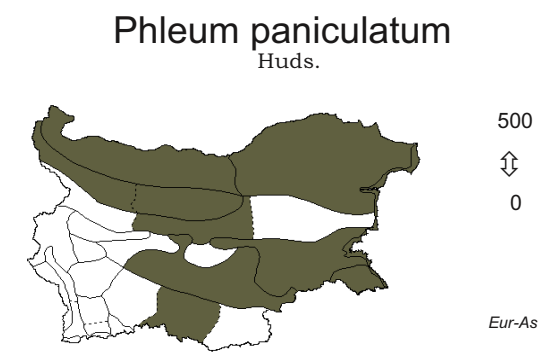
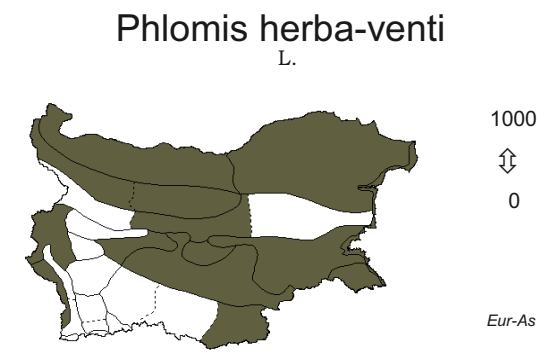
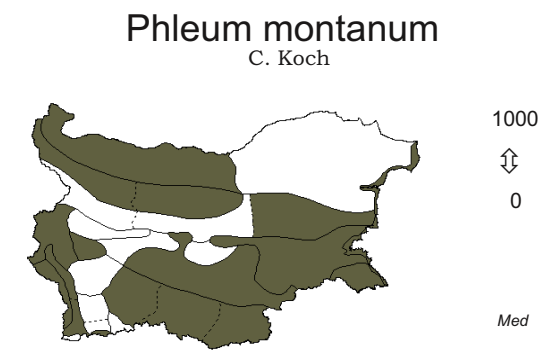


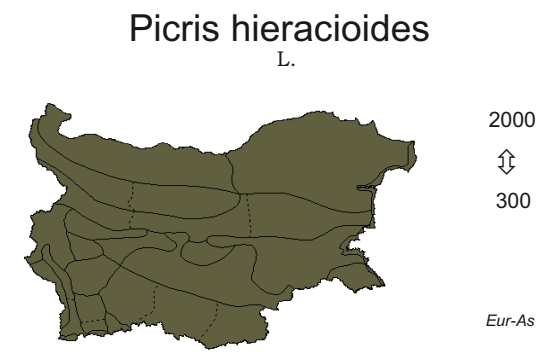
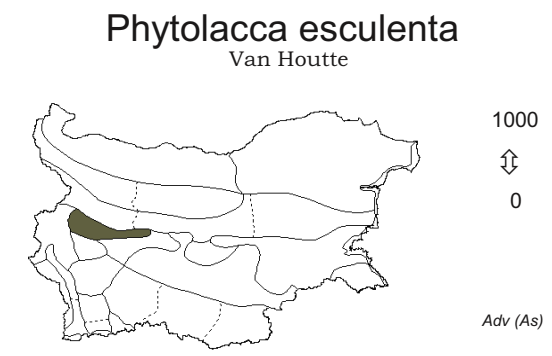
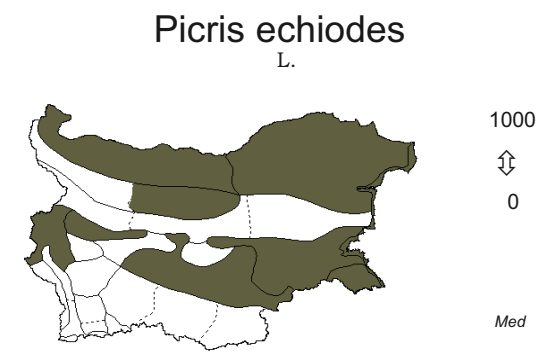
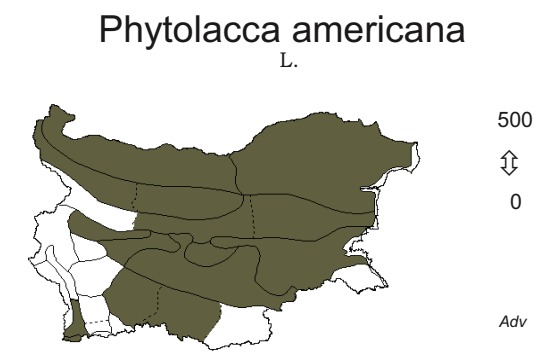
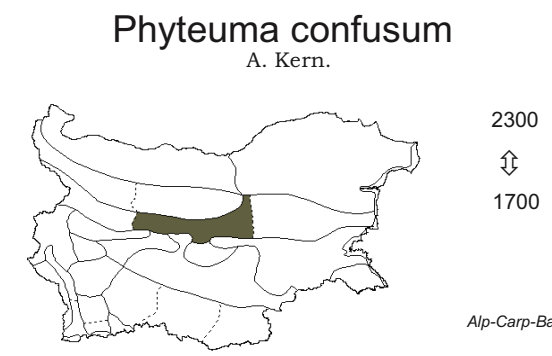
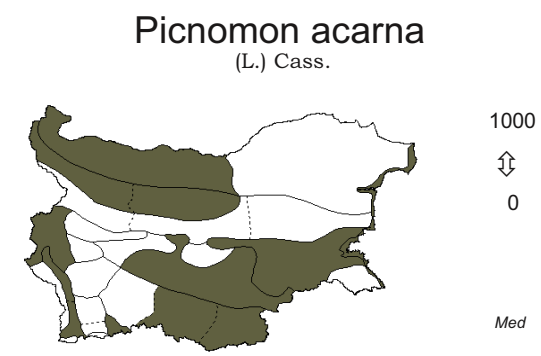
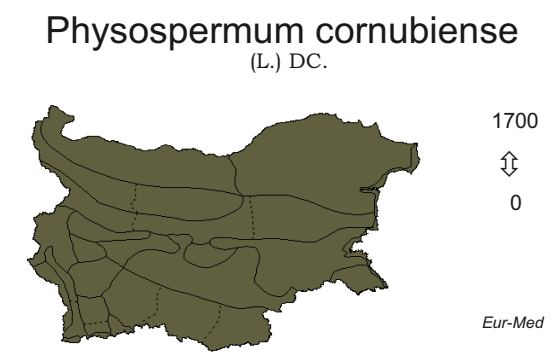
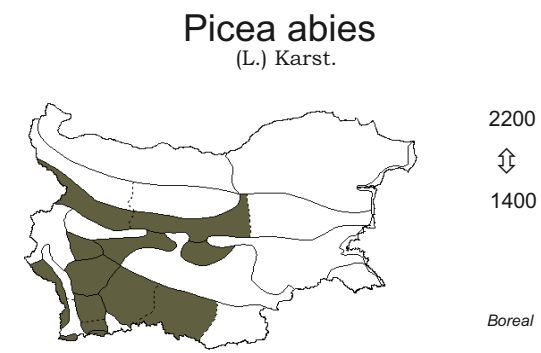
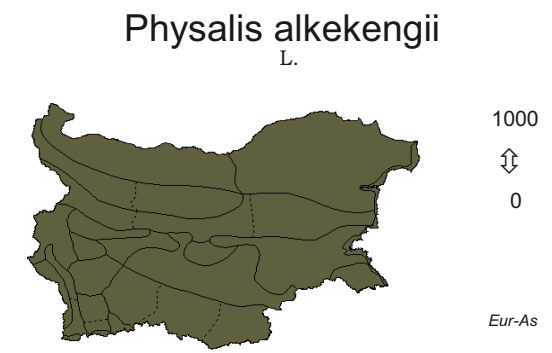
2300



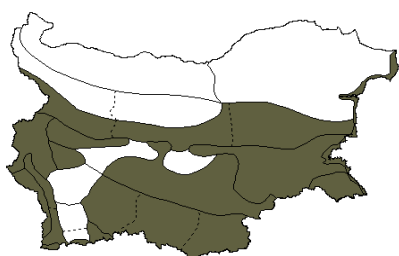
1700

Alp-Carp-Bal





Picris pauciflora
Willd.



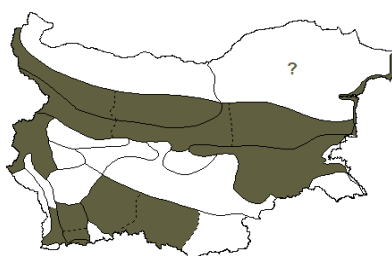
1000



0

Med

Pimpinella tragium
Vill.



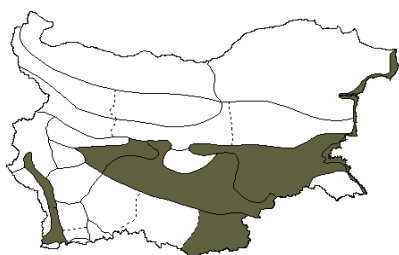
1400



0

Pont-subMed

Picris sprengerana
(L.) Poir.



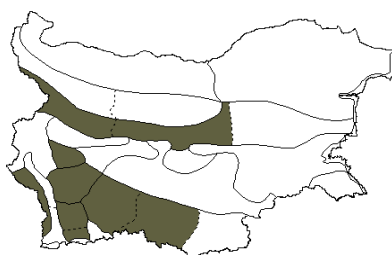
1000



0

Med

Pinguicula balcanica
Casper



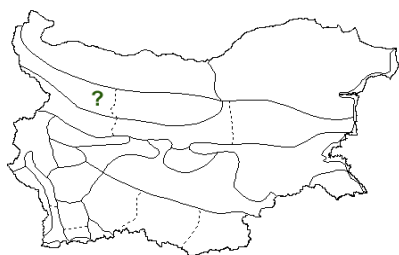
2800



900

Bal

Pimpinella major
(L.) Huds.



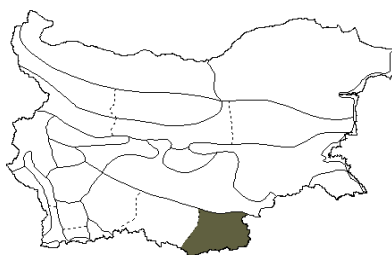
1000



0

Eur

Pinus brutia
Ten.



300

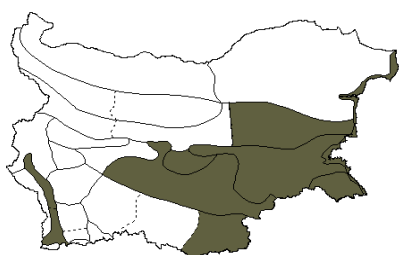


300



Med

Pimpinella peregrina
L.



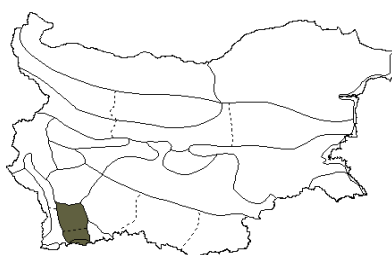
400



0

Pont-Med

Pinus heldreichii
Christ.



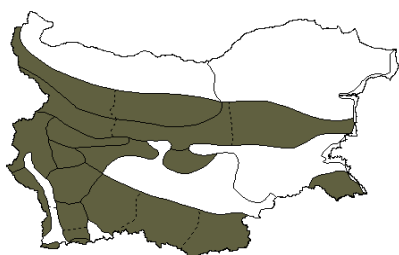
2400



1400

Ap-Bal

Pimpinella saxifraga
L.



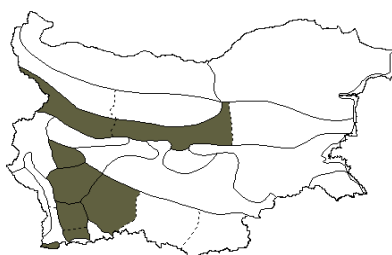
1800



400

Eur-As

Pinus mugo
Turra



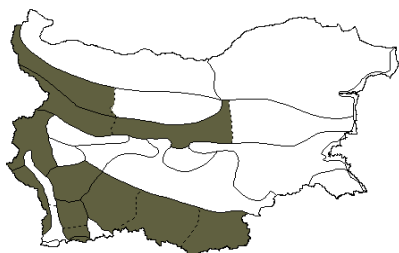
2500



1700

Alp-Carp-Bal

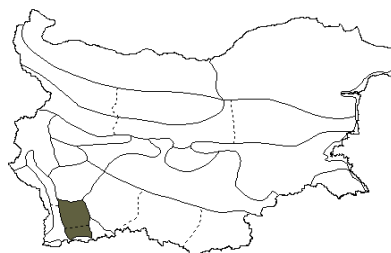
Pinus nigra
Arnold



1600
⇕
0

subMed

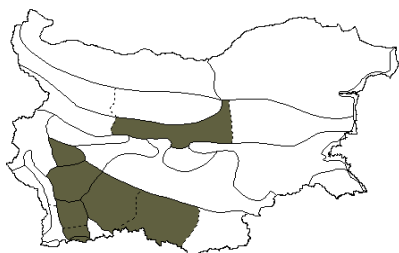
Pirinia koenigii
M. Král



2300
⇕
2300

Bul

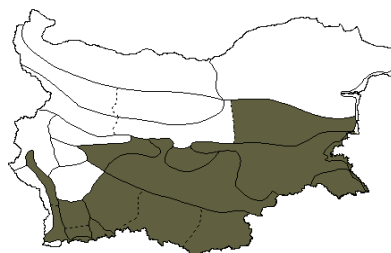
Pinus peuce
Griseb.



2200
⇕
1200

Bal

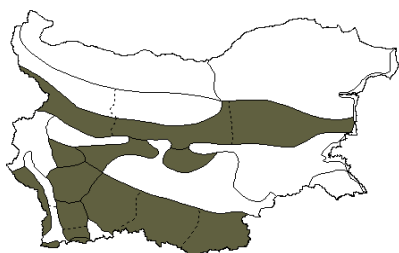
Pistacia terebinthus
L.



400
⇕
0

Pont-Med

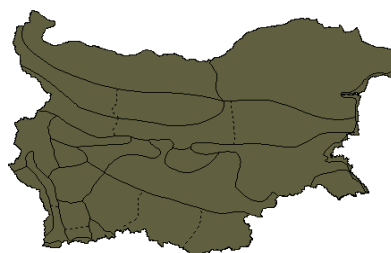
Pinus sylvestris
L.



2200
⇕
1000

subBoreal

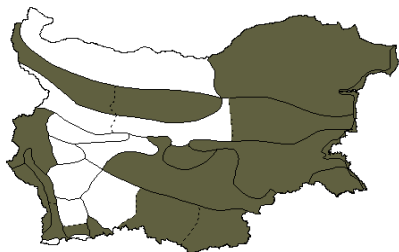
Pisum elatius
M. Bieb.



800
⇕
0

Eur

Piptatherum holciforme
(M. Bieb.) Roem. & Schult.



400
⇕
0

subMed

Pisum sativum
L.



500
⇕
0

Eur

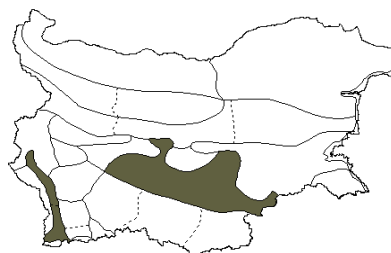
Piptatherum virescens
(Trin.) Boiss.



1000
⇕
0

Med

Plantago afra
L.



1000
⇕
0

Med-SAs

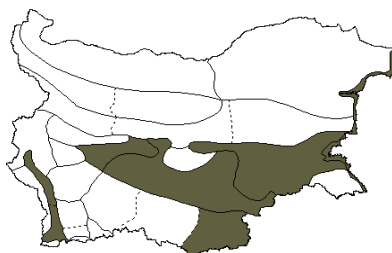
Plantago altissima
L.



1000
⇕
0

Eur-Sib

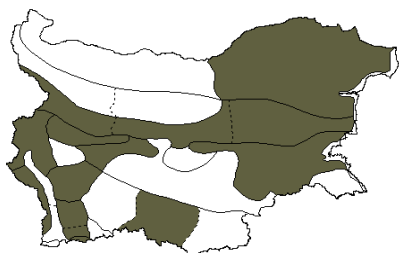
Plantago coronopus
L.



100
⇕
0

Eur-Med

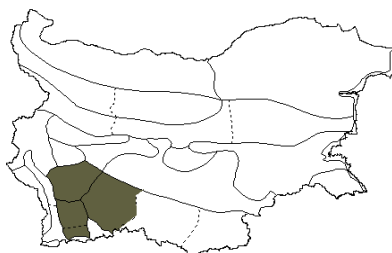
Plantago argentea
Chaix



1000
⇕
0

subMed

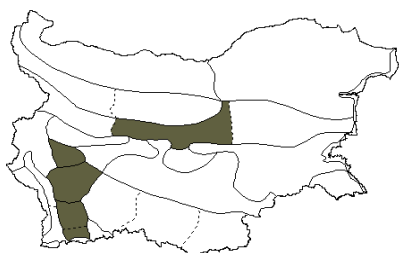
Plantago gentianoides
Sm.



2900
⇕
1500

Bal-CAs

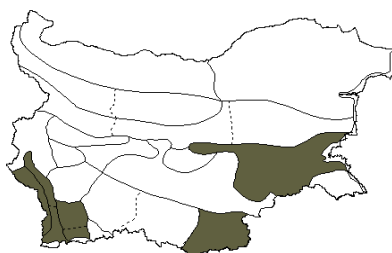
Plantago atrata
Hoppe



2900
⇕
1500

subMed

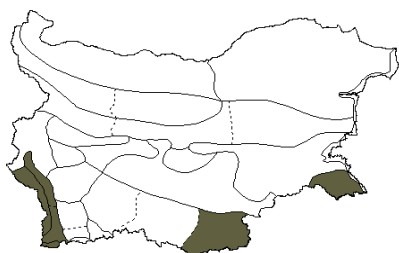
Plantago lagopus
L.



500
⇕
0

Med

Plantago bellardii
All.



500
⇕
0

Med

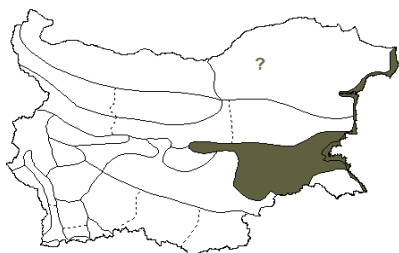
Plantago lanceolata
L.



2000
⇕
0

Kos

Plantago cornuti
L.



500
⇕
0

!

Med-CAs

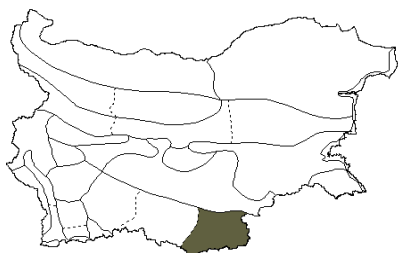
Plantago major
L.



2000
⇕
0

Boreal

Plantago maritima



0
⇕
0

SEur

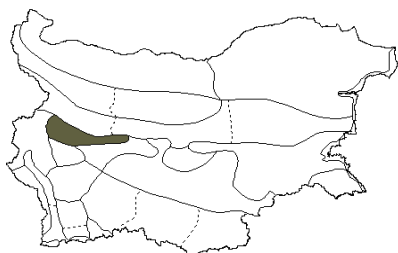
Plantago subulata
L.



2900
⇕
500

Med

Plantago maxima
Juss. ex Jacq.

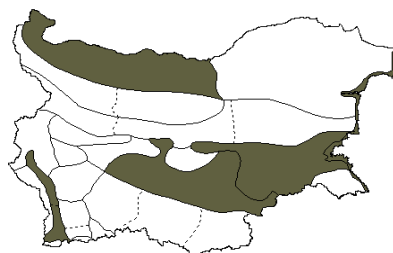


700
⇕
700

!

Eur-As

Plantago tenuiflora
Waldst. & Kit.



600
⇕
0

Pont-CAs

Plantago media
L.



2000
⇕
0

Boreal

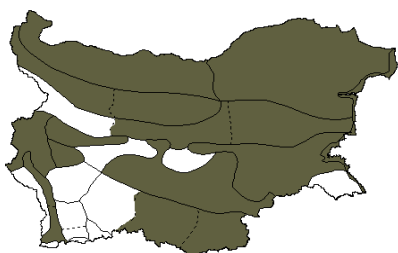
Platanthera bifolia
(L.) Rich.



1500
⇕
0

Eur-As

Plantago scabra
Moench



1000
⇕
0

Eur-Sib

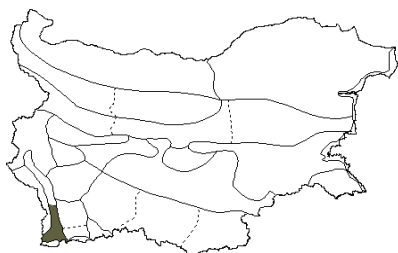
Platanthera chlorantha
(Custer) Rchb.



1200
⇕
0

Eur-Sib

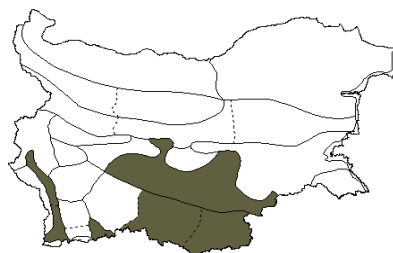
Plantago sempervirens
Crantz



950
⇕
700

subMed

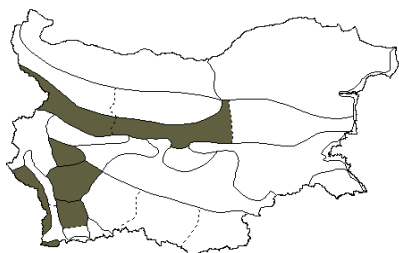
Platanus orientalis
L.



600
⇕
0

Med

Pleuroteropyrum undulatum
(A. Murray) A. & D. Löve



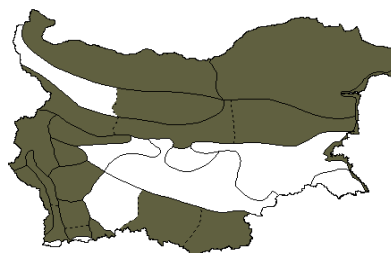
2700



1500

Eur-As

Poa angustifolia
L.



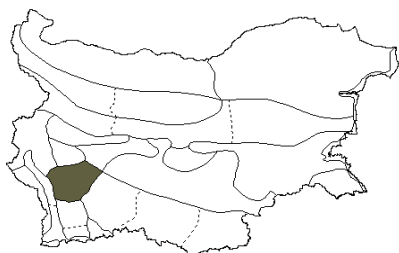
1500



0

Kos

Pleurospermum austriacum
(L.) Hoffm.



900



900



subMed

Poa annua
L.



2000



0

Kos

Plumbago europaea
L.



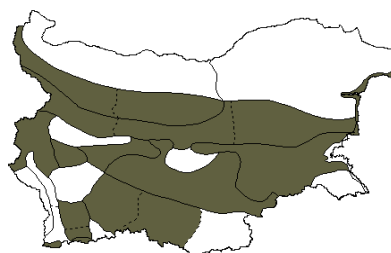
1000



0

subMed

Poa badensis
Haenke ex Willd.



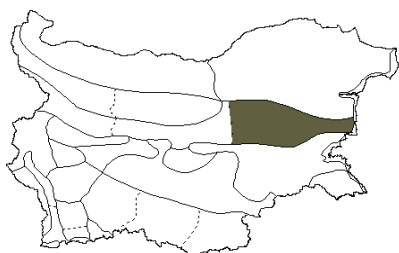
1800



0

Eur-As

Poa aitosensis
Kožuharov & Stoeva



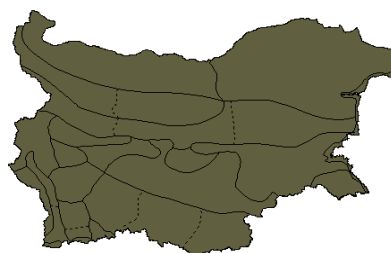
500



0

Bul

Poa bulbosa
L.



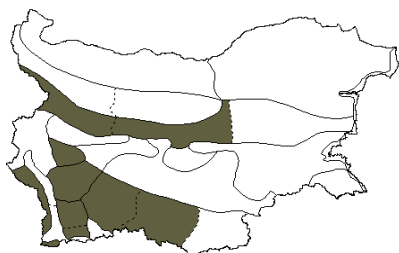
1000



0

Eur-As

Poa alpina
L.



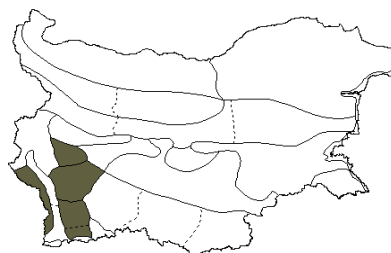
2000



1500

Boreal

Poa cenisia
All.



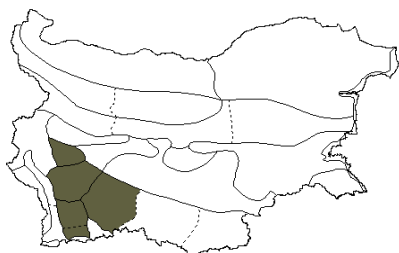
2900



2000

Arct-Alp

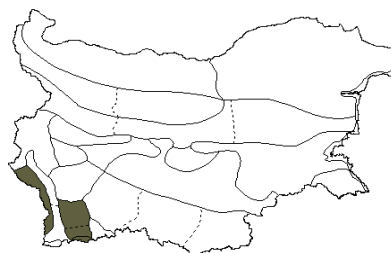
Poa chaixii
Vill.



2400
⇕
1900

Alp-Carp-Bal

Poa macedonica
(Acht.) Stoeva & Kožuharov



2300
⇕
1800

Bal

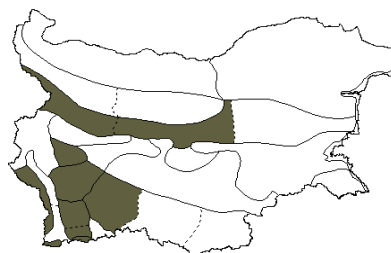
Poa compressa
L.



1500
⇕
0

Eur-subMed

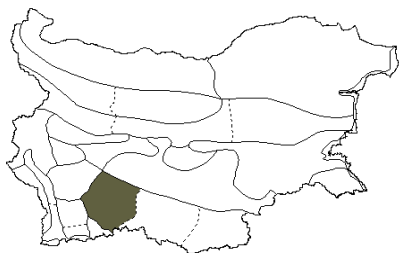
Poa media
Schur



2800
⇕
1700

Carp-Bal

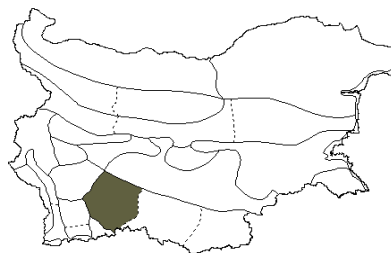
Poa jordanovii
Kožuharov & Stoeva



1600
⇕
1600

Bul

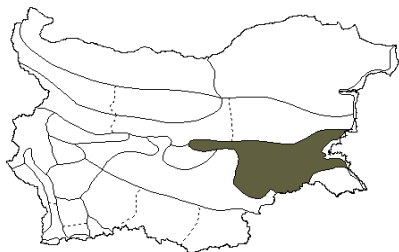
Poa molinerii
Balb.



1600
⇕
1600

Boreal

Poa jubata
A. Kern.



300
⇕
0

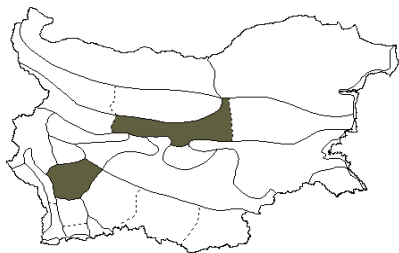
Poa nemoralis
L.



2000
⇕
0

Boreal

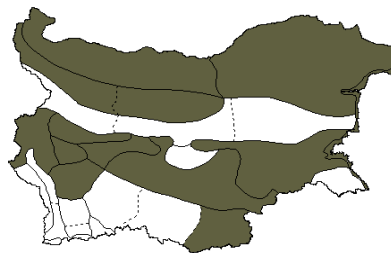
Poa laxa
Haenke



2900
⇕
2000

Alp-Med

Poa palustris
L.



1600
⇕
0

Boreal

Poa perconcinna
Edmonds



⇕

Poa sylvicola
Guss.



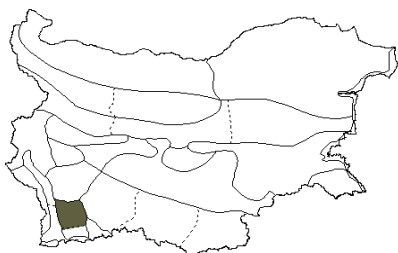
1500

⇕

0

Eur-As

Poa pirinica
Stoj. & Acht.



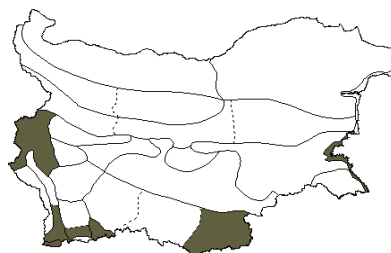
2900

⇕

2000

Bal

Poa timoleontis
Heldr. ex Boiss.



500

⇕

0

CAs

Poa pratensis
L.



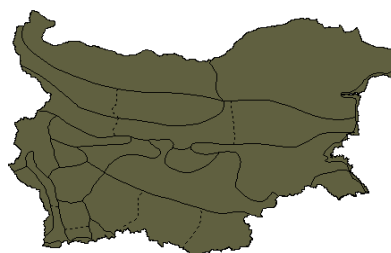
1500

⇕

0

Kos

Poa trivialis
L.



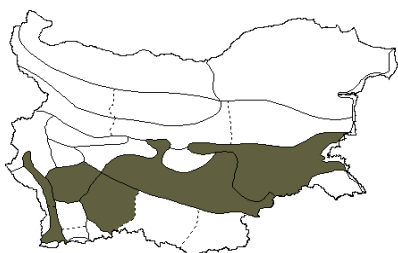
1000

⇕

0

Boreal

Poa pseudoconcinna
Schur



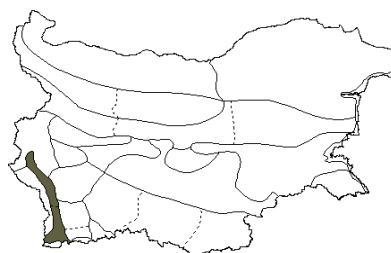
1600

⇕

0

Eur-As

Polycarpon diphyllum
Cav.



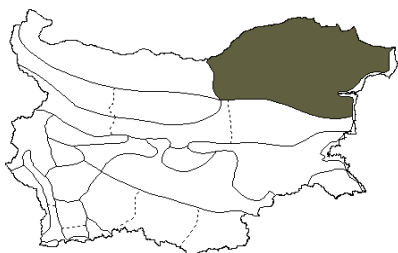
400

⇕

0

subMed

Poa sterilis
M. Bieb.



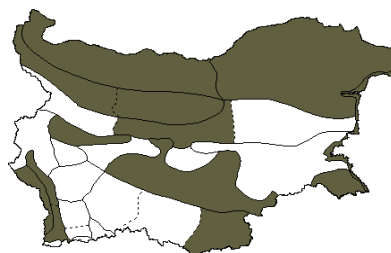
300

⇕

0

Pont

Polycarpon tetraphyllum
(L.) L.



1000

⇕

0

Eur-Med

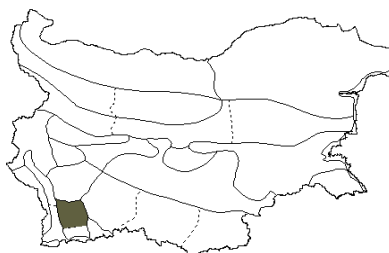
Polycnemum arvense
L.



1000
⇕
0

Eur-Sib

Polygala amarella
Crantz

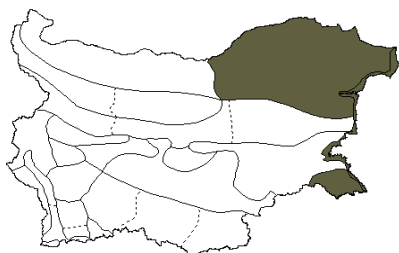


2200
⇕
900

!

Eur

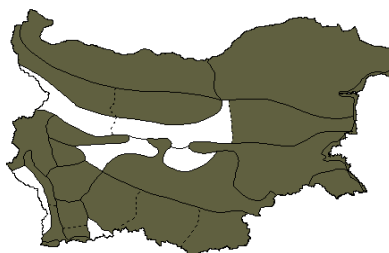
Polycnemum heuffelii
Lang.



200
⇕
0

subMed

Polygala anatolica
Boiss. & Heldr.



1600
⇕
0

Med

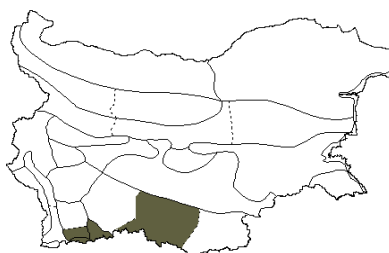
Polycnemum majus
A. Braun



1000
⇕
0

Eur-As

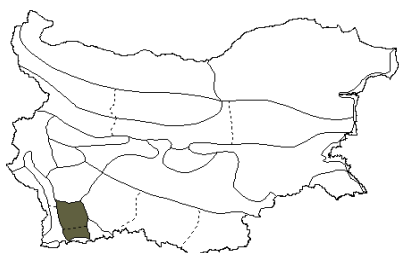
Polygala carniolica
A. Kern.



1500
⇕
500

Bal

Polygala acarnanica
(Chodat) Kožuharov & Petrova

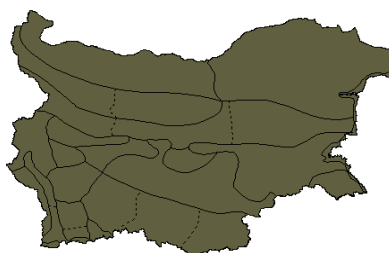


1800
⇕
1800

!

Bal

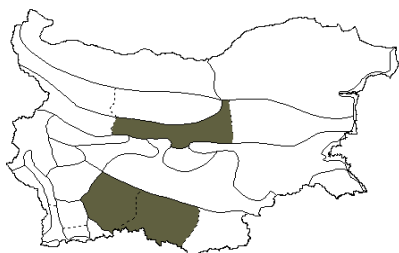
Polygala comosa
Schkuhr



2000
⇕
0

subMed

Polygala alpestris
Rchb.

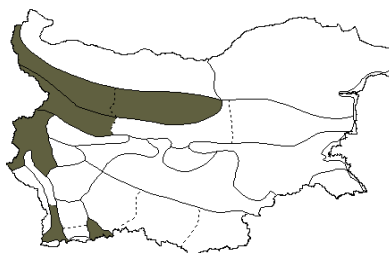


1600
⇕
1400

!

subMed

Polygala hospita
Heuff.



800
⇕
300

Pann-Bal

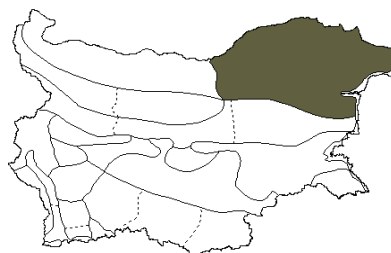
Polygala major
Jacq.



2000
⇕
0

Eur-Sib

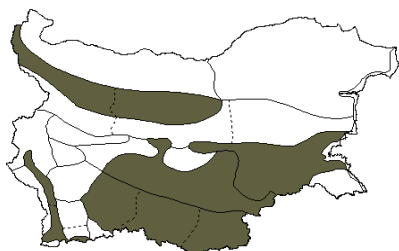
Polygala sibirica
L.



300
⇕
0

Pont-Sib

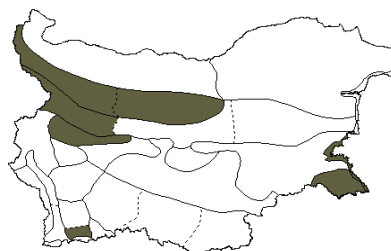
Polygala mediterranea
(Chodat) Dalla Torre & Sarnth.



1700
⇕
0

subMed

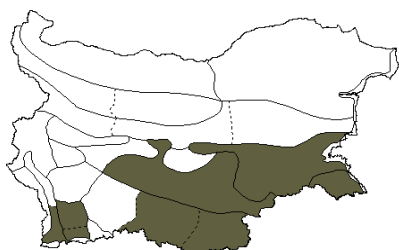
Polygala supina
Schreb.



700
⇕
0

subMed

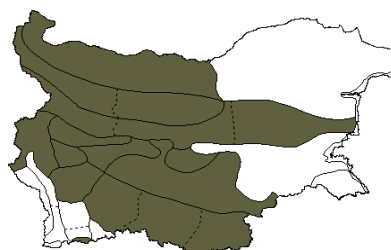
Polygala monspeliaca
L.



700
⇕
0

Med

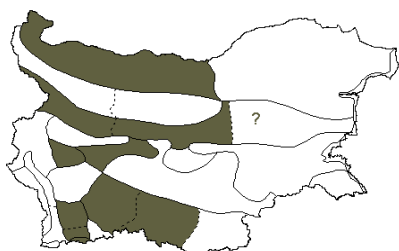
Polygala vulgaris
L.



1700
⇕
0

Eur-Med

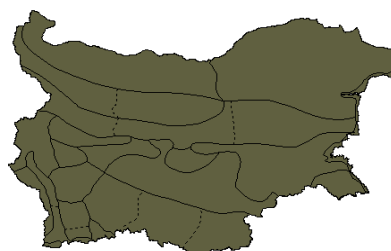
Polygala oxyptera
Rchb.



1700
⇕
0

Eur

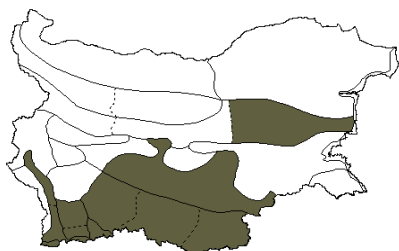
Polygonatum latifolium
(Jacq.) Desf.



2000
⇕
0

Boreal

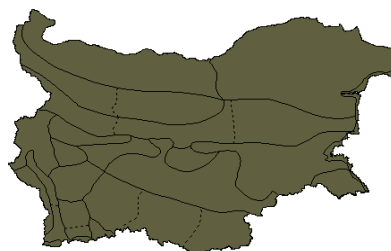
Polygala rhodopea
(Velen.) Janch.



1600
⇕
500

Bal

Polygonatum multiflorum
(L.) All.



1000
⇕
0

Boreal

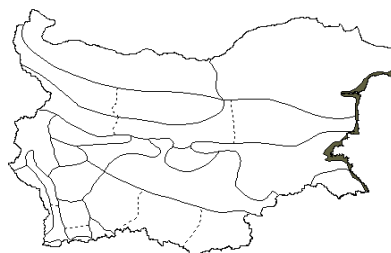
Polygonatum odoratum
(Mill.) Druce



2000
⇕
1000

Eur-Sib

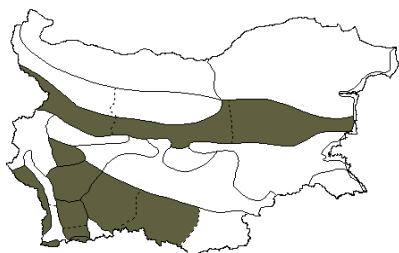
Polygonum maritimum
L.



0
⇕
0

subBoreal

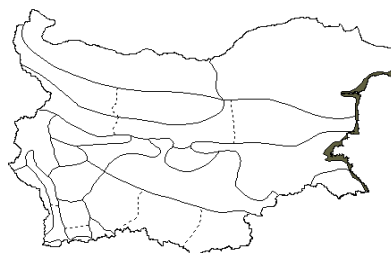
Polygonatum verticillatum
(L.) All.



2000
⇕
1200

Eur-As

Polygonum mesembrium
Chrtk



0
⇕
0

Pont

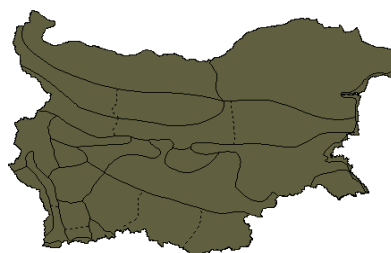
Polygonum arenastrum
Boreau



2300
⇕
0

Kos

Polygonum patulum
M. Bieb.



800
⇕
0

Boreal

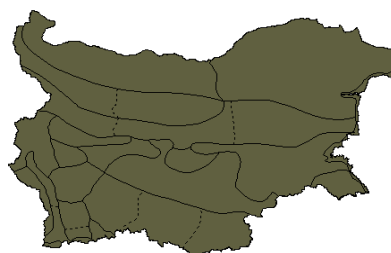
Polygonum aviculare
L.



1200
⇕
0

Kos

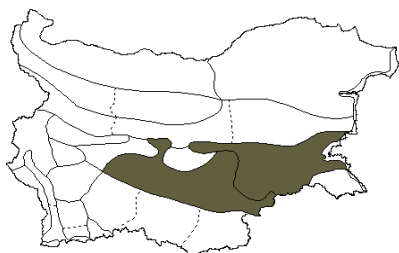
Polygonum pulchellum
Loisel.



1000
⇕
0

subMed

Polygonum cognatum
Meisn.



300
⇕
0

subMed

Polygonum rurivagum
Jord. ex Boreau



1000
⇕
0

subBoreal

Polypodium cambricum
L.



⇕

!

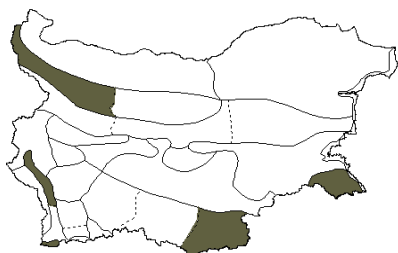
Kos

Polypogon viridis
(Gouan) Breistr.



⇕

Polypodium interjectum
Shivas



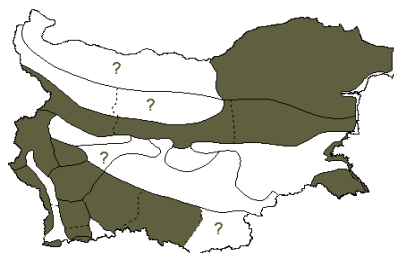
700

⇕

200

Eur

Polystichum aculeatum
(L.) Roth



2000

⇕

0

Boreal

Polypodium mantoniae
Rothm.



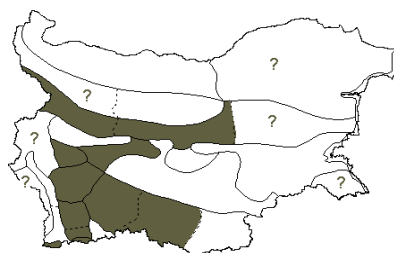
1200

⇕

450

Hybr

Polystichum lonchitis
(L.) Roth



2700

⇕

1100

Boreal

Polypodium vulgare
L.



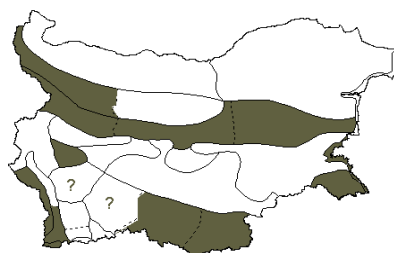
2000

⇕

0

Boreal

Polystichum setiferum
(Forssk.) Moore



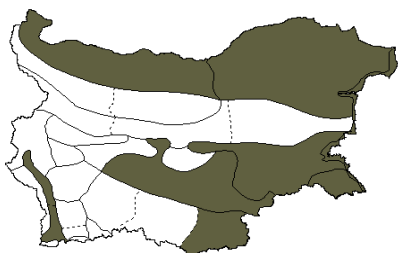
1500

⇕

0

Kos

Polypogon monspeliensis
(L.) Desf.



200

⇕

0

Kos

Populus alba
L.



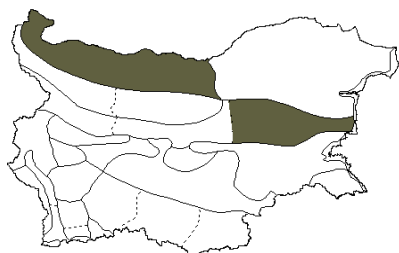
1000

⇕

0

Eur-As

Populus canadensis
Moench



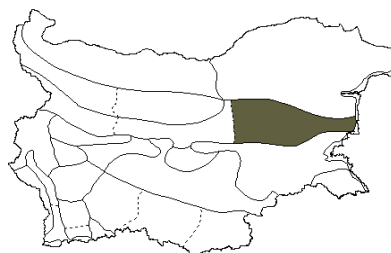
1200



0

Adv (Hybr)

Potamogeton acutifolius
Link



800



200

Kos

Populus canescens
(Aiton) Sm.



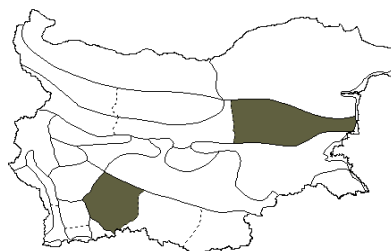
1000



0

Eur-Med

Potamogeton alpinus
Balb.



1600



0

Boreal

Populus nigra
L.



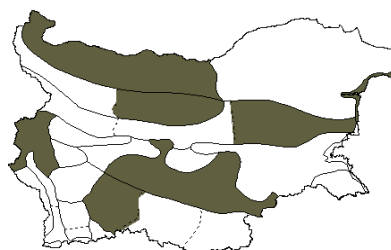
700



0

Eur-As

Potamogeton berchtoldii
Fieb.



1000



0

Eur-As

Populus tremula
L.



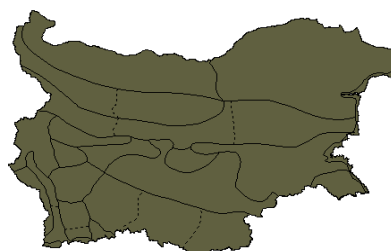
1900



0

subBoreal

Potamogeton crispus
L.



1000



0

Kos

Portulaca oleracea
L.



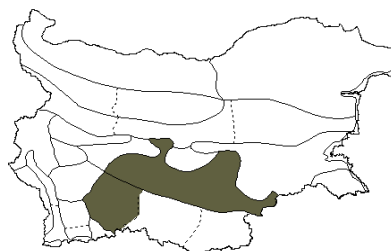
1000



0

Adv

Potamogeton friesii
Rupr.



200

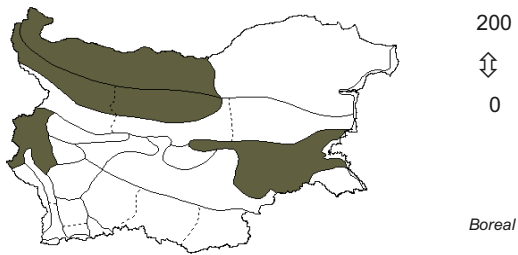


0

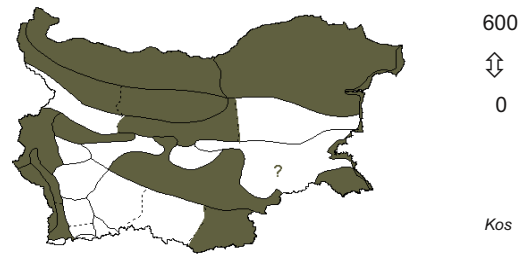


Kos

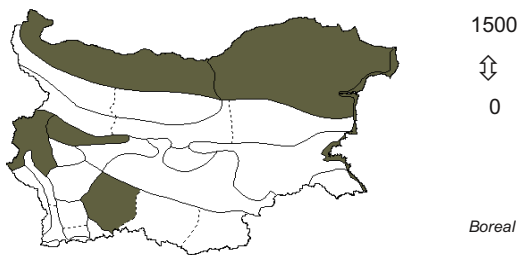
Potamogeton gramineus
L.



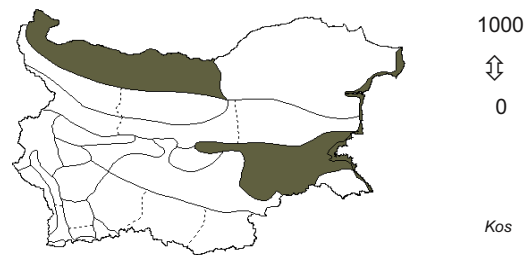
Potamogeton pectinatus
L.



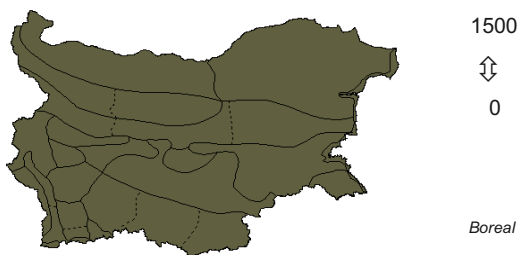
Potamogeton lucens
L.



Potamogeton perfoliatus
L.



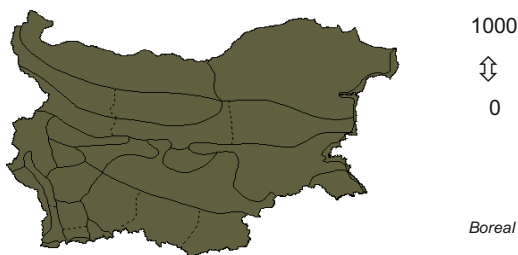
Potamogeton natans
L.



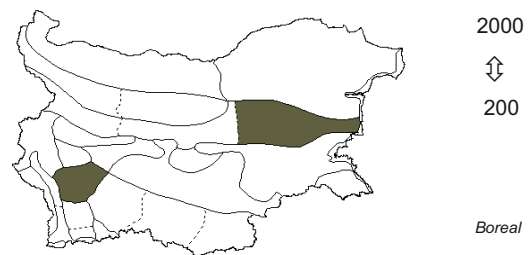
Potamogeton polygonifolius
Pourret



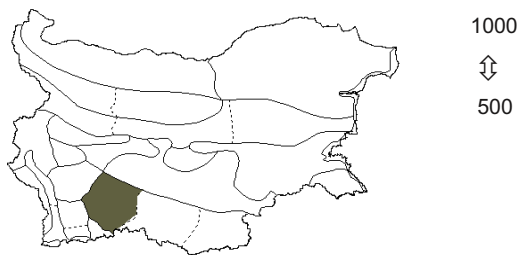
Potamogeton nodosus
Poir.



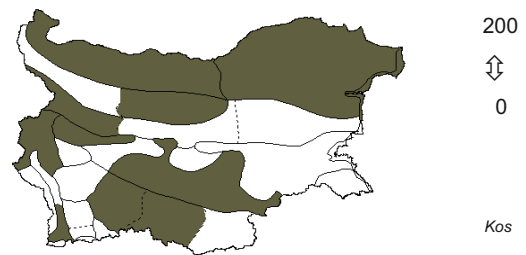
Potamogeton praelongus
Wulfen



Potamogeton obtusifolius
Mertens & Koch

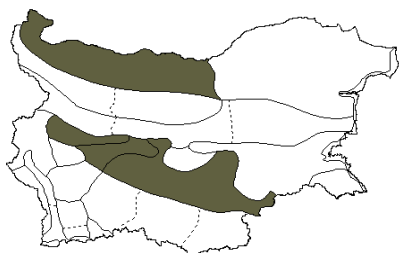


Potamogeton pusillus
L.



Potamogeton trichoides

Cham. & Schlecht.



200



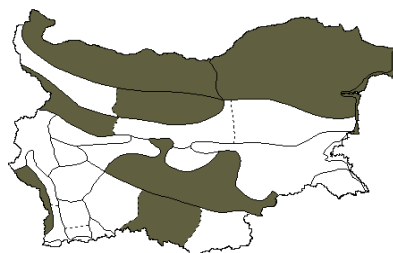
0



Eur-As

Potentilla astracanica

Jacq.



1000

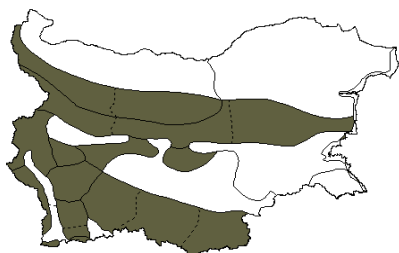


100

Pont-Med

Potentilla alba

L.



2000

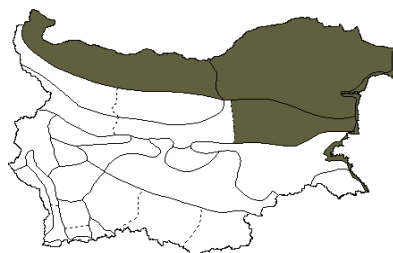


700

Pann-Pont

Potentilla bornmuelleri

Borbás



1000

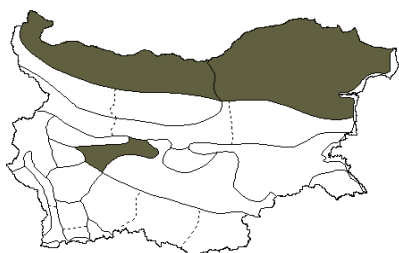


50

Pont-Bal

Potentilla anserina

L.



300

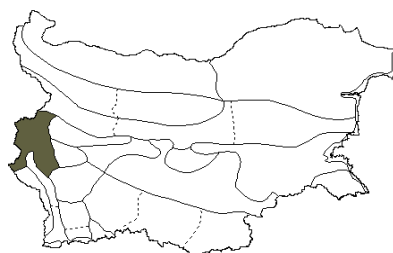


100

Kos

Potentilla chrysantha

Trevir.



1100



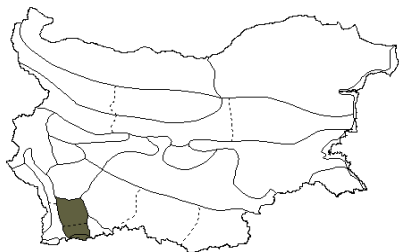
1000



Pont-Sib

Potentilla apennina

Ten.



2800

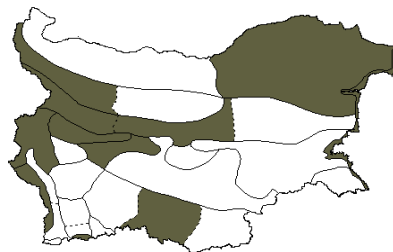


2000

Ap-Bal

Potentilla cinerea

Chaix ex Vill.



2200



0

Eur

Potentilla argentea

L.



1700

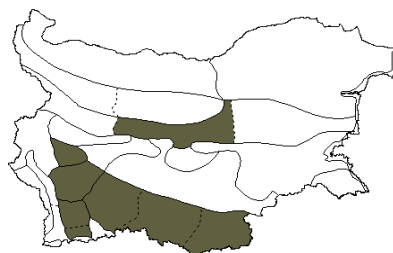


0

SPont

Potentilla crantzii

(Crantz) Beck ex Fritsch



2700

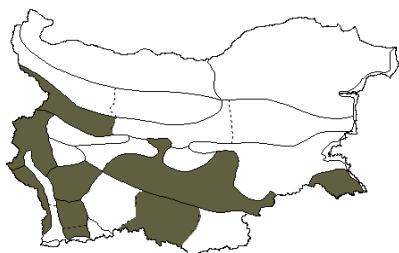


1800

Arct-Alp

Potentilla detommasii

Ten.



2000



400

subMed

Potentilla inclinata

Vill.



1000

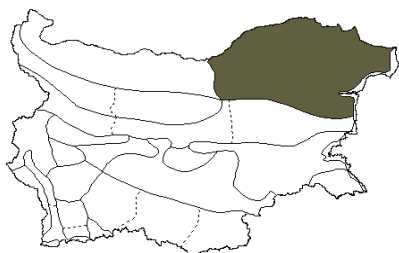


0

Eur-As

Potentilla emili-popii

Nyár.



300



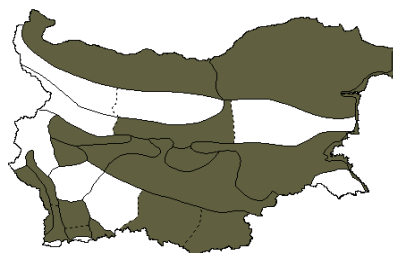
150



Bal

Potentilla laciniosa

Waldst. & Kit. ex Nestl.



1500



0

subMed

Potentilla erecta

(L.) Raeusch.



2800



0

subBoreal

Potentilla micrantha

Ramond ex DC.



2000

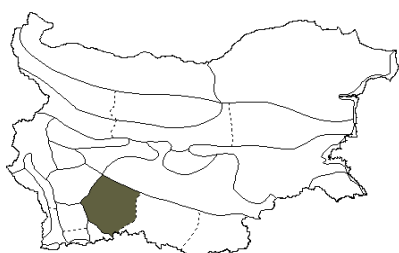


300

Eur-subMed

Potentilla fruticosa

L.



1600



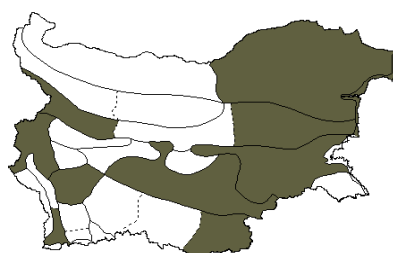
1400



Boreal

Potentilla mollicrinis

(Borbás) Stankov



1000

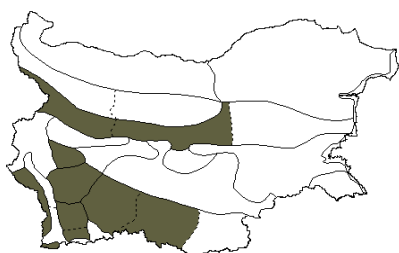


0

Pont-Med

Potentilla haynaldiana

Janka



2800

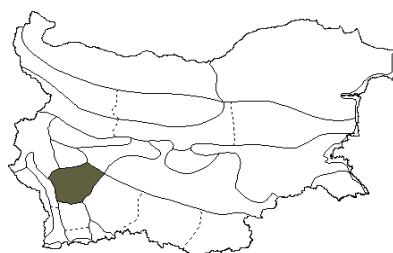


1400

Carp-Bal

Potentilla montenegrina

Pant.



1700



1500



Bal

Potentilla neglecta
Baumg.



1900
⇕
0

subBoreal

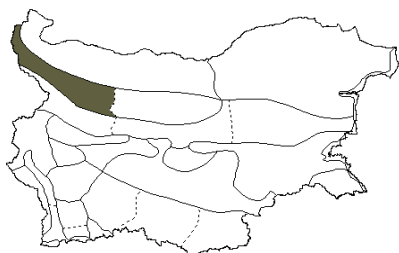
Potentilla pedata
Willd.



1200
⇕
0

Med

Potentilla nicici
Adamović



700
⇕
600
!

Bal

Potentilla pilosa
Willd.



1800
⇕
0

Eur

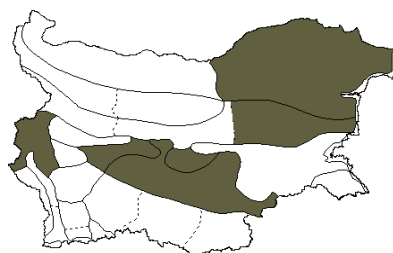
Potentilla obscura
Willd.



1700
⇕
0

Eur

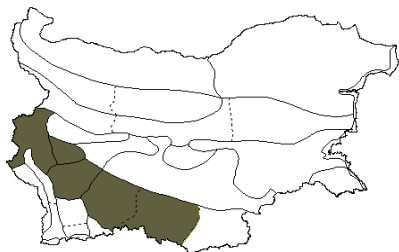
Potentilla pindicola
(Nyman) Hausskn.



600
⇕
150

Pont-Med

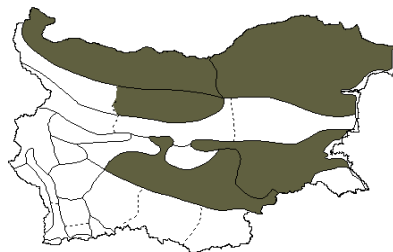
Potentilla palustris
(L.) Scop.



1600
⇕
1400
!

Boreal

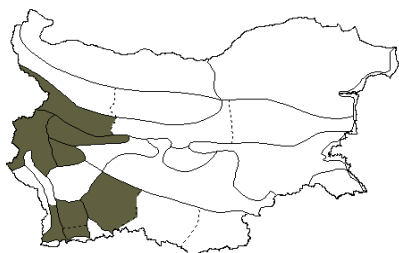
Potentilla pirotensis
(Borbás) Markova



500
⇕
150

subBal

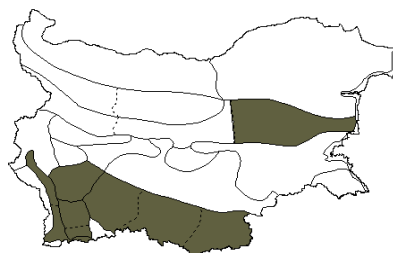
Potentilla patula
Waldst. & Kit.



1000
⇕
200

Eur

Potentilla regis-borisii
Stoj.



2000
⇕
300

Bal

Potentilla reptans
L.



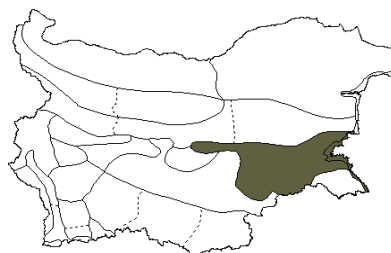
1800



0

Kos

Prangos ferulacea
(L.) Lindl.



300

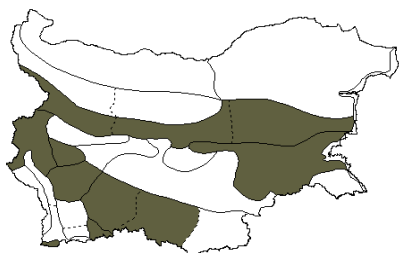


0



Med-OT

Potentilla rupestris
L.



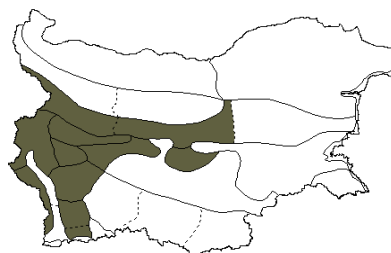
2000



500

Boreal

Prenanthes purpurea
L.



2300



1000

Eur-Med

Potentilla sulphurea
Lam.



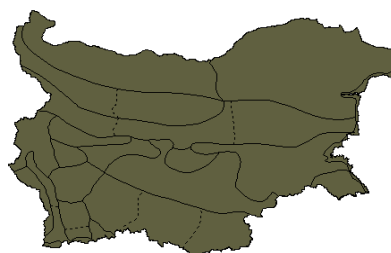
1800



0

subMed

Primula acaulis
(L.) L.



900

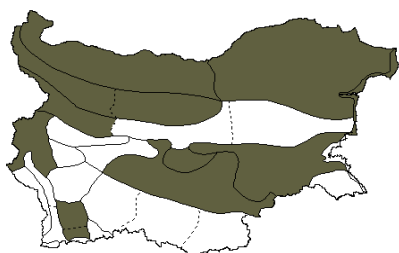


0



Eur

Potentilla supina
L.



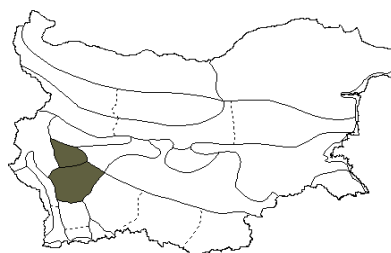
1000



150

subBoreal

Primula deorum
Velen.



2800

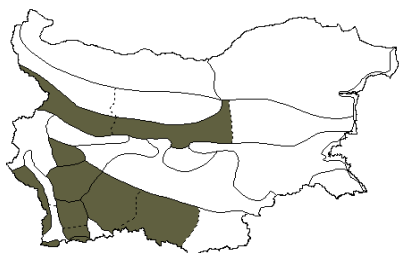


1900



Bul

Potentilla ternata
C. Koch



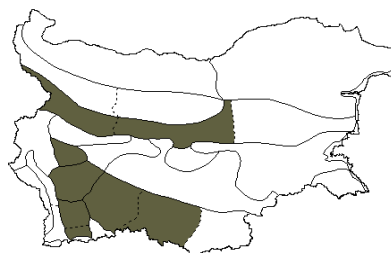
2600



1400

Carp-Bal

Primula elatior
(L.) Hill



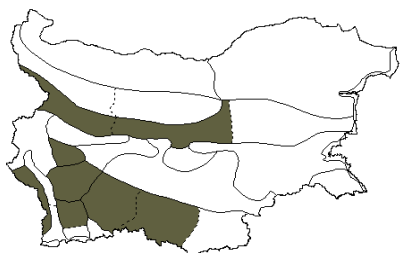
2800



2200

Eur

Primula farinosa
L.



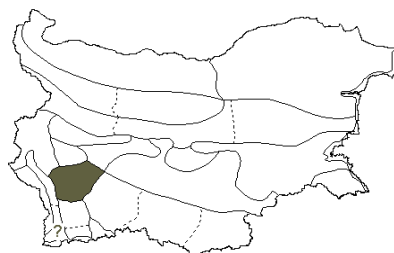
2600



1600

Eur

Pritzelago alpina
(L.) Kuntze



2500

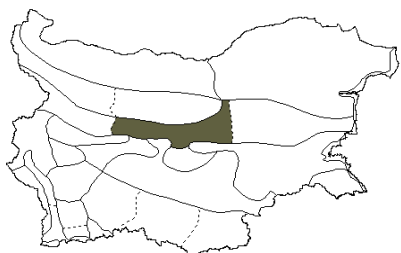


200



Alp-Bal

Primula frondosa
Janka



2000



900



Bul

Prunella grandiflora
(L.) Scholler



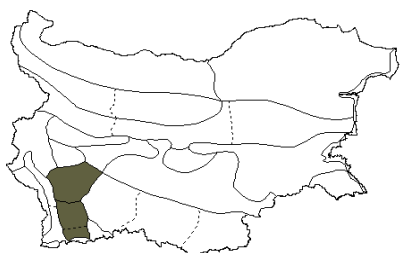
2000



0

subMed

Primula halleri
J. F. Gmel.



2800



2250



Alp-Carp-Bal

Prunella laciniata
(L.) L.



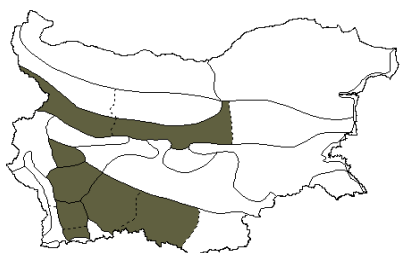
1000



0

Eur

Primula minima
L.



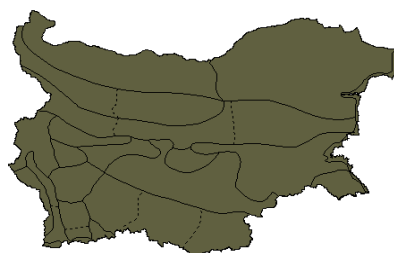
2900



2000

Alp-Carp-Bal

Prunella vulgaris
L.



2000



0

Kos

Primula veris
L.



2500



0

Eur-Med

Prunus avium
L.



2000



0

subMed

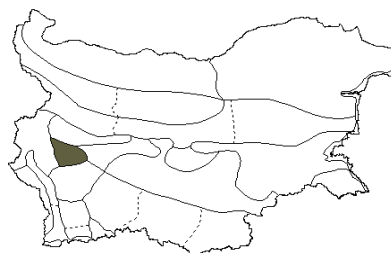
Prunus cerasifera
Ehrh.



1500
⇕
0

Eur-As

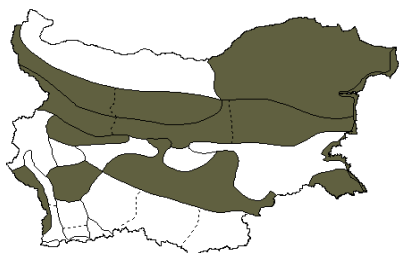
Prunus serotina
Ehrh.



1000
⇕
500

Adv (NAm)

Prunus domestica
L.



1400
⇕
0

Hybr

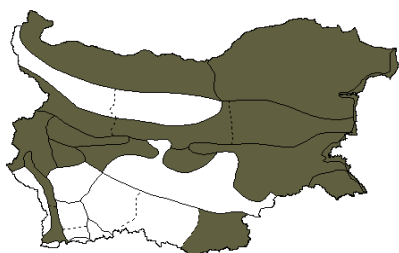
Prunus spinosa
L.



1200
⇕
0

SPont

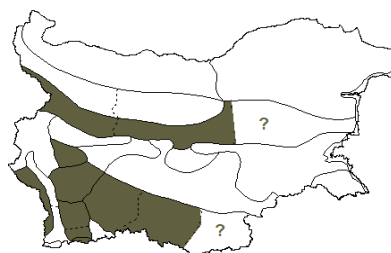
Prunus fruticosa
Pall.



1000
⇕
0

Eur-Sib

Pseudorchis albida
(L.) A. & D. Löve



2700
⇕
1200

Arct-Alp

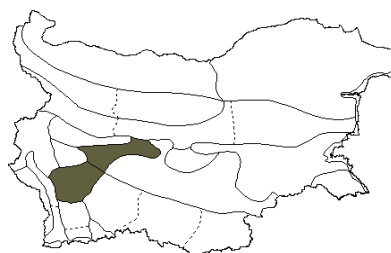
Prunus mahaleb
L.



800
⇕
0

Eur-Med

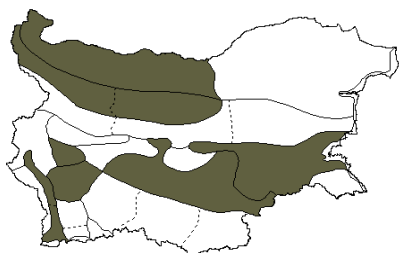
Pseudotsuga menziesii
(Mirb.) Franco



0
⇕
0

Adv (NAm)

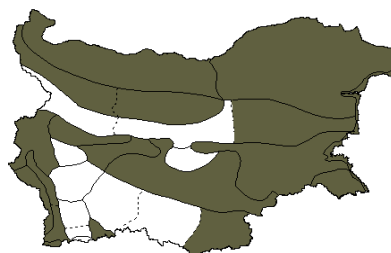
Prunus padus
L.



1000
⇕
0

Eur-As

Psilurus incurvus
(Gouan) Schinz & Thell.



500
⇕
0

subMed

Pteridium aquilinum
(L.) Kuhn



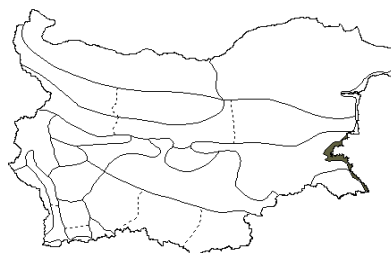
1800



0

Kos

Puccinellia festuciformis
(Host) Parl.



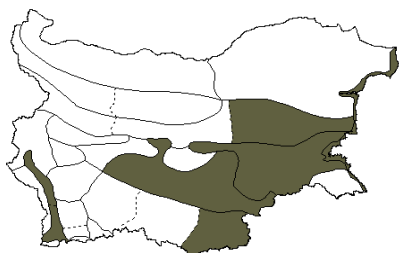
50



0

Sib

Pterocephalus papposus
(L.) Coult.



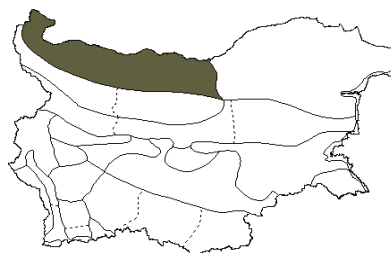
1000



0

Med

Puccinellia hauptiana
(Trin.) Krecz.



200



0

Ptilostemon afer
(Jacq.) Greuter



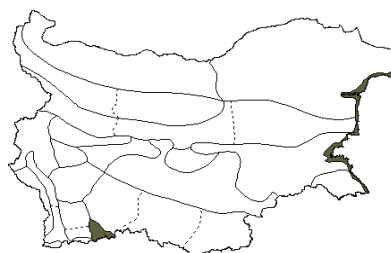
1500



0

Med

Puccinellia limosa
(Schur) Holmb.



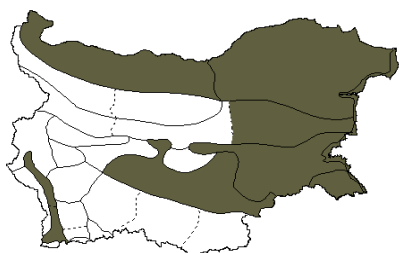
200



0

Pont-Pann

Puccinellia convoluta
(Hornem.) P.Fourr.



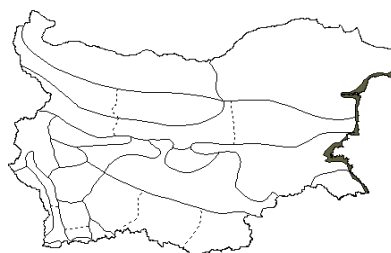
500



0

subMed-Sib

Puccinellia salinaria
(Simonk.) Holmb.



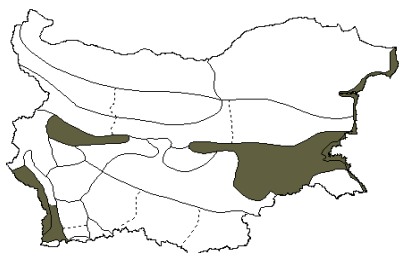
0



0

Med-Sib

Puccinellia distans
(L.) Parl.



200



0

Boreal

Pulicaria dysenterica
(L.) Bernh.



1000



0

Eur-Med

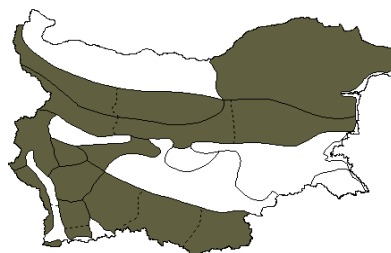
Pulicaria vulgaris
Gaertn.



1000
⇕
0

Eur-As

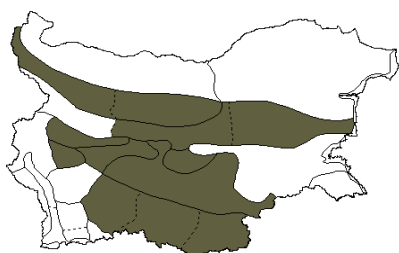
Pulmonaria rubra
Schott



2900
⇕
600

Carp-Bal

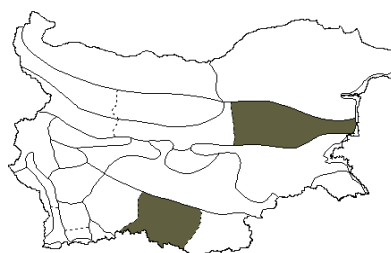
Pulmonaria angustifolia
L.



2900
⇕
300

subMed

Pulsatilla halleri
(All.) Willd.



1400
⇕
300



Alp-Carp-Bal

Pulmonaria mollis
Wulfen ex Hornem.



2900
⇕
300

Eur

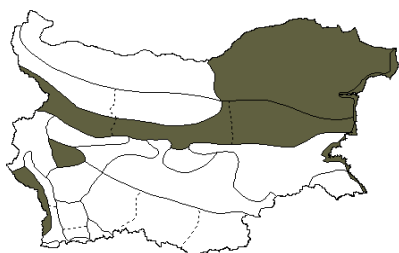
Pulsatilla montana
(Hoppe) Rchb.



1400
⇕
0

Eur

Pulmonaria obscura
Dumort.



1000
⇕
0

subMed

Pulsatilla pratensis
(L.) Mill.



800
⇕
0



Eur

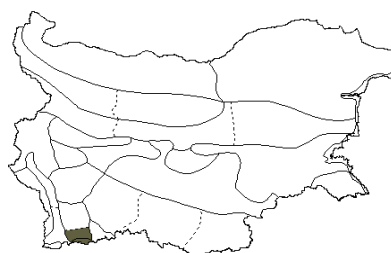
Pulmonaria officinalis
L.



2900
⇕
500

Eur

Pulsatilla slaviankae
(Zimm.) Jordanov & Kožuharov

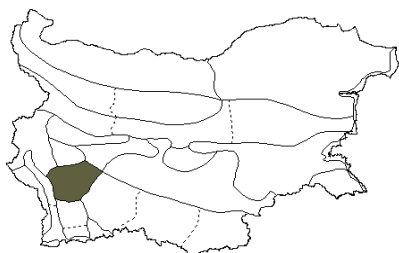


1500
⇕
1000



Bal

Pulsatilla vernalis
(L.) Mill.



2200
⇕
1700

!

Eur

Pycreus longus
(L.) Hayek



1000
⇕
0

Kos

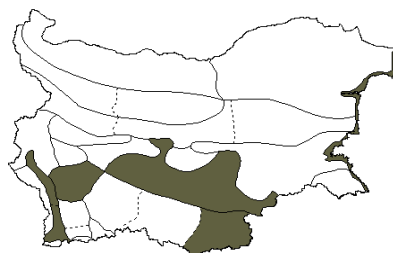
Pycreus flavescens
(L.) Rchb.



1000
⇕
0

Kos

Pycreus rotundus
(L.) Hayek



1300
⇕
0

Kos

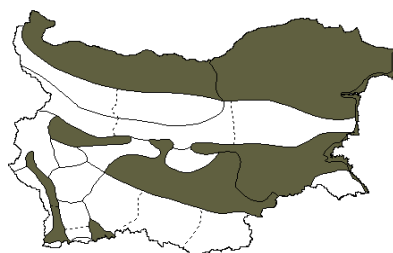
Pycreus glaber
(L.) Hayek



1000
⇕
0

Eur-As

Pycreus serotinus
(Rottb.) Hayek



500
⇕
0

Eur-As

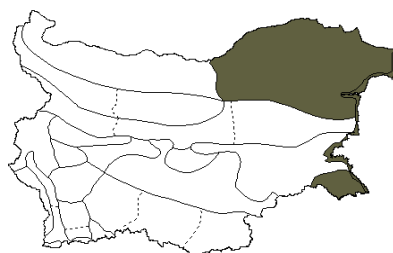
Pycreus globosus
(All.) Rchb.



150
⇕
150

Kos

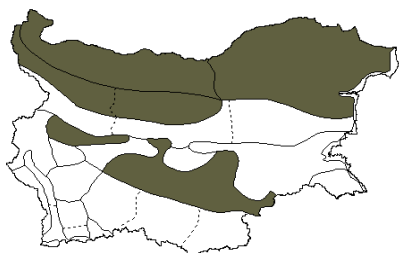
Pyracantha coccinea
M. Roem.



500
⇕
50

Pont-Med

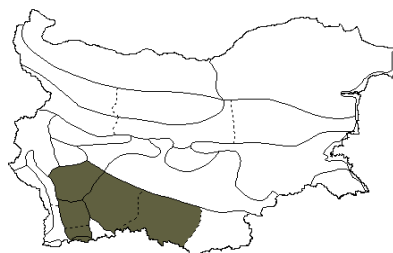
Pycreus glomeratus
(L.) Hayek



200
⇕
0

Eur-As

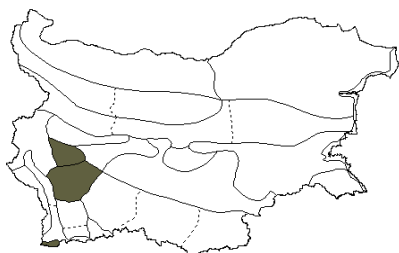
Pyrola chlorantha
Sw.



2100
⇕
1300

Boreal

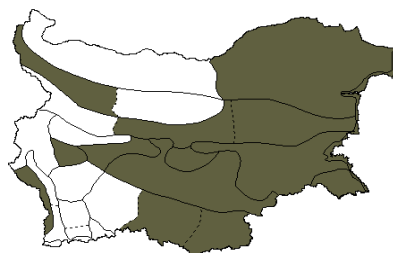
Pyrola media
Sw.



1900
⇕
1200

Eur-Sib

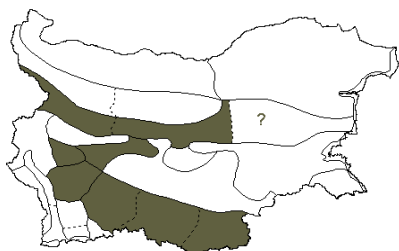
Pyrus elaeagrifolia
Pall.



1500
⇕
0

Med

Pyrola minor
L.



2900
⇕
1000

Boreal

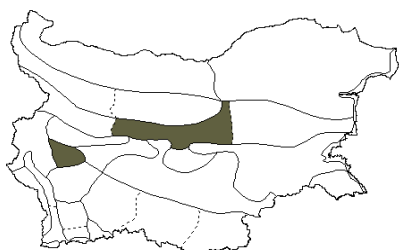
Pyrus nivalis
Jacq.



1200
⇕
1000

Eur-As

Pyrola rotundifolia
L.

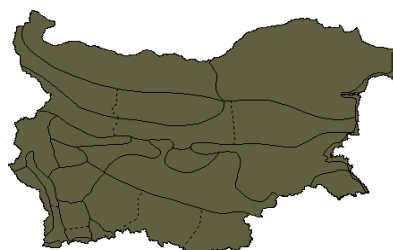


2000
⇕
1750

!

Boreal

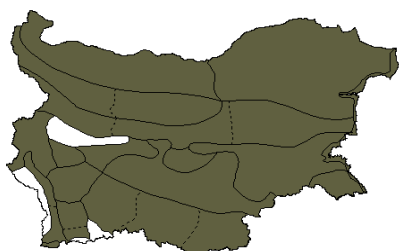
Pyrus pyraster
Burgsd.



1900
⇕
0

subMed

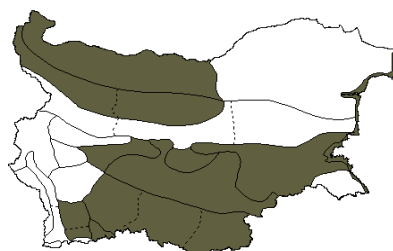
Pyrus amygdaliformis
Vill.



1200
⇕
0

Med

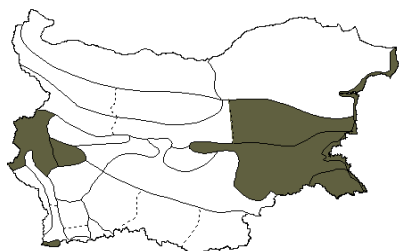
Quercus brachyphylla
Kotschy



500
⇕
0

Med

Pyrus bulgarica
Khutath. & Sachok.

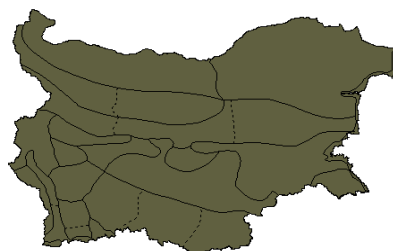


1000
⇕
0

!

subBal

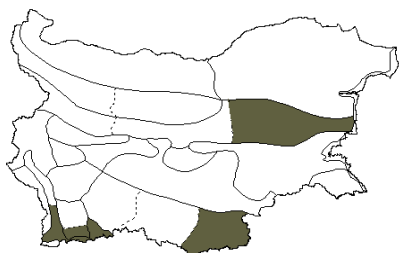
Quercus cerris
L.



1200
⇕
0

Eur-subMed

Quercus coccifera
L.



350

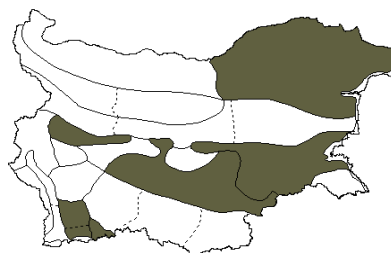


0



Med

Quercus longipes
Steven



1000



0

Pont-Eux

Quercus dalechampii
Ten.



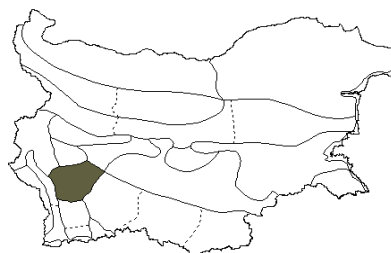
1500



0

subMed

Quercus mestensis
Bondev & Gančev



1000

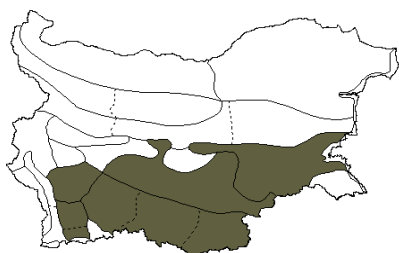


1000



Bul

Quercus erucifolia
Steven



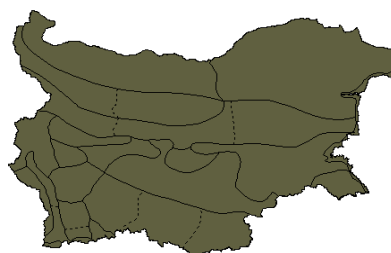
900



0

Pont-Med

Quercus pedunculiflora
C. Koch



800



0

Pont-Med

Quercus frainetto
Ten.



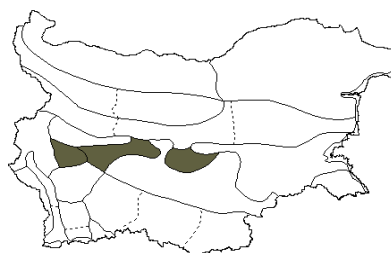
1000



0

Eur

Quercus petraea
(Mattuschka) Liebl.



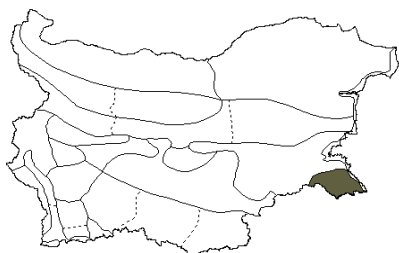
1300



0

Eur

Quercus hartwissiana
Steven



500



0

Pont-Eux

Quercus polycarpa
Schur



1200



0

SEux

Quercus pubescens
Willd.



1500
⇕
0

Eur-subMed

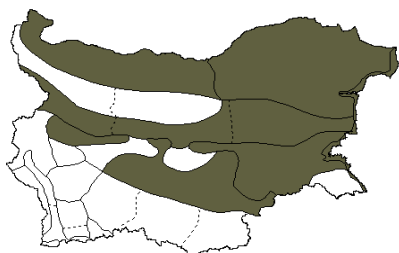
Queria hispanica
L.



1000
⇕
0

subMed

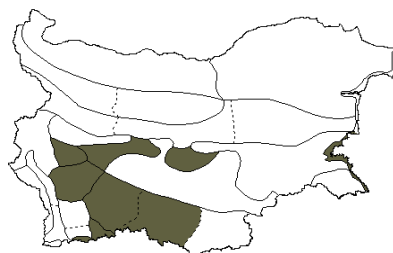
Quercus robur
L.



500
⇕
0

subMed

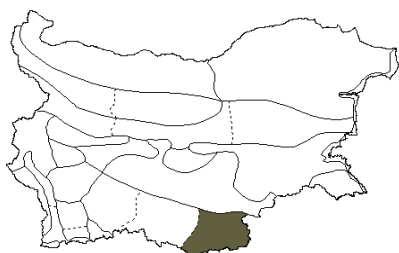
Radiola linoides
Roth



1200
⇕
0

Eur-As

Quercus thracica
Stef. & Nedjalkov

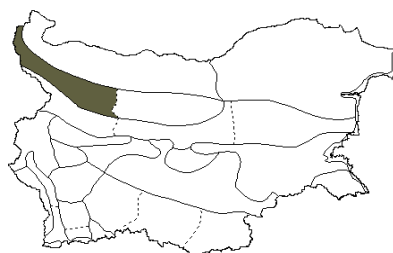


300
⇕
300

!

Bul (Extinct)

Ramonda serbica
Pančić

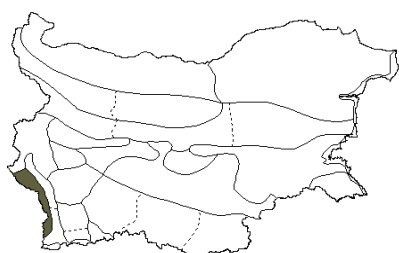


1000
⇕
600

!

Bal

Quercus trojana
Webb



1000
⇕
900

!

Ap-Bal-Anat

Ranunculus acris
L.



2000
⇕
0

Kos

Quercus virgiliana
(Ten.) Ten.



1000
⇕
0

subMed

Ranunculus aquatilis
L.



2300
⇕
0

Kos

Ranunculus arvensis

L.



1000

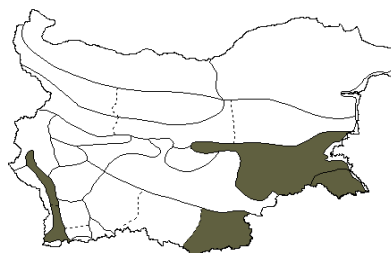


0

Eur-Med

Ranunculus chius

DC.



700



0

Pont-Med

Ranunculus auricomus

L.



1000

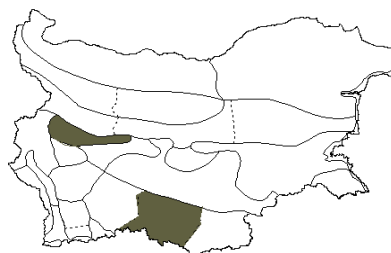


0

Eur-Med

Ranunculus circinatus

Sibth.



950

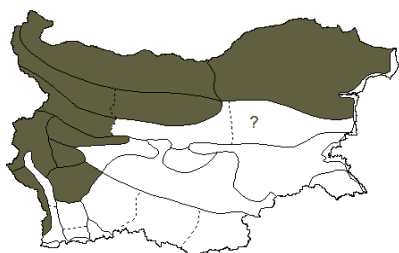


500

Eur-As

Ranunculus bulbosus

L.



2000

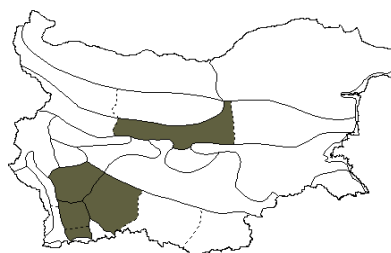


1000

Eur

Ranunculus crenatus

Waldst. & Kit.



2600

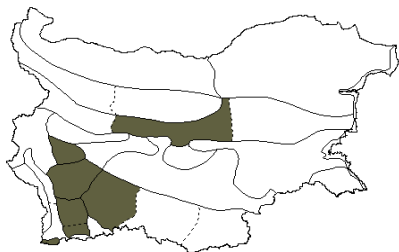


1600

Alp-Carp-Bal

Ranunculus carinthiacus

Hoppe



2500

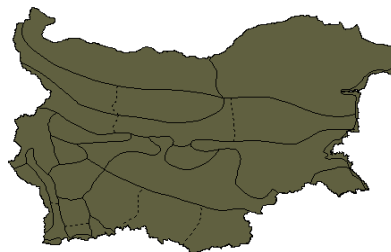


1500

Eur

Ranunculus fallax

(Wimm. & Grab.) A. Kern.



1500

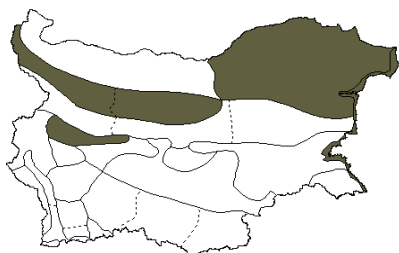


0

Eur

Ranunculus cassubicus

L.



800



0

Eur

Ranunculus ficaria

L.



2000



0

Eur-Sib

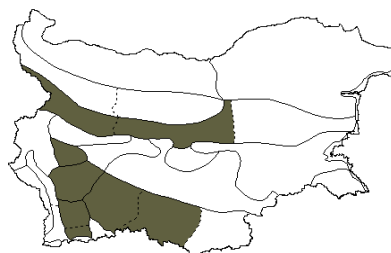
Ranunculus flammula
L.



1700
⇕
500

Eur-Med

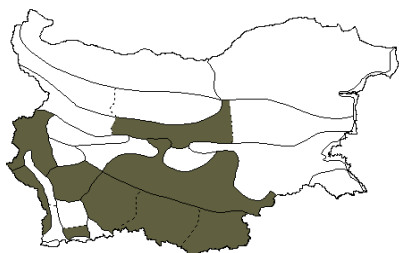
Ranunculus incomparabilis
Janka



2300
⇕
1300

Bal

Ranunculus fontanus
C. Presl

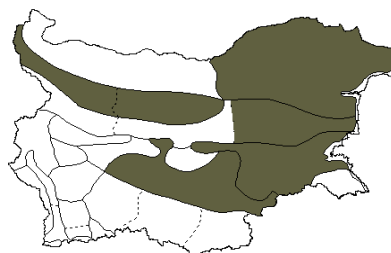


2000
⇕
0

!

Med

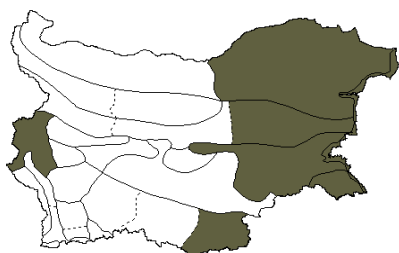
Ranunculus lanuginosus
L.



1500
⇕
0

Eur

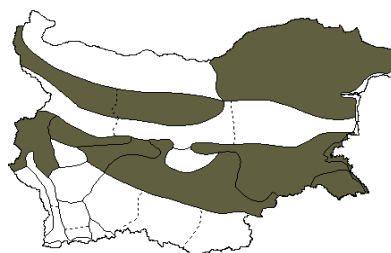
Ranunculus gracilis
E. D. Clarke



800
⇕
0

Med

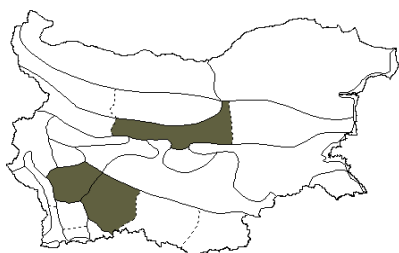
Ranunculus lateriflorus
DC.



800
⇕
0

Med-CAs

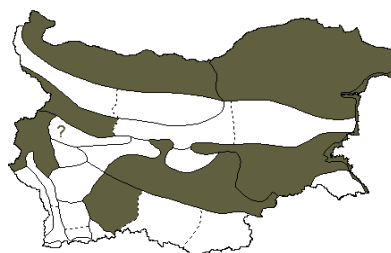
Ranunculus hayekii
Dörfl.



1700
⇕
1400

Bal

Ranunculus lingua
L.



1500
⇕
0

Eur-As

Ranunculus illyricus
L.



1500
⇕
0

Eur-subMed

Ranunculus millefoliatus
Vahl



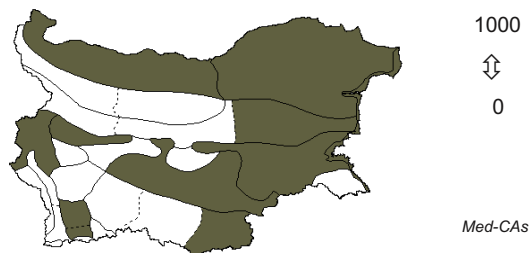
800
⇕
0

subMed

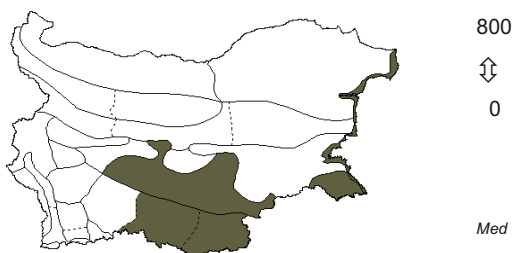
Ranunculus montanus
Willd.



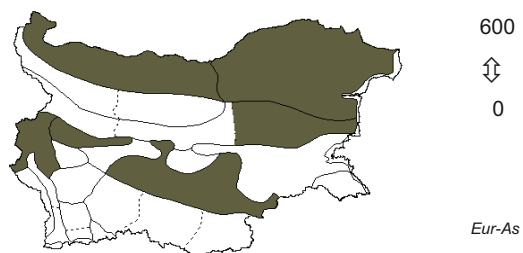
Ranunculus oxyspermus
M. Bieb.



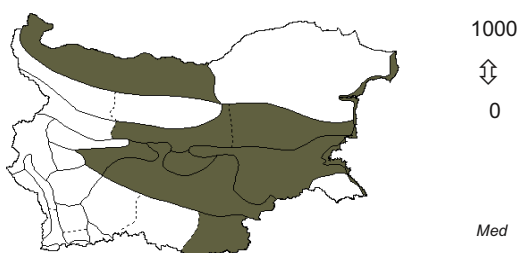
Ranunculus muricatus
L.



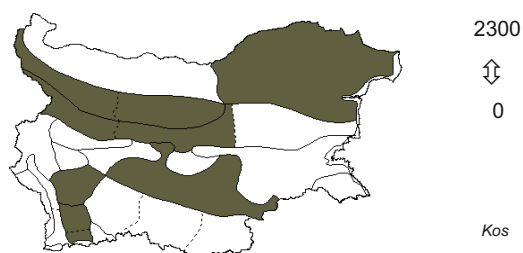
Ranunculus pedatus
Waldst. & Kit.



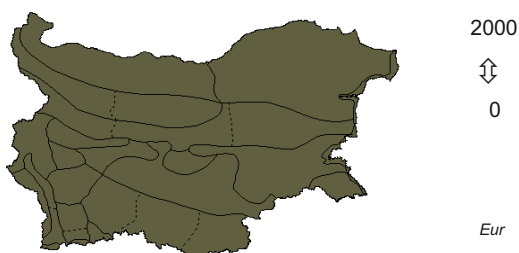
Ranunculus neapolitanus
Ten.



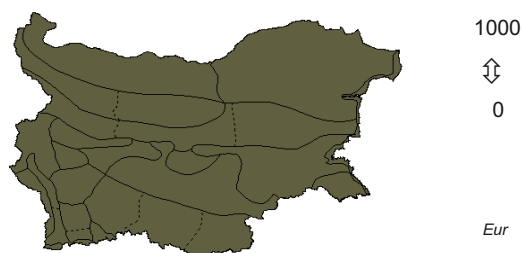
Ranunculus peltatus
Schrank



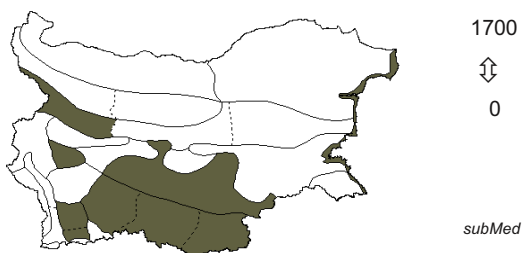
Ranunculus nemorosus
DC.



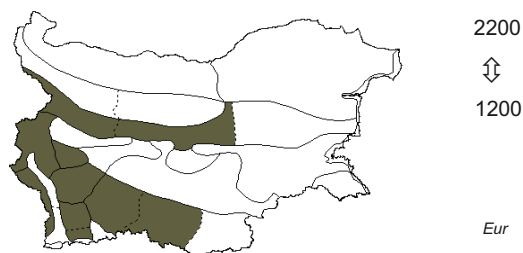
Ranunculus penicillatus
(Dumort.) Bab.



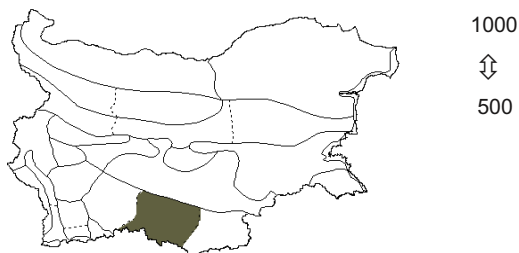
Ranunculus ophioglossifolius
Vill.



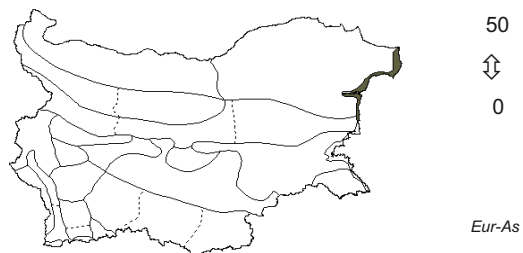
Ranunculus platanifolius
L.



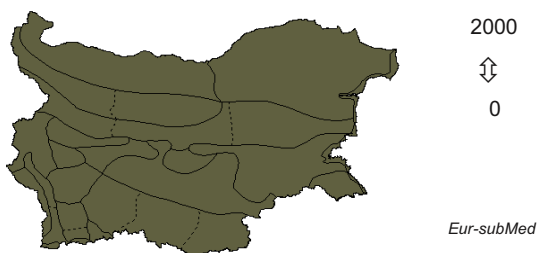
Ranunculus polyanthemoides
Boreau



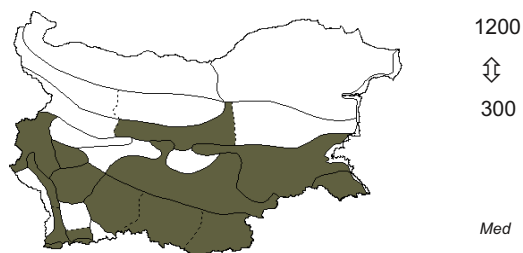
Ranunculus rionii
Lagger



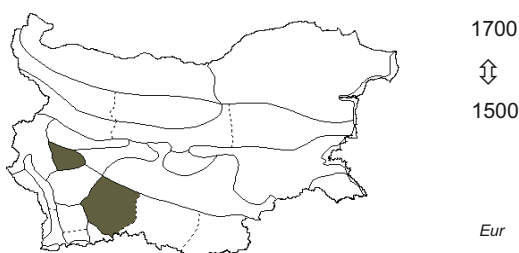
Ranunculus polyanthemus
L.



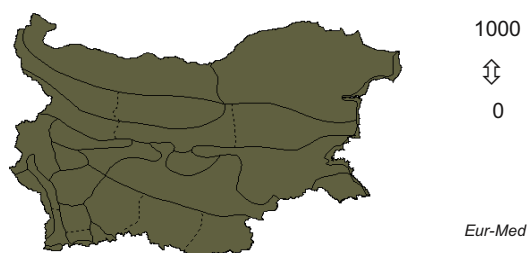
Ranunculus rumelicus
Griseb.



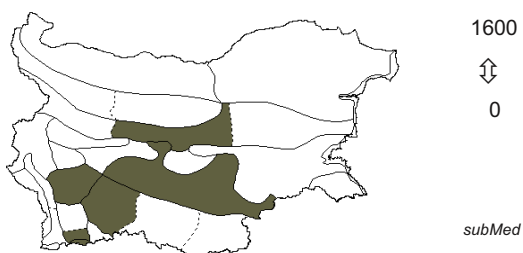
Ranunculus pseudomontanus
Schur



Ranunculus sardous
Crantz



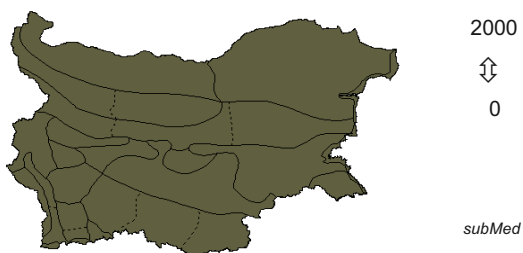
Ranunculus psilostachys
Griseb.



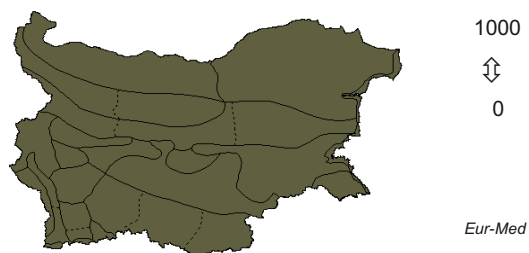
Ranunculus sartorianus
Boiss. & Heldr.



Ranunculus repens
L.



Ranunculus sceleratus
L.



Ranunculus serbicus

Vis.



1500

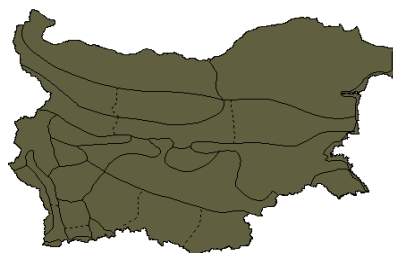


0

Ap-Bal

Ranunculus trichophyllus

Chaix



2500

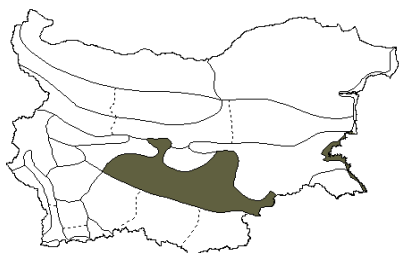


300

Kos

Ranunculus sphaerospermus

Boiss. & Blanche



100



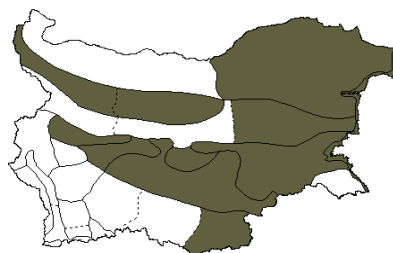
0



Med-Bal

Ranunculus velutinus

Ten.



800

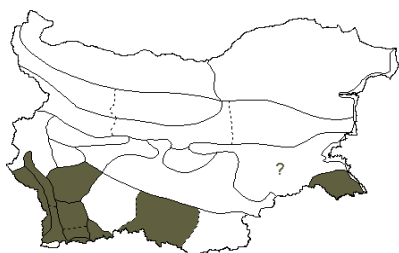


0

Med

Ranunculus sprunerianus

Boiss.



1500

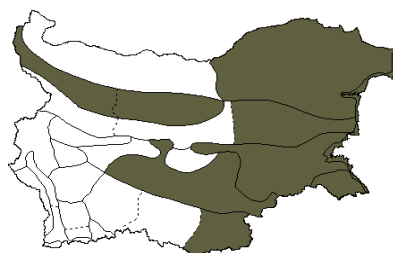


500

subMed

Ranunculus villosus

DC.



500

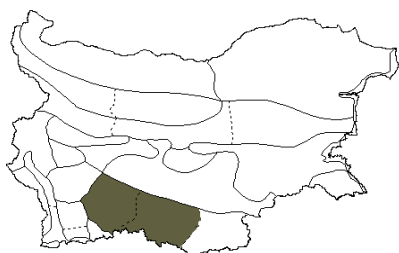


0

subMed

Ranunculus stojanovii

Delip.



1250



200



Bul

Raphanus raphanistrum

L.



1500

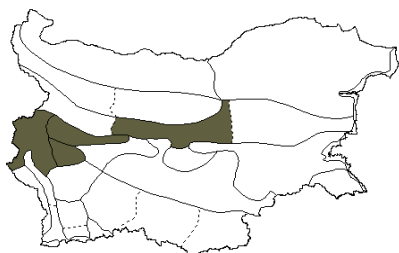


0

Eur-Sib

Ranunculus strigulosus

Schur



1200

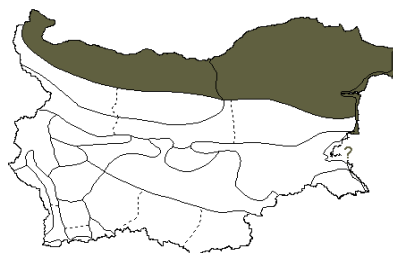


500

Pont-subMed

Rapistrum perenne

(L.) All.



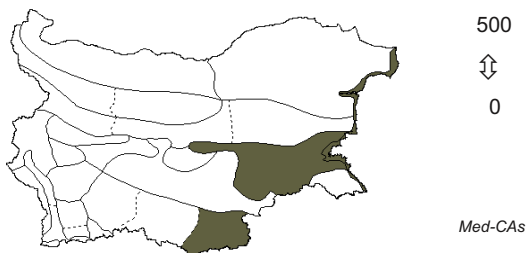
500



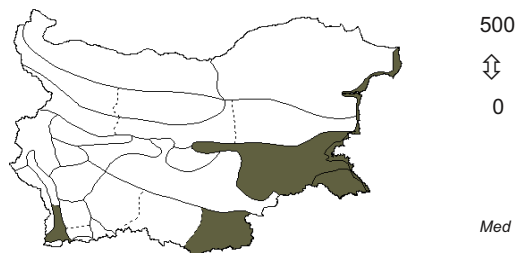
0

Eur

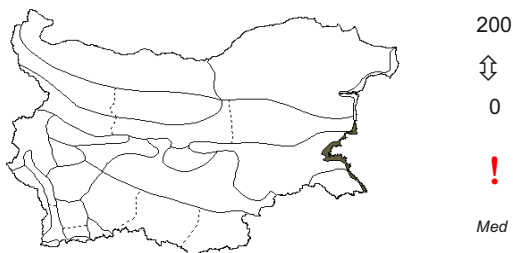
Rapistrum rugosum
(L.) All.



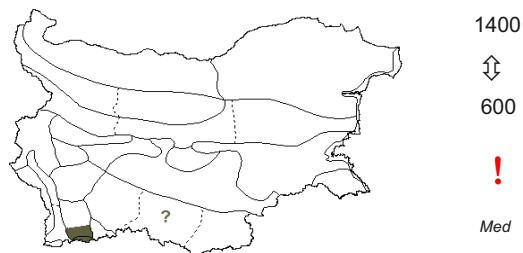
Rhagadiolus stellatus
(L.) Gaertn.



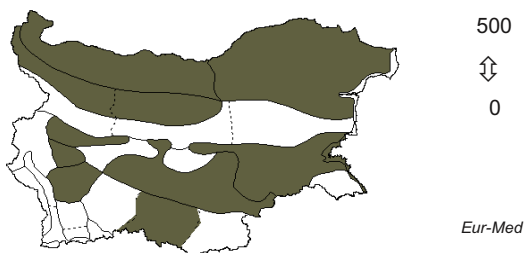
Reichardia picroides
(L.) Roth



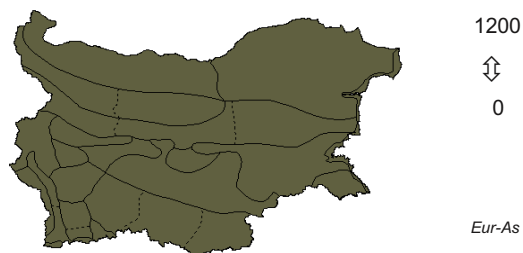
Rhamnus alpinus
L.



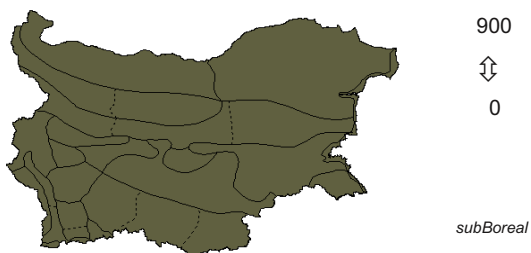
Reseda inodora
Rchb.



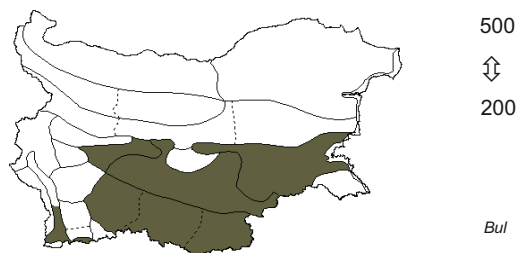
Rhamnus catharticus
L.



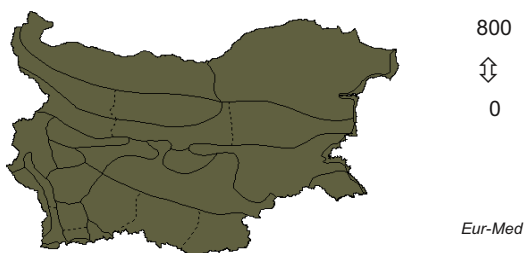
Reseda lutea
L.



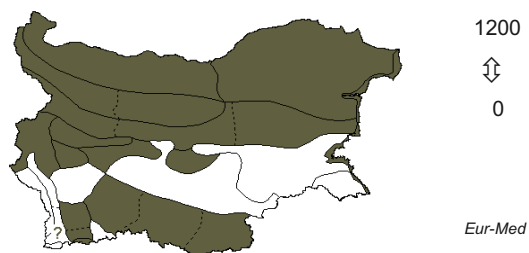
Rhamnus rhodopeus
Velen.



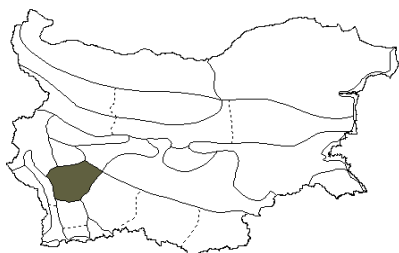
Reseda luteola
L.



Rhamnus saxatilis
Jacq.



Rheum rhaponticum
L.



2400

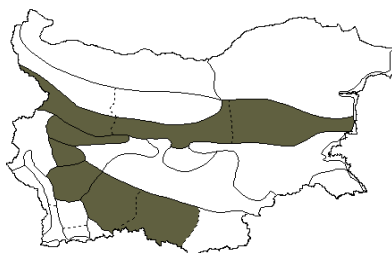


1500



Bul

Rhinanthus minor
L.



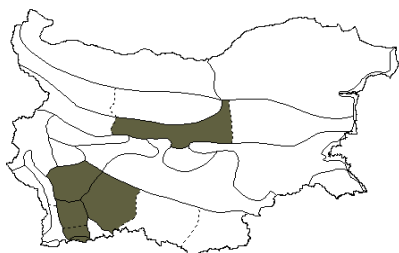
2000



0

Eur-Sib

Rhinanthus alpinus
Baumg.



2900



2000

Alp-Carp-Bal

Rhinanthus rumelicus
Velen.



1200



0

Eur-Med

Rhinanthus angustifolius
C. C. Gmel.



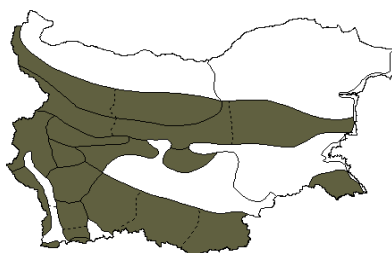
2000



800

Eur

Rhinanthus wagneri
Degen



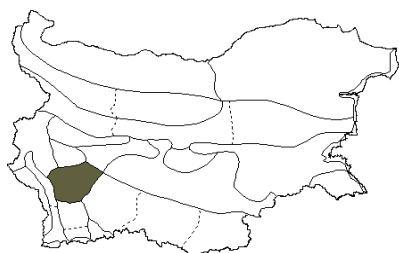
2900



1000

subMed

Rhinanthus gracilis
Schur

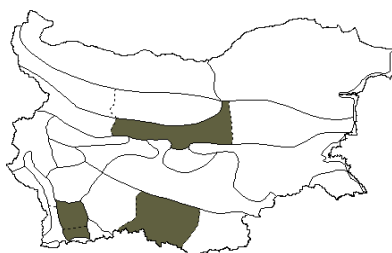


1500



1500

Rhodax alpestris
(Jacq.) Fuss



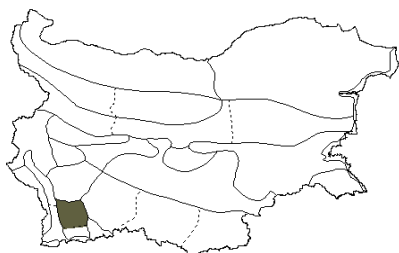
2500



1400

Alp-Med

Rhinanthus javorkae
Sóo



2900



2000

Bul

Rhodax canus
(L.) Fuss



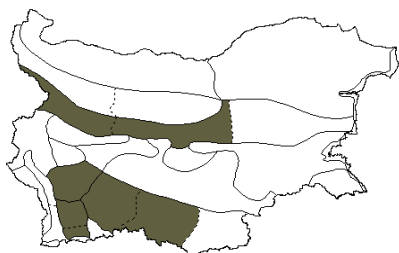
2800



50

Pont

Rhodiola rosea
L.



2600

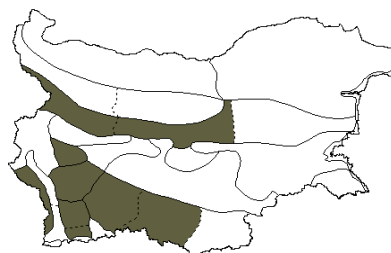


1800



Boreal

Ribes alpinum
L.



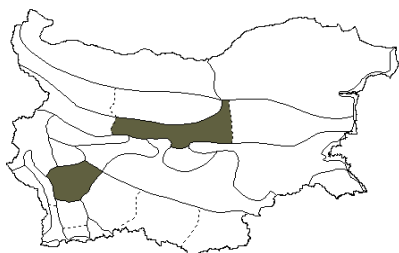
2000



1200

Eur

Rhododendron myrtifolium
Schott & Kotschy



2500

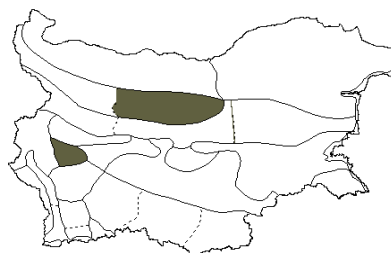


2000



Carp-Bal

Ribes aureum
Pursh



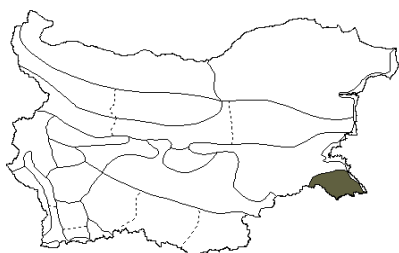
1000



0

Adv (NAm)

Rhododendron ponticum
L.



300

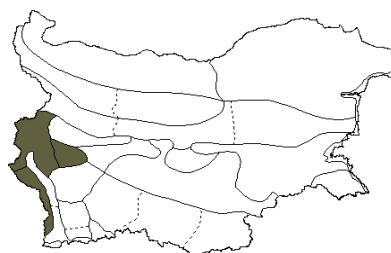


150



Eux

Ribes multiflorum
Kit. ex Roem. & Schult.



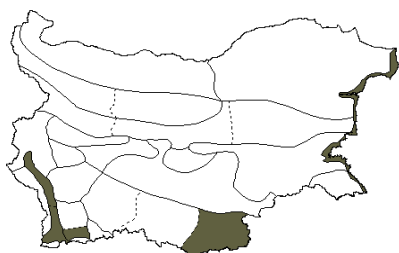
1200



900

Ap-Bal

Rhus coriaria
L.



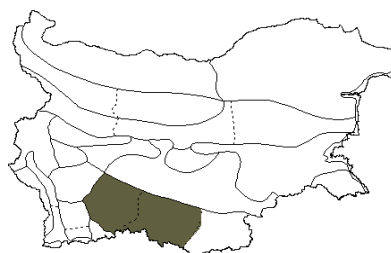
700



0

Med-As

Ribes nigrum
L.



1800

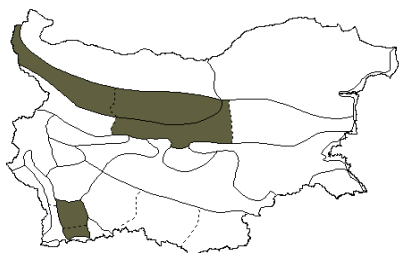


1600



Arct-Alp

Rhynchosorys elephas
(L.) Griseb.



2000

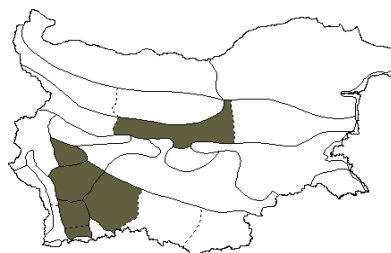


1000



subMed

Ribes petraeum
Wulfen



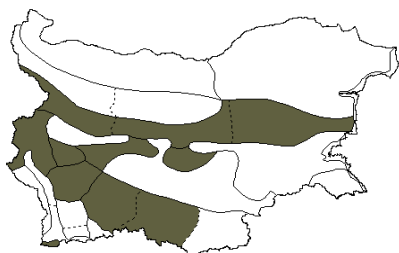
2100



1200

subMed

Ribes uva-crispa
L.



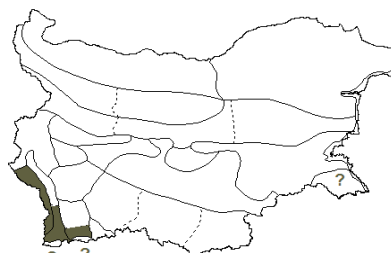
1500



750

subMed

Romulea bulbocodium
(L.) Sebast. & Mauri



500

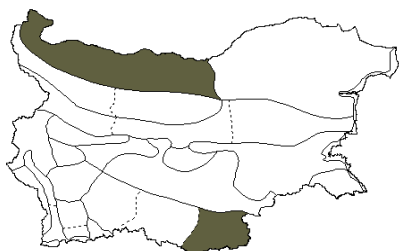


0



Med

Rindera umbellata
(Waldst. & Kit.) Bunge



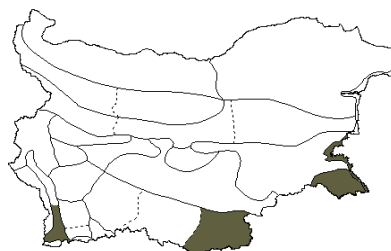
500



0

Pont

Romulea linaresii
Parl.



300



0



EMed

Robinia pseudoacacia
L.



1000



0

Adv (NAm)

Rorippa amphibia
(L.) Besser



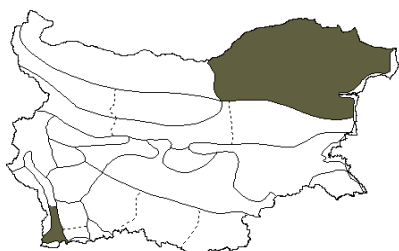
500



0

Eur-As

Rochelia disperma
(L. f.) K. Koch



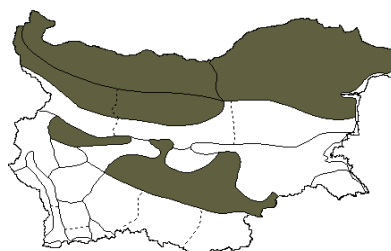
200



100

Med-CAs

Rorippa armoratioides
(Tausch) Fuss



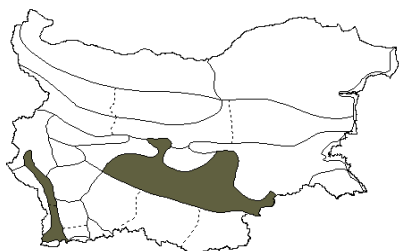
500



0

Hybr

Roemeria hybrida
(L.) DC.



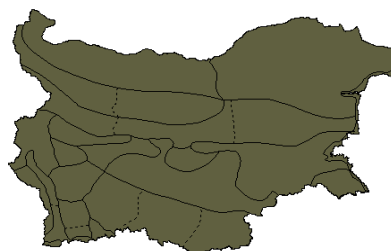
500



0

Med-CAs

Rorippa austriaca
(Crantz) Besser



1000



0

Eur-Med

Rorippa palustris
(L.) Besser



1000
⇕
0

subBoreal

Rosa agrestis
Savi



1600
⇕
0

subMed

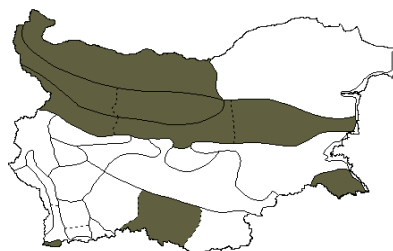
Rorippa prolifera
(Heuff.) Neilr.



1000
⇕
0

Bal-Dac

Rosa arvensis
Huds.



1000
⇕
50

subMed

Rorippa pyrenaica
(L.) Rchb.



1000
⇕
0

subMed

Rosa caesia
Sm.



2000
⇕
300

Eur

Rorippa sylvestris
(L.) Besser



1000
⇕
0

Eur-As

Rosa canina
L.



2000
⇕
0

subMed

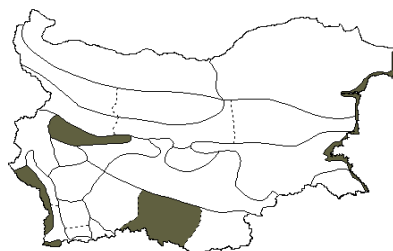
Rorippa thracica
(Griseb.) Fritsch



1600
⇕
0

subMed

Rosa caryophyllacea
Besser



1000
⇕
0

subMed

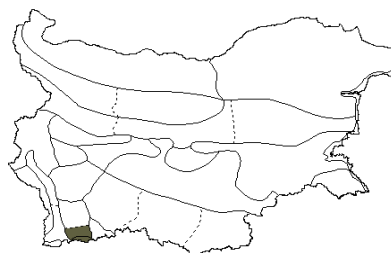
Rosa corymbifera
Borkh.



1000
⇕
0

Eur-As

Rosa heckeliana
Tratt.



1200
⇕
800

Eur

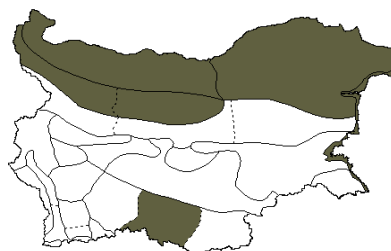
Rosa dumalis
Bechst.



1500
⇕
0

Eur-As

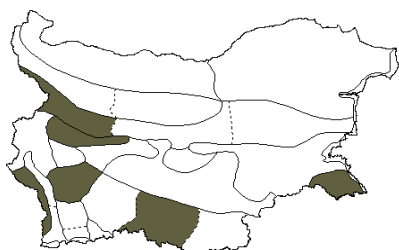
Rosa jundzillii
Besser



1800
⇕
0

Eur

Rosa elliptica
Tausch



1500
⇕
500

subMed

Rosa micrantha
Borrer ex Sm.



1200
⇕
0

subMed

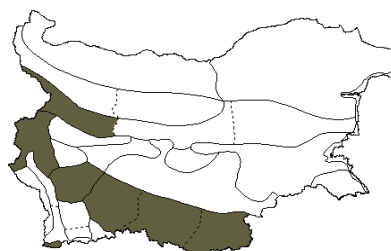
Rosa gallica
L.



1000
⇕
0

Eur-Med

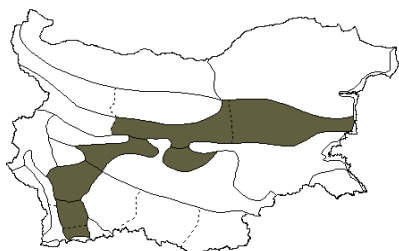
Rosa mollis
Sm.



1500
⇕
400

Eur-Med

Rosa glauca
Pourret



2000
⇕
1000

subMed

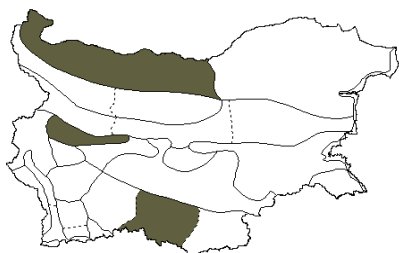
Rosa myriacantha
DC.ex Lam. & DC.



2000
⇕
300

subMed

Rosa nitidula
Besser



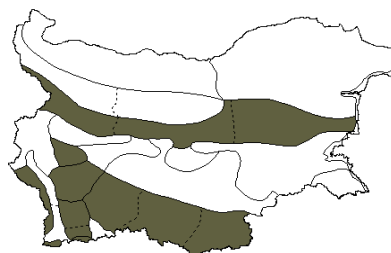
1000



0

Eur

Rosa pulverulenta
M. Bieb.



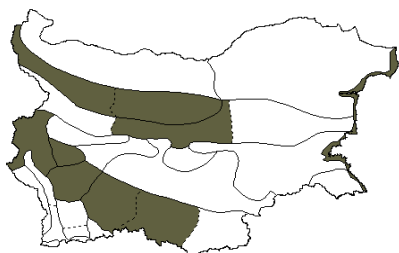
2000



800

Med

Rosa obtusifolia
Desv.



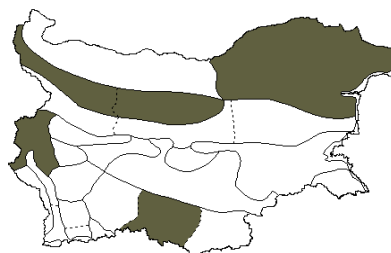
1200



0

Eur

Rosa pumila
Jacq.



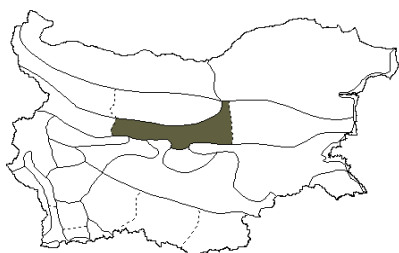
1600



100

subMed

Rosa oxyodon
Boiss.



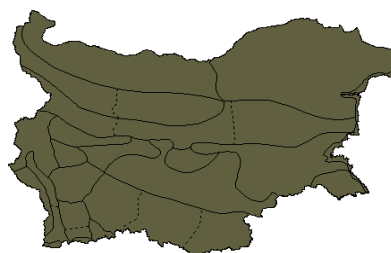
1600



1000

Med

Rosa tomentosa
Sm.



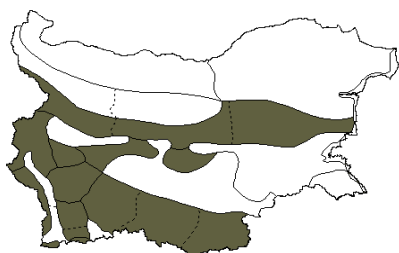
1200



100

subMed

Rosa pendulina
L.



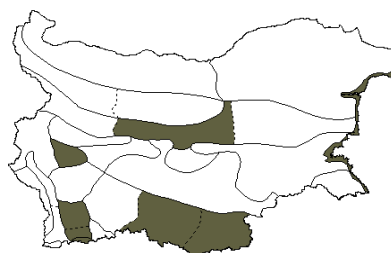
2500



1000

subMed

Rosa turcica
Rouy



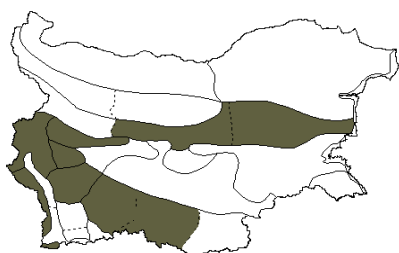
1600



0

Med

Rosa pimpinellifolia
L.



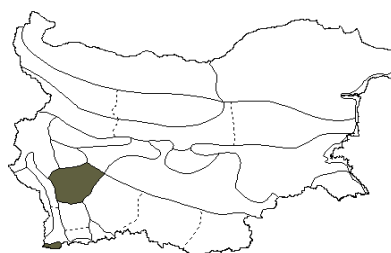
1500



1000

subMed

Rosa villosa
L.



1500



1000

subMed

Rosa vosagiaca
Desp.



2000
⇕
500

subMed

Rubus canescens
DC.



1800
⇕
0

Eur-Med

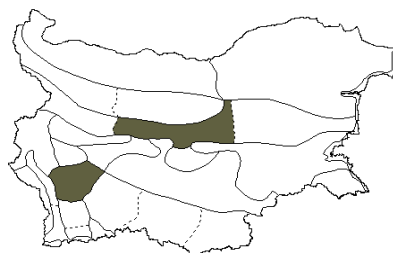
Rubia tinctorum
L.



1000
⇕
0

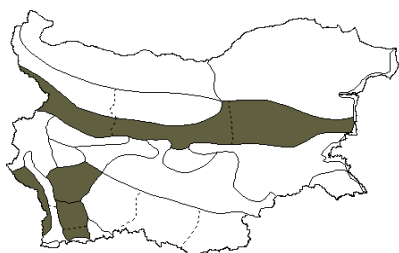
Med

Rubus cerasifolius
Sudre



1100
⇕
700

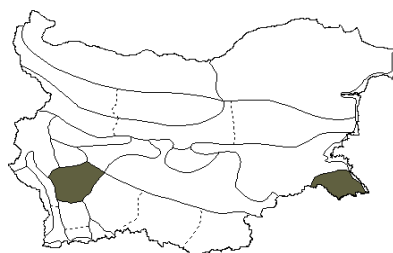
Rubus anoplocladus
Sudre



1500
⇕
600

Eur

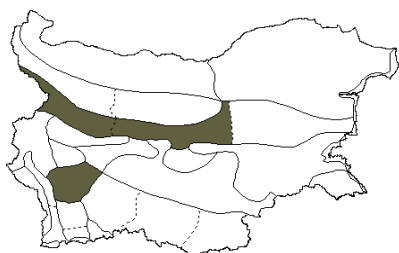
Rubus condensatus
P. J. Müll.



1800
⇕
200

Eur

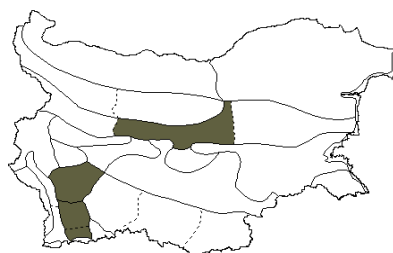
Rubus apiculatus
Weihe & Nees



1100
⇕
500

Eur

Rubus crassus
Holuby



1400
⇕
900

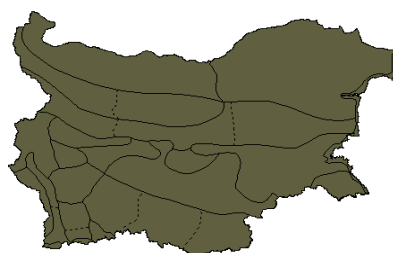
Rubus caesius
L.



1600
⇕
0

Eur-As

Rubus discolor
Weihe & Nees

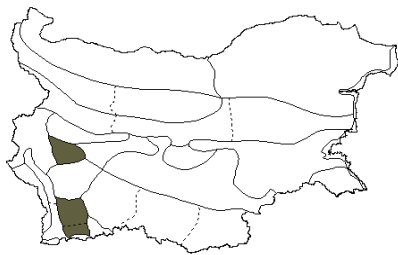


1400
⇕
0

subMed

Rubus euryanthemus

W. Watson



1500

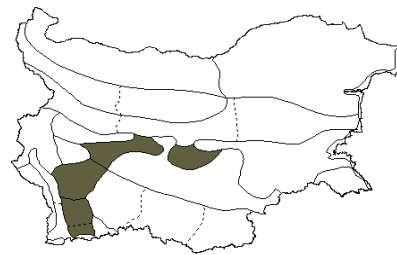


1400

Eur

Rubus guentheri

Weihe & Nees



1400

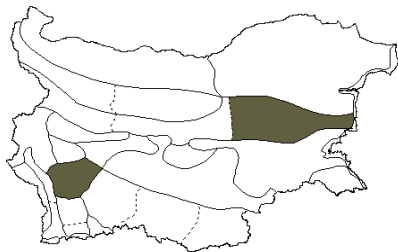


900

Eur

Rubus finitimus

Sudre



1000

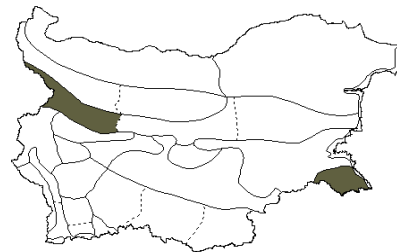


700

Eur

Rubus hebecaulis

Sudre



500

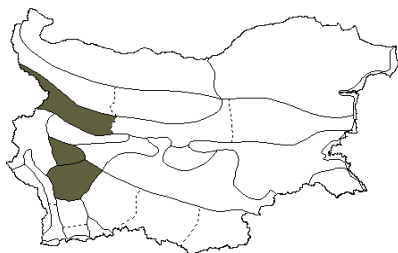


300

Eur

Rubus fragariiflorus

P. J. Müll.



1600

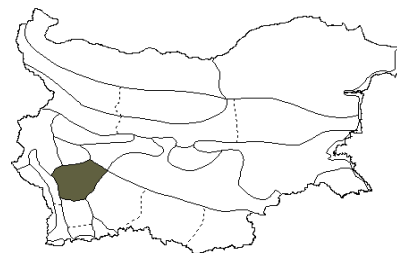


800

Eur

Rubus hercynicus

G. Braun ex Focke



1000

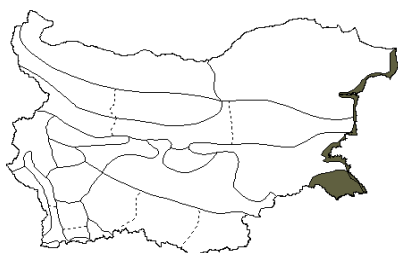


900

Eur

Rubus geniculatus

Kaltenb.



300

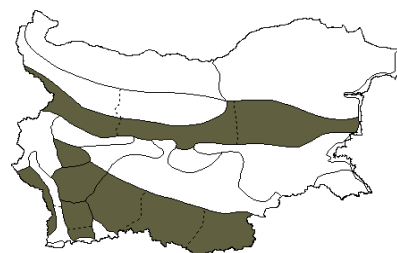


0

Eur

Rubus hirtus

Waldst. & Kit.



1400

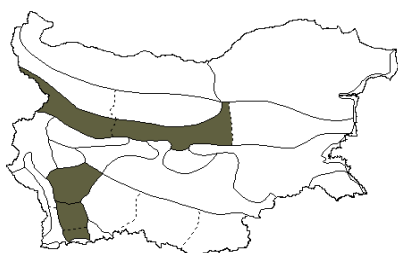


800

subMed

Rubus glandulosus

Bellardi



1400

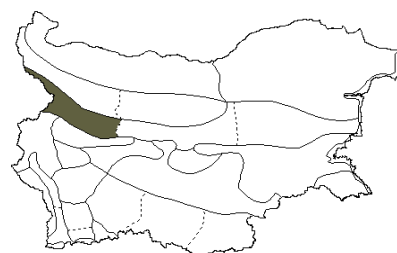


1000

subMed

Rubus humifusus

Weihe & Nees



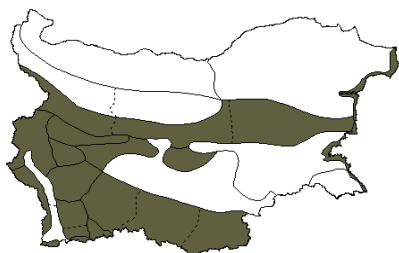
500



400

Eur

Rubus idaeus
L.



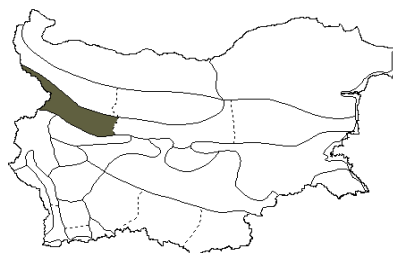
2200



100

subBoreal

Rubus macrostachys
P. J. Müll.



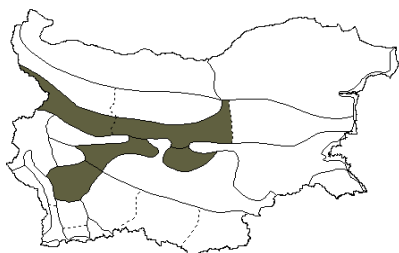
700



400

Eur

Rubus incultus
Wirtg. ex Focke



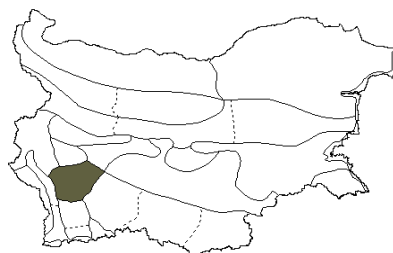
1500



400

Eur

Rubus melanoxylon
P. J. Müll. & Wirtg. ex Genev.



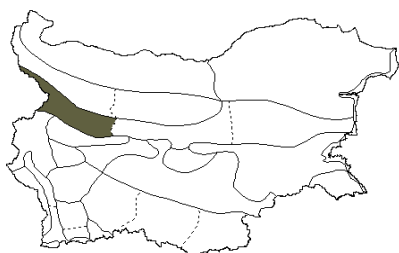
1800



1500

Eur

Rubus koehleri
Weihe & Nees



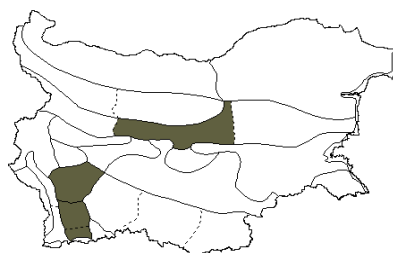
600



400

Eur

Rubus minutidentatus
Sudre



1400



800

Eur

Rubus lloydianus
Genev.



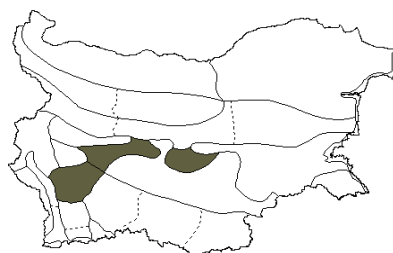
1600



0

Eur

Rubus minutiflorus
P. J. Müll.



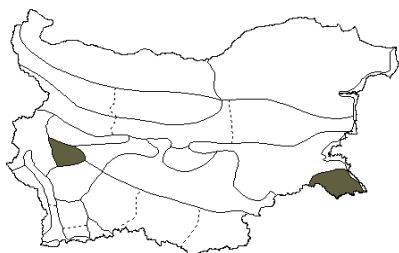
1400



800

Eur

Rubus macrophyllus
Weihe & Nees



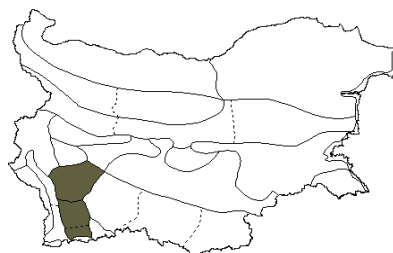
600



600

Eur

Rubus miostilus
Boulay



1200

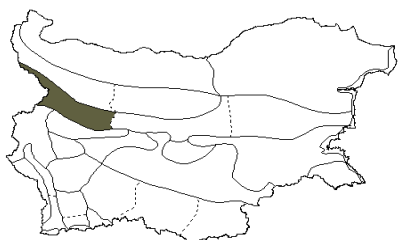


800

subMed

Rubus oblongoobovatus

Markova



1400

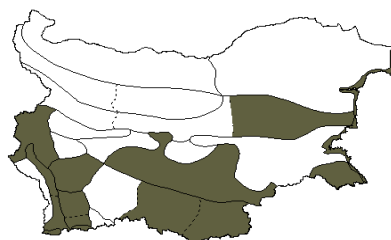


1400

Bul

Rubus sanguineus

Friv.



600

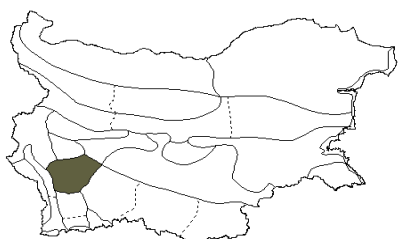


0

Pont-Med

Rubus pectinatus

Sudre & Grav.



1000

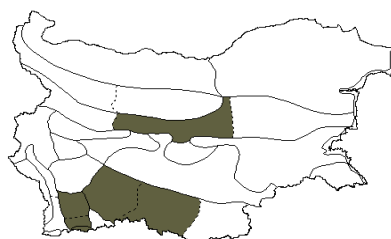


900

Eur

Rubus saxatilis

L.



1900

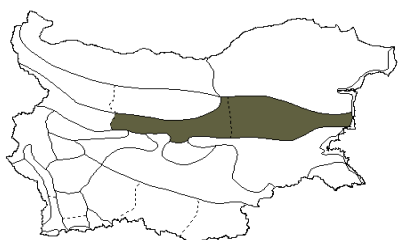


1000

Eur-As

Rubus posoniensis

Sabr.



1200

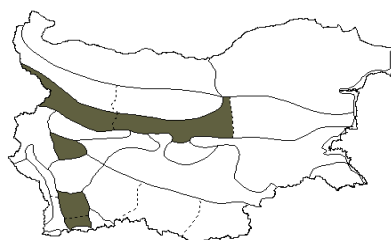


700

Eur

Rubus scaber

Weihe & Nees



1500

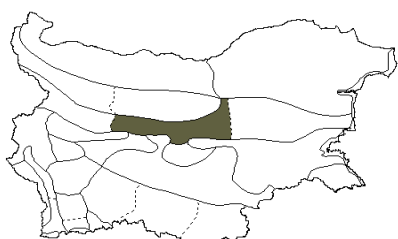


900

Eur

Rubus radula

Weihe ex Boenn.



1100

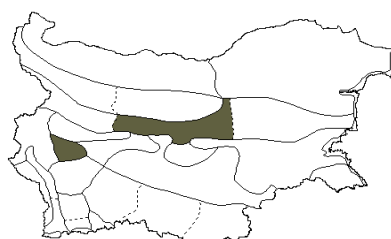


800

Eur

Rubus schleicheri

Weihe ex Tratt.



1400

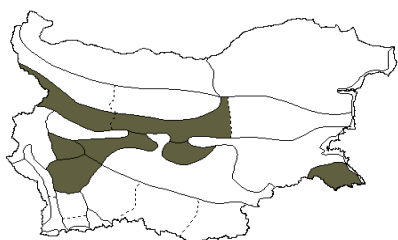


900

Eur

Rubus rivularis

Wirtg. & P. J. Müll.



1000

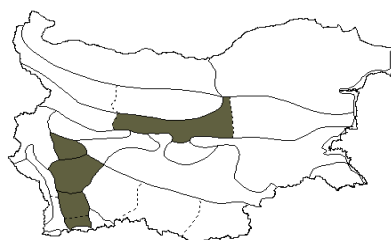


200

Eur

Rubus serpens

Weihe ex Lej. & Court.



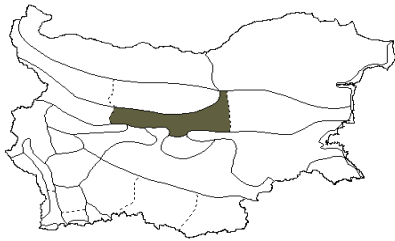
1400



800

Eur

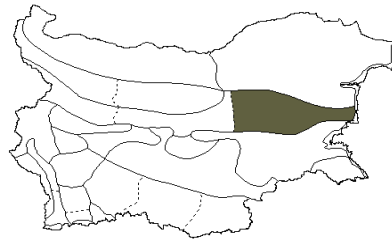
Rubus spinosulus
Sudre



1000
⇕
900

Eur

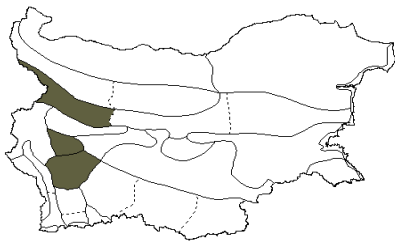
Rubus vepallidus
Sudre



1100
⇕
800

Eur

Rubus tereticaulis
P. J. Müll.



1400
⇕
800

Eur

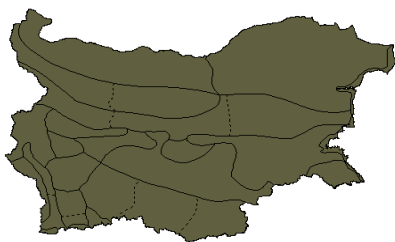
Rumex acetosa
L.



2300
⇕
0

Boreal

Rubus thyrsanthus
Focke



1200
⇕
200

Eur

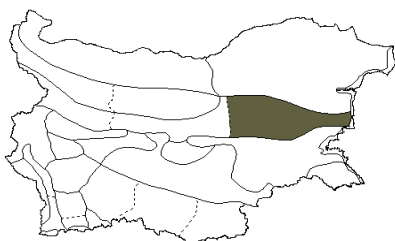
Rumex acetosella
L.



2500
⇕
0

Eur-subMed

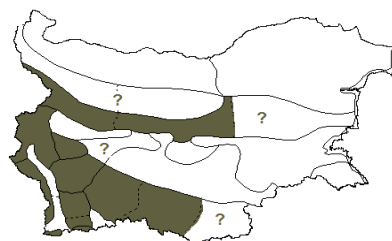
Rubus thyrsoflorus
Weihe & Nees



700
⇕
700

Eur

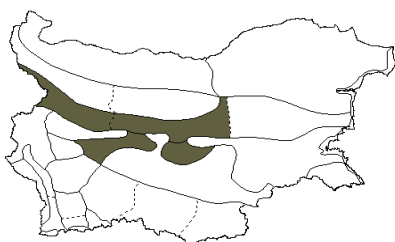
Rumex alpinus
L.



2900
⇕
650

Alp-Carp-Bal

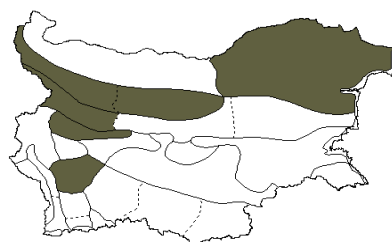
Rubus trachyadenes
Sudre



1400
⇕
800

Eur

Rumex aquaticus
L.

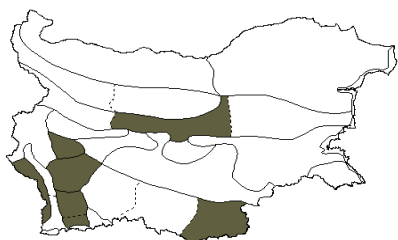


1800
⇕
0

Eur-As

Rumex arifolius

All.



2100
⇕
1500

subBoreal

Rumex dentatus

L.

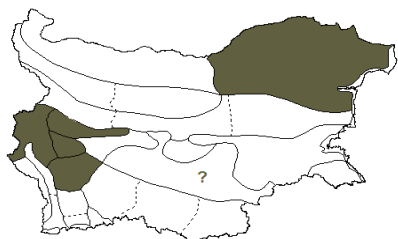


300
⇕
0

Med-CAs

Rumex confertus

Willd.

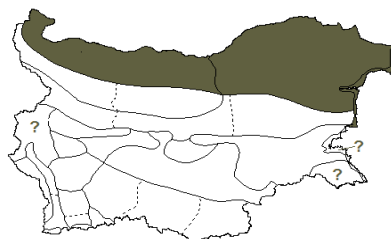


900
⇕
0

Eur-As

Rumex hydrolapathum

Huds.



100
⇕
0

Eur-Med

Rumex conglomeratus

Murr.

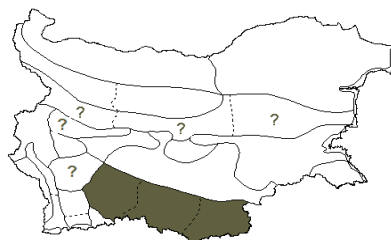


1500
⇕
0

Eur-As

Rumex kernerii

Borbás



1000
⇕
200

subMed

Rumex crispus

L.

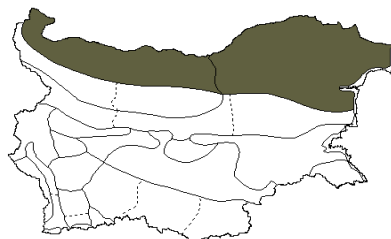


1400
⇕
0

Boreal

Rumex maritimus

L.

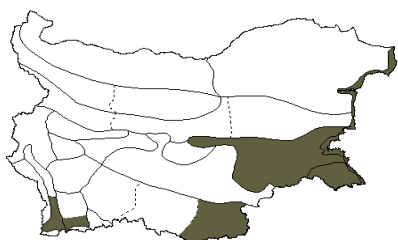


100
⇕
0

Eur-As

Rumex cristatus

DC.

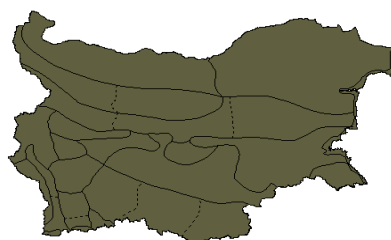


500
⇕
0

Eur

Rumex obtusifolius

L.



2000
⇕
0

Eur-Med

Rumex palustris

Sm.



800

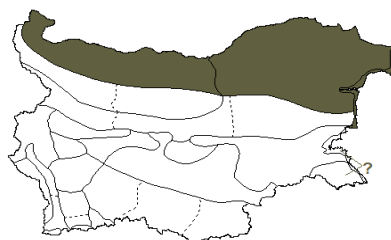


0

Eur-As

Rumex stenophyllus

Ledeb.



100



0

Eur-As

Rumex patientia

L.



1700

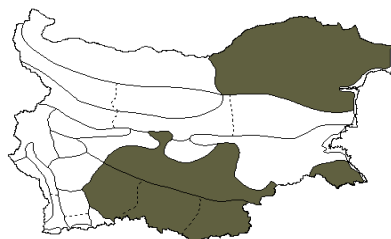


0

Eur-As

Rumex tenuifolius

(Wallr.) A. Löve



1000



0

Eur

Rumex pulcher

L.



1100

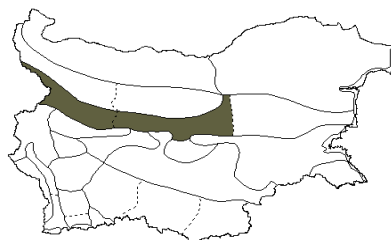


0

Eur-As

Rumex thyrsiflorus

Fingerh.



1000



0

Eur-As

Rumex sanguineus

L.



1200

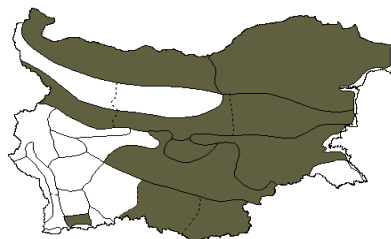


0

Eur-Med

Rumex tuberosus

L.



1500

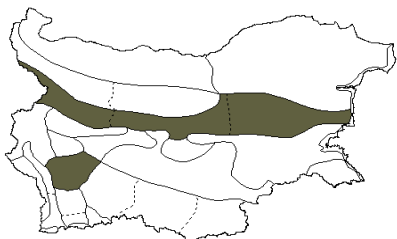


0

Boreal

Rumex scutatus

L.



2700

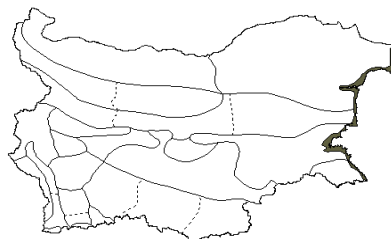


1800

subMed

Ruppia cirrhosa

(Petagna) Grande



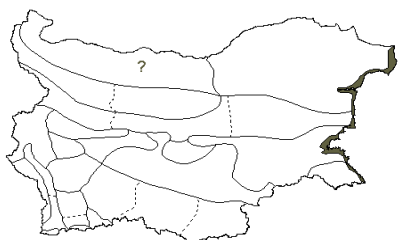
0



0

Kos

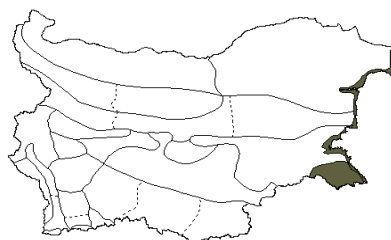
Ruppia maritima
L.



0
⇕
0

Kos

Sagina maritima
Don



0
⇕
0

Eur-Med

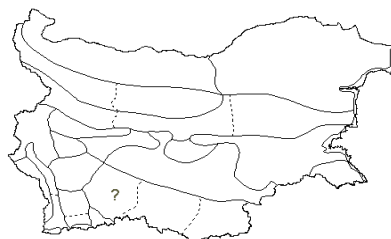
Ruscus aculeatus
L.



1000
⇕
0

SPont

Sagina nodosa
(L.) Fenzl



⇕

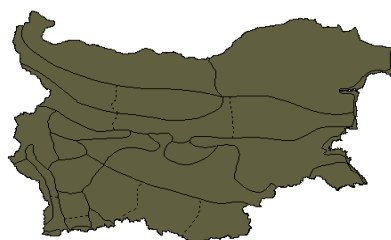
Ruscus hypoglossum
L.



1000
⇕
0

Pont

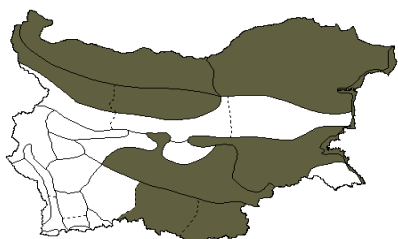
Sagina procumbens
L.



2100
⇕
0

Boreal

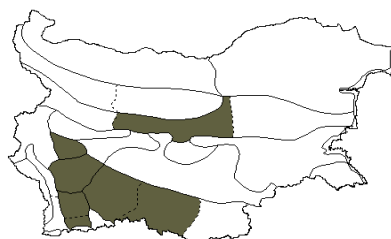
Ruta graveolens
L.



400
⇕
0

!
Pont-Med

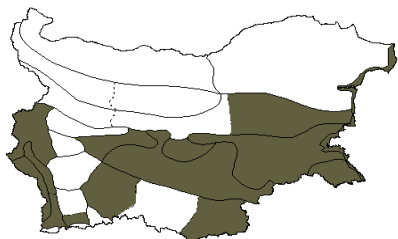
Sagina saginoides
(L.) Karst.



2900
⇕
1500

Boreal

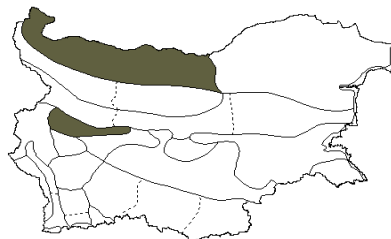
Sagina apetala
Ard.



600
⇕
0

subMed

Sagittaria latifolia
Willd.

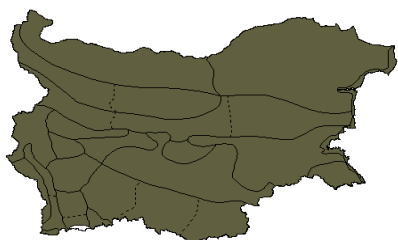


0
⇕
0

Adv

Sagittaria sagitifolia

L.



800

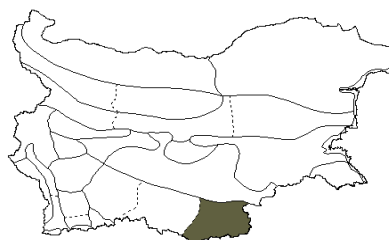


0

Eur-As

Salix ardana

J. Zieliński & A. Petrova



1000

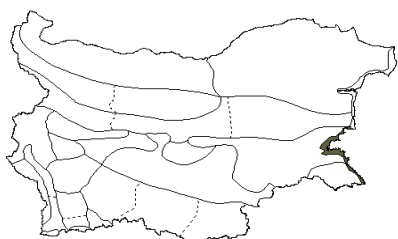


0

Hybr

Salicornia europaea

L.



0

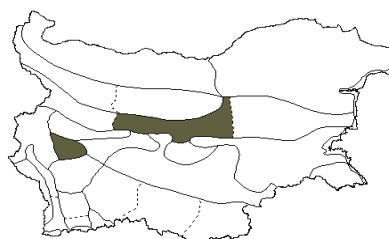


0

Eur-As

Salix aurita

L.



1600

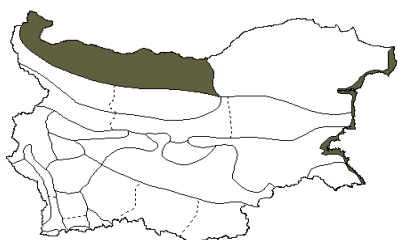


1200

Eur

Salicornia ramosissima

Woods



200

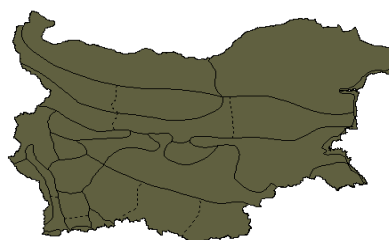


0

Eur

Salix caprea

L.



2500



0

subBoreal

Salix alba

L.



1000

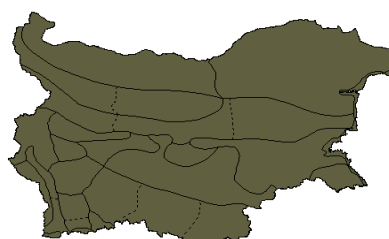


0

Eur-As

Salix cinerea

L.



1600

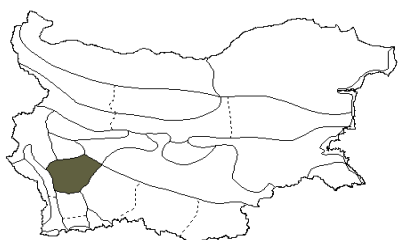


0

Eur-As

Salix appendiculata

Vill.



2700

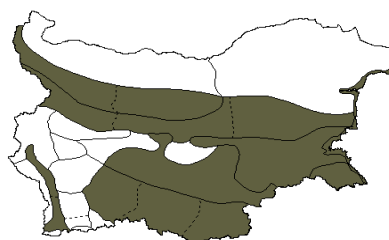


2500

Alp-Bal

Salix eleagnos

Scop.



1000



0

subMed

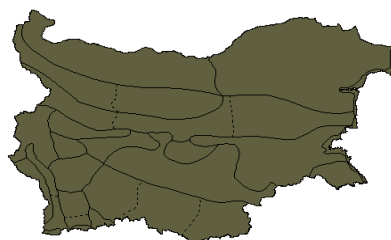
Salix fragilis
L.



1700
⇕
0

Eur-As

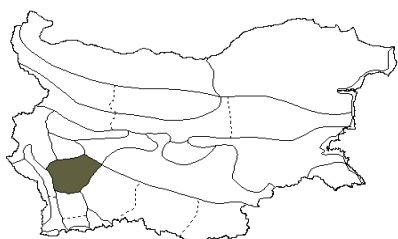
Salix purpurea
L.



1600
⇕
0

Eur-Med-CAs

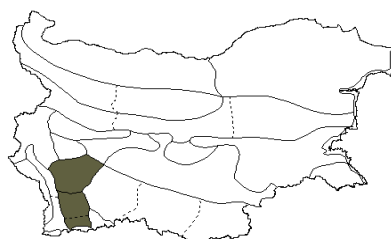
Salix hastata
L.



2500
⇕
2500

Eur-As

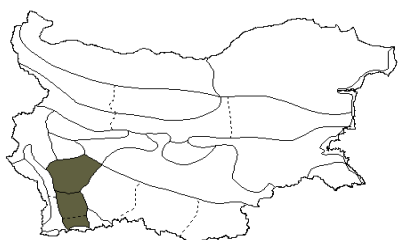
Salix reticulata
L.



2900
⇕
2500

Arct-Alp

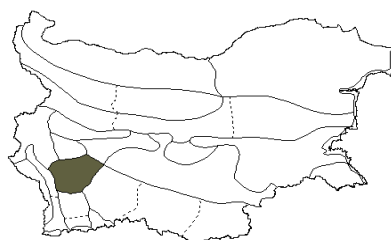
Salix herbacea
L.



2900
⇕
2400

Boreal

Salix retusa
L.

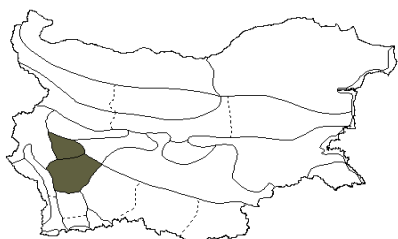


2900
⇕
2500

!

Alp

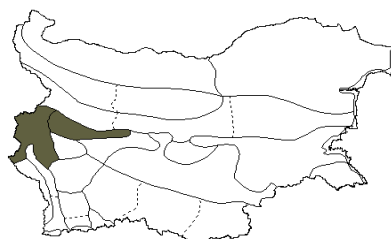
Salix lapponum
L.



2600
⇕
1500

Eur-Sib

Salix rosmarinifolia
L.

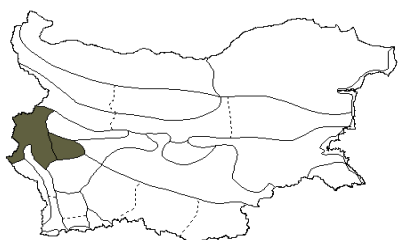


650
⇕
650

!

Eur-As

Salix pentandra
L.

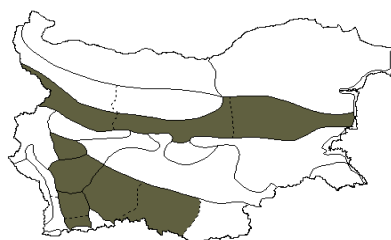


1700
⇕
1700

!

Eur-Sib

Salix silesiaca
Willd.



2500
⇕
1200

Carp-Bal

Salix triandra

L.



1600

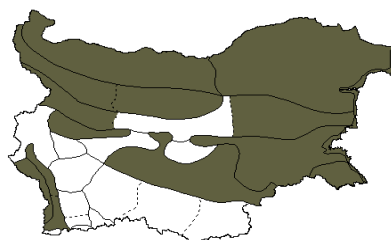


0

subBoreal

Salsola ruthenica

Илjin



600

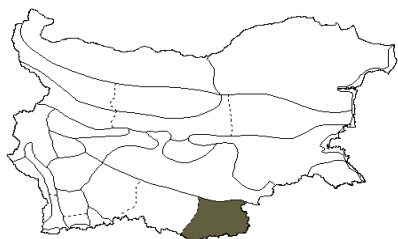


0

Pont-CAs

Salix velchevii

J. Zieliński & Z. Pancheva



1000

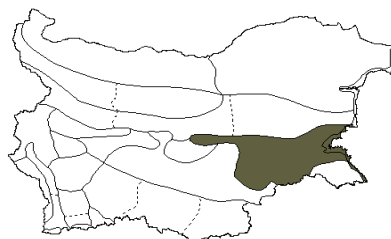


0

Hybr

Salsola soda

L.



200

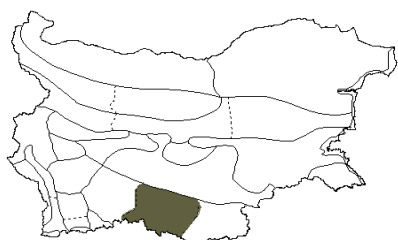


0

Eur-As

Salix viminalis

L.



1000

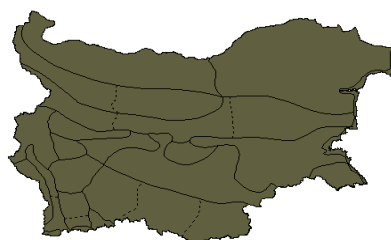


0

Eur-As

Salvia aethiopsis

L.



1000

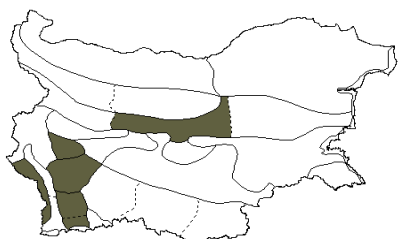


0

Eur-As

Salix waldsteiniana

Willd.



2500



1500

Alp-Carp-Bal

Salvia amplexicaulis

Lam.



2000

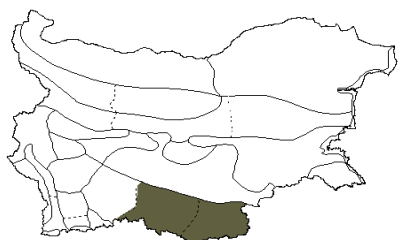


0

Bal-Dac

Salix xanticola

Christensen



500



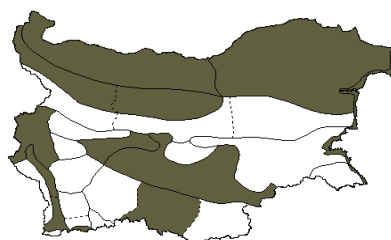
0



Bal

Salvia argentea

L.



1000

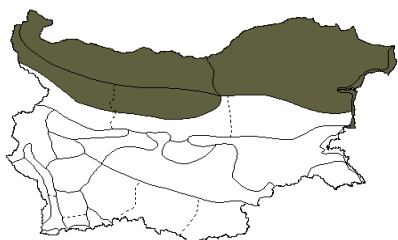


0

Med

Salvia austriaca

Jacq.



500

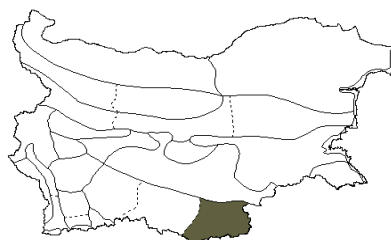


0

Eur

Salvia officinalis

L.



300

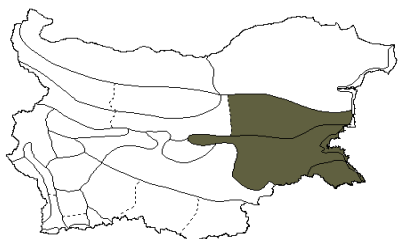


0

Adv

Salvia forskahlei

L.



800



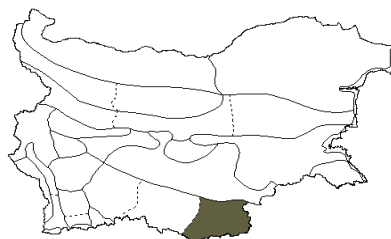
100



SEux

Salvia pinnata

L.



160



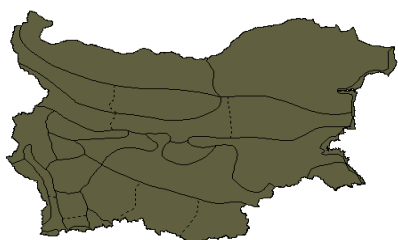
160



Med

Salvia glutinosa

L.



2500

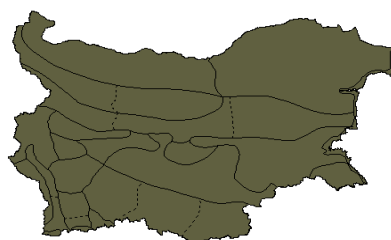


300

Eur-As

Salvia pratensis

L.



1000



0

Eur-Med

Salvia nemorosa

L.



2000

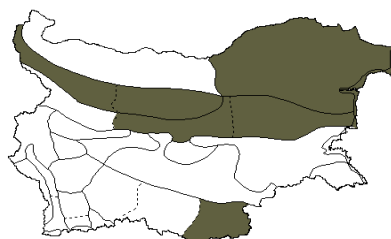


0

Eur-OT

Salvia ringens

Sm.



1000

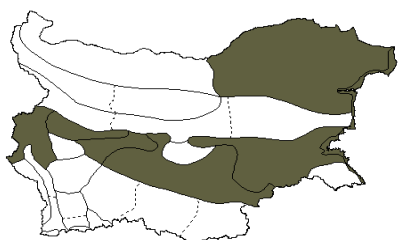


0

Bal

Salvia nutans

L.



1000

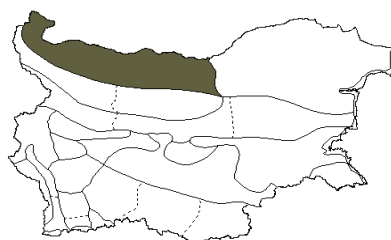


0

Eur-Sib

Salvia scabiosifolia

Lam.



200



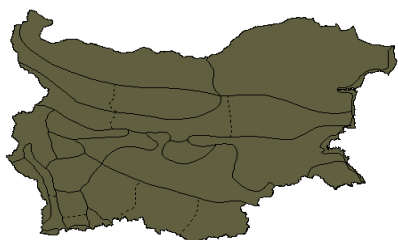
200



Pont

Salvia sclarea

L.



1000

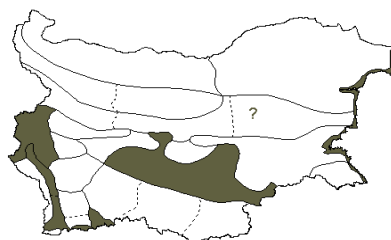


0

Med-As

Salvia viridis

L.



1000

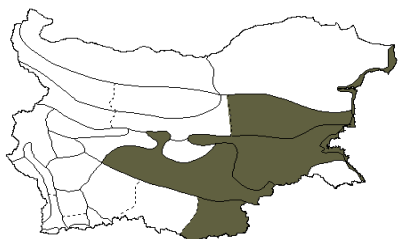


0

Pont-Med

Salvia tomentosa

Mill.



1000

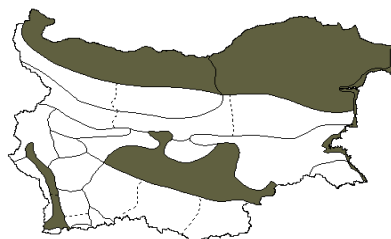


0

subMed

Salvinia natans

(L.) All.



500



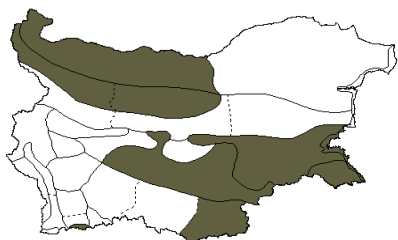
0



Boreal

Salvia verbenaca

L.



1000

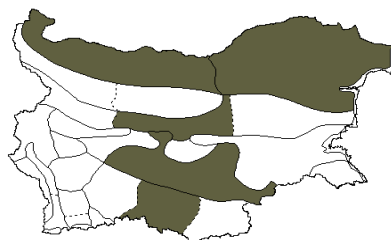


200

subMed

Sambucus deborensis

(Košanin) Košanin



1500



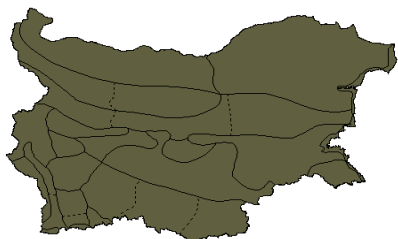
50



Bal

Salvia verticillata

L.



1400

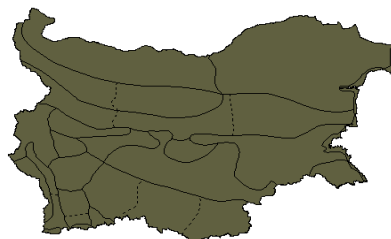


0

subMed

Sambucus ebulus

L.



1700



0

Eur-Med

Salvia virgata

Jacq.



1000

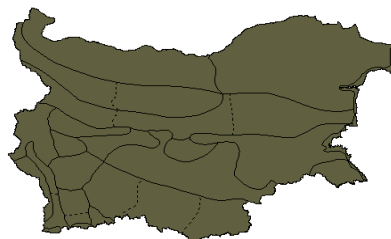


0

Med-CAs

Sambucus nigra

L.



1700

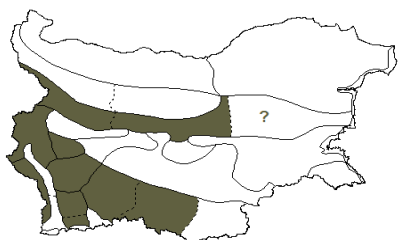


0

Eur-Med

Sambucus racemosa

L.



1900

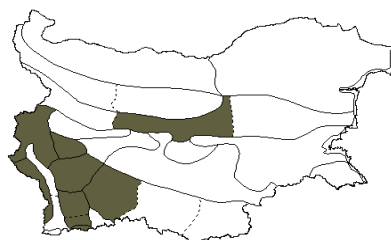


0

Boreal

Saponaria bellidifolia

Sm.



2900

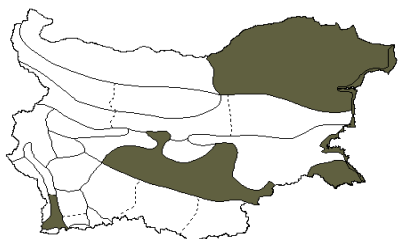


1000

Med

Samolus valerandii

L.



200



0

Kos

Saponaria glutinosa

M. Bieb.



1000



0

subMed

Sanguisorba minor

Scop.



1200

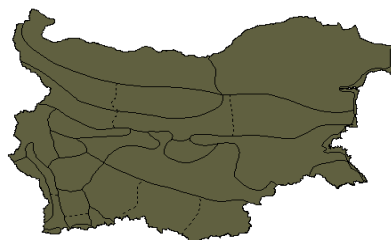


0

subBoreal

Saponaria officinalis

L.



1000

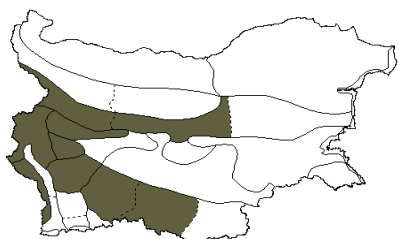


0

Eur-Sib

Sanguisorba officinalis

L.



2200

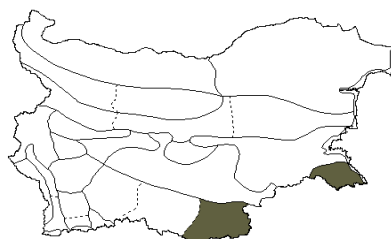


800

subBoreal

Saponaria stranjensis

Jordanov



800



0



Bal

Sanicula europaea

L.



1900

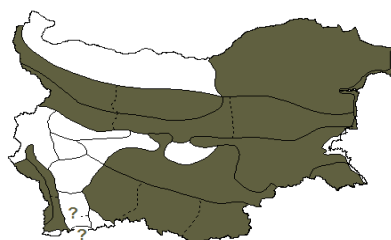


0

Eur-Sib

Satureja coerulea

Janka

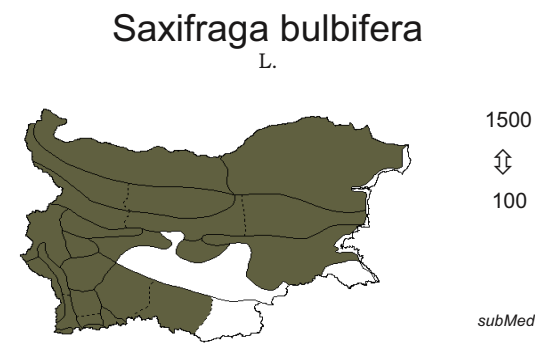
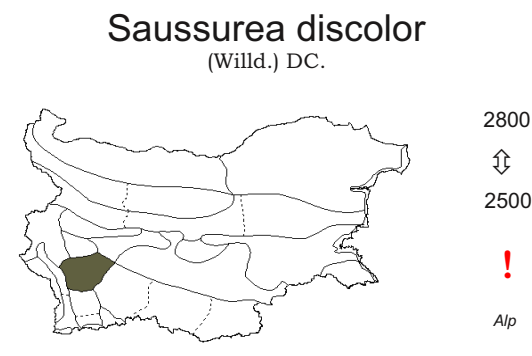
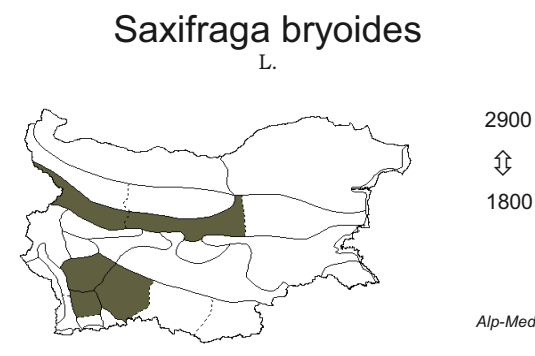
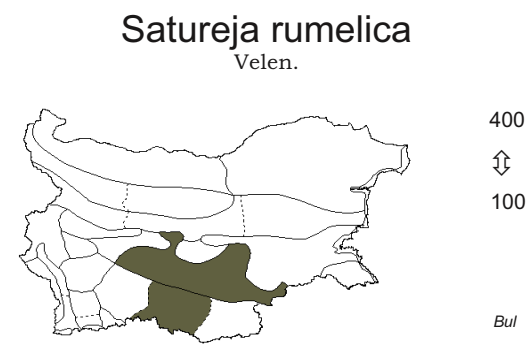
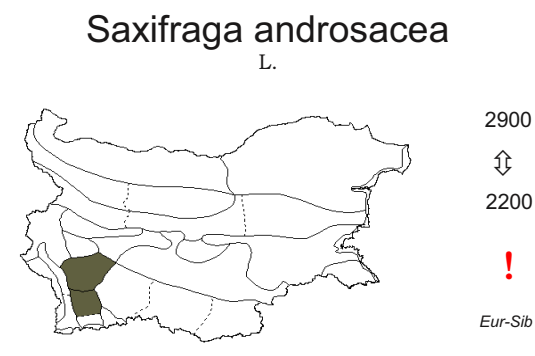
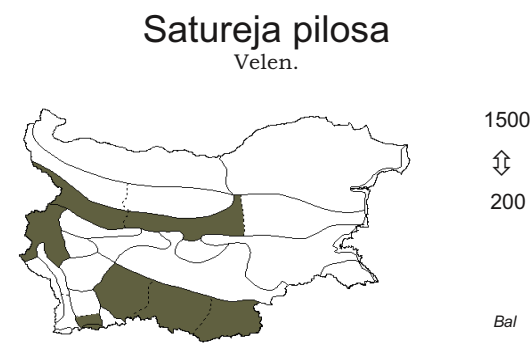
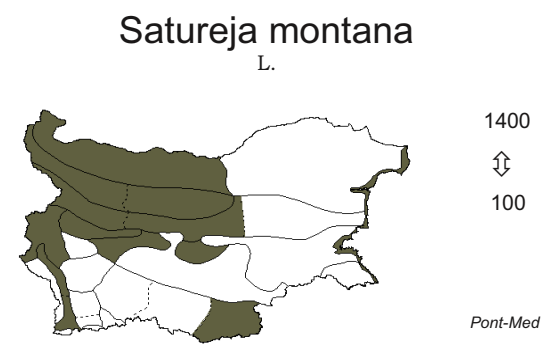
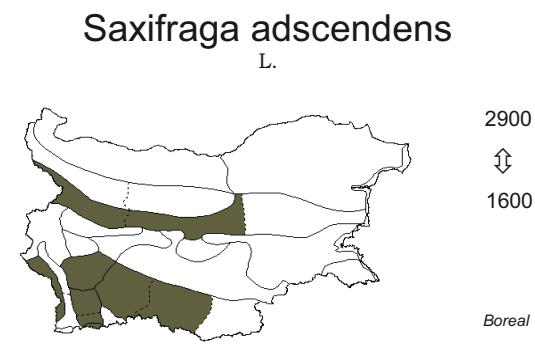
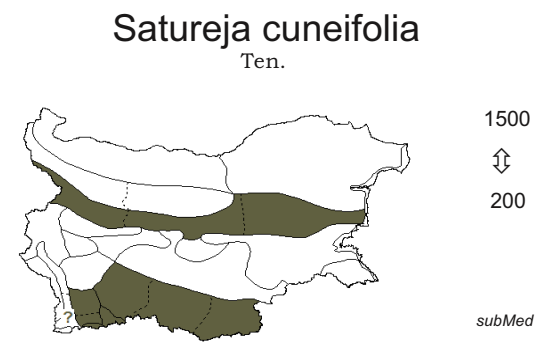


1000



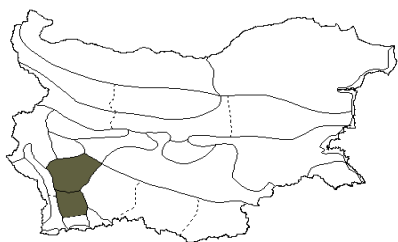
100

subMed



Saxifraga carpatica

Rchb.



2700

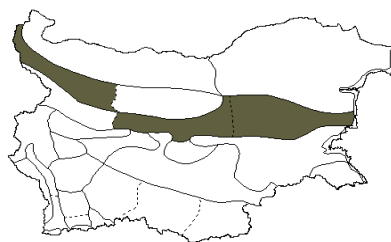


2350

Carp-Bal

Saxifraga marginata

Sternb.



2000



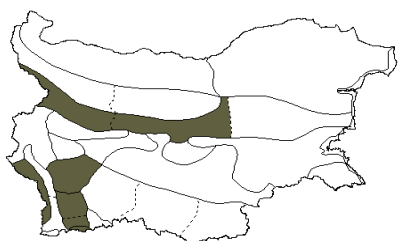
900



Alp-Carp-Bal

Saxifraga exarata

Vill.



2900

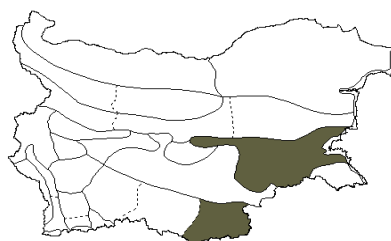


2000

Eur-Anat

Saxifraga mollis

Sm.



500



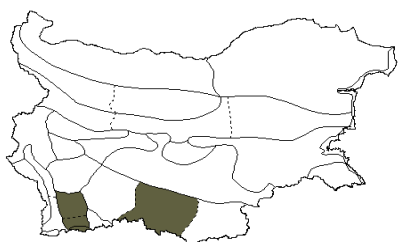
0



Bal-Anat

Saxifraga ferdinandi-coburgi

Kellerer & Sünd.



2900

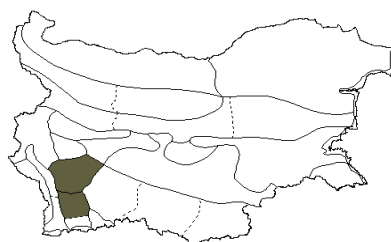


900

Bal

Saxifraga oppositifolia

L.



2900

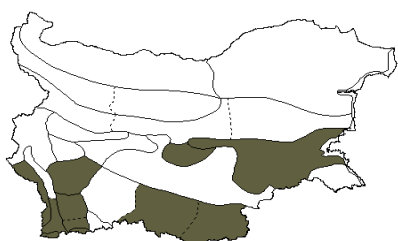


2300

Arct-Alp

Saxifraga graeca

Boiss.



1900

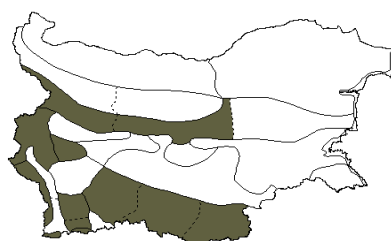


100

Ap-Bal

Saxifraga paniculata

Mill.



2500

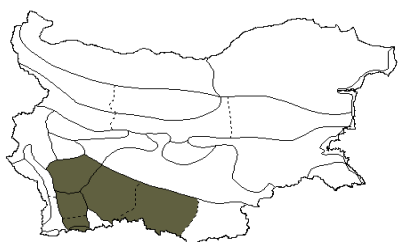


800

Eur-Am

Saxifraga luteo-viridis

Schott & Kotschy



2900

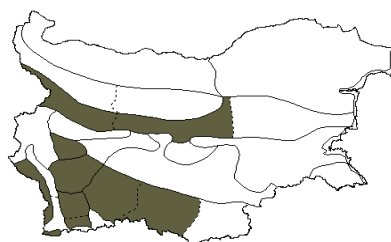


900

Carp-Bal

Saxifraga pedemontana

All.



2900

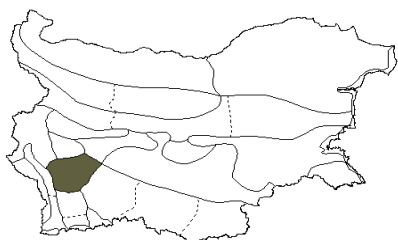


2000

Alp-Ap-Carp-Bal

Saxifraga retusa

Gouan



2900



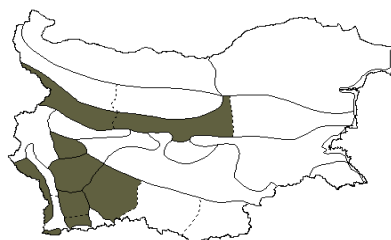
2500



Alp-*Ap-Carp-Bal*

Saxifraga stellaris

L.



2500



1800

Boreal

Saxifraga rotundifolia

L.



1900

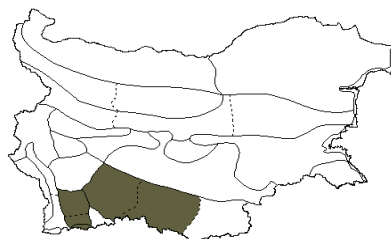


0

subMed

Saxifraga stribrnyi

(Velen.) Podp.



2200

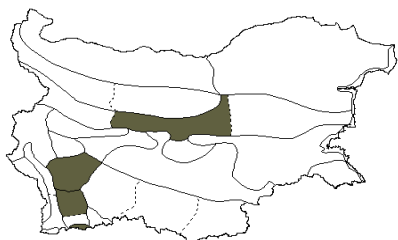


500

Bal

Saxifraga sancta

Griseb.



2900



2000

Bal-Anat

Saxifraga tridactylites

L.



1200

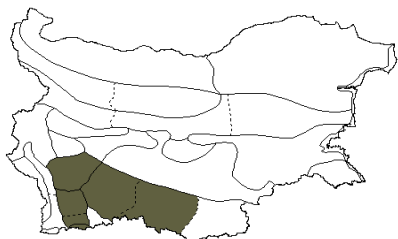


0

subBoreal

Saxifraga sempervivum

C. Koch



1800

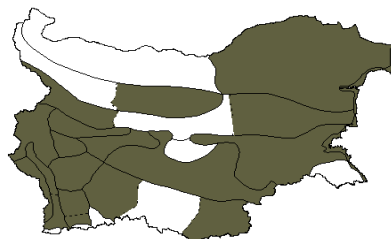


400

Bal-Anat

Scabiosa argentea

L.



1000

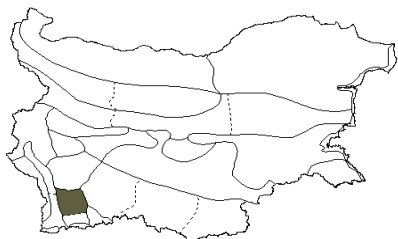


0

Bal-Anat

Saxifraga spruneri

Boiss.



2900

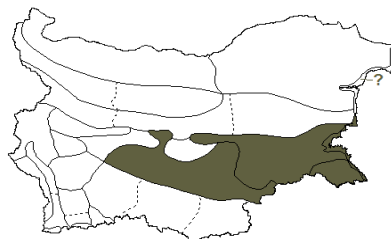


1900

Bal

Scabiosa atropurpurea

L.



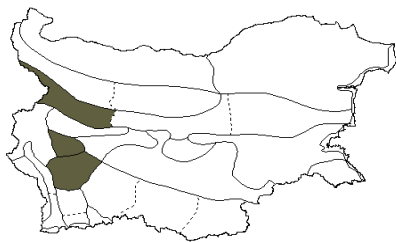
1000



0

Med

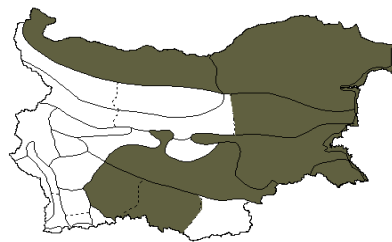
Scabiosa balcanica
Velen.



2900
⇕
2000

Bal

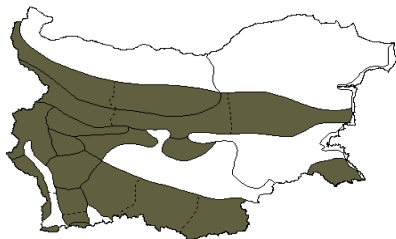
Scabiosa micrantha
Desf.



1000
⇕
0

Pont-Med

Scabiosa columbaria
L.



2900
⇕
1000

Eur-Med

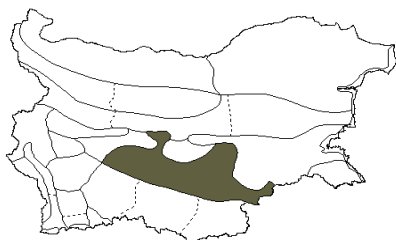
Scabiosa ochroleuca
L.



2900
⇕
1000

Eur-Sib

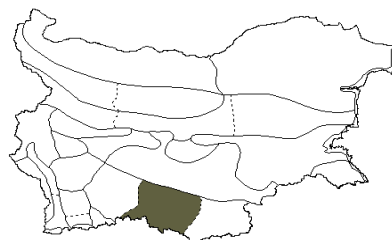
Scabiosa cosmoides
Boiss.



1000
⇕
0

Bal-Anat

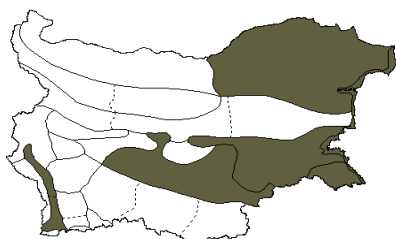
Scabiosa rhodopensis
Stoj. & Stef.



1500
⇕
500

Bal

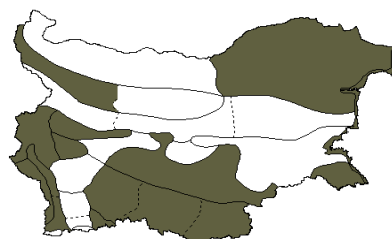
Scabiosa hispidula
Boiss.



1000
⇕
0

Med

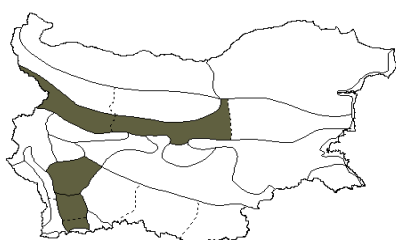
Scabiosa rotata
M. Bieb.



1000
⇕
0

Med

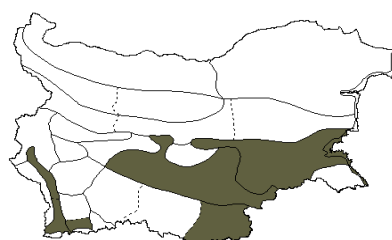
Scabiosa lucida
Vill.



2900
⇕
2000

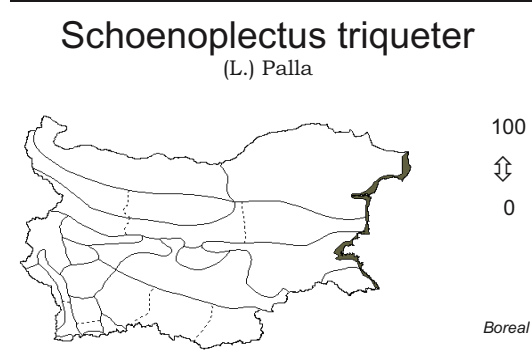
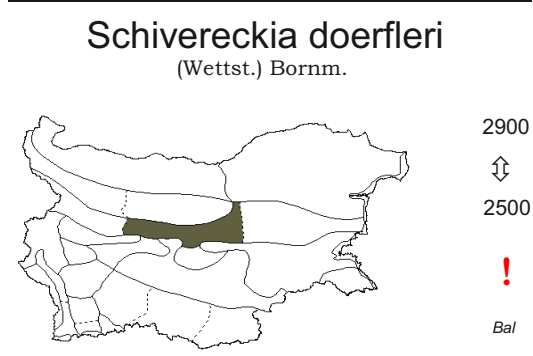
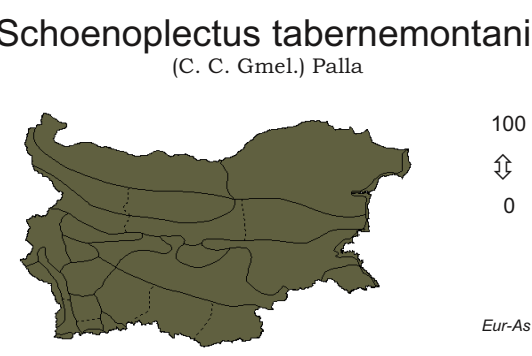
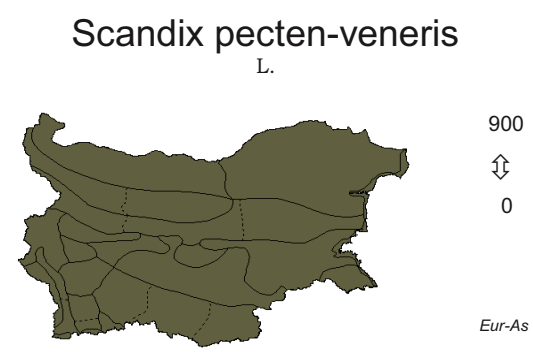
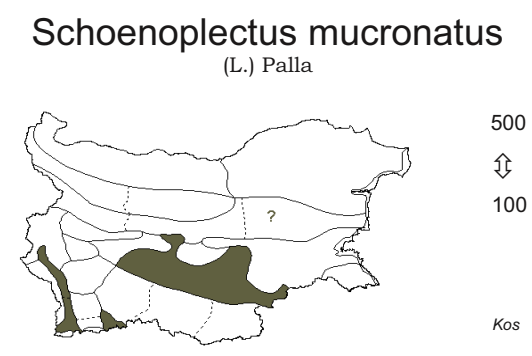
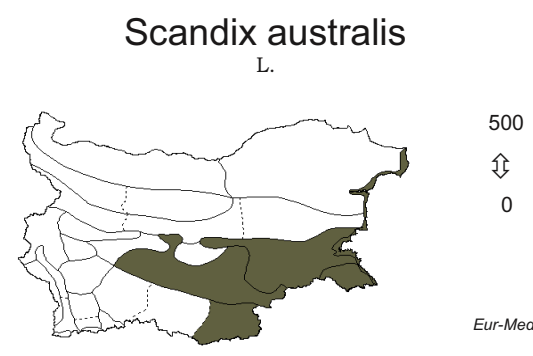
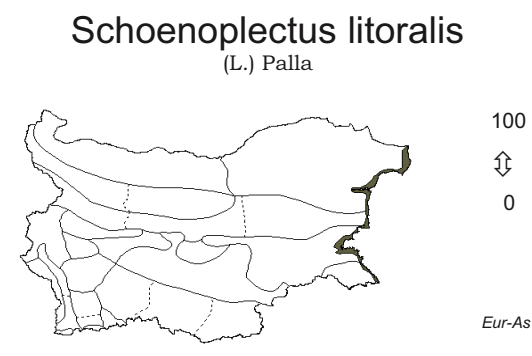
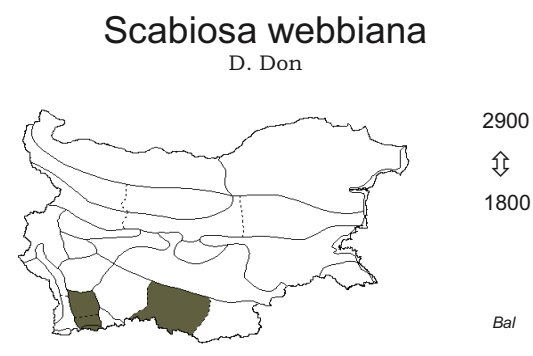
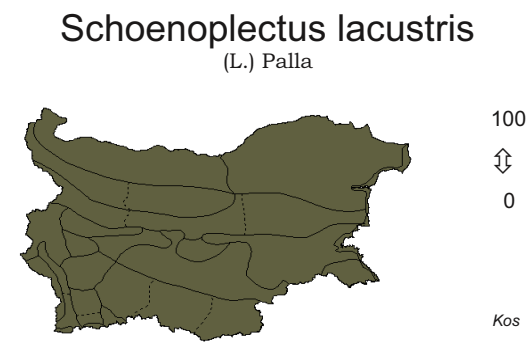
Alp-Carp

Scabiosa sicula
L.

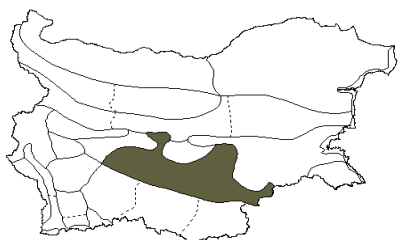


1000
⇕
0

Med



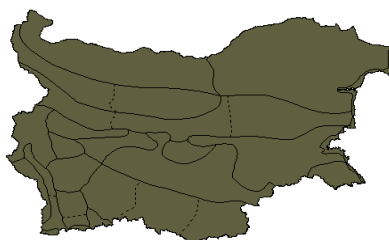
Schoenus ferrugineus
L.



150
⇕
0

Eur

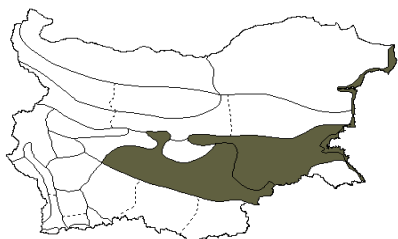
Scirpus sylvaticus
L.



1500
⇕
0

subBoreal

Schoenus nigricans
L.



200
⇕
0

Eur-CAs

Scleranthus annuus
L.



1600
⇕
0

Eur-Sib

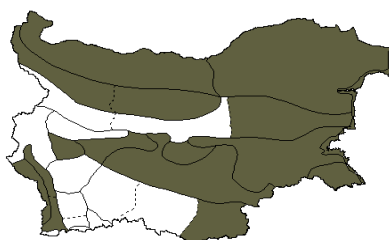
Scilla autumnalis
L.



1000
⇕
0

Pont-subMed

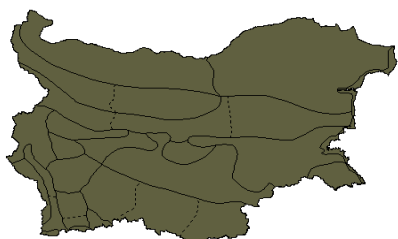
Scleranthus collinus
Hornung ex Opiz



300
⇕
0

subMed

Scilla bifolia
L.



2000
⇕
1000

Pont-subMed

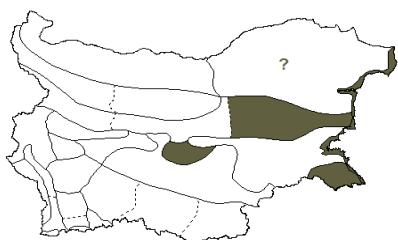
Scleranthus dichotomus
Schur



1500
⇕
0

subMed

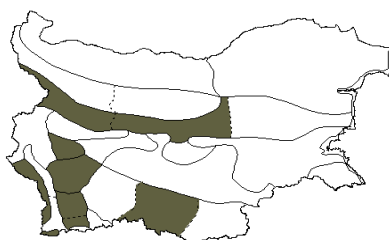
Scilla bithynica
Boiss.



1000
⇕
0

!
Pont

Scleranthus neglectus
Rochel ex Baumg.

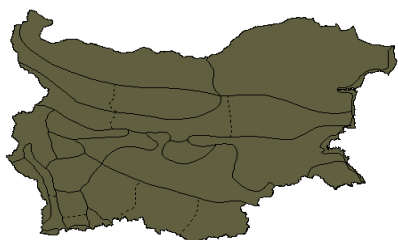


2900
⇕
1000

subMed

Scleranthus perennis

L.



1500

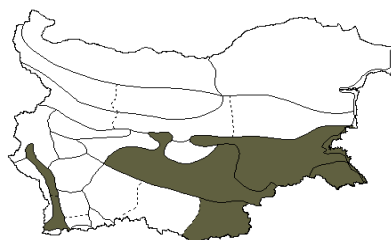


0

Eur-Med

Scolymus maculatus

L.



500

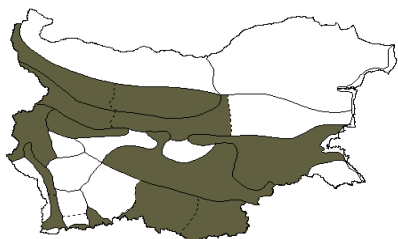


0

Med

Scleranthus polycarpus

L.



1000

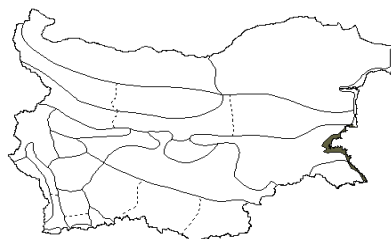


0

subMed

Scorpiurus subvillosus

L.



0

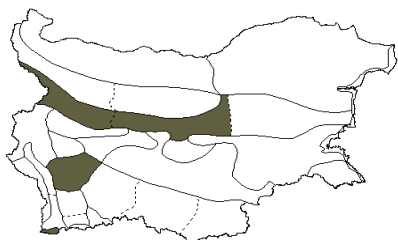


0

Pont-Med

Scleranthus uncinatus

Schur



2700

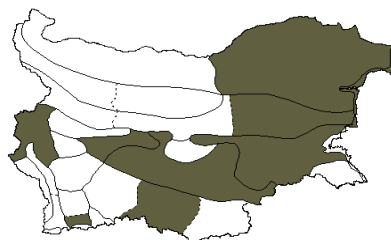


1000

subMed

Scorzonera austriaca

Willd.



1600

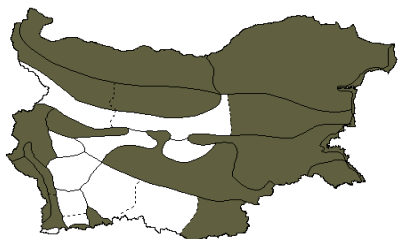


0

Eur-Sib

Sclerochloa dura

(L.) P. Beauv.



800

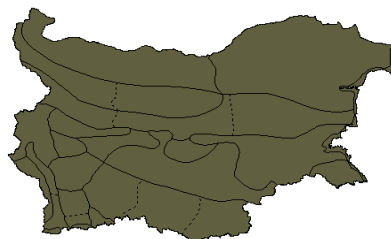


0

Eur-As

Scorzonera cana

(C. A. Mey.) Hoffm.



1000

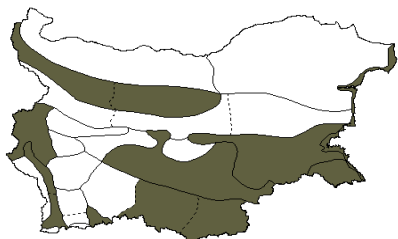


0

Med

Scolymus hispanicus

L.



1000



0

Med

Scorzonera hispanica

L.



1900



0

Med

Scorzonera laciniata

L.



1000

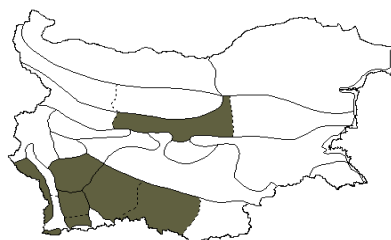


0

Med

Scrophularia aestivalis

Griseb.



2500

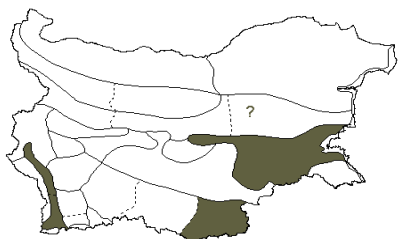


1000

Bal

Scorzonera lanata

(L.) Hoffm.



1000

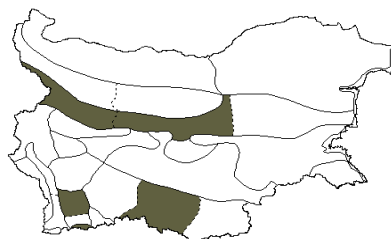


0

Med

Scrophularia bulgarica

(Stoj.) Peev



2500

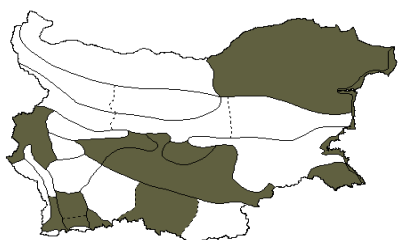


1000

Bul

Scorzonera mollis

M. Bieb.



1000

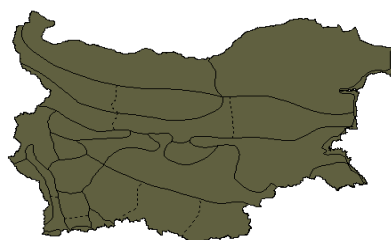


0

Med

Scrophularia canina

L.



1000

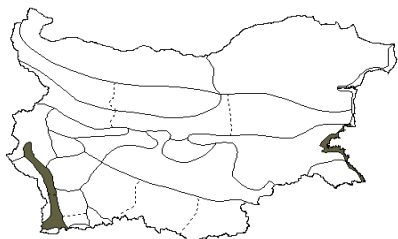


0

Eur-Med

Scorzonera parviflora

Jacq.



300



0



Med

Scrophularia nodosa

L.



1500

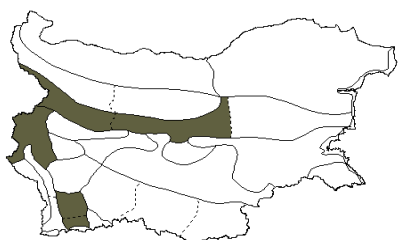


0

subBoreal

Scorzonera purpurea

L.



2800

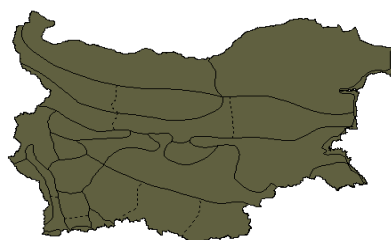


2000

subMed

Scrophularia scopolii

Hoppe ex Pers.

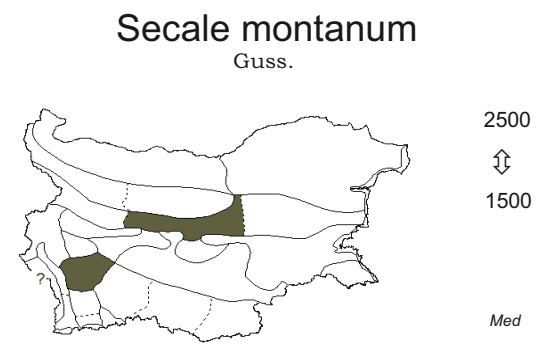
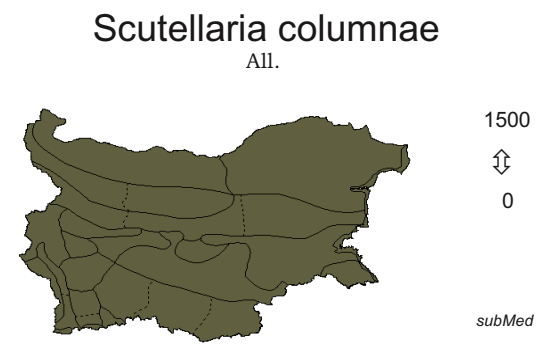
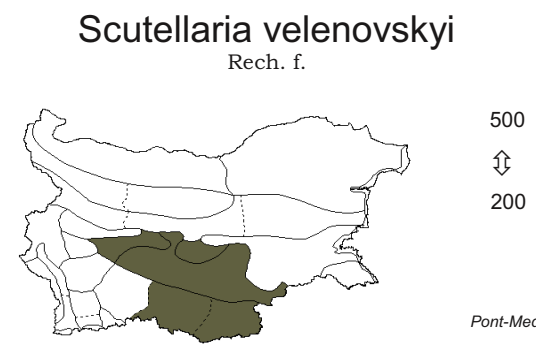
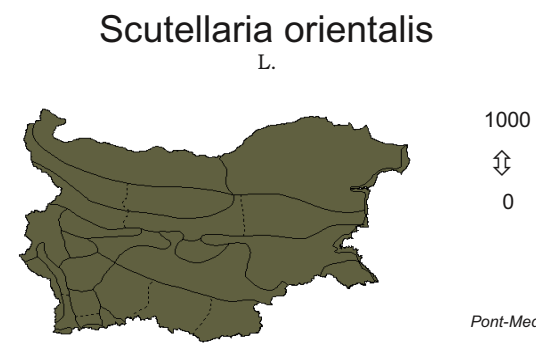
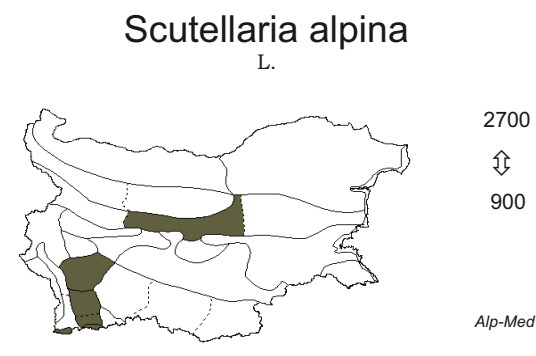
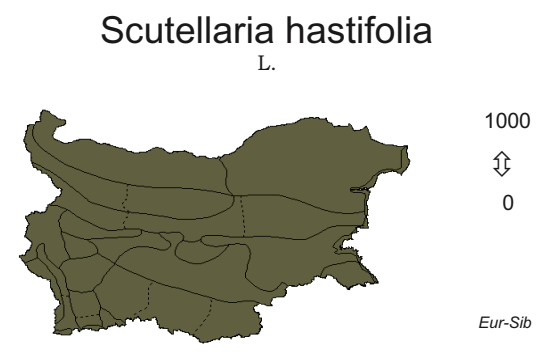
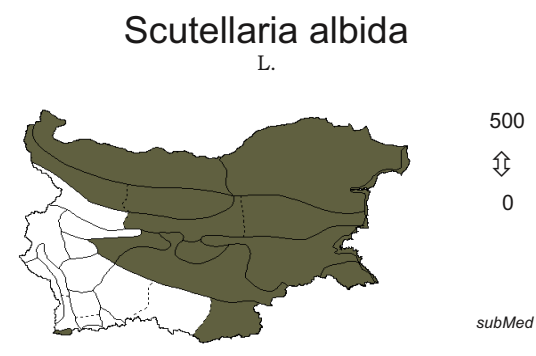
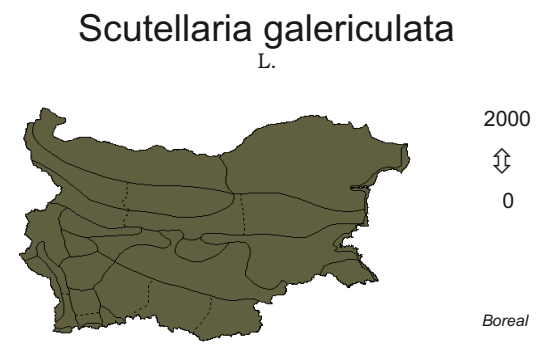
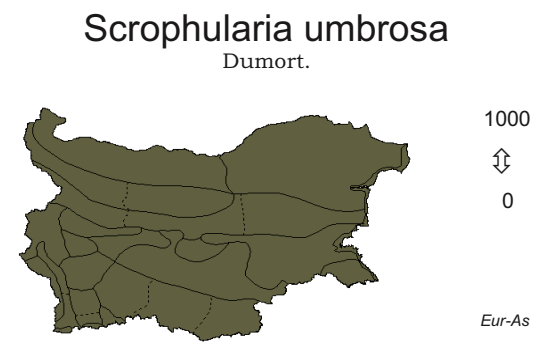


1800



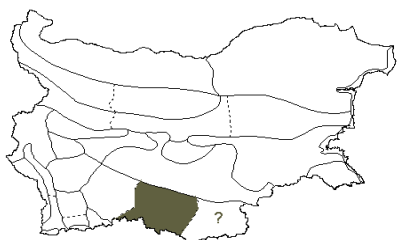
0

Eur-Med



Secale rhodopaeum

Delip.



1500

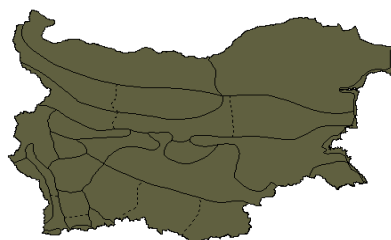


900

Bul

Sedum album

L.



2500

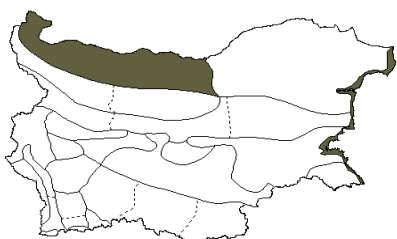


0

subMed

Secale sylvestre

Host



100

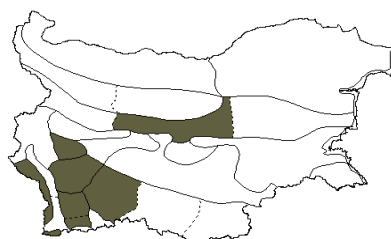


0

Eur-As

Sedum alpestre

Vill.



2500

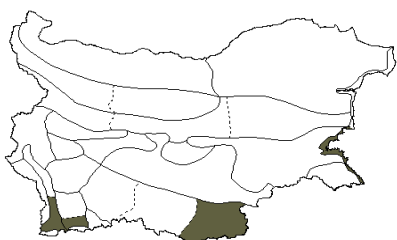


1250

subMed

Securigera securidaca

(L.) Degen & Dörf.



100

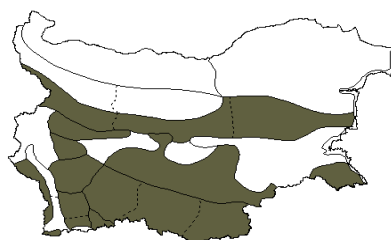


0

Med

Sedum annuum

L.



2200



0

Eur-Sib

Sedum acre

L.



2000

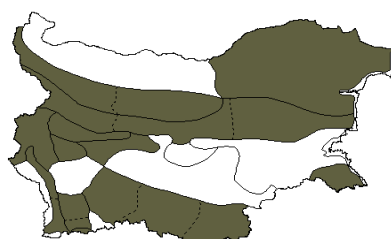


0

Eur-Med

Sedum anopetalum

DC.



1800

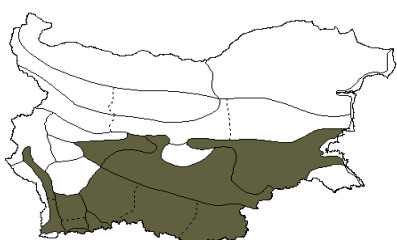


0

subMed

Sedum aetnense

Tineo



400

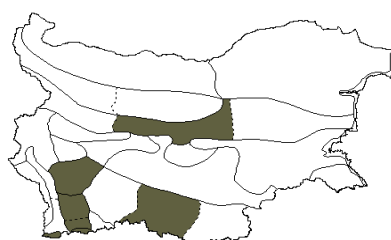


0

Pont-Med

Sedum atratum

L.



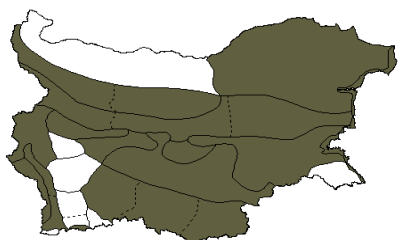
2900



1700

Alp-Carp-Bal

Sedum caespitosum
(Cav.) DC.



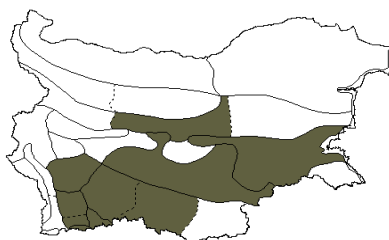
800



0

Med

Sedum kostovii
Stef.



2000

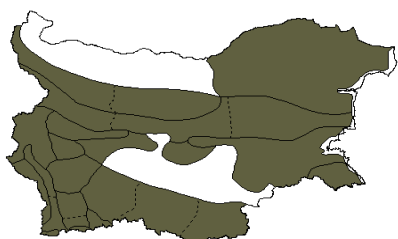


0



Bul

Sedum cepaea
L.



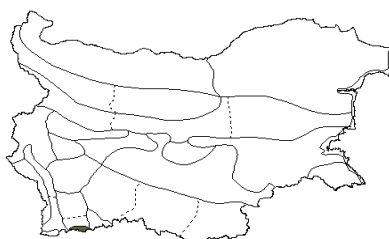
2000



800

subMed

Sedum magellense
Ten.



2000

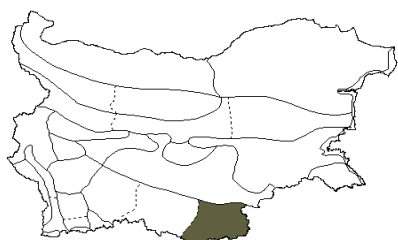


1500



Med

Sedum confertiflorum
Boiss.



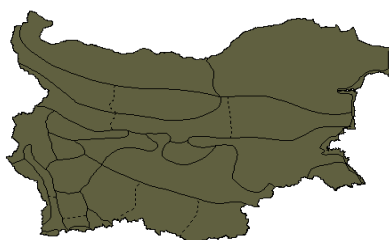
300



300

Bal-Anat

Sedum maximum
(L.) Suter



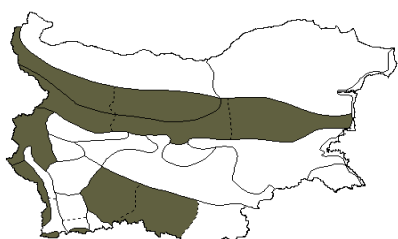
1500



0

subBoreal

Sedum dasyphyllum
L.



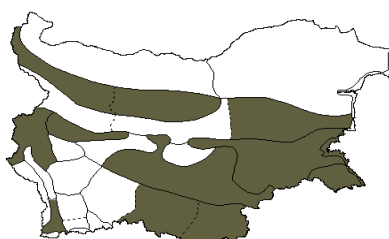
1200



0

subMed

Sedum pallidum
M. Bieb.



1000



0

Med

Sedum hispanicum
L.



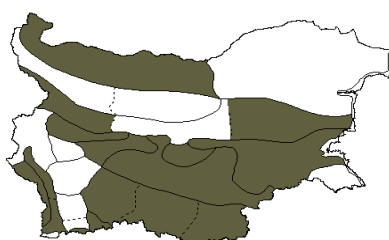
1500



0

Eur-Med

Sedum rubens
L.

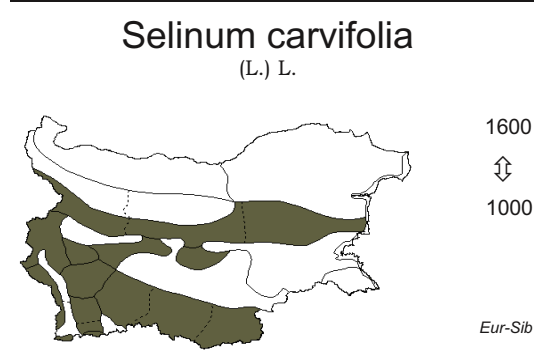
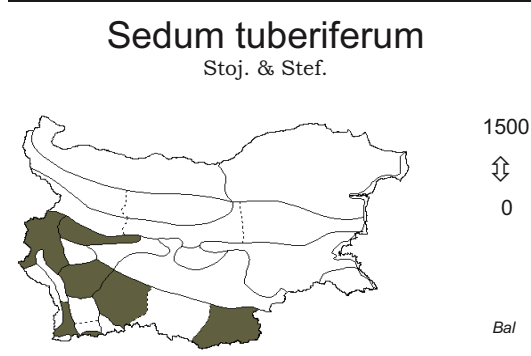
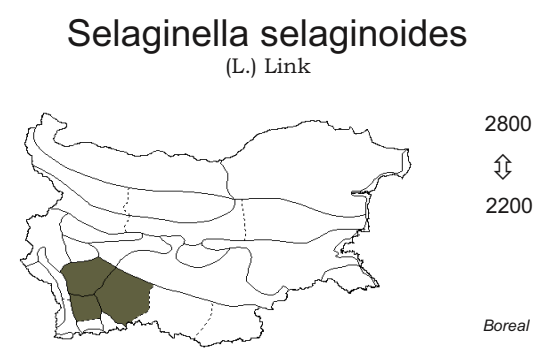
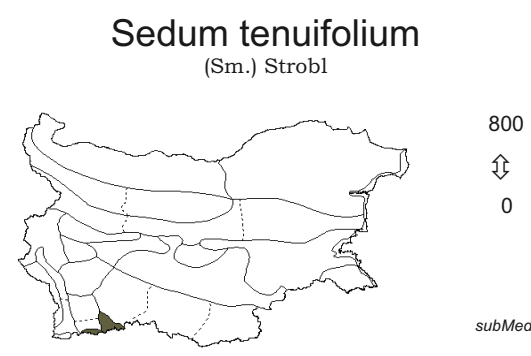
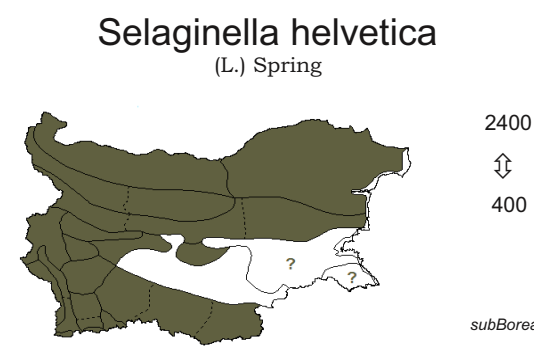
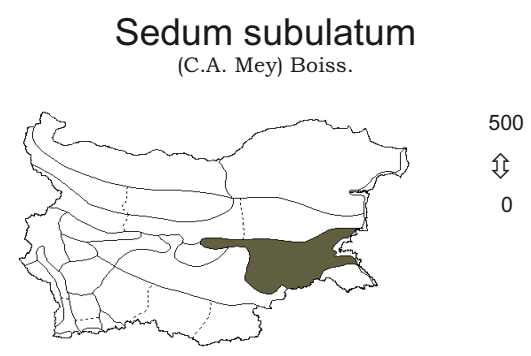
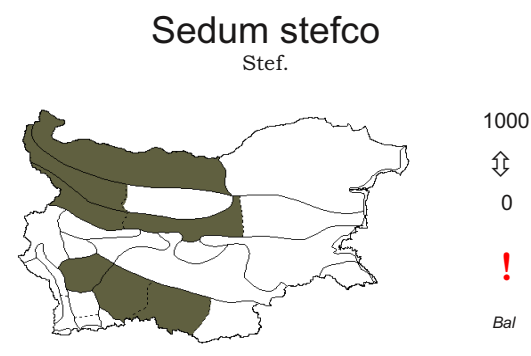
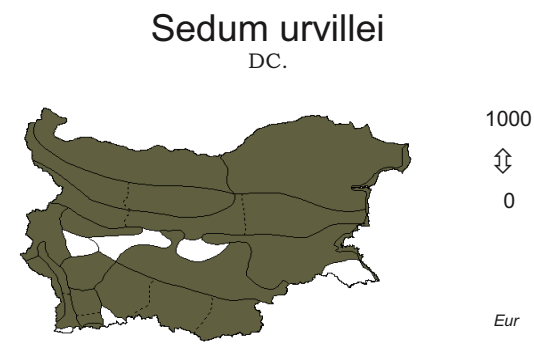
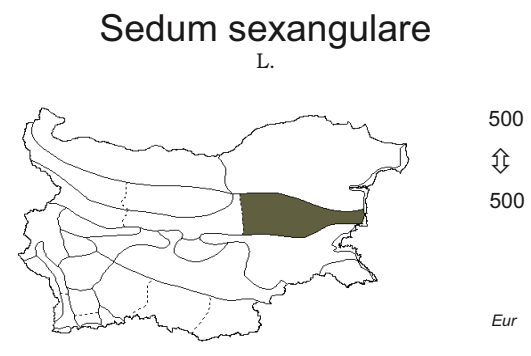


800



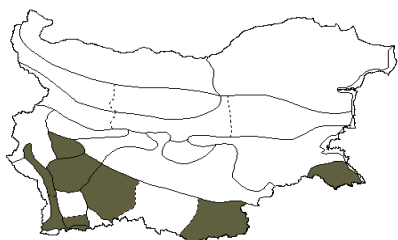
0

Eur-Med



Sempervivum ciliosum

Craib



1000



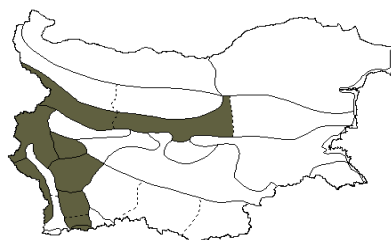
0



Bal

Senecio abrotanifolius

L.



2800

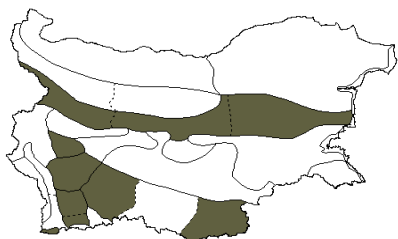


1500

Carp-Bal

Sempervivum erythraeum

Velen.



2700

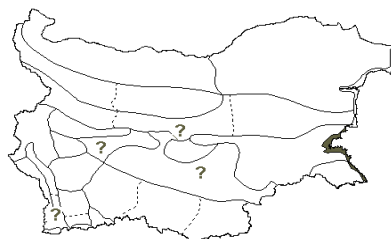


1000

subBal

Senecio aquaticus

Hill



0

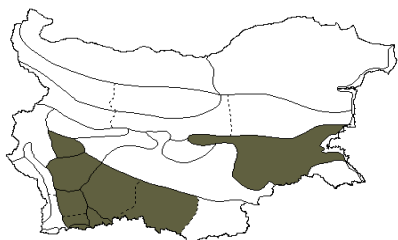


0

Eur

Sempervivum leucanthum

Pančić



2000

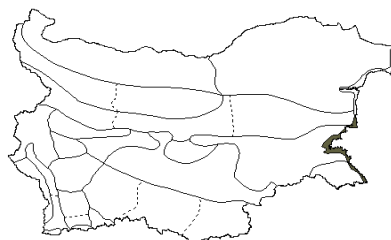


800

Bul

Senecio cineraria

DC.



100

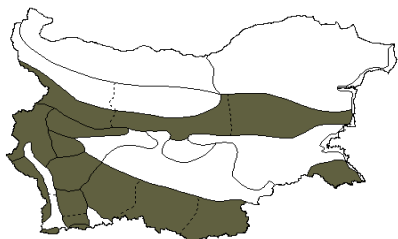


0

Med

Sempervivum marmoreum

Griseb.



2700

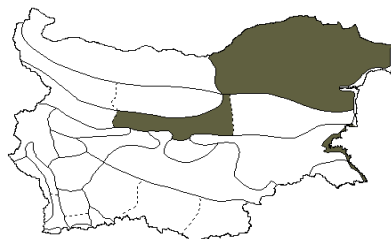


300

subMed

Senecio doria

L.



2000

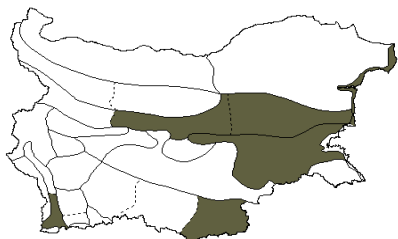


0

Eur

Sempervivum zelebrii

Schott



700

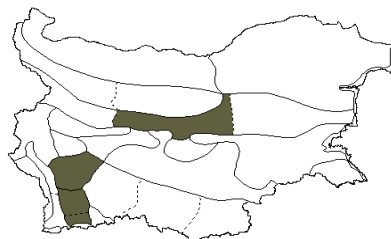


0

subMed

Senecio doronicum

(L.) L.



2700



1800

Carp-Bal

Senecio erucifolius

L.



2900

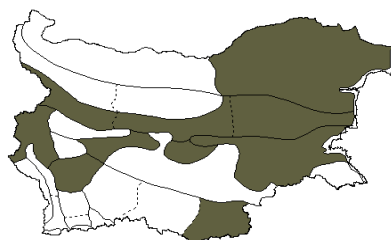


200

Eur-As

Senecio othonnae

M. Bieb.



1600

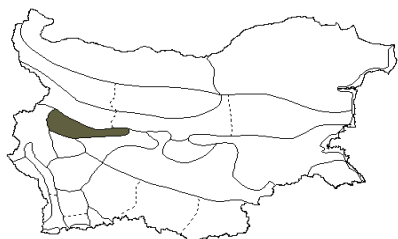


1000

Bal-Cauc

Senecio inaequidens

DC.



500

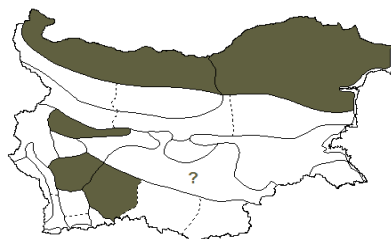


0

Adv (SAm)

Senecio paludosus

L.



1000



0

Eur

Senecio jacobaea

L.



2900

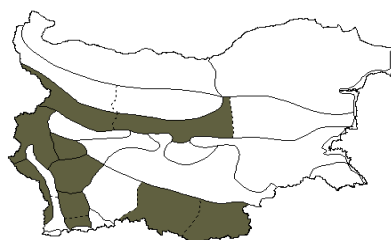


500

Eur-Med

Senecio pancicii

Degen



2600

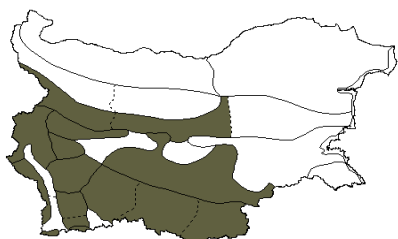


1800

Bal

Senecio macedonicus

Griseb.



2500

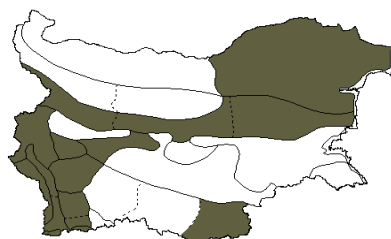


600

Bal

Senecio papposus

(Rchb.) Less.



2500

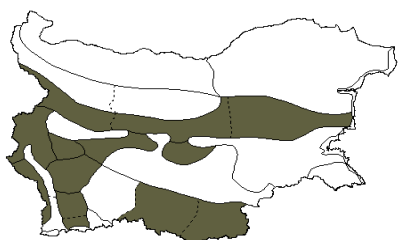


0

Carp-Bal

Senecio nemorensis

L.



2800

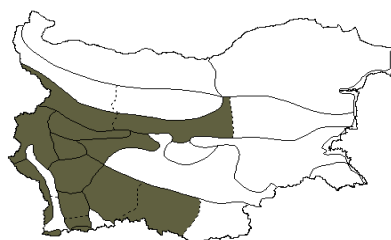


1500

Boreal

Senecio rupestris

Waldst. & Kit.

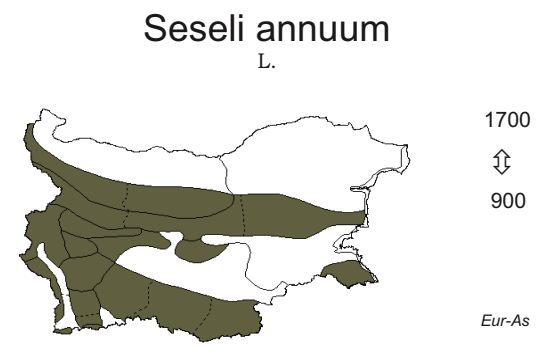
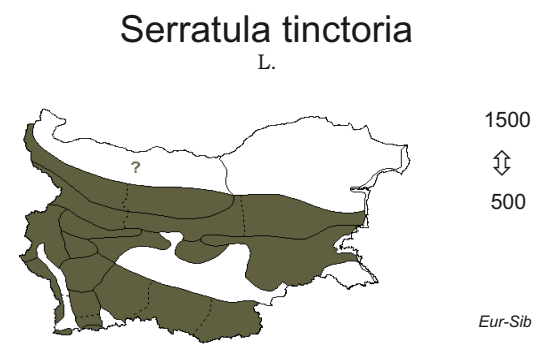
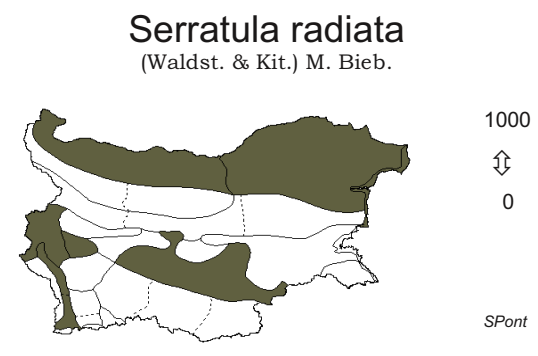
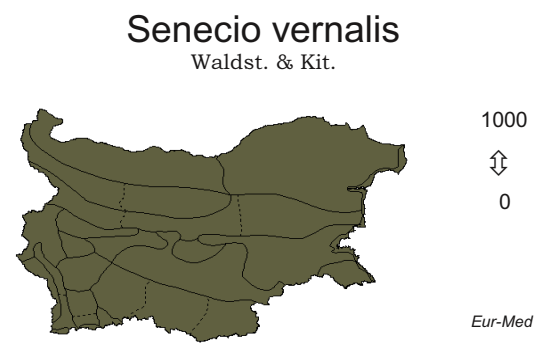
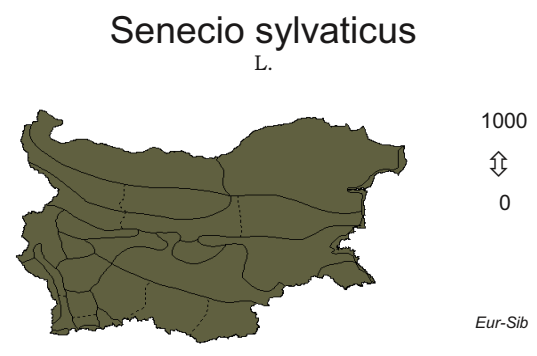
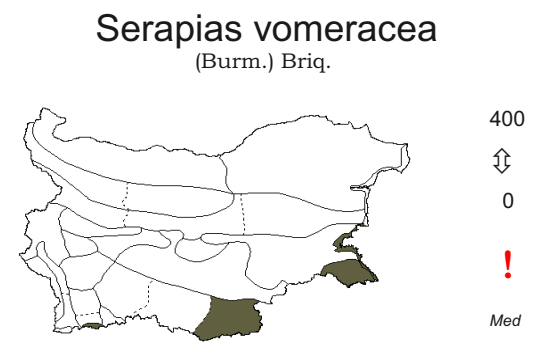
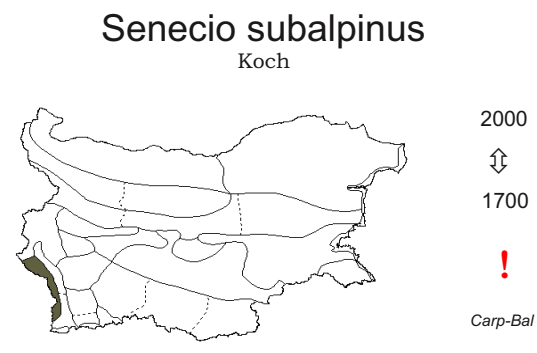


2500



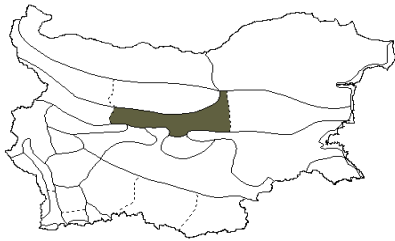
1500

subMed



Seseli bulgaricum

P. W. Ball



1800



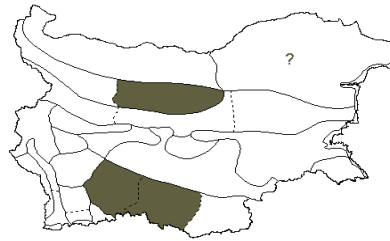
1000



Bul

Seseli rhodopaeum

Velen.



1800

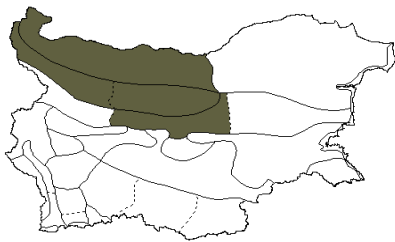


200

Bul

Seseli degenii

Urum.



800



600



Bul

Seseli rigidum

Waldst. & Kit.



2500



0

subMed

Seseli libanotis

(L.) Koch



1600

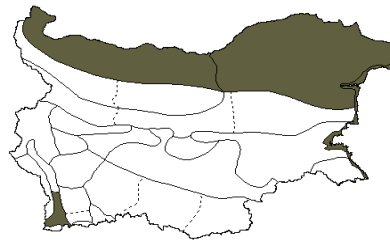


500

Eur-Sib

Seseli tortuosum

L.



500

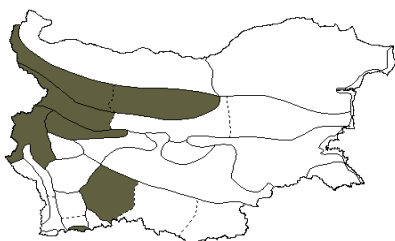


0

subMed

Seseli pallasii

Besser



1000

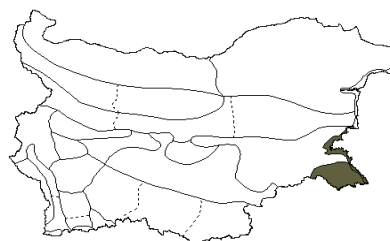


0

Eur

Sesleria alba

Sm.



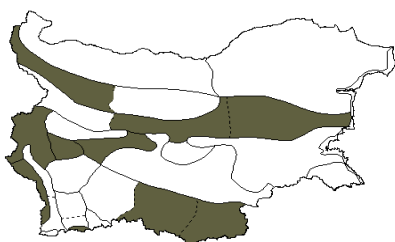
100



0

Seseli peucedanoides

(M. Bieb.) Koso-Pol.



1700

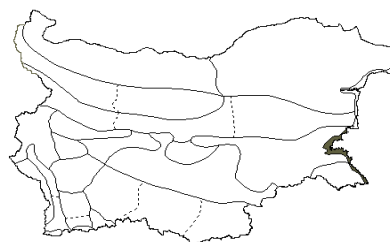


900

Med-OT

Sesleria argentea

(Savi) Savi



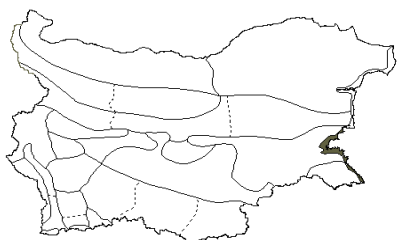
200



0

Sesleria autumnalis

(Scop.) F. W. Schultz



200

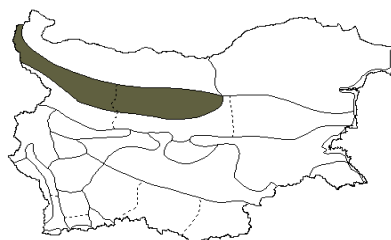


0

SEEur

Sesleria filifolia

Hoppe



800

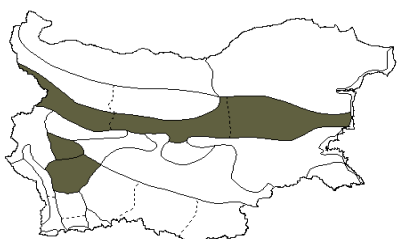


500

Bal

Sesleria bielzii

Schur



2900

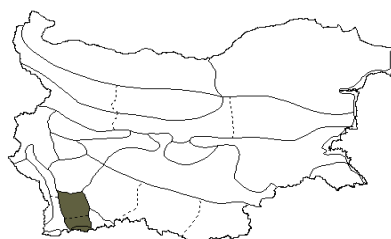


1000

Carp-Bal

Sesleria korabensis

(Kumm. & Jav.) Deyl



2900

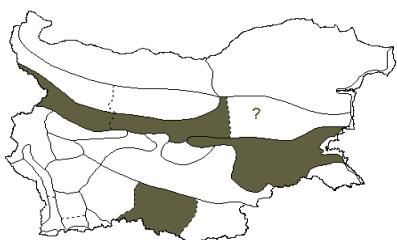


1500

Bal

Sesleria caerulea

(L.) Ard.



1000

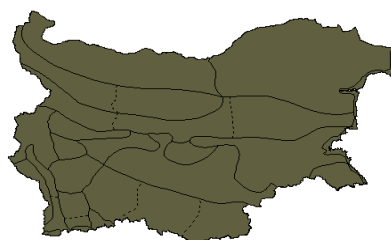


0

Eur

Sesleria latifolia

(Adamović) Degen



1500

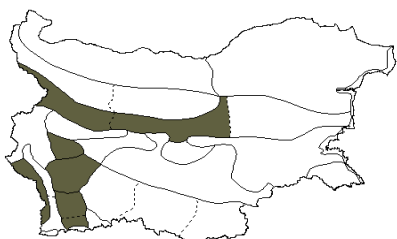


0

Bal

Sesleria coerulans

Friv.



1000

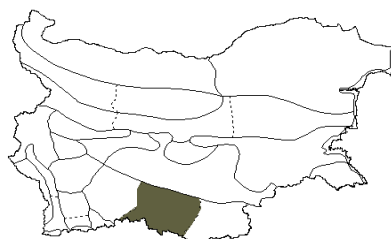


0

Carp-Bal

Sesleria rhodopaea

Tashev & Dimitrov



1500

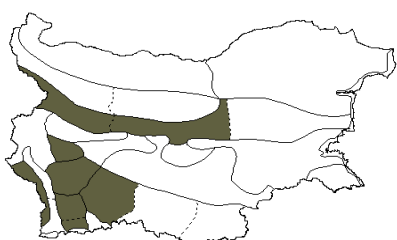


1000

Bul

Sesleria comosa

Velen.



2900

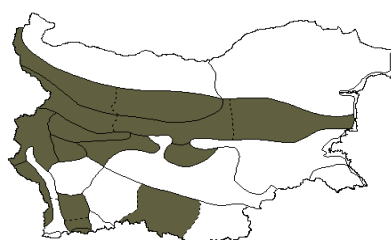


1000

Bal

Sesleria rigida

Heuffel ex Rchb.



1500

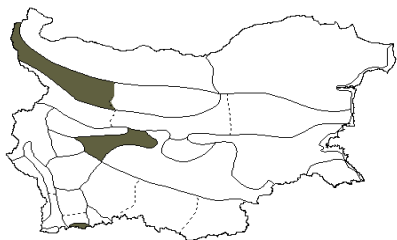


0

Carp-Bal

Sesleria robusta

Schott, Nym. & Kotschi



2000



1000

Setaria verticillata

(L.) P. Beauv.



800

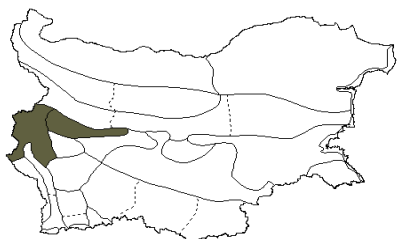


0

Kos

Sesleria tenuifolia

Schrad.



1000



0

NEMed

Setaria viridis

(L.) P. Beauv.



800

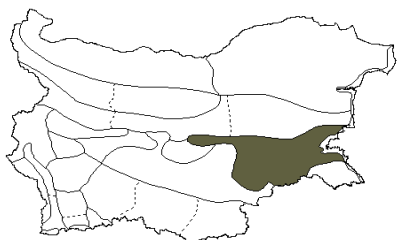


0

Boreal

Sesleria uliginosa

Opiz



400



200

CEur

Sherardia arvensis

L.



1500



0

Med

Setaria italica

(L.) P. Beauv.



400

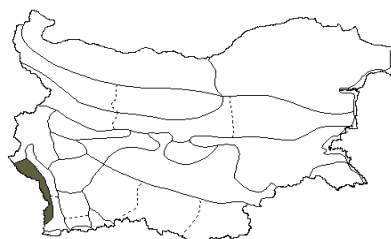


0

subBoreal

Sibbaldia parviflora

Willd.



2000



2000



Anat-Bal

Setaria pumila

(Poir.) Schult.



800

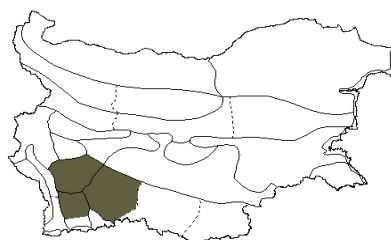


0

Kos

Sibbaldia procumbens

L.



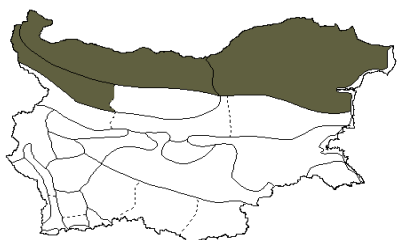
2800



2000

Boreal

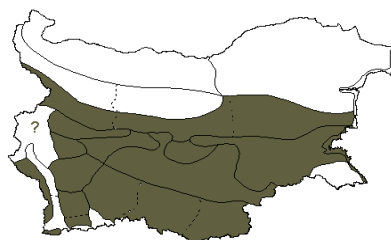
Sicyos angulatus
L.



400
⇕
0

Adv (NAm)

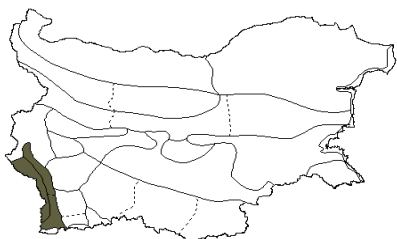
Sieglingia decumbens
(L.) Bernh.



1500
⇕
0

Eur-Med

Sideritis lanata
L.



500
⇕
200

Med

Silaum silaus
(L.) Schinz & Thell.



1800
⇕
800

Eur

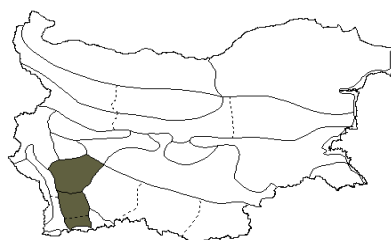
Sideritis montana
L.



1500
⇕
0

subMed

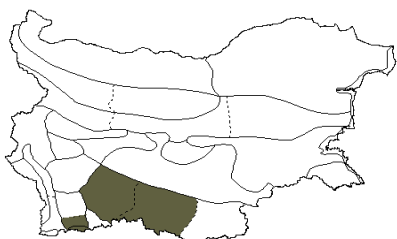
Silene acaulis
(L.) Jacq.



2900
⇕
2200

Arct-Alp

Sideritis scardica
Griseb.



2000
⇕
1000

Bal

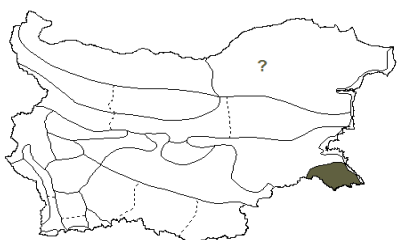
Silene alba
(Mill.) E. Krause



1500
⇕
0

Eur-Sib

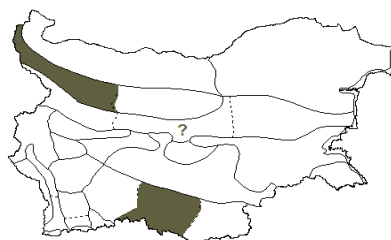
Sideritis syriaca
L.



400
⇕
0

!
Med

Silene alpina
(Lam.) E. Thomas



1000
⇕
800

!

Silene armeria

L.



1500

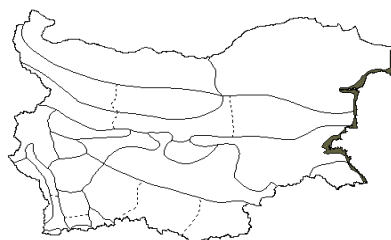


300

Eur

Silene caliacrae

Jordanov & Panov



50



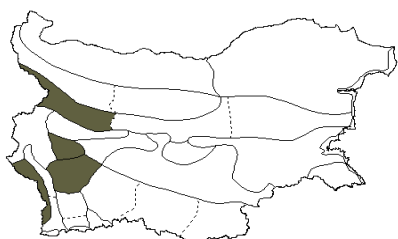
0



Bul

Silene asterias

Griseb.



2900

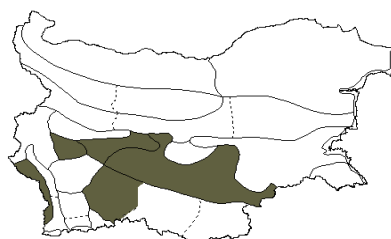


1000

Bal

Silene chlorantha

(Willd.) Ehrh.



700

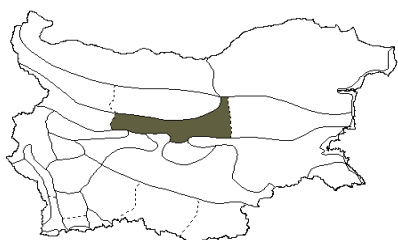


0

Eur-Sib

Silene balcanica

(Urum.) Hayek



2900

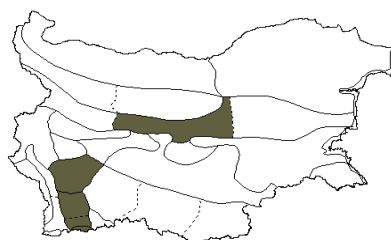


1500

Bal

Silene ciliata

Pourret



2400

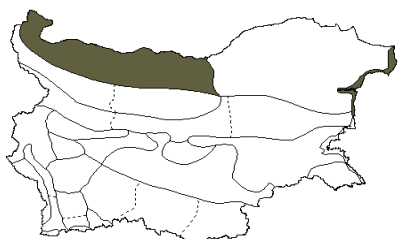


1800

Alp-Med

Silene borysthena

(Gruner) Walters



200

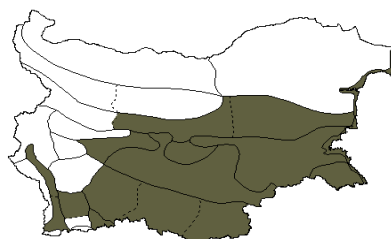


0

Pont-Sib

Silene compacta

Fisch.



800

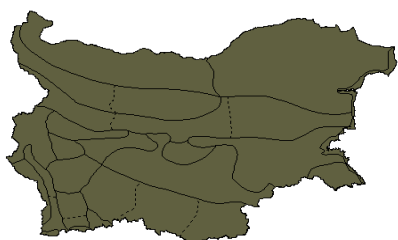


0

Med

Silene bupleuroides

Chater & Walters



2400

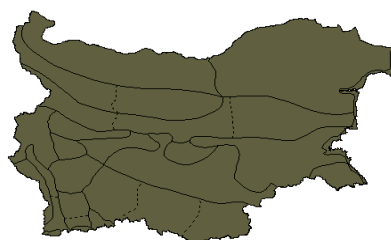


0

Pont-subMed

Silene conica

L.



1100

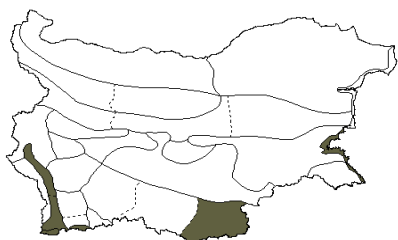


0

subMed-As

Silene cretica

L.



500



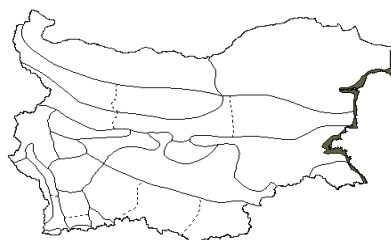
0



Med

Silene euxina

(Rupr.) Hand.-Mazz.



0



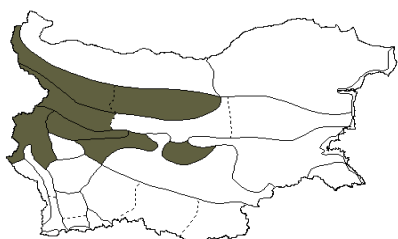
0



Pont

Silene csereii

Baumg.



1100

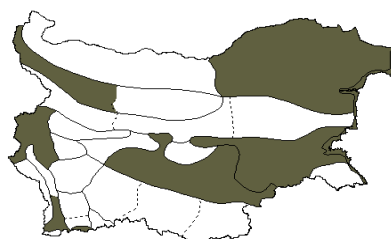


300

Bal-Dac

Silene exaltata

Friv.



500

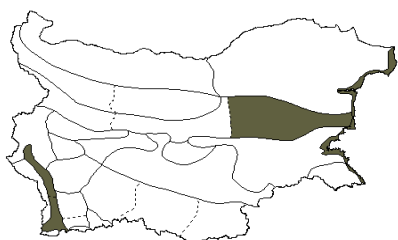


0

Bal-Pont

Silene densiflora

D'Urv.



500

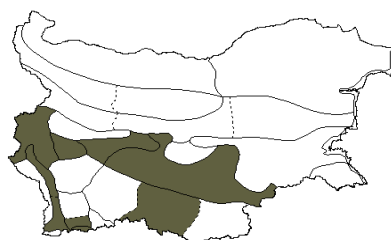


0

subMed

Silene fabarioides

Hauskn.



2200

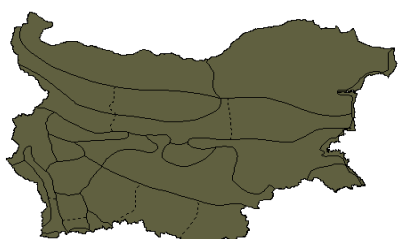


500

Bal

Silene dichotoma

Ehrh.



700

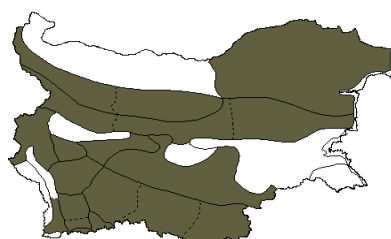


0

Eur-Med

Silene flavescens

Waldst. & Kit.



1600

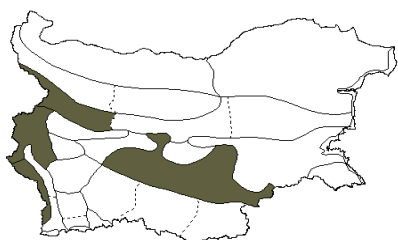


0

Carp-Bal

Silene dioica

(L.) Clairv.



1000

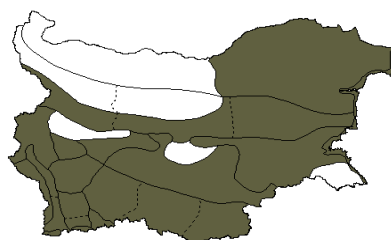


0

Eur-As

Silene frivaldszkyana

Hampe



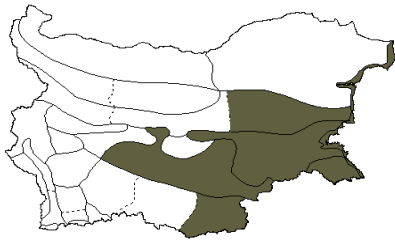
1100



0

Bal

Silene gallica
L.



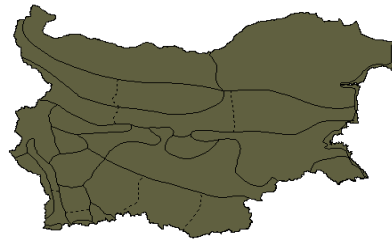
600



0

Kos

Silene italica
(L.) Pers.



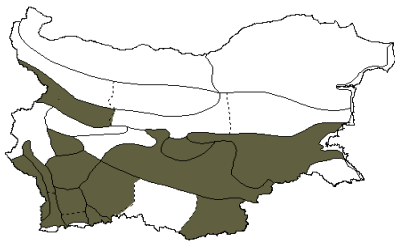
1600



0

Eur-Med

Silene gallinyi
Rchb.



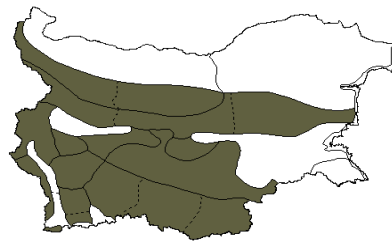
1200



0

subMed

Silene lerchenfeldiana
Baumg.



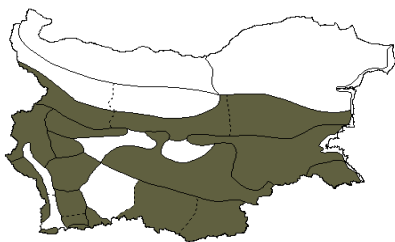
2600



200

Carp-Bal

Silene gigantea
L.



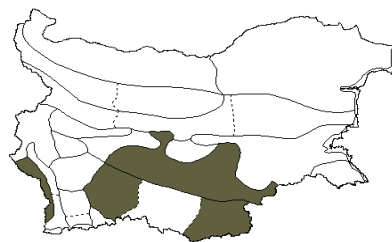
1300



0

Bal-Anat

Silene lydia
Boiss.



1000

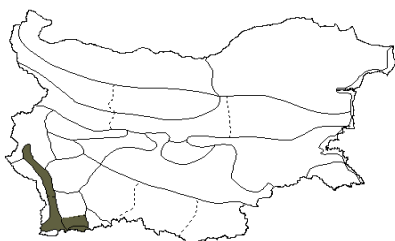


500



EMed

Silene graeca
Boiss. & Spruner



800

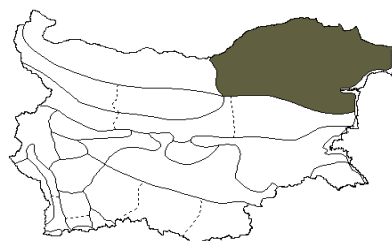


0



Bal

Silene moldavica
(Klokov) Šourkova



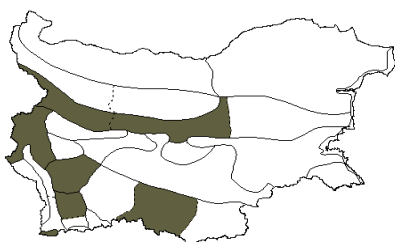
100



0

Pont-Bal

Silene heuffelii
Sóo



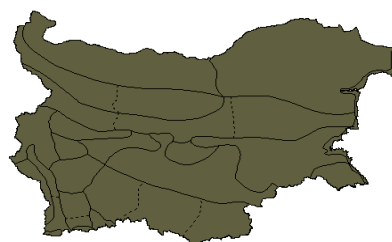
1500



0

Bal-Dac

Silene noctiflora
L.



1200

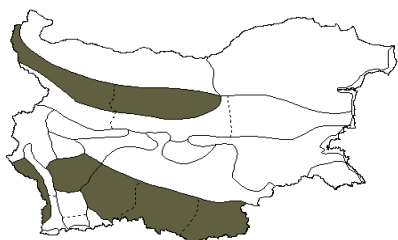


0

Eur-Sib

Silene nutans

L.



1500

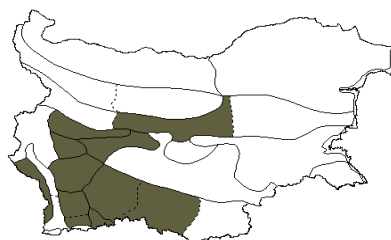


0

Eur-As

Silene roemerii

Friv.



2700

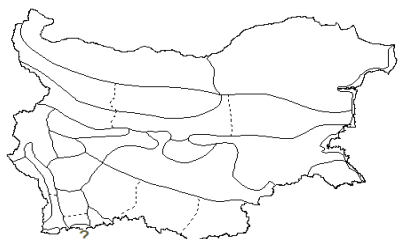


300

Bal-Ap

Silene orbelica

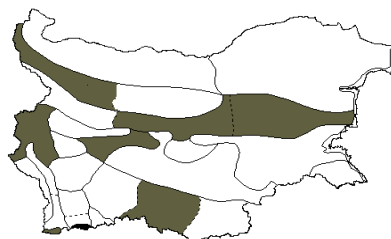
Greuter



Bal

Silene saxifraga

L.



2900



1000

Alp-Med

Silene otites

(L.) Wibel



1000

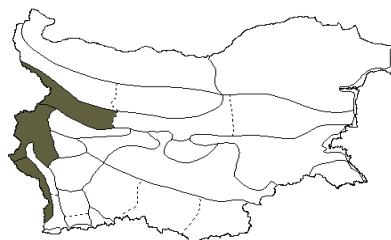


0

Eur-Med

Silene sendtneri

Boiss.



1500

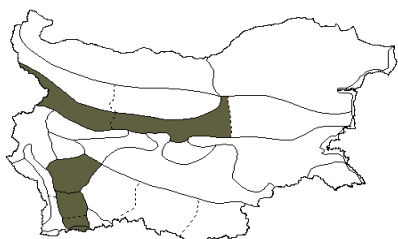


0

Bal

Silene pusilla

Waldst. & Kit.



2600

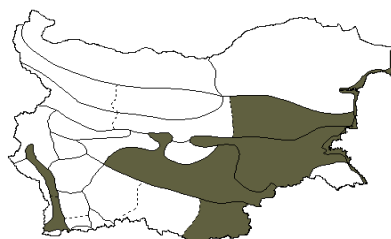


1300

Alp-Med

Silene skorpilii

Velen.



600

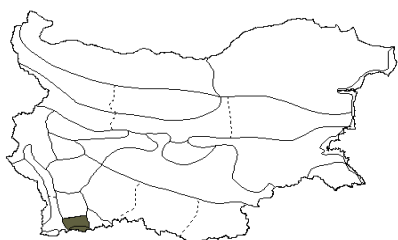


0

Bal

Silene radicata

Boiss. & Heldr.



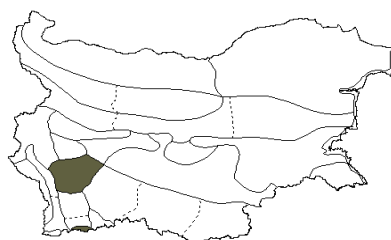
1800



1800

Silene stojanovii

Panov



2900

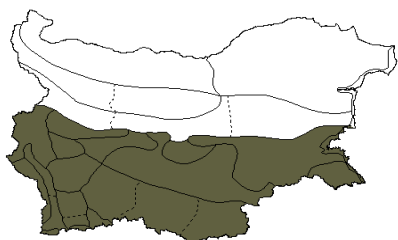


1000

Bul

Silene subconica

Friv.



1400

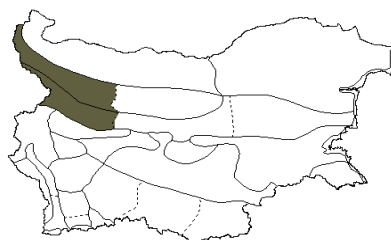


0

subMed

Silene velcevii

Jordanov & Panov



400



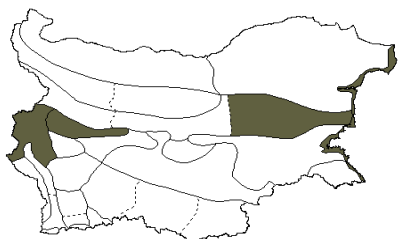
200



Bul

Silene supina

M. Bieb.



1200

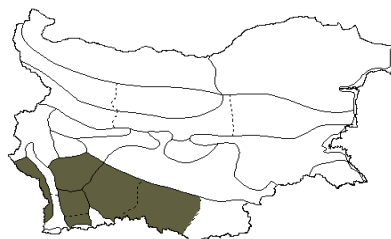


0

Pont-Med

Silene velenovskyana

Jordanov & Panov



2900

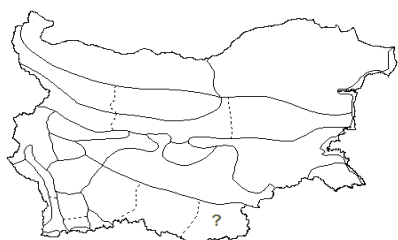


1000

Bal

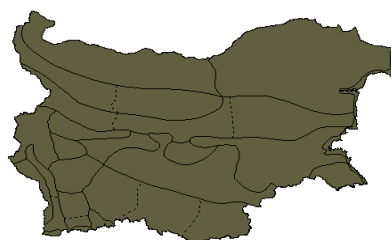
Silene tenuiflora

Guss.



Silene viridiflora

L.



2000

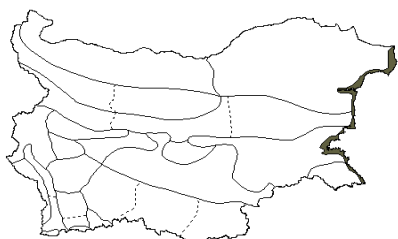


0

Med

Silene thymifolia

Sm.



50

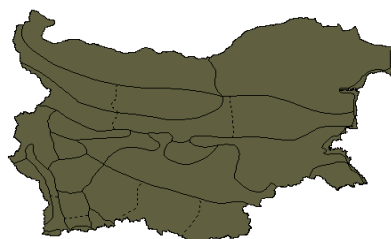


0

WPont

Silene vulgaris

(Moench) Garcke



2600

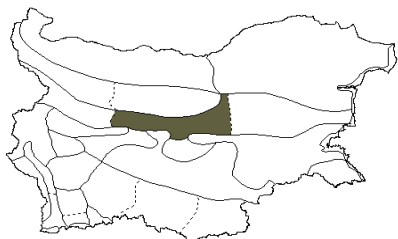


0

Eur-As

Silene trojanensis

(Velen.) Jordanov & Panov



2300

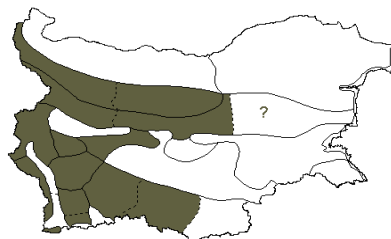


1000

Bul

Silene waldsteinii

Griseb.



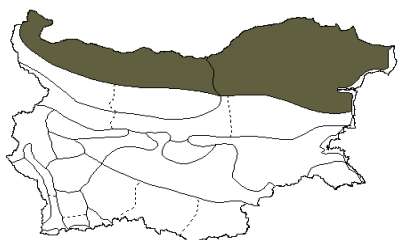
2400



600

Bal

Silene wolgensis
(Hornem.) Otth



500
⇕
0

Pont

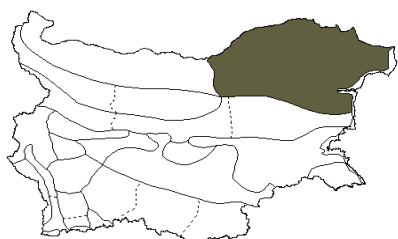
Sisymbrium altissimum
L.



1000
⇕
0

Pont-subMed

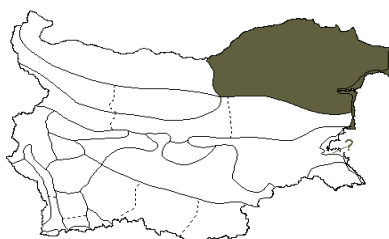
Silphium perfoliatum
L.



200
⇕
0

Adv (NAm)

Sisymbrium irio
L.



300
⇕
0

subBoreal

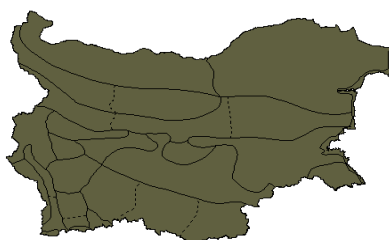
Silybum marianum
(L.) Gaertn.



1000
⇕
0

Med

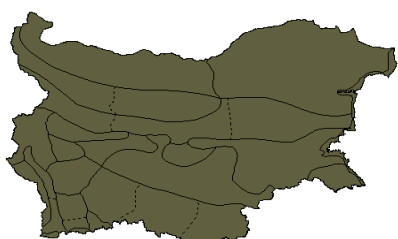
Sisymbrium loeselii
L.



1000
⇕
0

Eur-As

Sinapis arvensis
L.



1200
⇕
0

Med

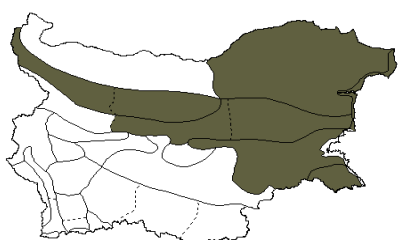
Sisymbrium officinale
(L.) Scop.



1100
⇕
0

Eur-Sib

Sison amomum
L.



600
⇕
0

Eur-Med

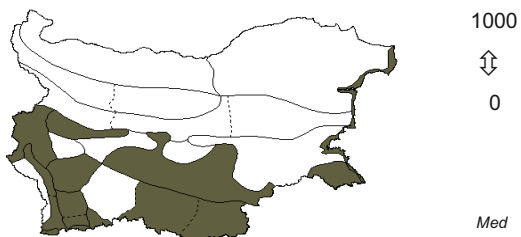
Sisymbrium orientale
L.



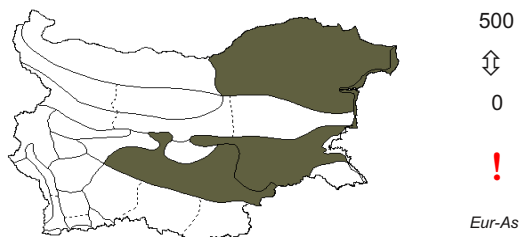
1000
⇕
0

Eur-As

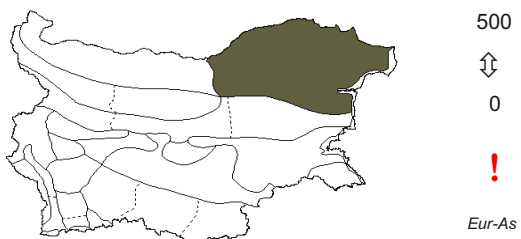
Sisymbrium polyceratium
L.



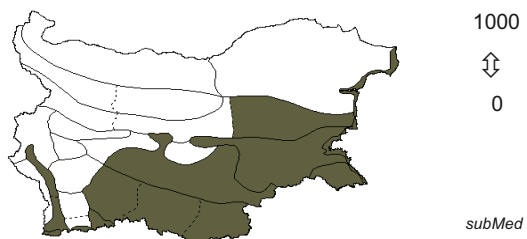
Sium sisarum
L.



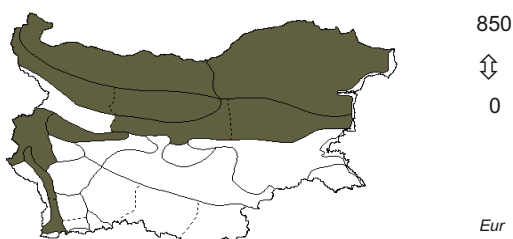
Sisymbrium polymorphum
(Murr.) Roth



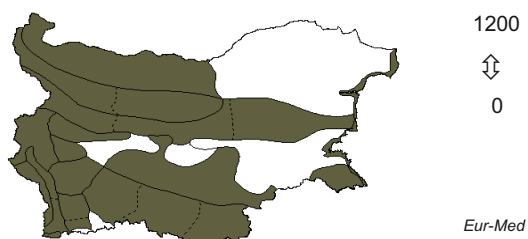
Smilax excelsa
L.



Sisymbrium strictissimum
L.



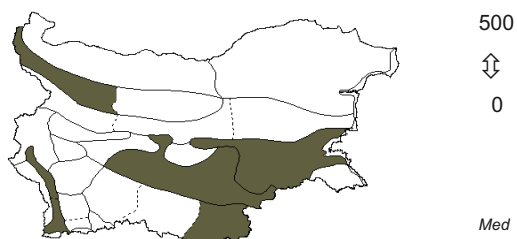
Smyrniun perfoliatum
L.



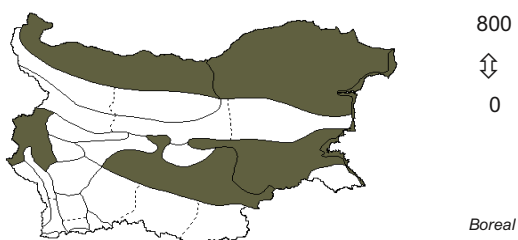
Sisyrinchium montanum
Greene



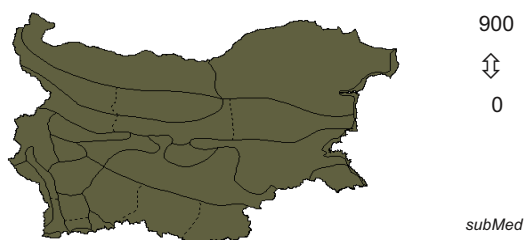
Smyrniun rotundifolium
Mill.



Sium latifolium
L.

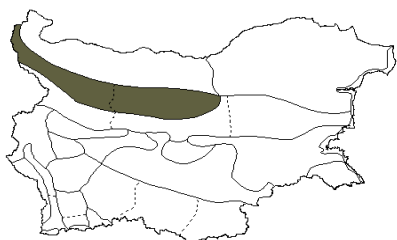


Solanum alatum
Moench



Solanum cornutum

Lam.



300

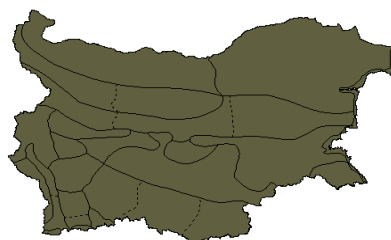


0

Adv (NAm)

Solanum schultesii

Opiz



800



0

Pont

Solanum dulcamara

L.



900

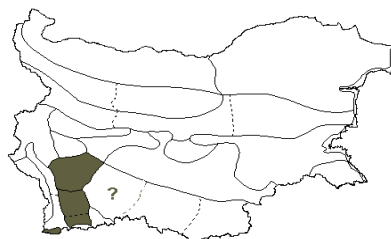


0

Eur-As

Soldanella chrysostricta

Kress



2700



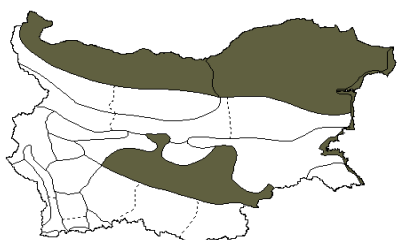
1500



Carp-Bal

Solanum heterodoxum

Dunal



300

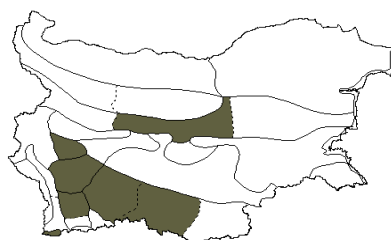


0

Adv (NAm)

Soldanella pindicola

Hauskn.



2000



1500

Solanum luteum

Mill.



1000

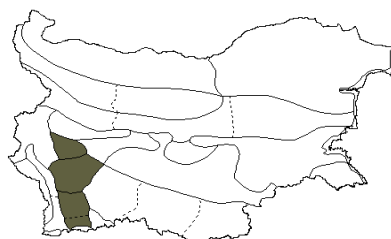


0

subMed

Soldanella pusilla

Baumg.



2900



2200

Alp-Carp-Bal

Solanum nigrum

L.



1000

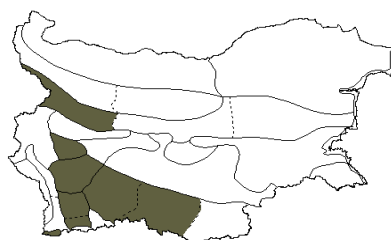


0

Kos

Soldanella rhodopaea

F. K. Mey.



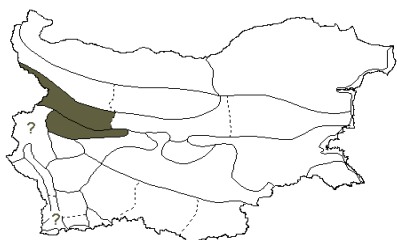
2900



1400

Bal

Solidago canadensis
L.



500



0

Adv

Sonchus oleraceus
L.



1000



0

Kos

Solidago gigantea
Aiton



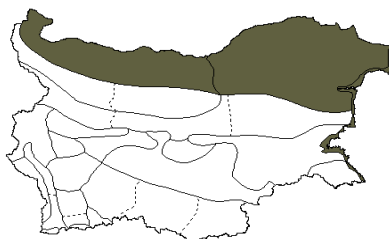
1000



0

Adv (NAm)

Sonchus palustris
L.



500



0



Eur-As

Solidago virgaurea
L.



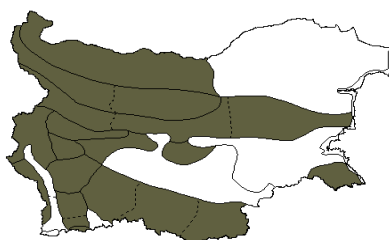
2800



500

Boreal

Sorbus aria
(L.) Crantz



1800



0

Eur

Sonchus arvensis
L.



1000



0

Eur-As

Sorbus aucuparia
L.



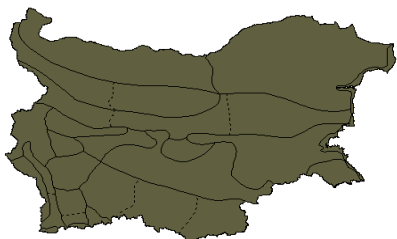
2000



600

subBoreal

Sonchus asper
(L.) Hill



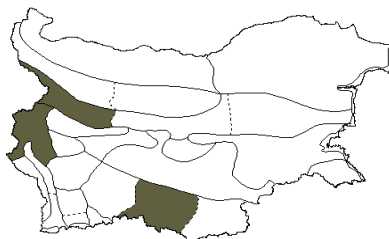
1000



0

Eur

Sorbus austriaca
(Beck) Hedl.



1100

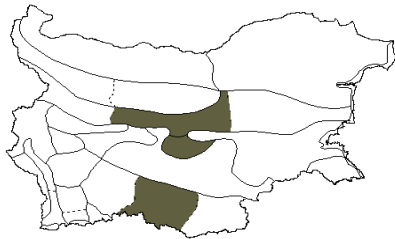


800

Alp-Carp-Bal

Sorbus borbasii

Jáv.



1600

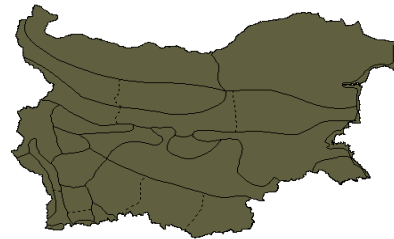


500

Carp-Bal

Sorbus torminalis

(L.) Crantz



1700

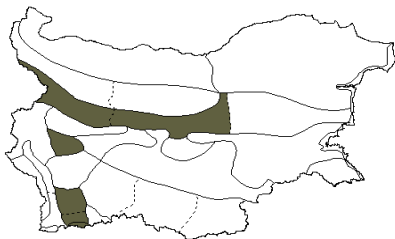


0

Pont-Med

Sorbus chamaemespilus

(L.) Crantz



2100

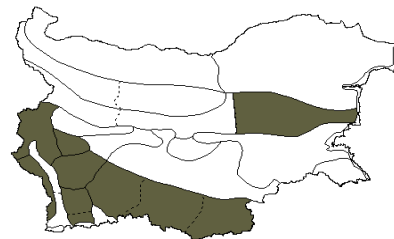


1700

Alp-Med

Sorbus umbellata

(Desf.) Fritsch



1600



600

subMed

Sorbus domestica

L.



1000

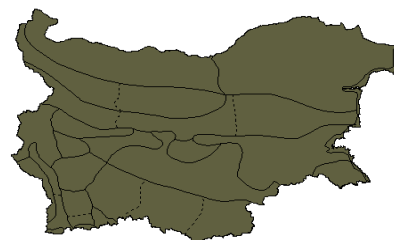


0

Eur-Med

Sorghum halepense

(L.) Pers.



1000

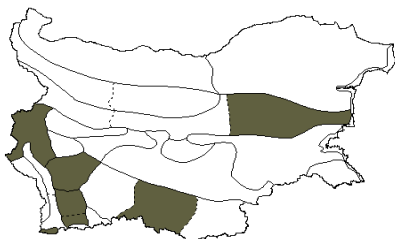


0

subMed-As

Sorbus graeca

(Spach) Kotschy



1300

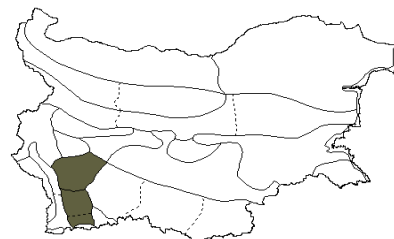


500

Pont-Med

Sparganium angustifolium

Michx.



1800



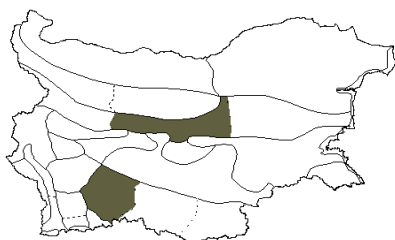
1000



subBoreal

Sorbus mougeotii

Soy.-Will. & Godr.



1500

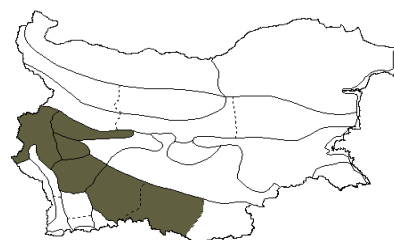


500

Alp-Carp-Bal

Sparganium emersum

Rehmann



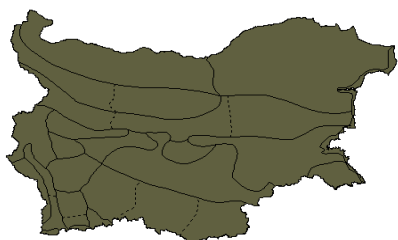
1000



0

Boreal

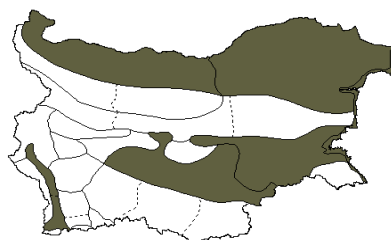
Sparganium erectum
L.



1000
⇕
0

Boreal

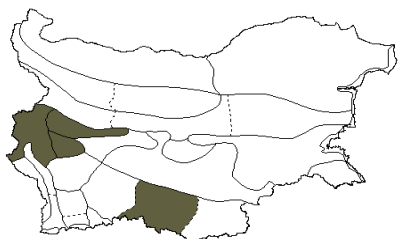
Spergularia marina
(L.) Griseb.



500
⇕
0

subBoreal

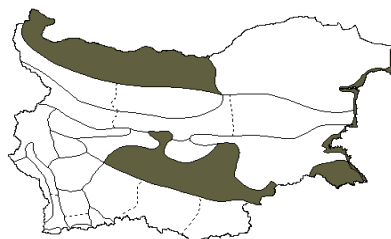
Sparganium minimum
Wallr.



1600
⇕
0

Boreal

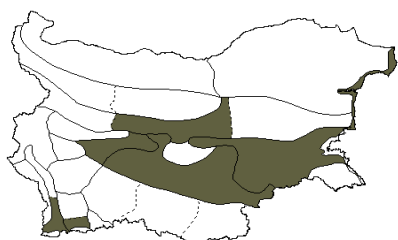
Spergularia media
(L.) C. Presl



500
⇕
0

Eur-As

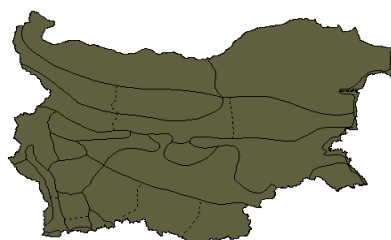
Spartium junceum
L.



1000
⇕
0

Adv (Med)

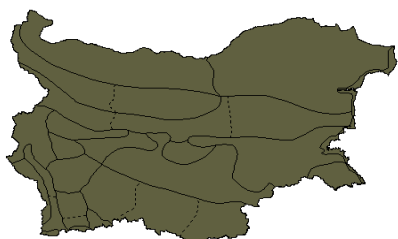
Spergularia rubra
(L.) J. & C. Presl



2000
⇕
0

subBoreal

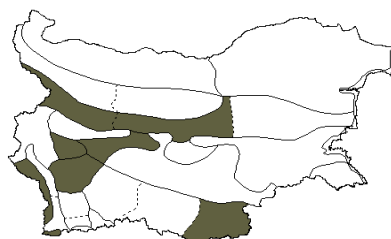
Spergula arvensis
L.



1800
⇕
0

Kos

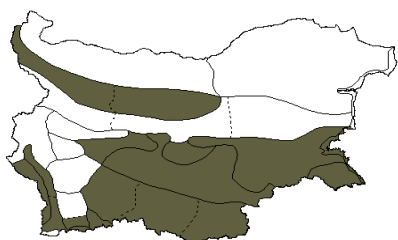
Spiraea chamaedryfolia
L.



1800
⇕
1000

Pont-As

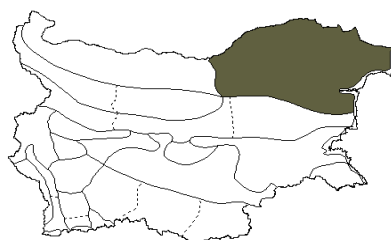
Spergula pentandra
L.



1000
⇕
0

subMed

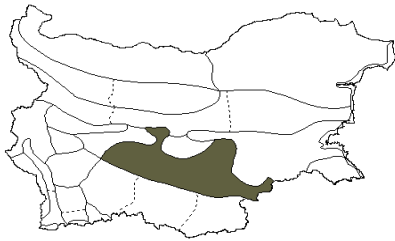
Spiraea crenata
L.



500
⇕
0

Pont

Spiraea hypericifolia
L.



300



300



Pont-Sib

Spirodela polyrhiza
(L.) Schleid.



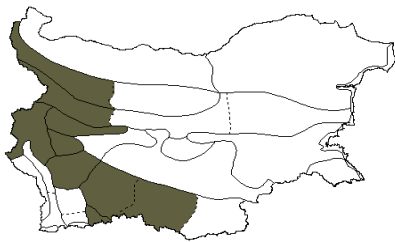
1000



0

Kos

Spiraea media
F. W. Schmidt



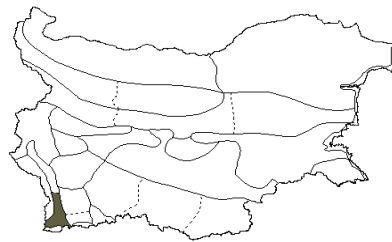
2000



500

Pont-Sib

Sporobolus indicus
(L.) R. Br.



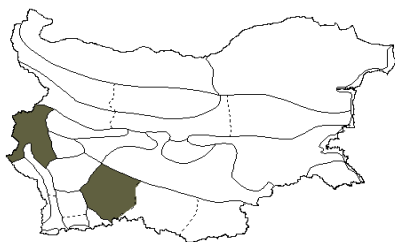
100



0

Adv (Am)

Spiraea pseudosalicifolia
Silverside



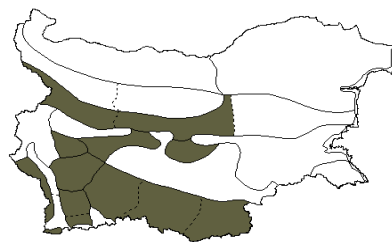
1500



500

Adv (Hybr)

Stachys alpina
L.



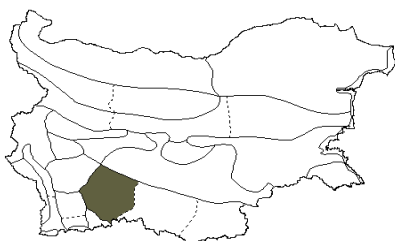
2000



900

Alp-Carp

Spiraea salicifolia
L.



1200

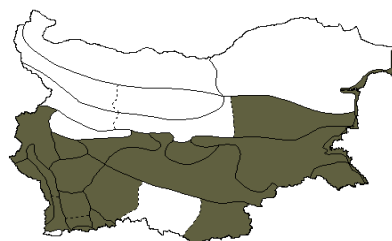


1200



Boreal

Stachys angustifolia
M. Bieb.



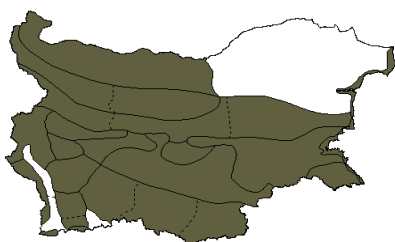
2000



0

Pont-Med

Spiranthes spiralis
(L.) Chevall.



1000

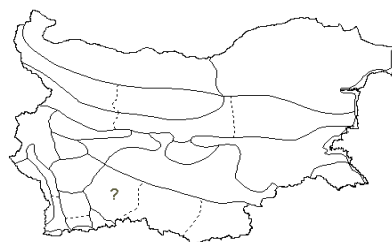


0



subMed

Stachys anisochila
Vis. & Pančić



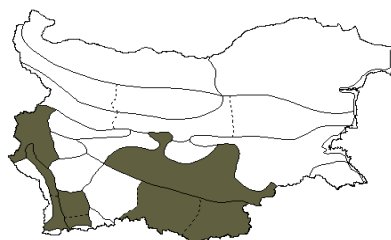
Stachys annua
(L.) L.



1400
⇕
0

Eur-As

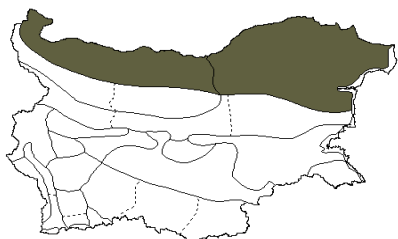
Stachys cassia
(Boiss.) Boiss.



1000
⇕
100

Pont-Med

Stachys arenariaeformis
Rouy

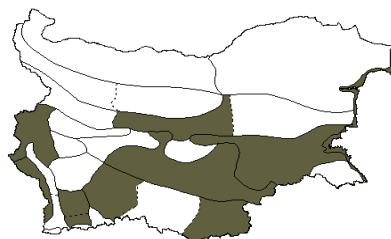


200
⇕
0

!

Bal-Dac

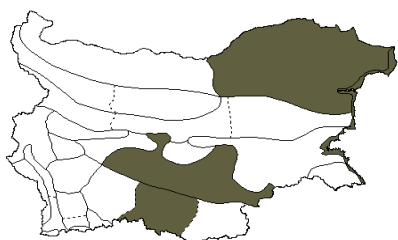
Stachys cretica
L.



1000
⇕
0

Pont-Med

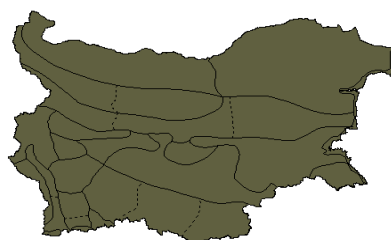
Stachys atherocalyx
C. Koch



1000
⇕
0

Pont-Med

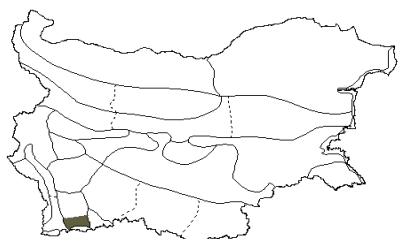
Stachys germanica
L.



1600
⇕
0

Eur-subMed

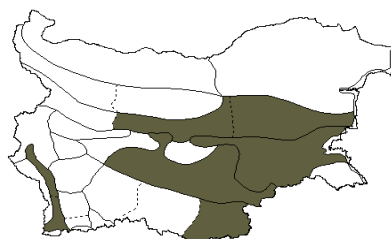
Stachys baldaccii
(Maly) Hand.-Mazz.



1700
⇕
1500

Bal ?

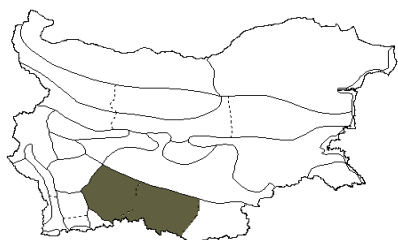
Stachys leucoglossa
Griseb.



2000
⇕
200

Bal

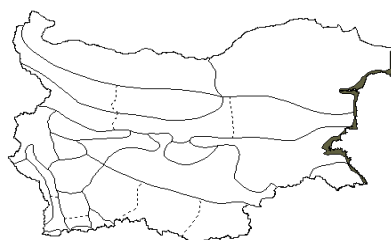
Stachys beckeana
Dörf. & Hayek



1500
⇕
1300

Bal

Stachys maritima
Gouan



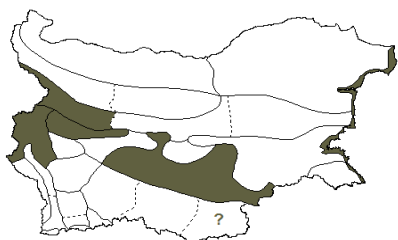
0
⇕
0

!

Med

Stachys milanii

Petrovič



1000

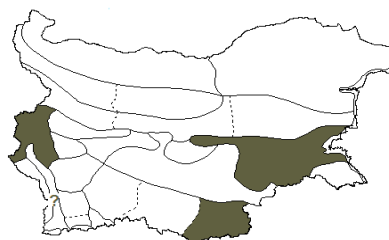


100

Bal

Stachys serbica

Pančić



1200

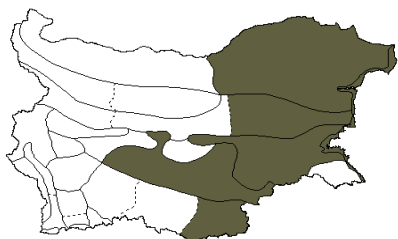


150

Bal

Stachys obliqua

Waldst. & Kit.



800



0

Bal-Anat

Stachys sylvatica

L.



2000



0

Eur-As

Stachys palustris

L.



1000

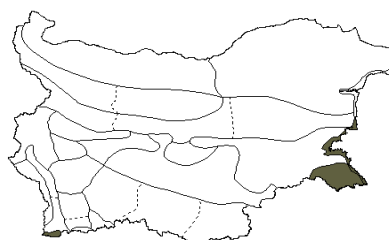


0

Boreal

Stachys thracica

Dav.



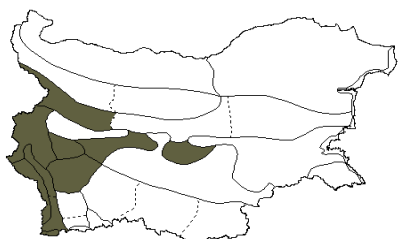
0



0

Stachys plumosa

Griseb.



1000

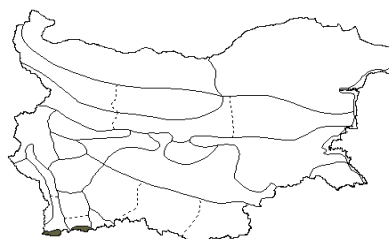


100

Bal

Stachys thymphaea

Hauskn.



2200



1000

Ap-Bal

Stachys recta

L.



1500

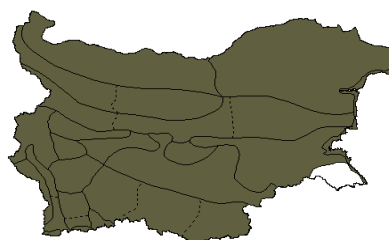


0

Eur-Med

Staphylea pinnata

L.



1000

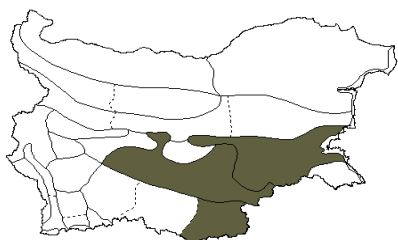


500

Eur-Med

Stefanoffia daucoides

(Boiss.) H. Wolff



300



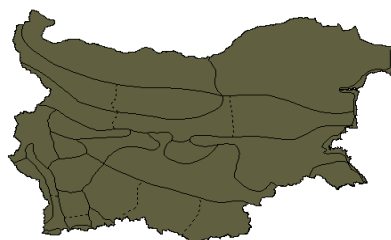
0



Bal-Anat

Stellaria media

(L.) Vill.



1500

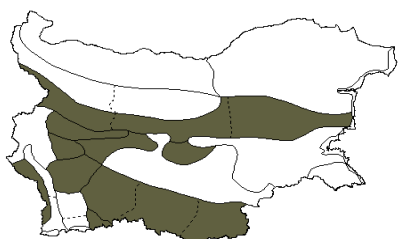


0

Kos

Stellaria alsine

Grimm



1500

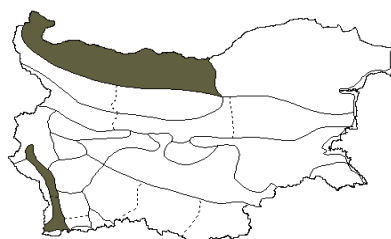


0

Boreal

Stellaria neglecta

Weihe



300

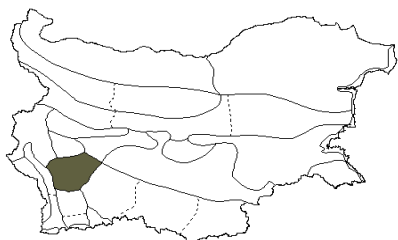


0

Eur-As

Stellaria cupaniana

(Jord. & Fourr.) Bég.



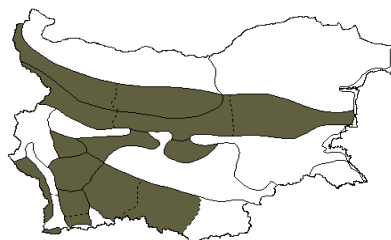
1500



0

Stellaria nemorum

L.



2300

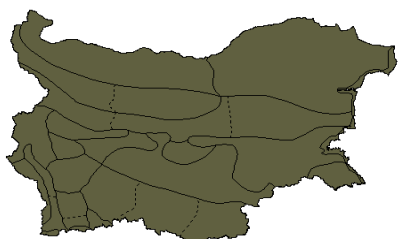


0

Eur

Stellaria graminea

L.



1900



0

Eur-As

Stellaria pallida

(Dumort.) Piré



1500



0

subMed-CAs

Stellaria holostea

L.



2000

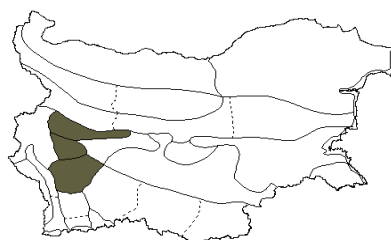


0

Eur-Sib

Stellaria palustris

Retz.



1000

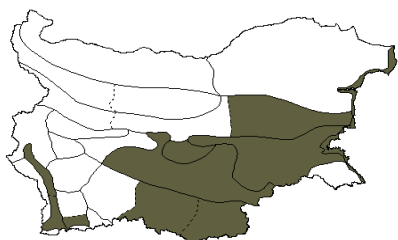


0

Eur-As

Stiptorhamphus tuberosus

(Jacq.) Grossh.



1000

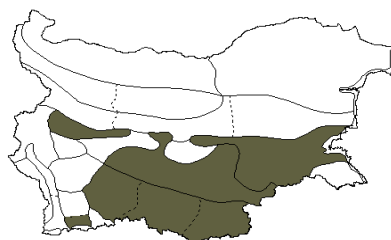


0

Med

Stipa crassiculmis

P. A. Smirn.



500



0

CAs

Sternbergia colchiciflora

Waldst. & Kit.



1200

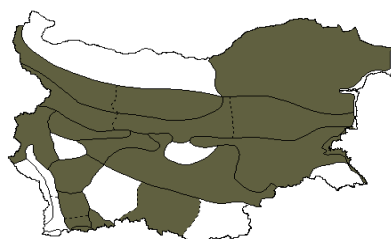


0

Eur-Pont

Stipa epilosa

Martinovský



1400

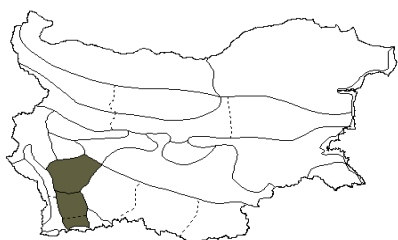


0

SEEur

Stipa balcanica

(Martinovský) Kožuharov



2000

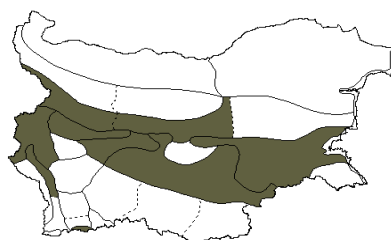


800

subBal

Stipa eriocalis

Borbás



1000

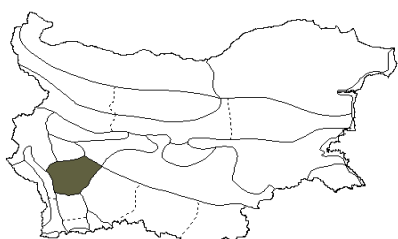


0

Eur

Stipa borysthenaica

Klokov ex Prokudin



1000

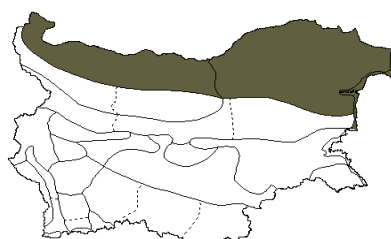


0

Pont

Stipa lessingiana

Trin. & Rupr.



100



0

Eur-As

Stipa capillata

L.



1000

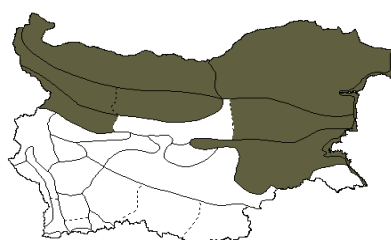


0

Pont-Med

Stipa pennata

L.



1000

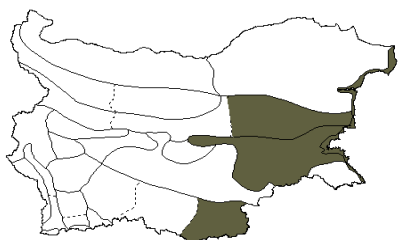


0

Eur

Stipa pontica

P. A. Smirn.



200

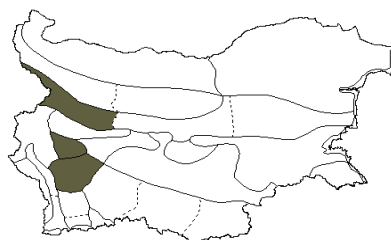


0

Pont

Streptopus amplexifolius

(L.) DC.



2000

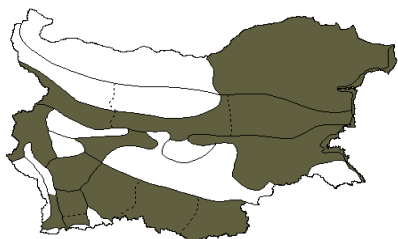


1500

Boreal

Stipa pulcherrima

Koch



1500

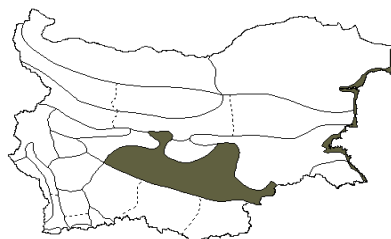


0

Pont-Med

Suaeda altissima

(L.) Pall.



200

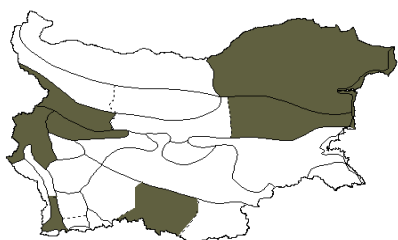


0

Eur-As

Stipa tirsia

Steven



1000

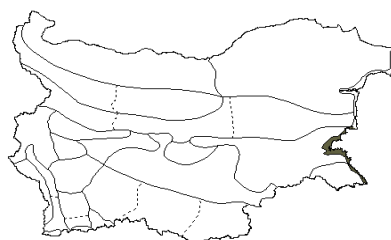


0

Eur-As

Suaeda heterophylla

(Kar. & Kir.) Bunge



50



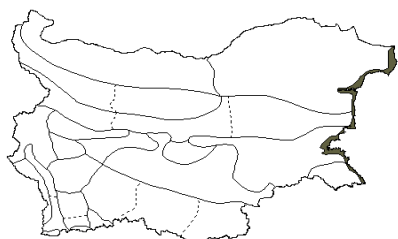
0



Pont-CAs

Stipa ucrainica

P. Smir.



500

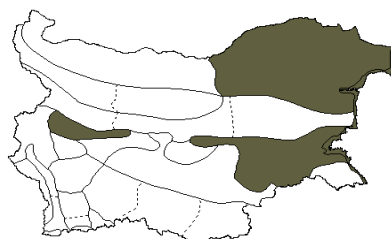


0

Pont

Suaeda maritima

(L.) Dumort.



300

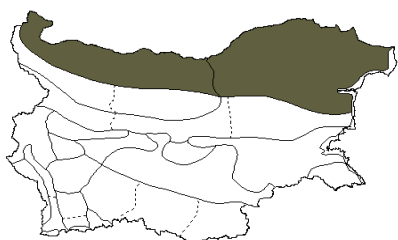


0

Kos

Stratiotes aloides

L.



100



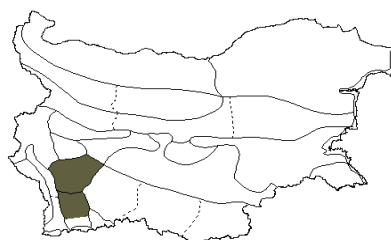
100



Eur-Sib

Subularia aquatica

L.



2900



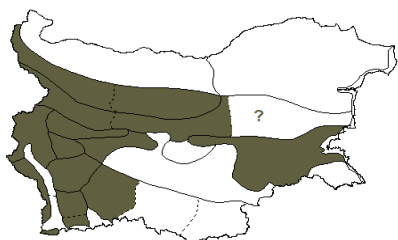
1800



Arct-Alp

Succisa pratensis

Moench



2900

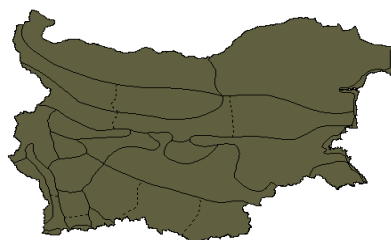


500

Eur

Symphytum bulbosum

Schim.



1800

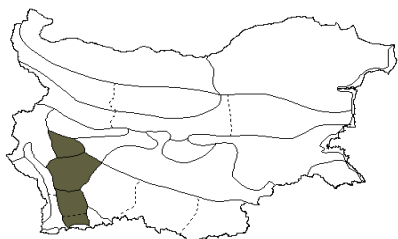


0

Med

Swertia perennis

L.



2900



1000

Eur

Symphytum officinale

L.



1500

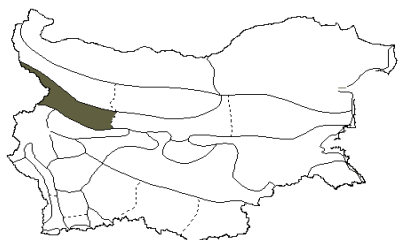


0

Eur-As

Swertia punctata

Baumg.



1400



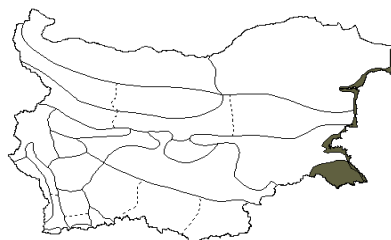
900



Carp-Bal-Cauc

Symphytum orientale

L.



50

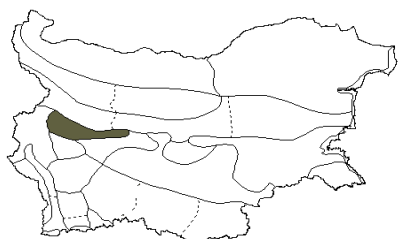


0

Pont

Symphoricarpos albus

(L.) S.F. Blake



1000

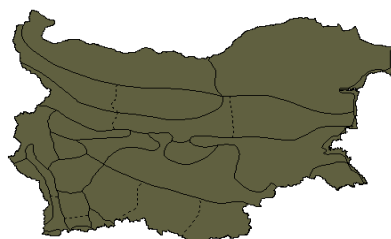


0

Adv (NAm)

Symphytum ottomanum

Friv.



2000

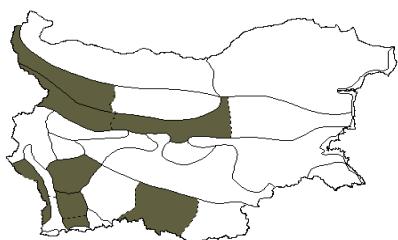


0

Bal-Anat

Symphyandra wanneri

(Rochel) Heuffel



1500

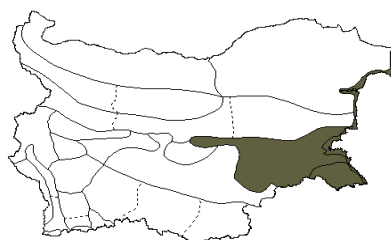


400

Carp-Bal

Symphytum tauricum

Willd.



50



0

Pont-Med

Symphytum tuberosum

L.



2200

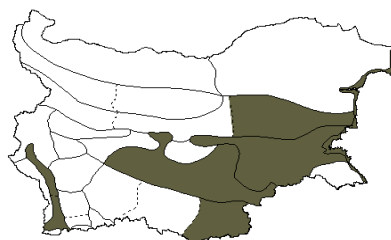


0

Eur-Med

Tamarix tetrandra

Pall. ex M. Bieb.



500



0

Med

Syringa vulgaris

L.



1300



0

Carp-Bal

Tamus communis

L.



1200



0

subMed

Taeniatherum caput-medusae

(L.) Nevski



1000

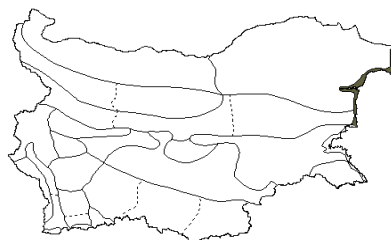


0

Eur-As

Tanacetum achilleifolium

(M. Bieb.) Sch.Bip.



100

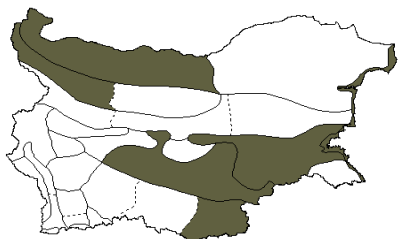


0

Pont-Med

Taeniatherum crinitum

(Schreb.) Nevski



1000



0

Pont-CAS

Tanacetum corymbosum

(L.) Sch.Bip.



2000

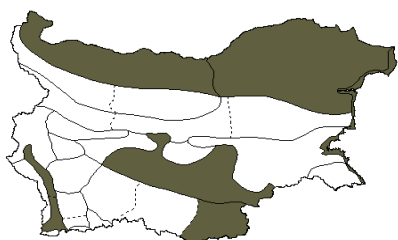


0

Eur-Med

Tamarix ramosissima

Ledeb.



300

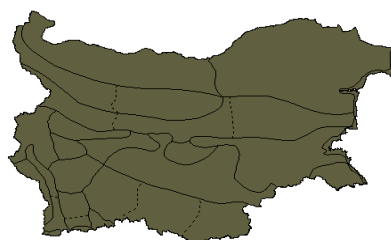


0

Eur-As

Tanacetum macrophyllum

(Waldst. & Kit.) Sch.Bip.



2000

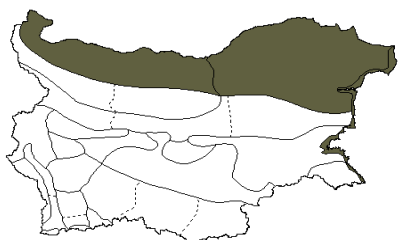


0

Eur

Tanacetum millefolium

(L.) Tzvelev



100

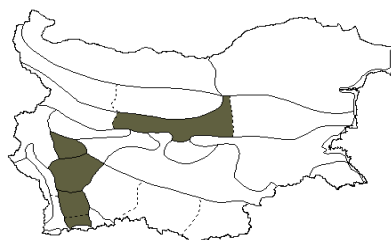


0

Pont

Taraxacum apenninum

(Ten.) Ten.



2800



0

Tanacetum parthenium

(L.) Sch.Bip.



2000

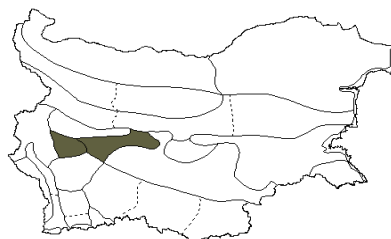


0

Eur-OT

Taraxacum apiculatoides

Malecka



0



0

Bal

Tanacetum vulgare

L.



2000

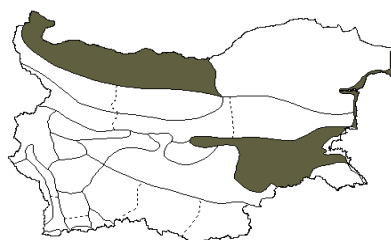


0

Eur-Sib

Taraxacum bessarabicum

(Hornem.) Hand.-Mazz.



500

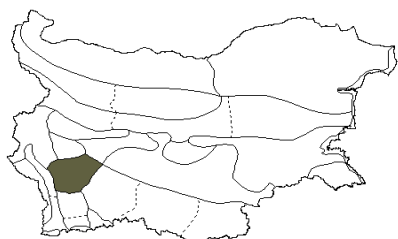


0

Pont-CAs

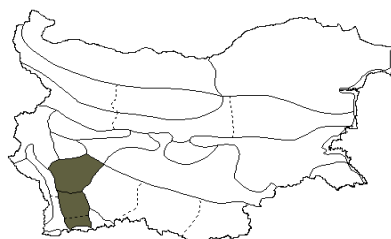
Taraxacum aequilobiforme

v. Soest



Taraxacum bithynicum

DC.



2900

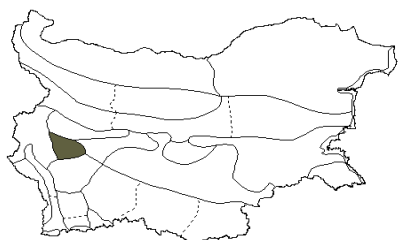


2500

Med

Taraxacum ambitiosum

Kirschner & Štěpánek



0

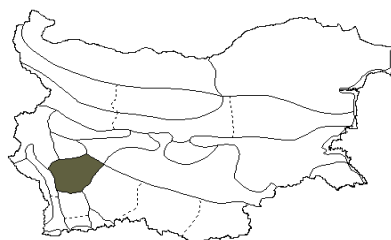


0

Bul

Taraxacum borovezum

Doll



1900

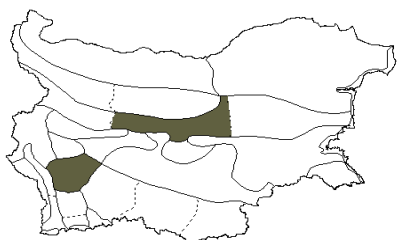


1300

Bul

Taraxacum bulgaricum

Soest



0

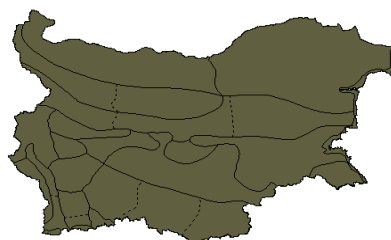


0

Bal

Taraxacum erytrospermum

Andrz. ex Besser



2000

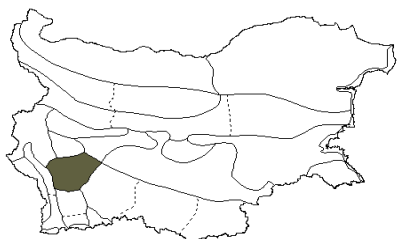


1000

Eur

Taraxacum carinthiacum

v. Soest



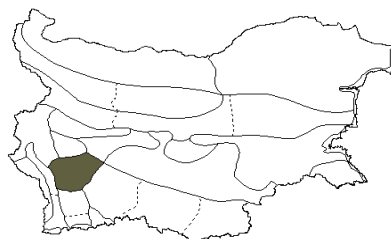
1700



1700

Taraxacum floribundum

Doll



1500

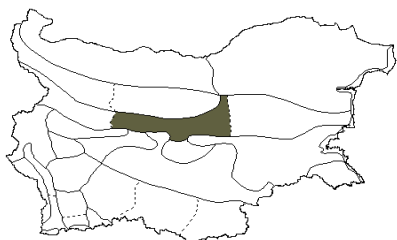


1200

Bul

Taraxacum crassum

H. Øllg. & Trávníček



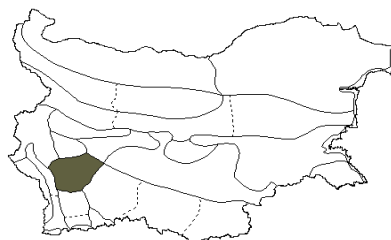
1300



1200

Taraxacum fontanosquameum

v. Soest



2500

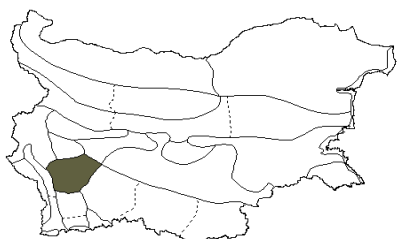


2500

Eur

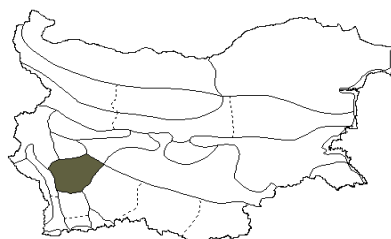
Taraxacum crocellum

v. Soest



Taraxacum fontanum

Hand.-Mazz.



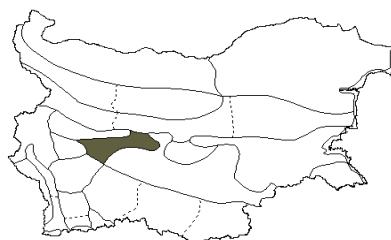
Taraxacum dorhocarpum

Soest



Taraxacum glaucolivaceum

Kirschner & Štěpánek



1000

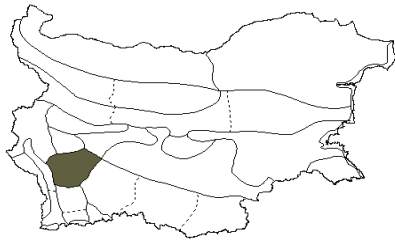


800

Bul

Taraxacum hamosium

Doll

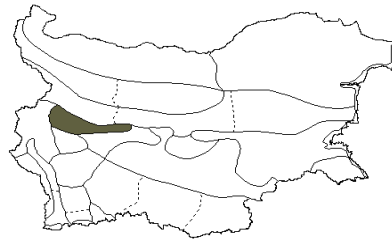


2000
⇕
1500

Bul

Taraxacum lentum

Kirschner & Štěpánek

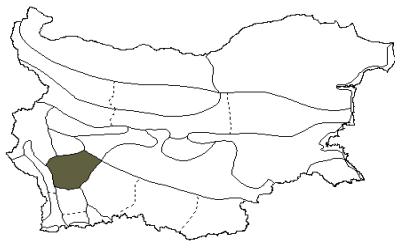


0
⇕
0

Bul

Taraxacum helveticum

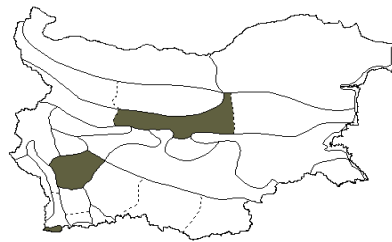
v. Soest



2800
⇕
2000

Taraxacum lividum

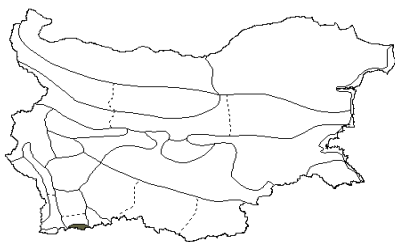
(Waldst. & Kit.) Peterm.



1000
⇕
800

Taraxacum hoppeanum

Griseb.

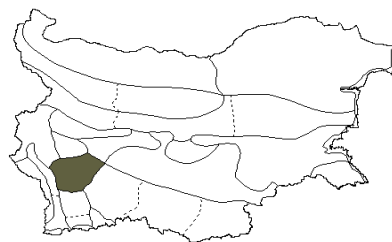


2000
⇕
0

Bal-Dac

Taraxacum malowitzum

Doll

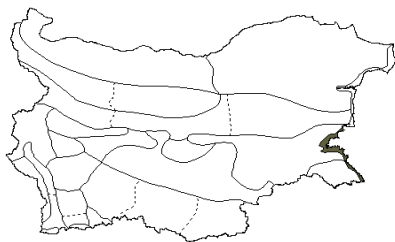


2500
⇕
1700

Bul

Taraxacum hybernum

Steven

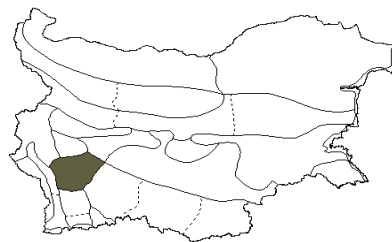


200
⇕
0

Pont

Taraxacum mattmarkense

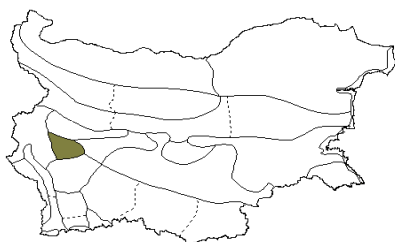
v. Soest



⇕

Taraxacum insolitum

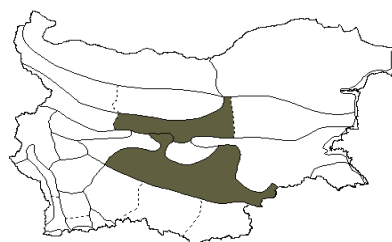
Kirschner, C. E. Sonck & Štěpánek



0
⇕
0

Taraxacum megalorrhizon

(Forssk.) Hand.-Mazz.



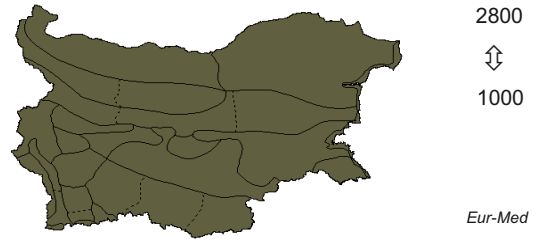
2000
⇕
500

Med

Taraxacum melancholicum
Kirschner & Štěpánek



Taraxacum officinale
L.



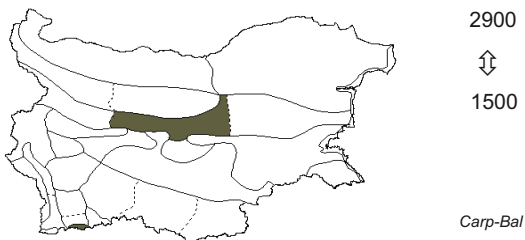
Taraxacum metriocallosum
v. Soest



Taraxacum oostroomii
v. Soest



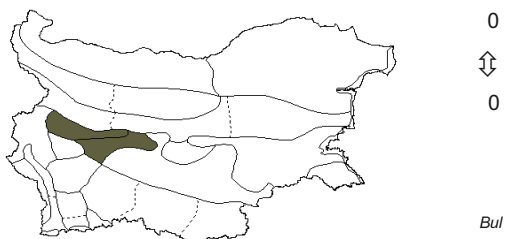
Taraxacum nigricans
(Kit.) Rechb.



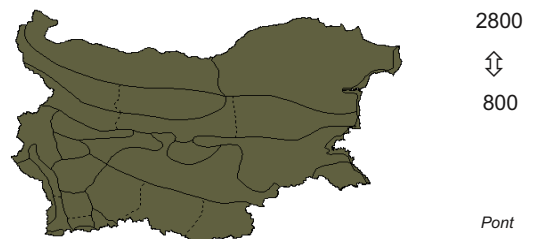
Taraxacum paludosiforme
Doll



Taraxacum obuncum
Kirschner & Štěpánek



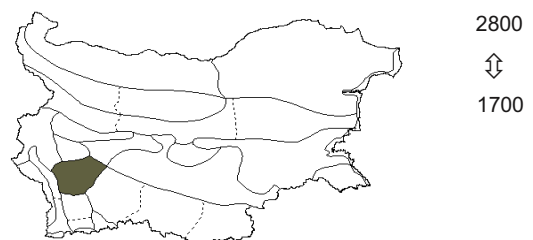
Taraxacum palustre
(Lyons) Symons



Taraxacum ochrospermum
v. Soest

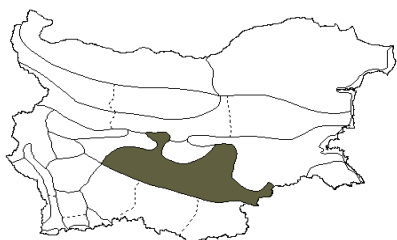


Taraxacum panalpinum
v. Soest



Taraxacum plovdivense

Doll



400

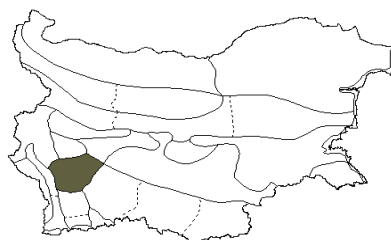


0

Bul

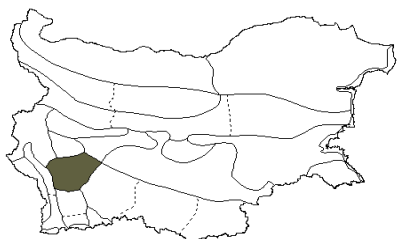
Taraxacum reophilum

v. Soest



Taraxacum poliochloroides

Doll



1000

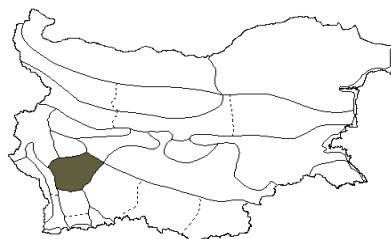


1000

Bul

Taraxacum rhaeticum

v. Soest



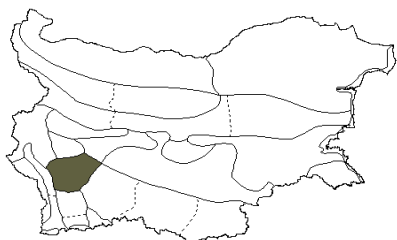
2500



1500

Taraxacum pseudofontanum

v. Soest



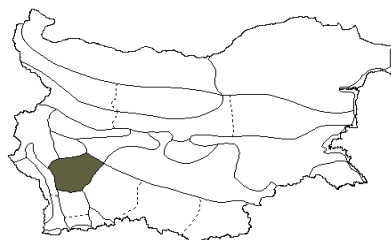
2800



1700

Taraxacum rivale

Doll



1300

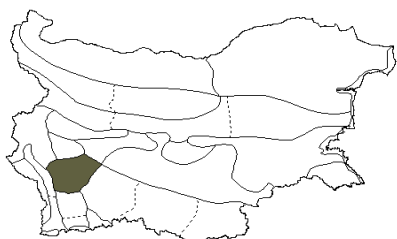


1300

Bul

Taraxacum pseudo-vernelense

Doll



2600

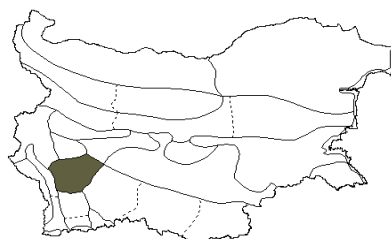


2000

Bul

Taraxacum saasense

v. Soest



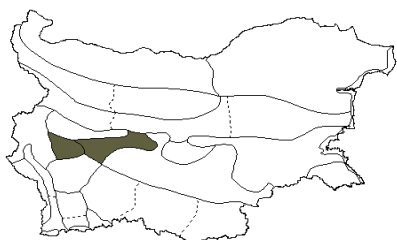
2800



2000

Taraxacum reffectum

Sonck



1200

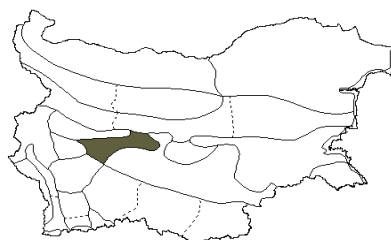


0

Bal

Taraxacum scaturiginosum

G. E. Haglund



1200



800

Taraxacum serotinum

(Waldst. & Kit.) Poir.



2000

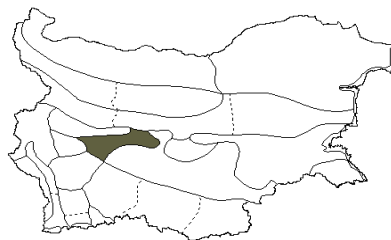


1000

Pont

Taraxacum strictum

Kirschner & Štěpánek



500

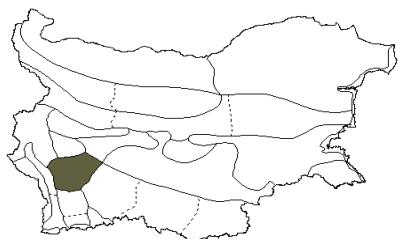


0

Bul

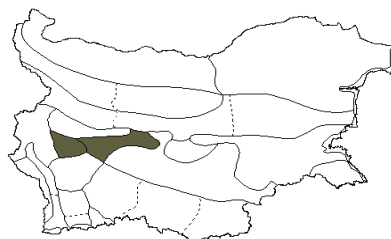
Taraxacum silvicolum

v. Soest



Taraxacum subudum

Kirschner & Štěpánek



1200

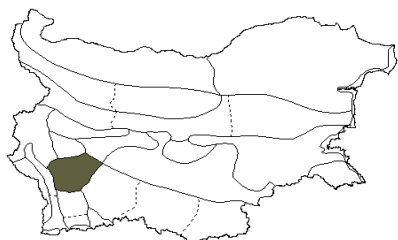


500

Bul

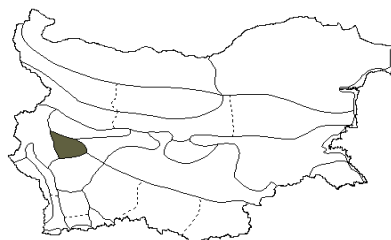
Taraxacum silvrettense

v. Soest



Taraxacum suspectum

Kirschner & Štěpánek



1000

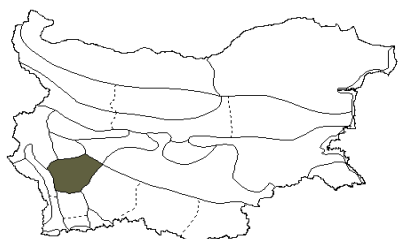


1000

Bul

Taraxacum sitnjakovense

Doll



1700

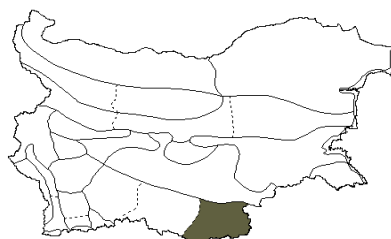


1700

Bul

Taraxacum thracicum

Soest



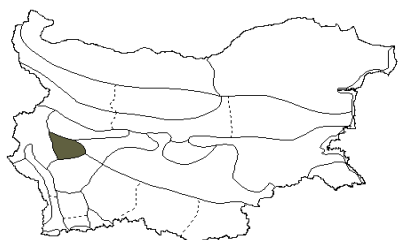
500



0

Taraxacum sophiae

Kirschner & Štěpánek



1200

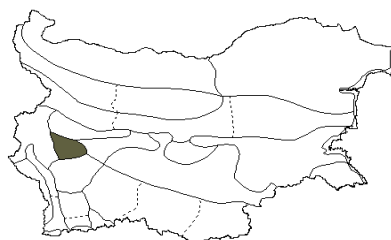


800

Bul

Taraxacum turfosoforme

Kirschner & Štěpánek

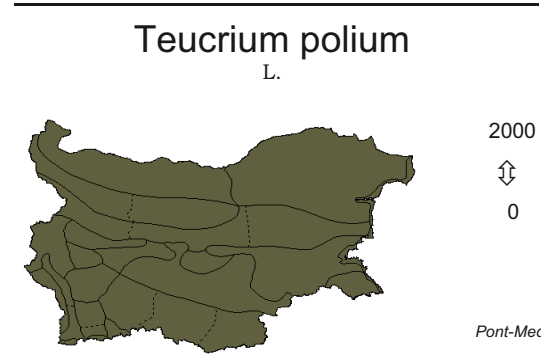
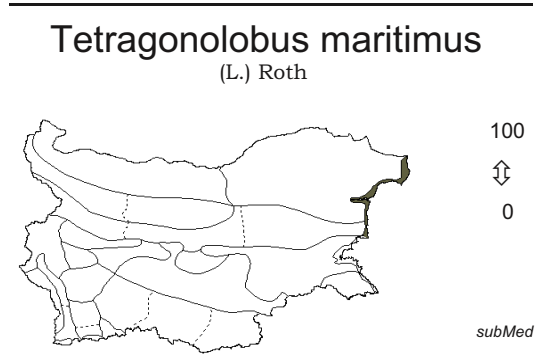
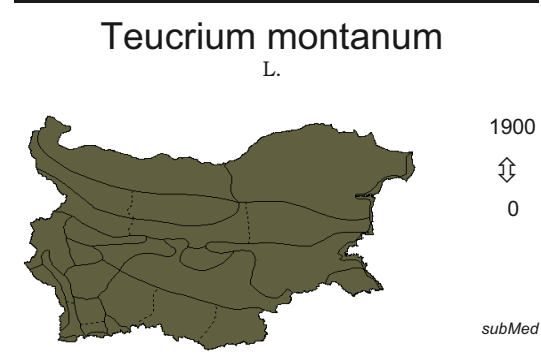
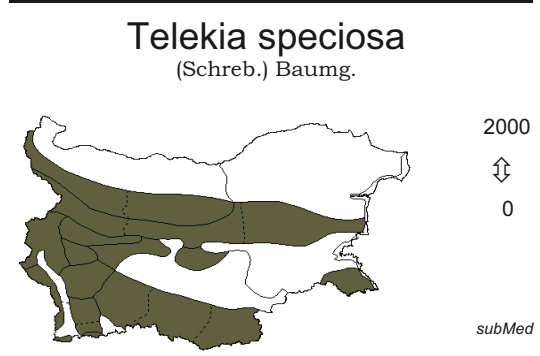
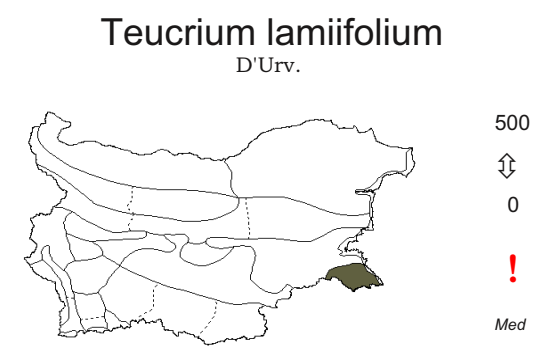
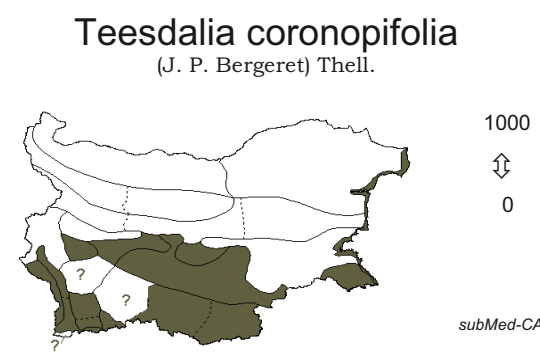
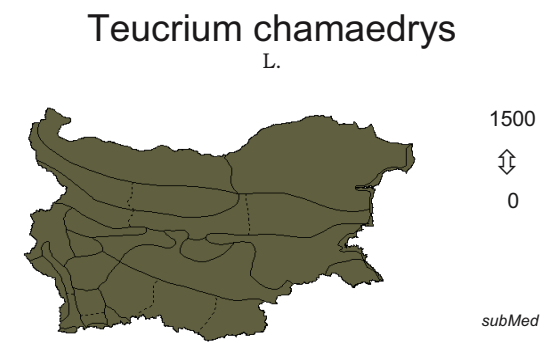
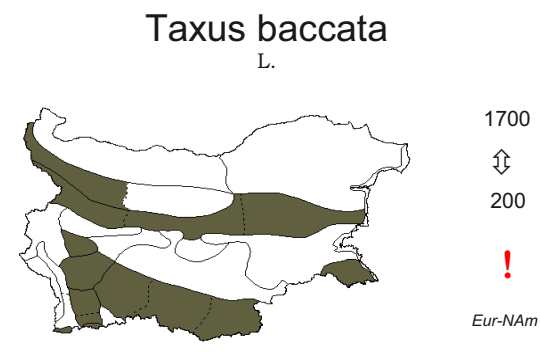
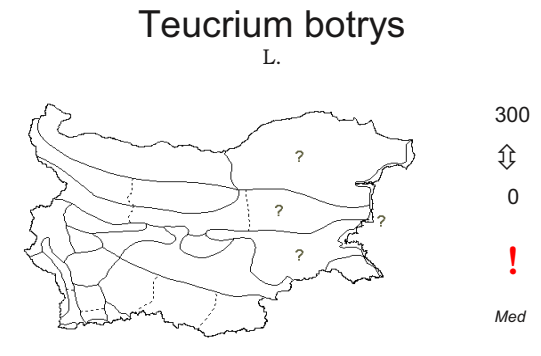
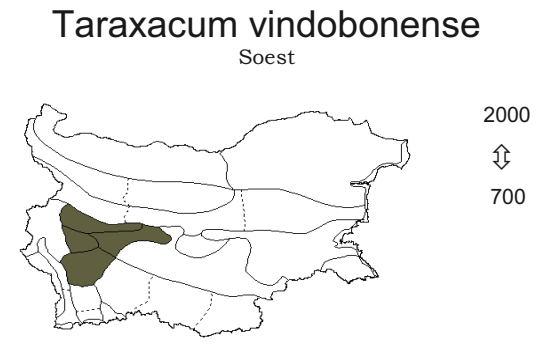


1200



800

Bul



Teucrium scordium

L.



1500

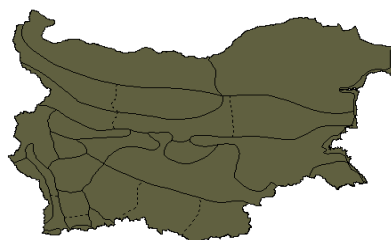


0

subMed

Thalictrum minus

L.



2600

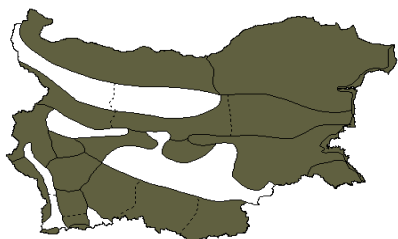


0

Eur-Sib

Thalictrum aquilegifolium

L.



2300

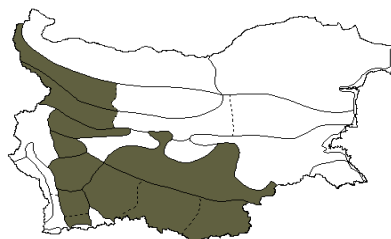


0

Eur-As

Thalictrum simplex

L.



1800

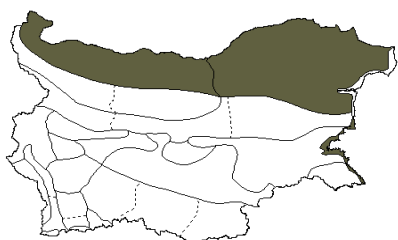


0

Eur-As

Thalictrum flavum

L.



200

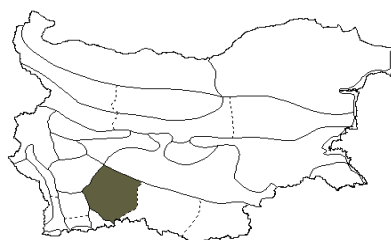


0

Eur-As

Theligonum cynocrambe

L.



1000



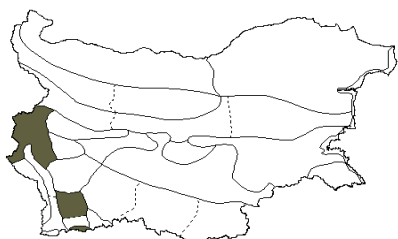
500



Med-CAs

Thalictrum foetidum

L.



700



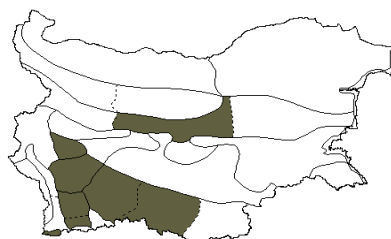
700



Eur-As

Thelypteris phegopteris

(L.) Sloss.



1900



1200

Boreal

Thalictrum lucidum

L.



1100



0

Eur

Thelypteris thelypteroides

(F. Michx.) Holub



1000

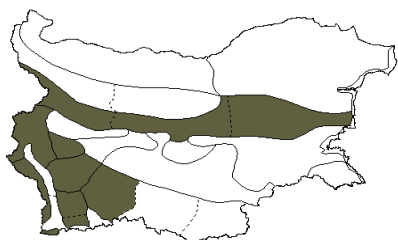


0



Boreal

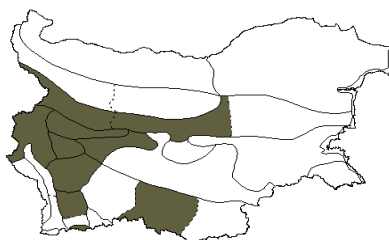
Thesium alpinum
L.



2500
⇕
1500

Eur-Med

Thesium linophyllon
L.



2000
⇕
800

subMed

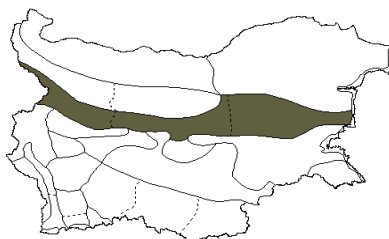
Thesium arvense
Horv.



1100
⇕
0

Med-CAs

Thesium procumbens
C. A. Mey



0
⇕
0

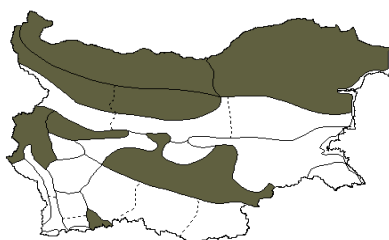
Thesium bavarum
Schrank



2500
⇕
500

subMed

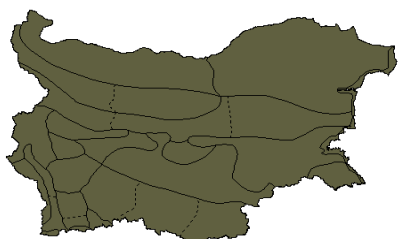
Thesium simplex
Velen.



1200
⇕
0

Bal-Dac

Thesium divaricatum
Jan ex Mert & Koch



1600
⇕
0

Eur-Med

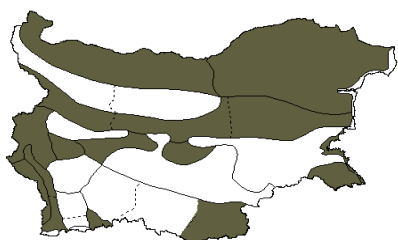
Thlaspi alliaceum
L.



1700
⇕
0

subMed

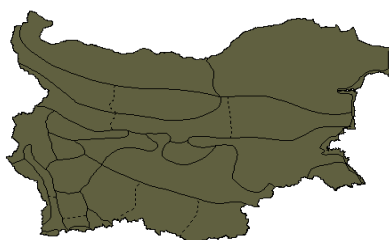
Thesium dollineri
Murb.



1000
⇕
0

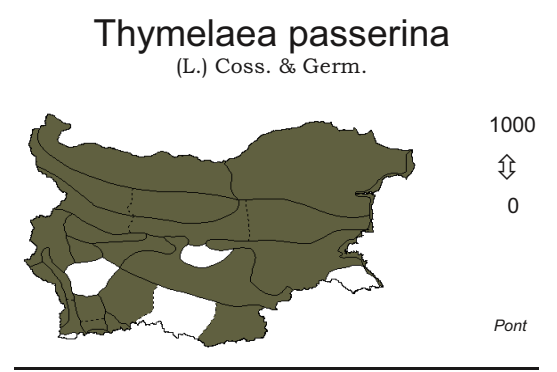
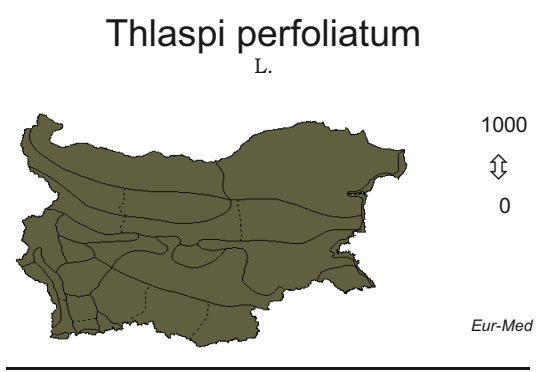
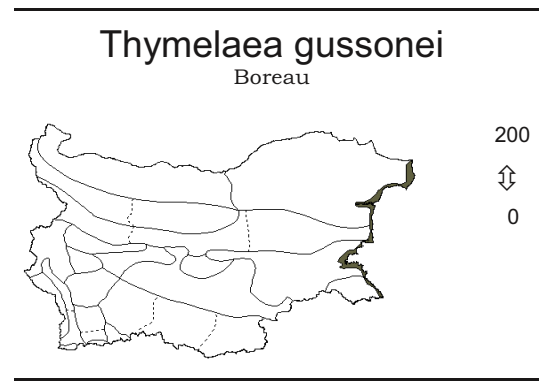
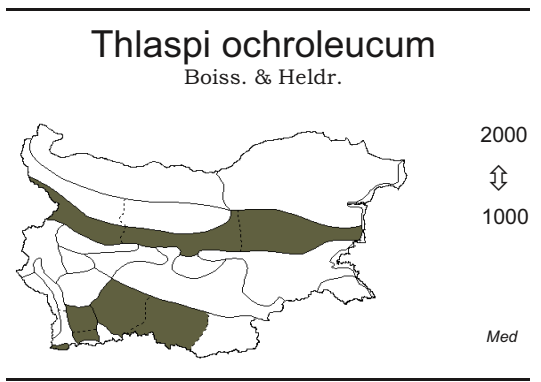
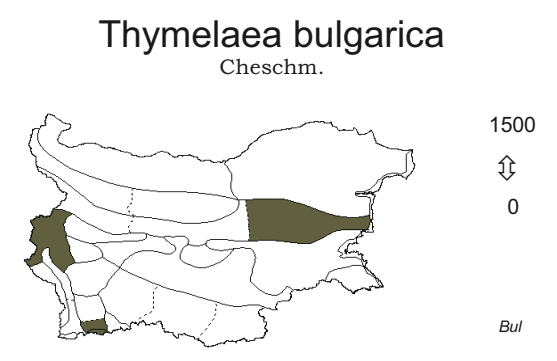
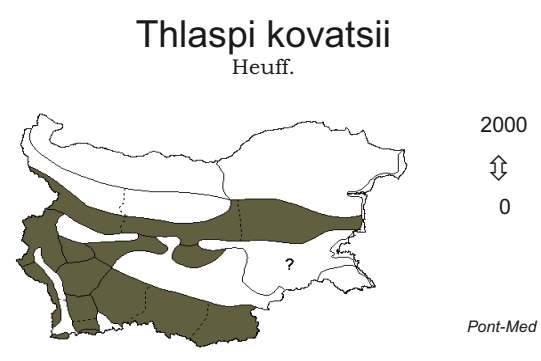
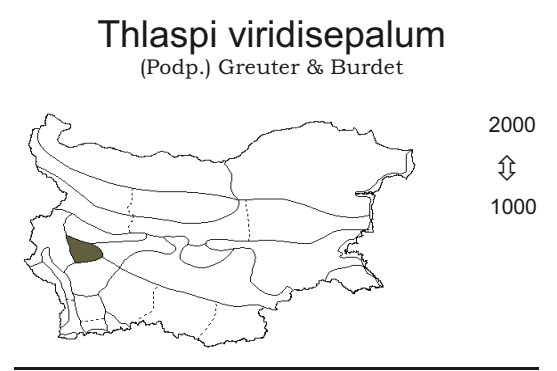
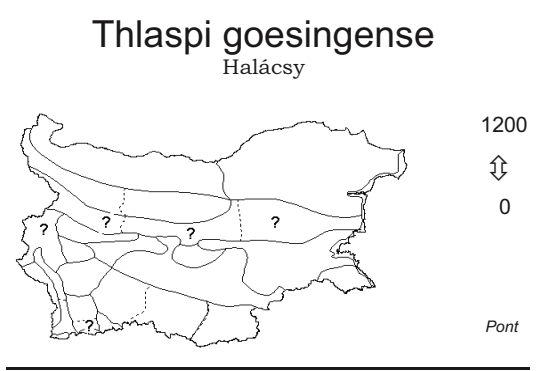
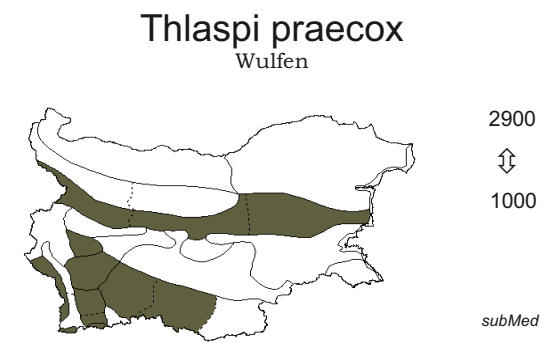
Pont

Thlaspi arvense
L.



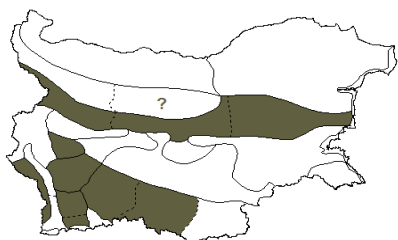
1700
⇕
0

Eur-As



Thymus albanus

Heinr. Braun



2700



1200

Bal

Thymus glabrescens

Willd.



2200

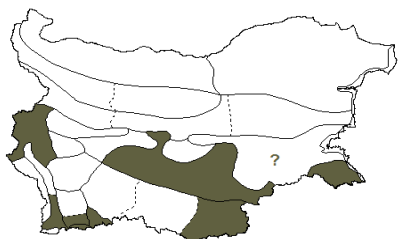


0

Eur

Thymus atticus

Čelak.



900

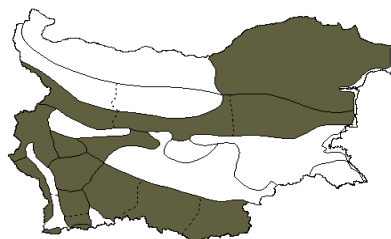


0

Bal-Anat

Thymus jankae

Čelak.



2900

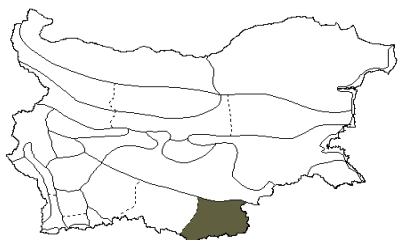


100

subMed

Thymus bracteosus

Vis. ex Benth.



1000



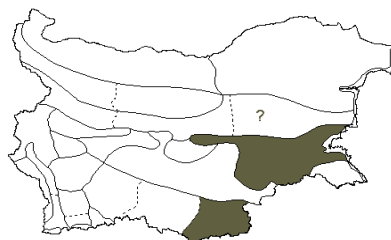
0



Med

Thymus leucotrichus

Halácsy



450



300

Med

Thymus callieri

Borbás ex Velen.



1200

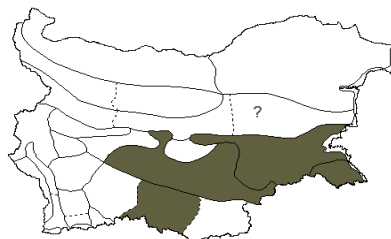


0

Pont

Thymus longedentatus

(Degen & Urum.) Ronniger



400

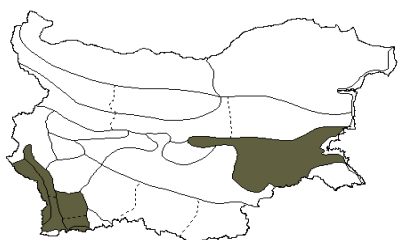


100

Bal

Thymus comptus

Friv.



700

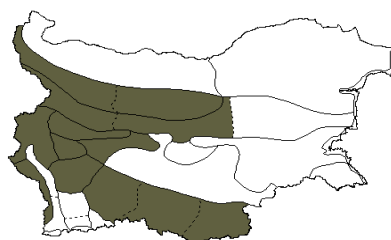


200

Bal

Thymus longicaulis

C. Presl



2200

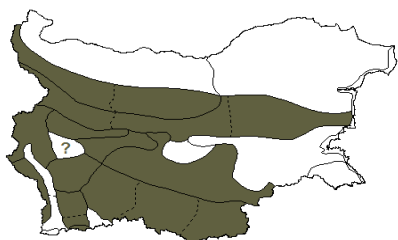


500

Med

Thymus moesiacus

Velen.



2500

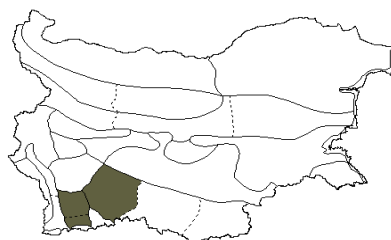


100

Bal-Anat

Thymus stojanovii

Degen



2400



1200



Bal

Thymus pannonicus

All.



1300

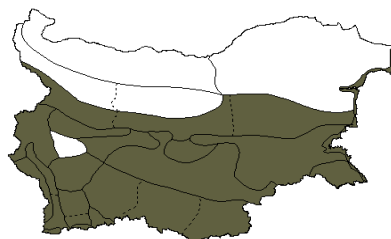


0

Eur

Thymus striatus

Vahl



1800

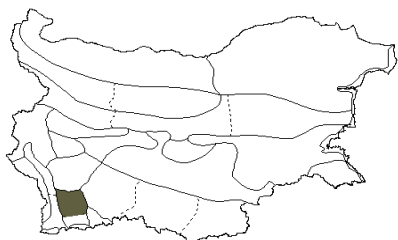


0

subMed

Thymus perinicus

(Velen.) Jalas



2900



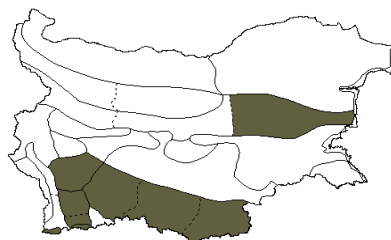
1900



Bul

Thymus thracicus

Velen.



2900



300

subMed

Thymus pulegioides

L.



2000

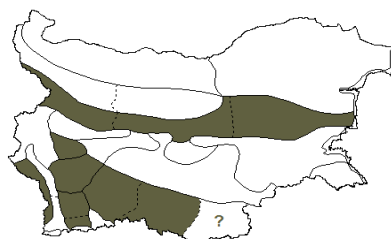


0

Eur

Thymus vandasii

Velen.



2900

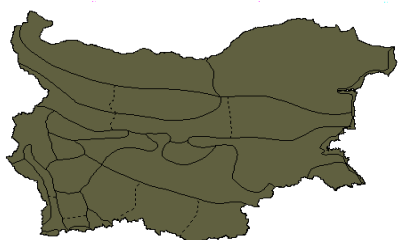


900

Eur-Med

Thymus sibthorpii

Benth.



2000

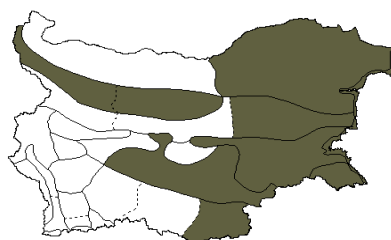


0

Bal-Dac

Thymus zygioides

Griseb.



700



0

subMed

Tilia cordata

Mill.



1500

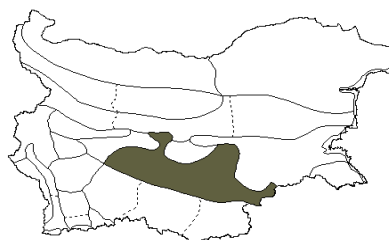


0

Eur

Tordylium apulum

L.



500



0

Med

Tilia platyphyllos

Scop.



1600



500

Eur

Tordylium maximum

L.



1000

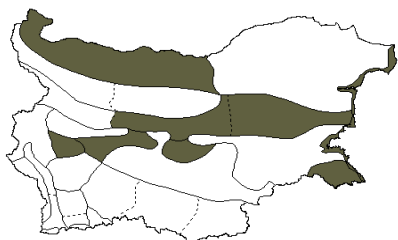


0

subMed

Tilia rubra

DC.



1000

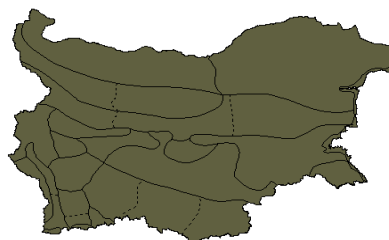


0

Pont

Torilis arvensis

(Hudson) Link



900

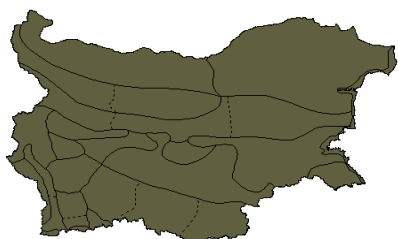


0

Eur-As

Tilia tomentosa

Moench



1500

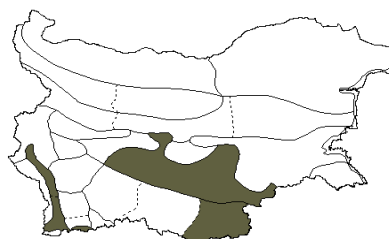


800

Eur-Med

Torilis heterophylla

Guss.



400

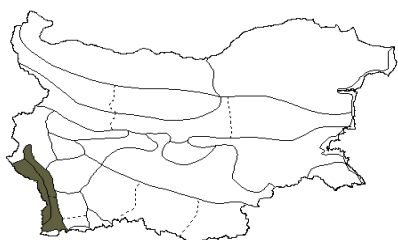


0

Pont-Med

Tolpis barbata

(L.) Gaertn.



1000

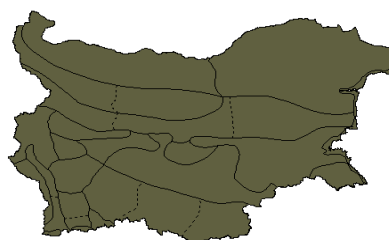


0

Med

Torilis japonica

(Houtt.) DC.



1200

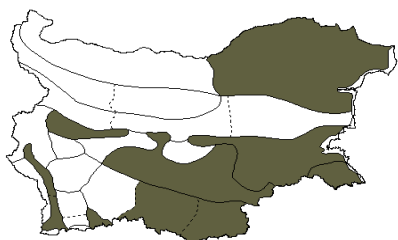


0

Eur-As

Torilis leptophylla

(L.) Rchb. f.



800

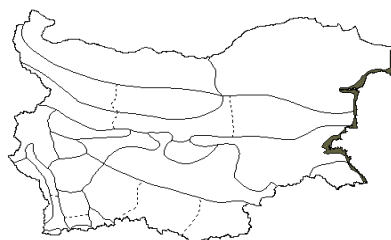


0

Med-CAs

Trachomitum venetum

(L.) Woodson



0



0



Pont-Med

Torilis nodosa

(L.) Gaertn.



600

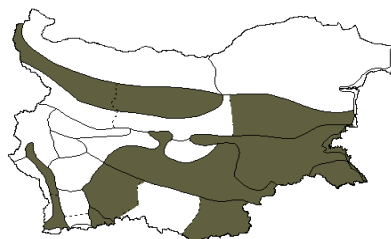


0

Eur-As

Trachynia distachya

(L.) Link



600



0

Med-As

Torilis ucranica

Spreng.



600

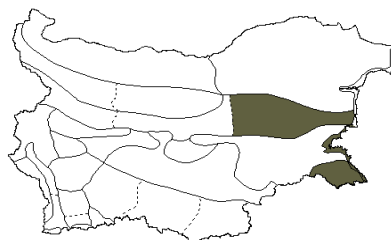


0

SPont

Trachystemon orientalis

(L.) G. Don



1000

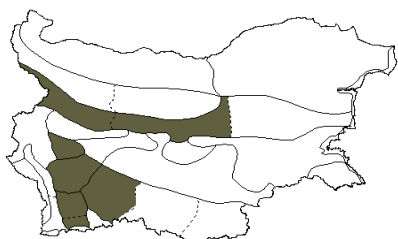


0

SEux

Tozzia carpatica

Waloszcz.



2900



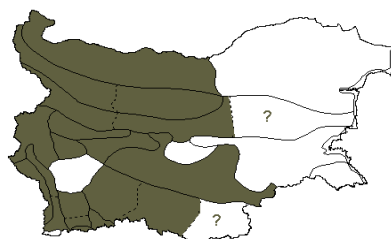
1000



Alp-Med

Tragopogon balcanicum

Velen.



1000

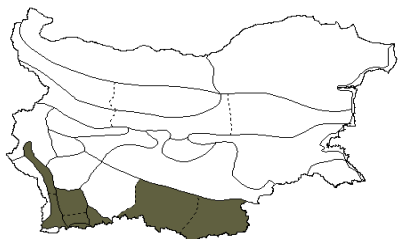


0

Bal-Carp

Trachelium rumelianum

Hampe



1500



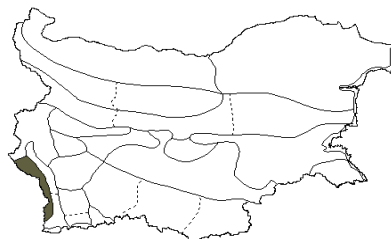
250



Bal

Tragopogon crocifolius

L.



800

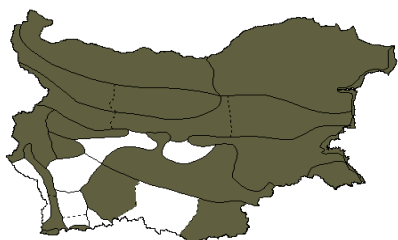


800

Med

Tragopogon dubius

Scop.



1000

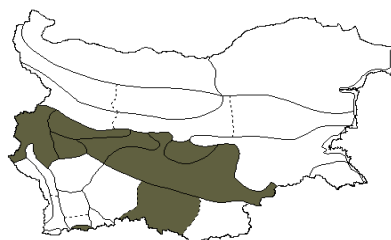


0

Eur-Med

Tragopogon pterodes

Pančić



1500

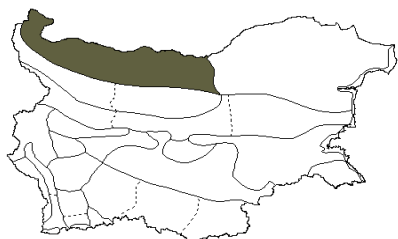


0

Bal-Anat

Tragopogon floccosus

Waldst. & Kit.



200

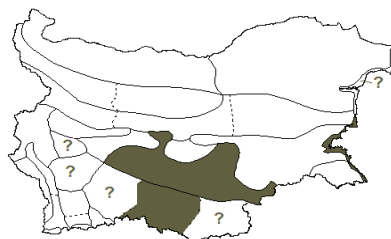


0

Pann

Tragopogon strybrnyi

Hayek



1000

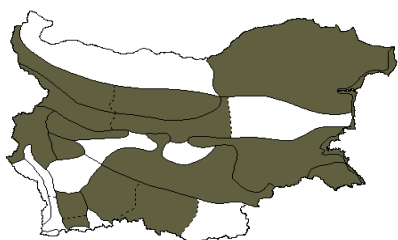


0

Bul

Tragopogon orientalis

L.



1000

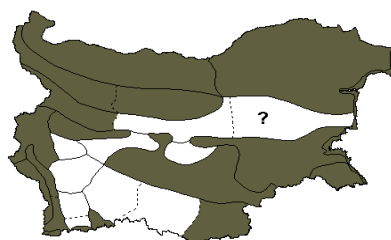


0

Eur-Med

Tragus racemosus

(L.) All.



1300

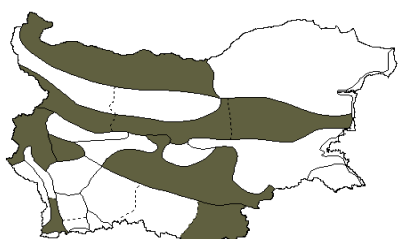


0

subBoreal

Tragopogon porrifolius

L.



1000

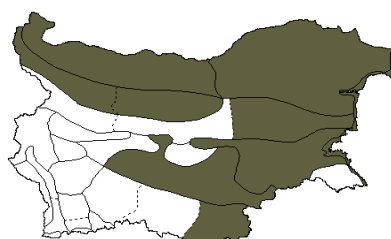


0

Med

Trapa natans

L.



500

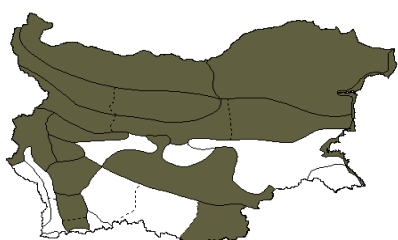


0

Eur-As

Tragopogon pratensis

L.



1000

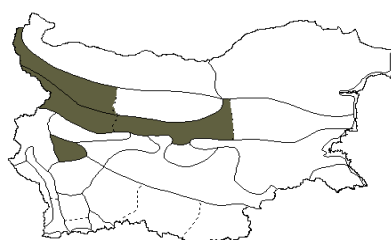


0

Eur-Med

Traunsteinera globosa

(L.) Rchb.

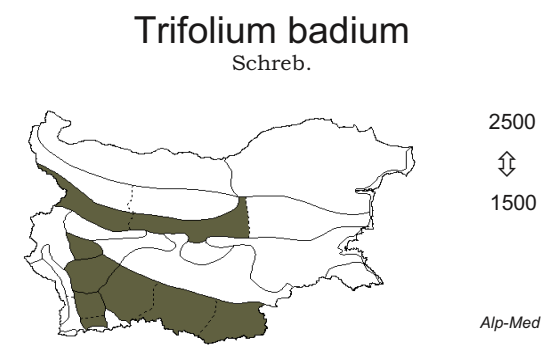
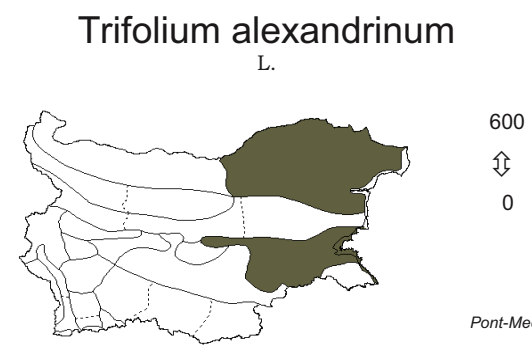
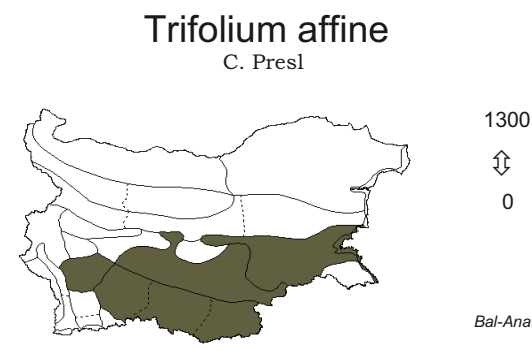
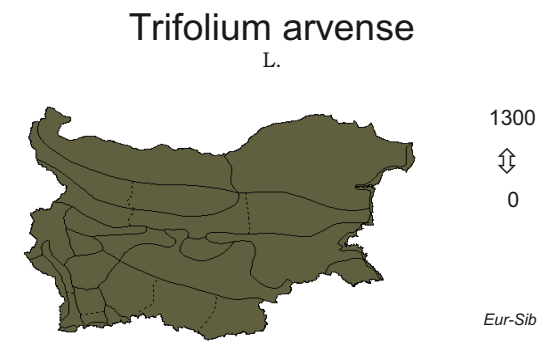
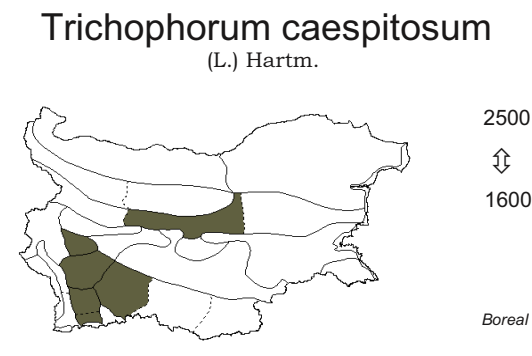
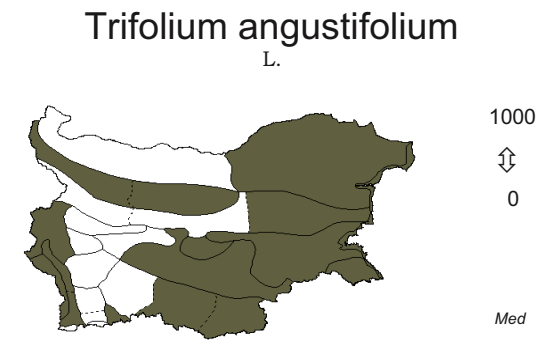
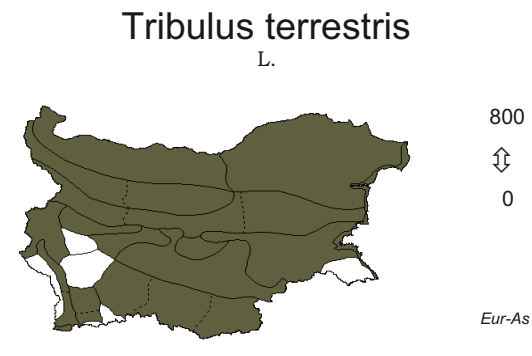
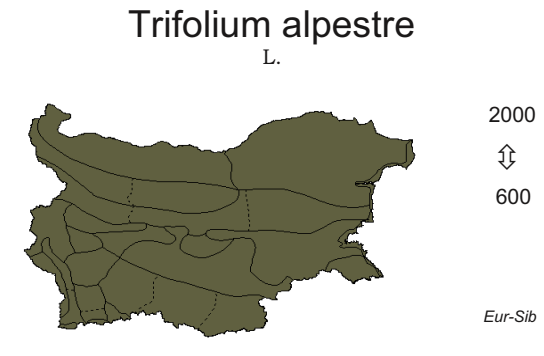
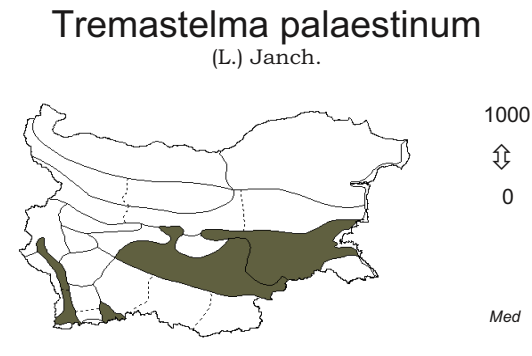


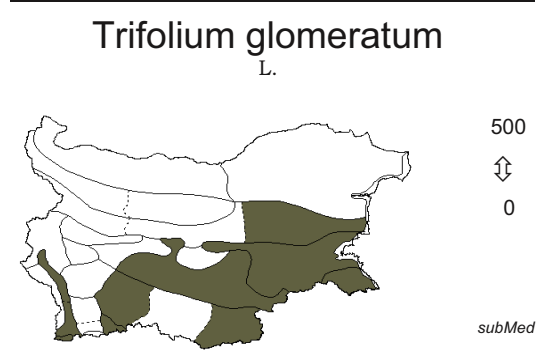
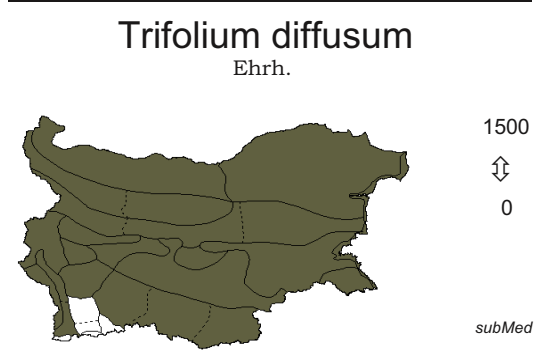
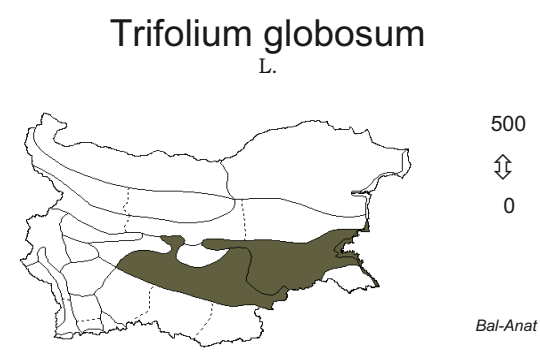
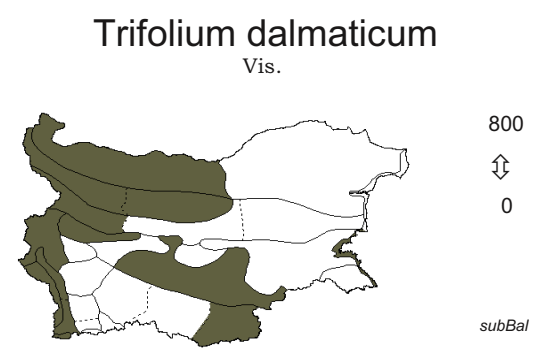
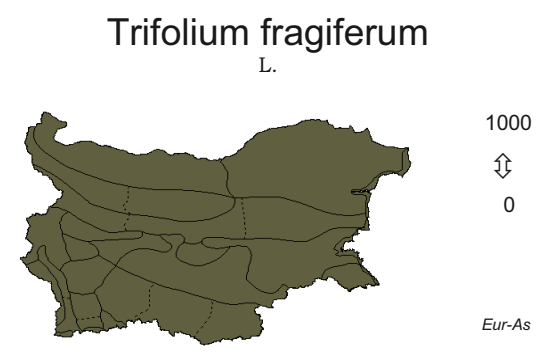
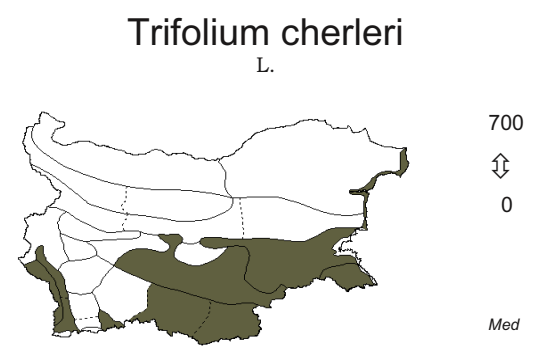
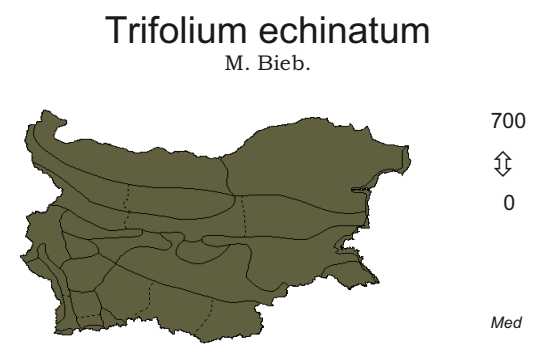
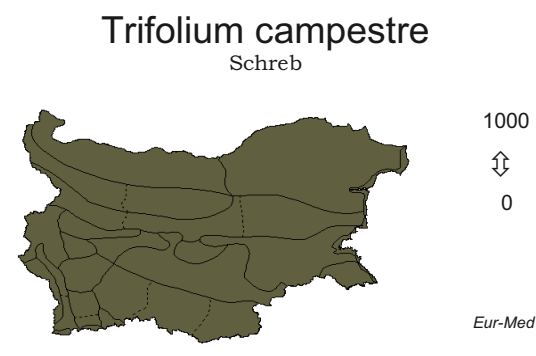
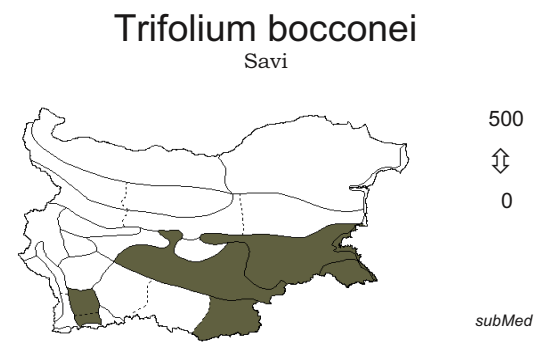
2000



1200

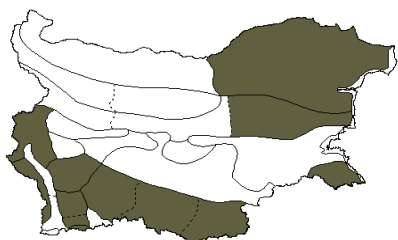
Pont-Med





Trifolium heldreichianum

Hauskn.



1600

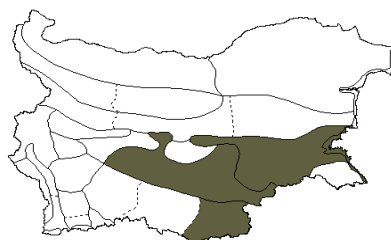


0

Bal-Anat

Trifolium latium

Sebast.



600

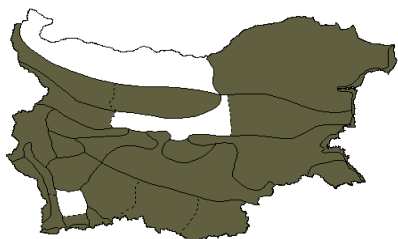


0

Med

Trifolium hirtum

All.



1000

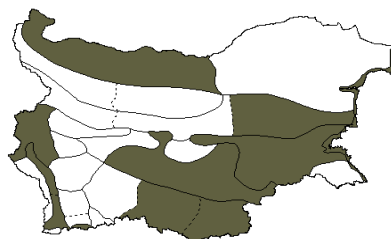


0

Med

Trifolium leucanthum

M. Bieb.



500



0

Pont-Med

Trifolium hybridum

L.



1800

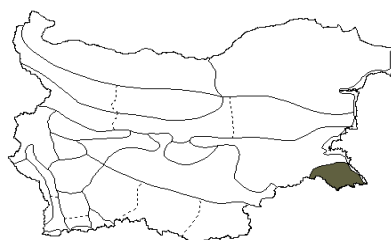


0

Eur-Med

Trifolium ligusticum

Balb. ex Loisel.



500



0

Med

Trifolium incarnatum

L.



1200

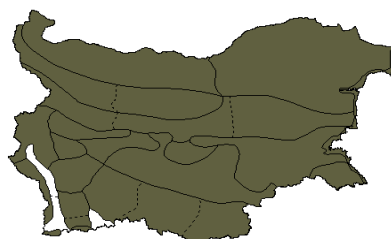


0

subMed

Trifolium medium

L.



1800

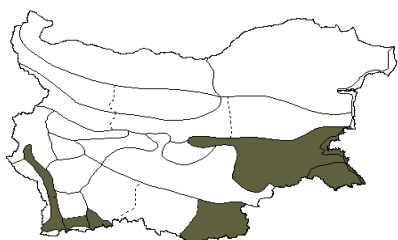


0

Eur-As

Trifolium lappaceum

L.



900

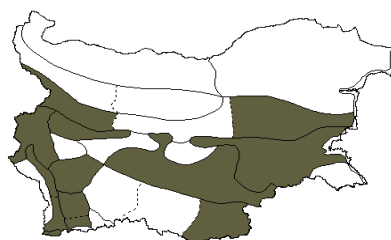


0

Med

Trifolium michelianum

Savi



1300



0

subMed

Trifolium micranthum

Viv.



1000

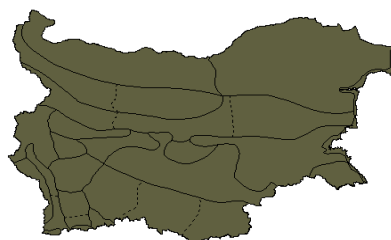


0

Eur-Med

Trifolium pallidum

Waldst. & Kit.



1600



0

subMed

Trifolium montanum

L.



2000



0

SPont

Trifolium pannonicum

Jacq.



1500

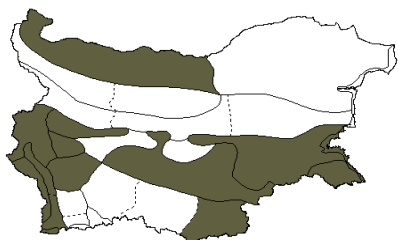


0

subMed

Trifolium nigrescens

Viv.



1000



0

Pont-Med

Trifolium patens

Schreb.



2200

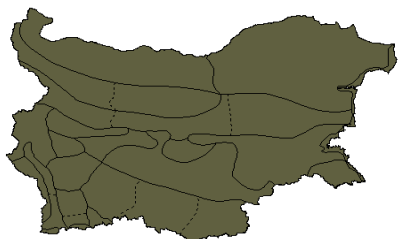


0

subMed

Trifolium ochroleucon

Huds.



1600

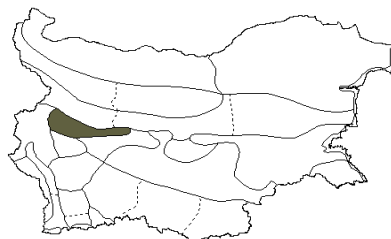


0

Eur

Trifolium phleoides

Pourret ex Willd.



700

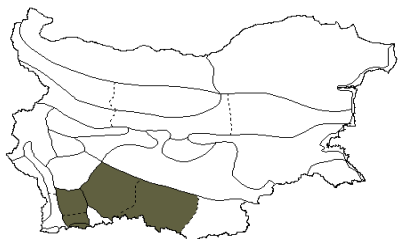


0

Pont-Med

Trifolium pallescens

Schreb.



1800

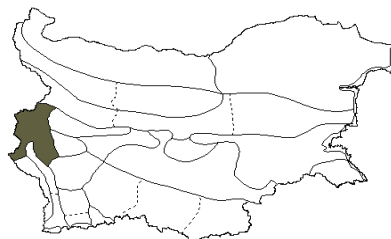


800

subMed

Trifolium physodes

Steven ex M. Bieb.



500

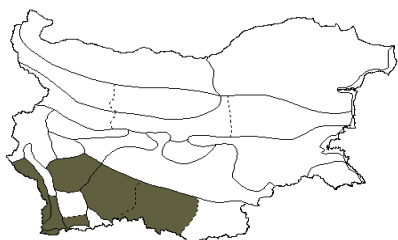


0

Med

Trifolium pignantii

Fauché & Chaub.



1500

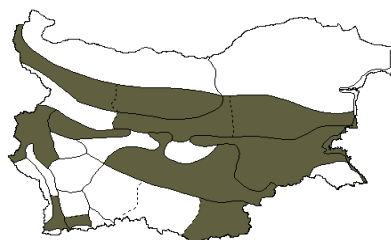


0

Bal

Trifolium retusum

L.



1200

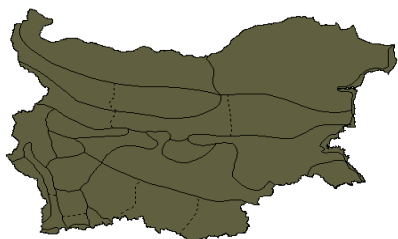


0

Med

Trifolium pratense

L.



2200

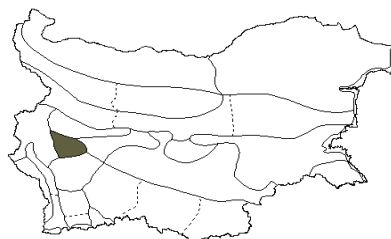


0

subBoreal

Trifolium rubens

L.



800

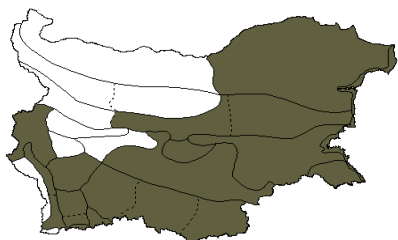


0

Pont-Med

Trifolium purpureum

Loisel.



1100

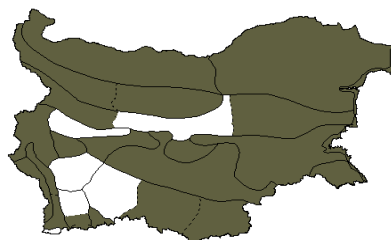


0

Med

Trifolium scabrum

L.



800

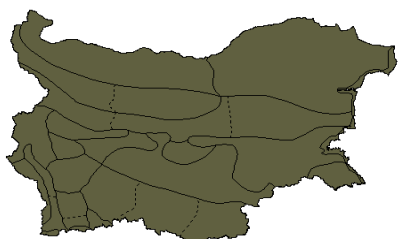


0

Med-As

Trifolium repens

L.



2800

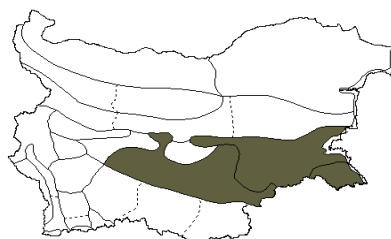


0

Eur-Sib

Trifolium sebastianii

Savi



300



0

Med

Trifolium resupinatum

L.



800

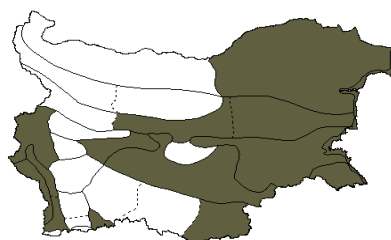


0

Med

Trifolium setiferum

Boiss.



800

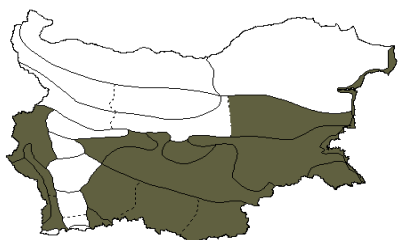


0

Med

Trifolium smyrnaeum

Boiss.



900

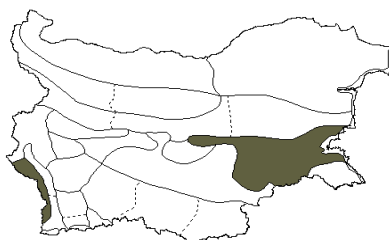


0

Med

Trifolium squarrosum

L.



500

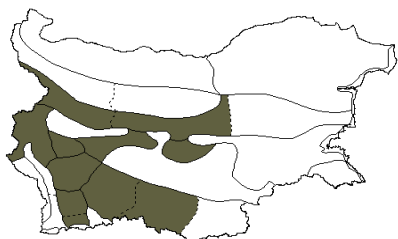


0

Med

Trifolium spadiceum

L.



2200

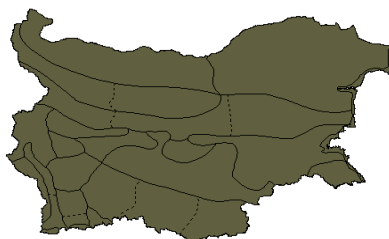


0

subMed

Trifolium striatum

L.



1000

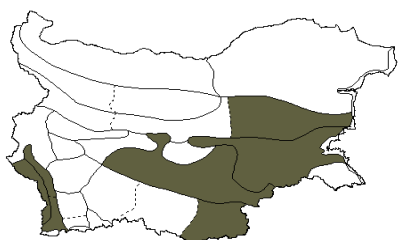


0

Eur-Med

Trifolium speciosum

Willd.



800

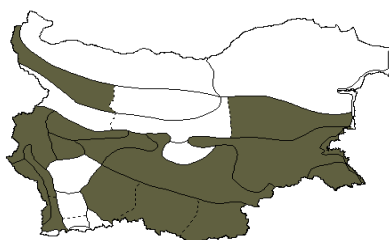


0

Pont-Med

Trifolium strictum

L.



800

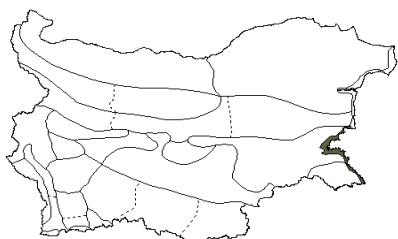


0

Eur-Sib

Trifolium spumosum

L.



100

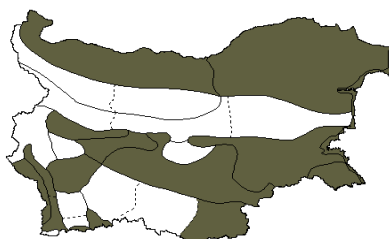


0

Med

Trifolium subterraneum

L.



500

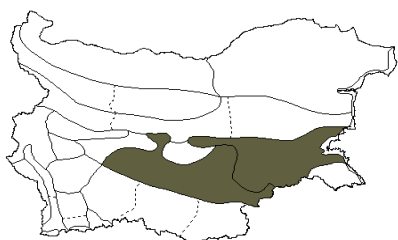


0

subMed

Trifolium squamosum

L.



500

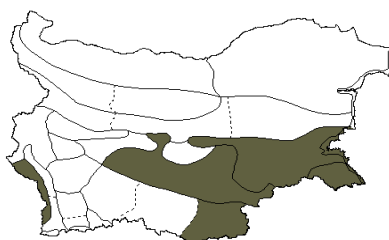


0

Pont-Med

Trifolium suffocatum

L.

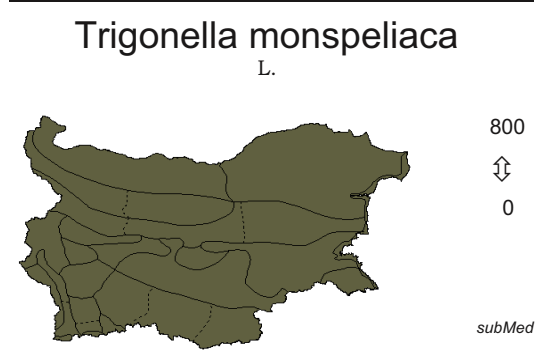
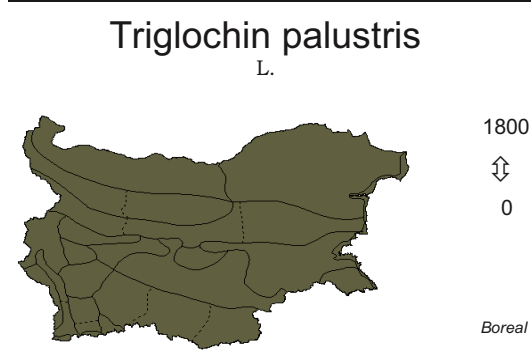
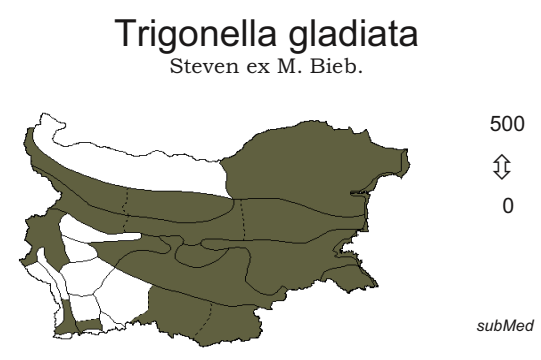
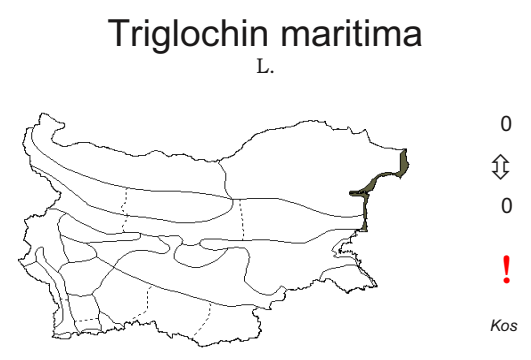
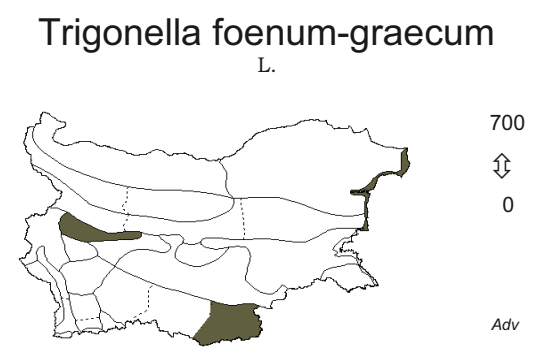
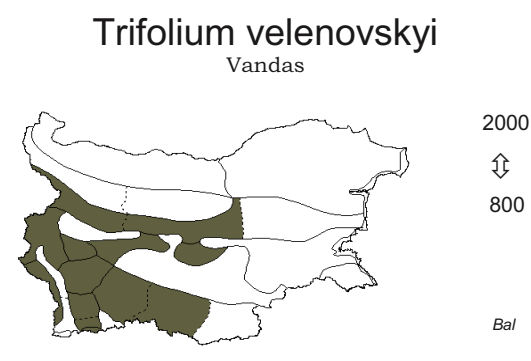
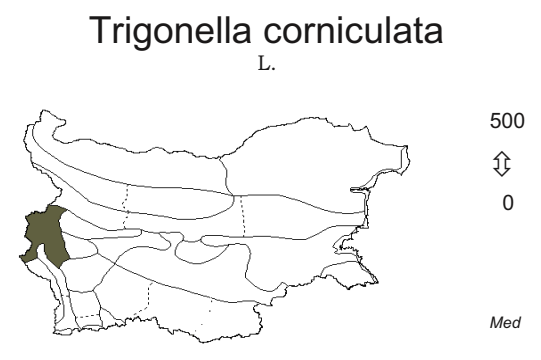
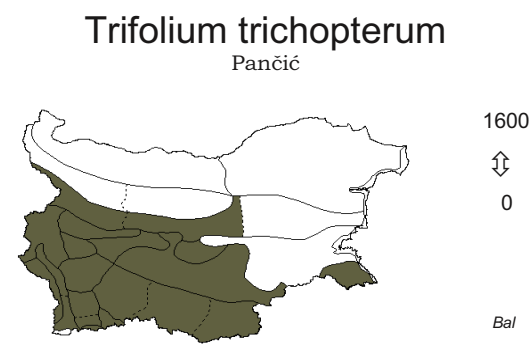
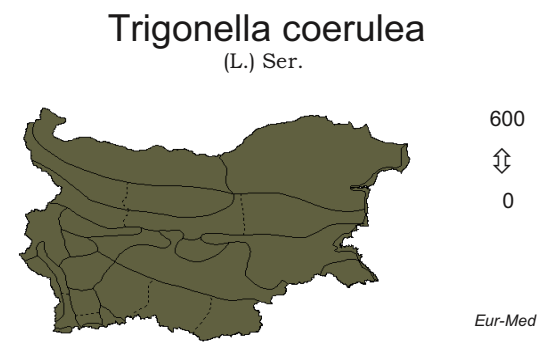
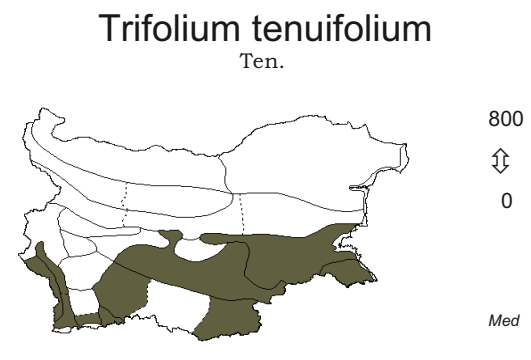


500



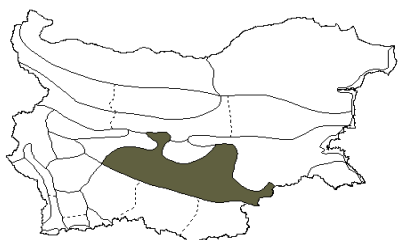
0

subMed



Trigonella orthoceras

Kar. & Kir.



150

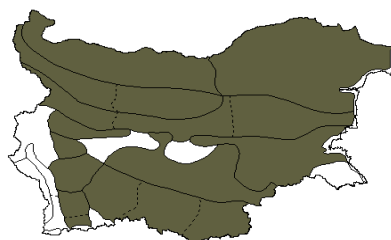


0

Pont-Sib

Trinia ramosissima

(Fisch. ex Trev.) Koch



1200



0

Eur

Trigonella procumbens

(Besser) Rchb.



1000

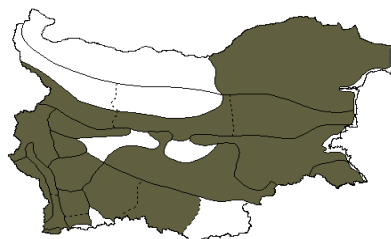


0

Pont-Med

Trisetum flavescens

(L.) P. Beauv.



2400

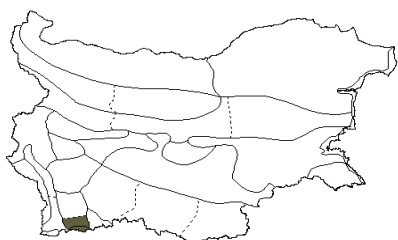


0

Boreal

Trigonella spicata

Sm.



200

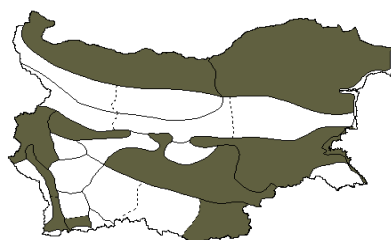


0

Pont-Med

Triticum baeoticum

Boiss.



500

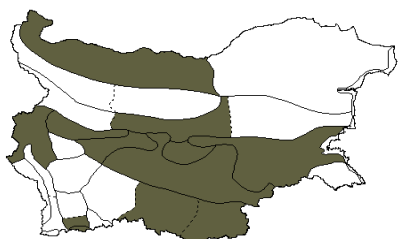


0

Pont

Trigonella striata

L.



800

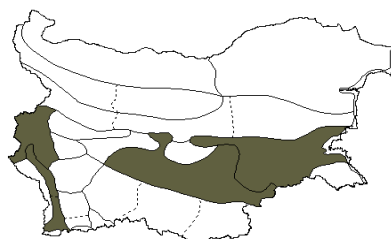


0

Pont-Bal

Triticum monococcum

L.



300



0

Adv (subMed)

Trinia glauca

(L.) Dumort.



2000



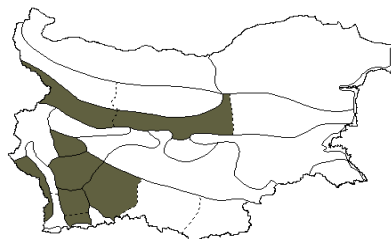
0



subMed

Trollius europaeus

L.



2900

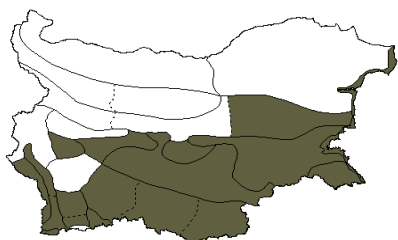


1900



Boreal

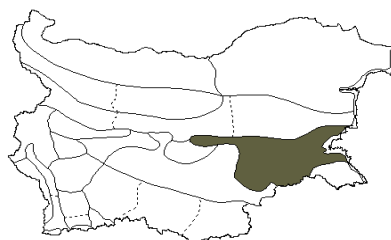
Tuberaria guttata
(L.) Fourr.



700
⇕
0

subMed

Tulipa splendens
Delip.

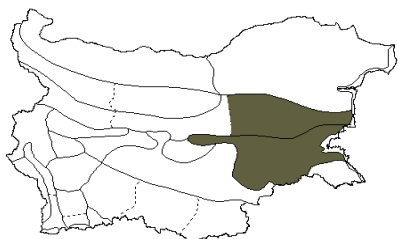


200
⇕
0

!

Bul

Tulipa aureolina
Delip.

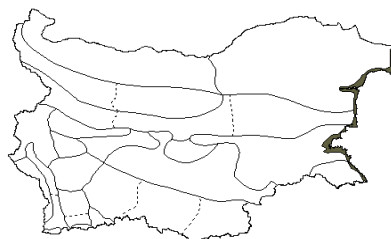


100
⇕
0

!

Bul

Tulipa thracica
Davidov

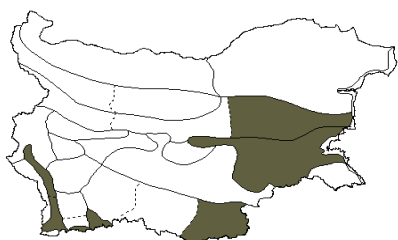


100
⇕
0

!

Bal-Anat

Tulipa australis
Link

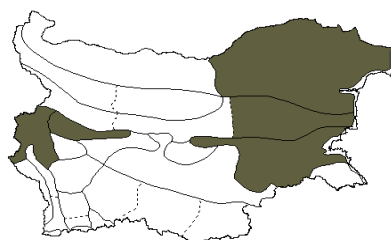


1500
⇕
0

!

subMed

Tulipa urumoffii
Hayek

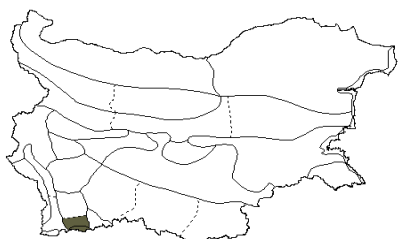


1000
⇕
0

!

Bul

Tulipa pirinica
Delip.

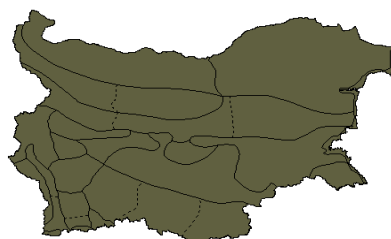


1300
⇕
800

!

Bul

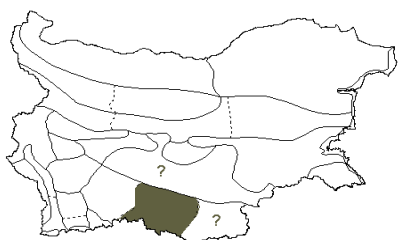
Turgenia latifolia
(L.) Hoffm.



1300
⇕
0

Eur-As

Tulipa rhodopea
Velen.

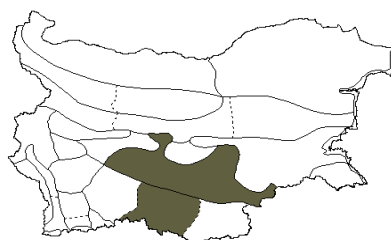


1800
⇕
0

!

Bul

Turgeniopsis foeniculacea
(Fenzl) Boiss.



300
⇕
0

!

Med

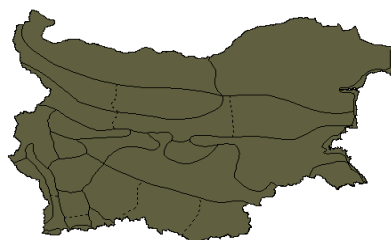
Tussilago farfara
L.



1500
⇕
0

Eur-As

Typha schuttleworthii
Koch & Sond.



1500
⇕
0



Kos

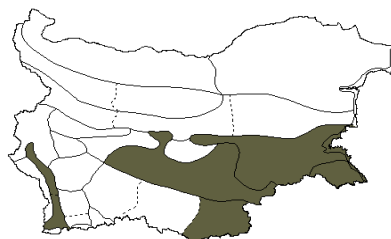
Typha angustifolia
L.



1000
⇕
0

Kos

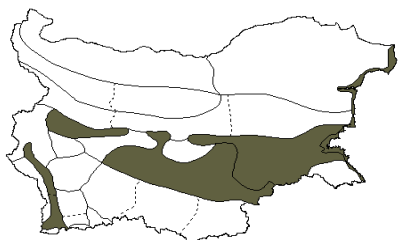
Tyrimnus leucographus
(L.) Cass.



1000
⇕
0

Med

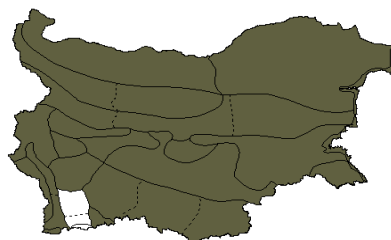
Typha domingensis
(Pers.) Steud.



500
⇕
0

SEur

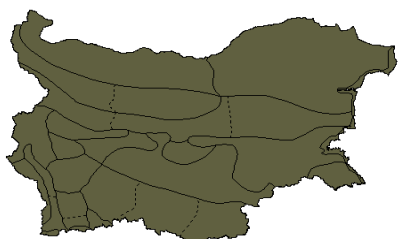
Ulmus glabra
Huds.



1500
⇕
500

Eur-Med

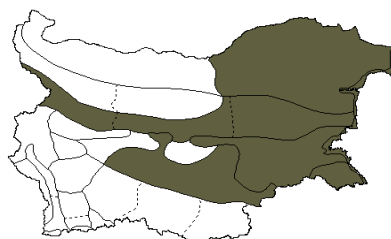
Typha latifolia
L.



1500
⇕
0

Kos

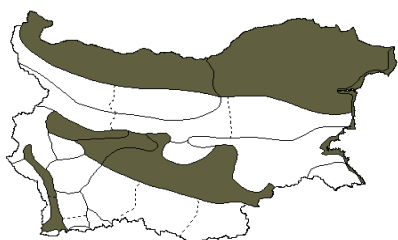
Ulmus laevis
Pall.



700
⇕
0

Eur-Med

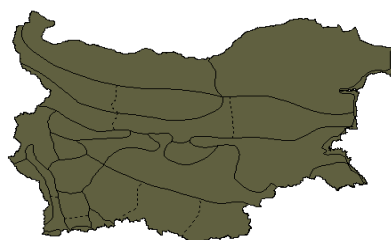
Typha laxmanii
Lepech.



300
⇕
0

Med-As

Ulmus minor
Mill.

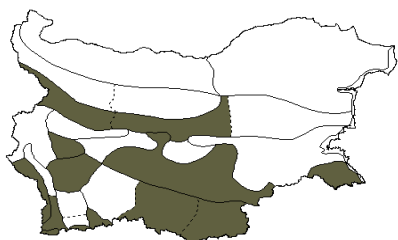


700
⇕
0

Eur-Med

Umbilicus erectus

DC.



1500

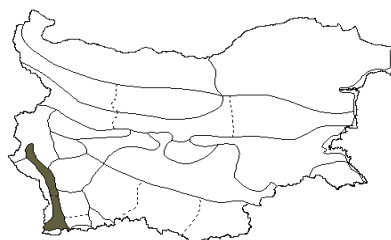


0

Med

Urtica pilulifera

L.



300

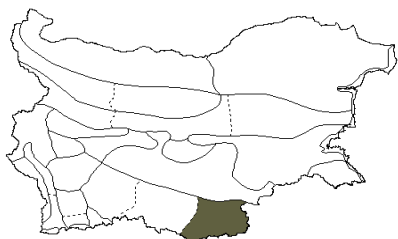


300

Med

Umbilicus horizontalis

(Guss.) DC.



300



0

Med

Urtica urens

L.



1700

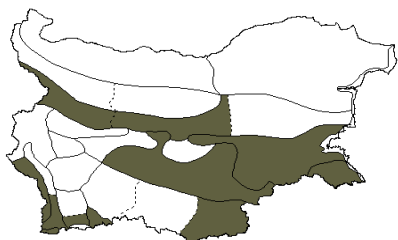


0

Boreal

Umbilicus rupestris

(Salisb.) Dandy



800

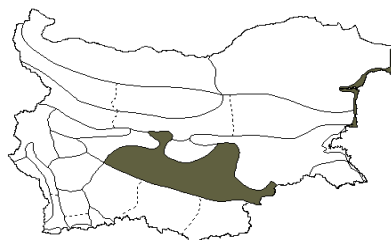


0

subMed

Utricularia australis

R. Br.



200



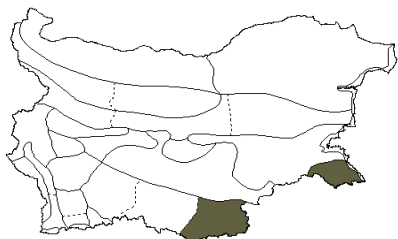
0



Kos

Urospermum picroides

(L.) Scop. ex F. W. Schmidt



300



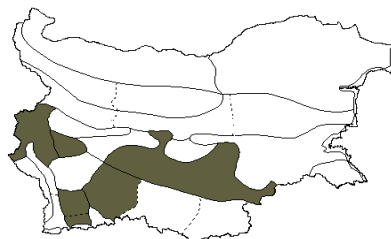
0



Med-OT

Utricularia minor

L.



2800



200



subBoreal

Urtica dioica

L.



1700

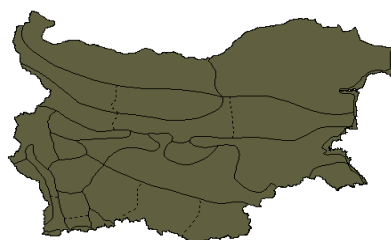


0

Boreal

Utricularia vulgaris

L.



2000



0

subBoreal

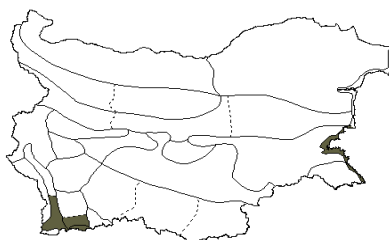
Vaccaria hispanica
(Mill.) Rasch.



1200
⇕
0

Kos

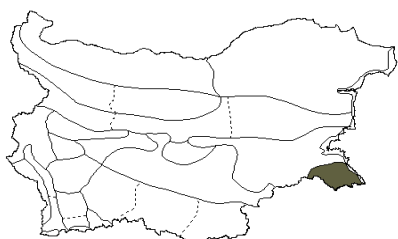
Valeriana dioscoridis
Sm.



400
⇕
0

Pont-Med

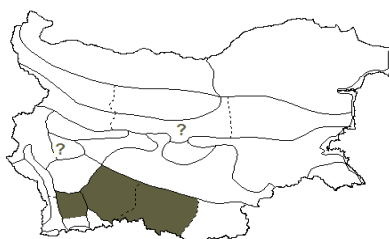
Vaccinium arctostaphylos
L.



300
⇕
150
!

Pont

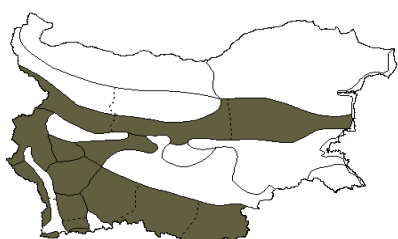
Valeriana montana
L.



1800
⇕
1300

Alp-Carp-Bal

Vaccinium myrtillus
L.



2200
⇕
1000

Boreal

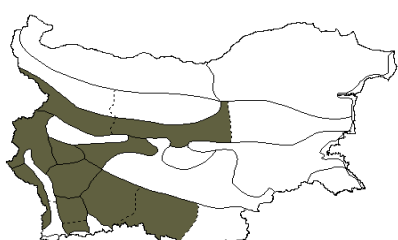
Valeriana officinalis
L.



2200
⇕
100

Eur-Sib

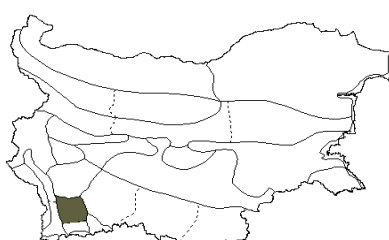
Vaccinium uliginosum
L.



2500
⇕
1700

Boreal

Valeriana simplicifolia
(Rchb.) Kabath

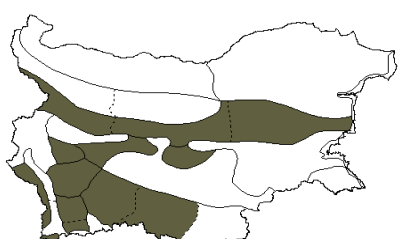


1400
⇕
1300

!

Eur

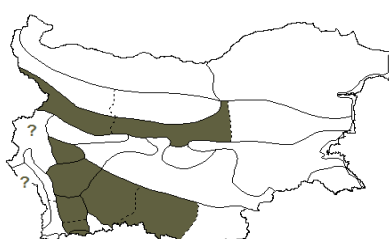
Vaccinium vitis-idaea
L.



2000
⇕
700

Boreal

Valeriana tripteris
L.

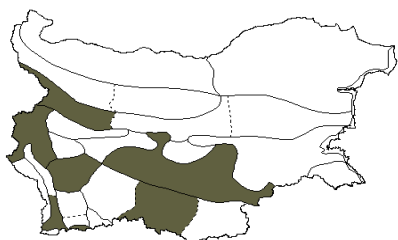


2400
⇕
900

Eur

Valeriana tuberosa

L.



1500

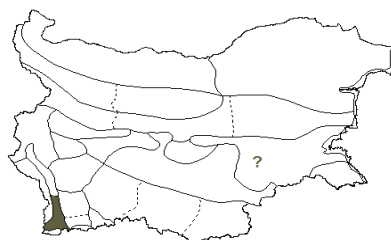


700

Med-CAs

Valerianella discoidea

(L.) Loisel.



300

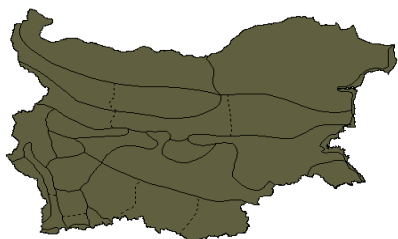


0

Med

Valerianella carinata

Loisel.



1300

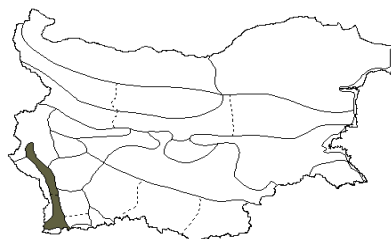


0

Eur-Med

Valerianella eriocarpa

Desv.



500



0

Med

Valerianella coronata

(L.) DC.



900

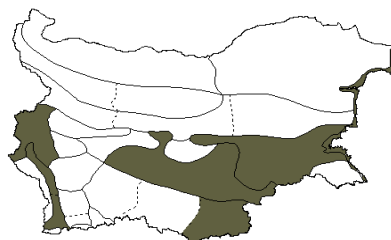


0

Eur-Med

Valerianella kotschyi

Boiss.



300

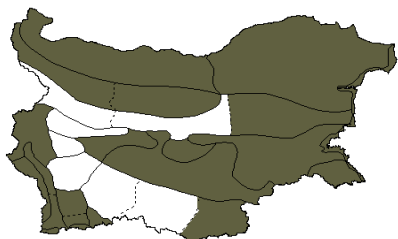


0

Pont-CAs

Valerianella costata

(Steven) Betcke



900

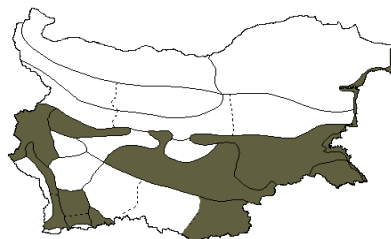


0

Pont-Med

Valerianella lasiocarpa

(Steven) Betcke



700



500

subMed

Valerianella dentata

(L.) Poll.



1000



0

Eur-Med

Valerianella locusta

(L.) Laterr.



900

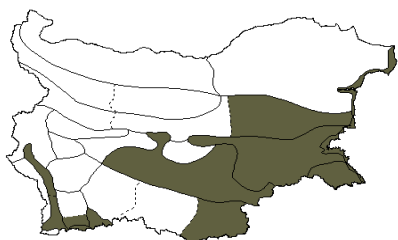


0

Eur-Med

Valerianella microcarpa

Loisel.



700

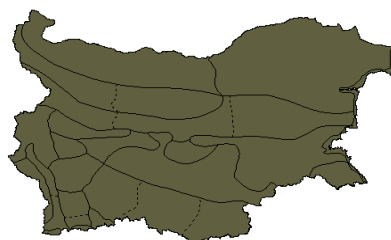


0

Eur-Med

Valerianella turgida

(Steven) Betsche



1000

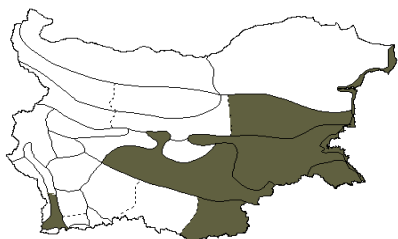


0

subMed

Valerianella muricata

(Steven ex M. Bieb.) Loudon



500

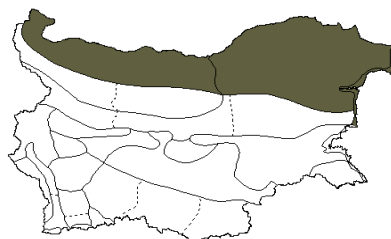


0

Med-CAs

Vallisneria spiralis

L.



100

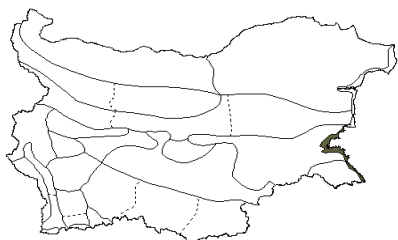


0

Boreal

Valerianella pontica

Lipsky



300

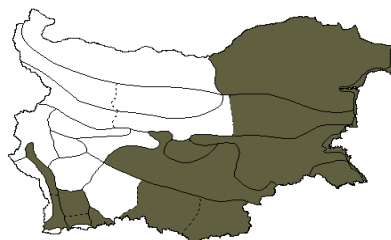


0

Pont

Velezia rigida

L.



1000

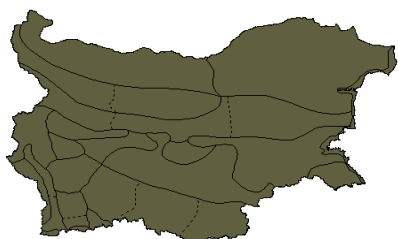


0

subMed

Valerianella pumila

(L.) DC.



900

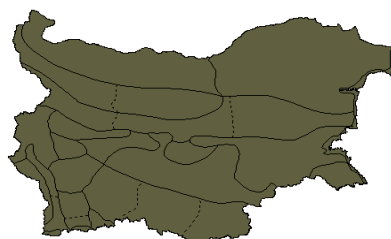


0

Pont-Med

Ventenata dubia

(Leers) Coss.



1000



0

Pont-Med

Valerianella rimosa

Bast.



900

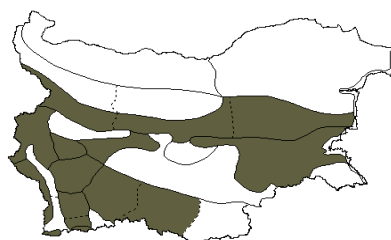


0

Eur

Veratrum lobelianum

Bernh.



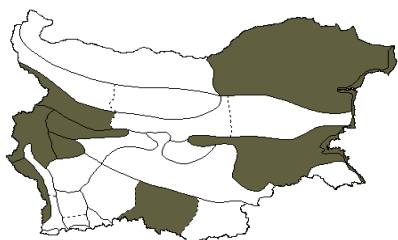
2900



1000

Eur-As

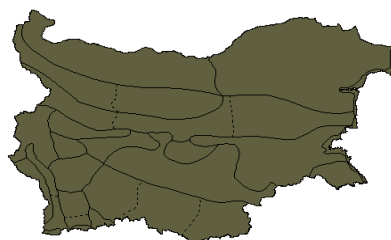
Veratrum nigrum
L.



1500
⇕
0

Eur-As

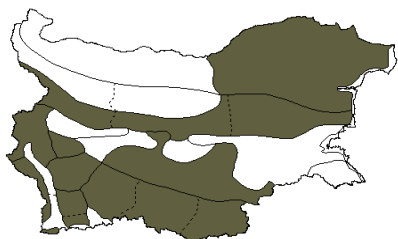
Verbascum banaticum
Schrad.



1000
⇕
0

Bal-Dac

Verbascum abietinum
Borbás



1200
⇕
200

Bul-Dac

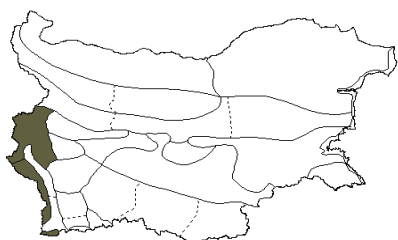
Verbascum blattaria
L.



1000
⇕
0

Eur-Sib

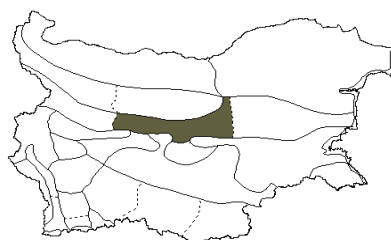
Verbascum adamovičii
Velen.



2000
⇕
100

Bal

Verbascum boevae
Stef.-Gat.

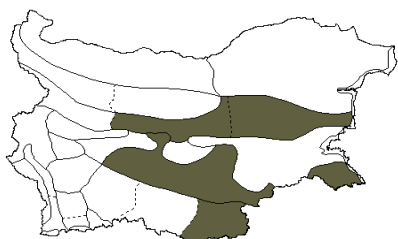


1600
⇕
1600

!

Bul

Verbascum adrianopolitanum
Podp.

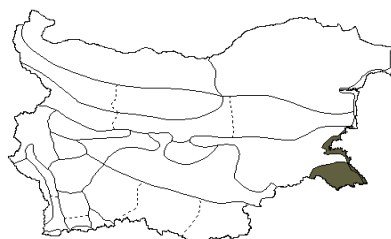


1000
⇕
0

!

Bal

Verbascum bugulifolium
Lam.

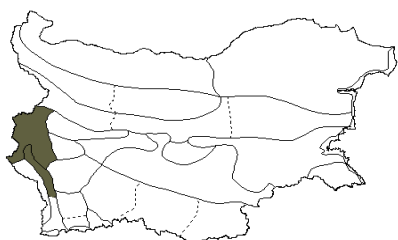


100
⇕
0

!

Bal-Anat

Verbascum anisophyllum
Murb.

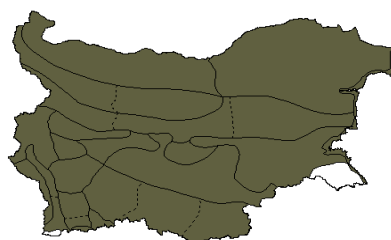


900
⇕
400

!

Bal

Verbascum chaixii
Vill.

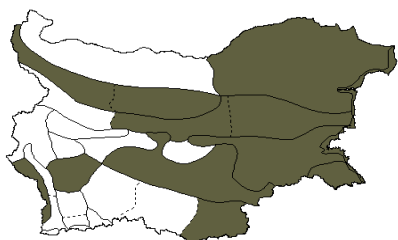


1000
⇕
0

Pann-Bal

Verbascum crenatifolium

Boiss.



800

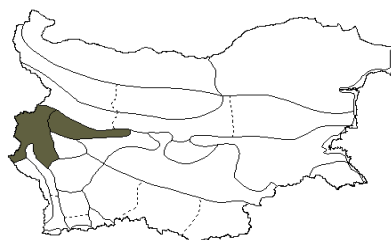


0

Pont-Med

Verbascum eriophorum

Godr.



1000



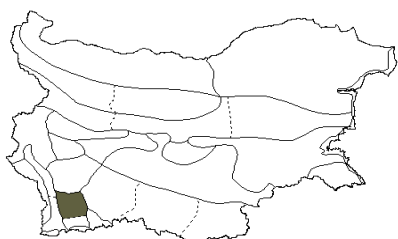
400



Bal

Verbascum davidoffii

Murb.



2100



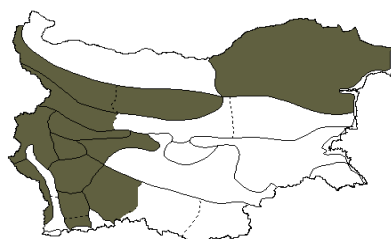
1300



Bul

Verbascum formanekii

Borbás ex Formánek



1000

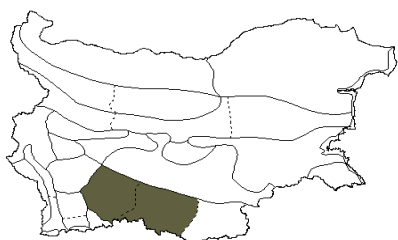


300

Bul

Verbascum decorum

Velen.



600



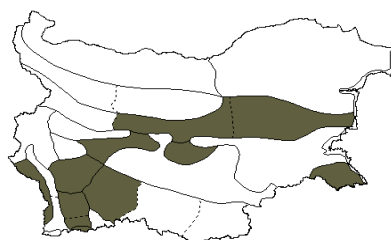
200



Bul

Verbascum glabratum

Friv.



1800

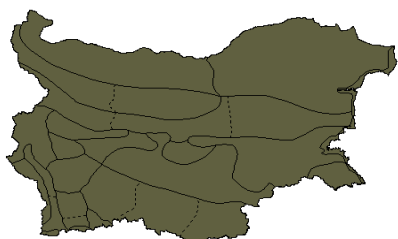


200

Carp-Bal

Verbascum densiflorum

Bertol.



2000

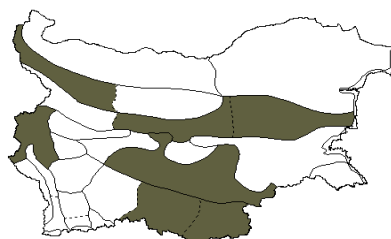


0

subMed

Verbascum humile

Janka



1800

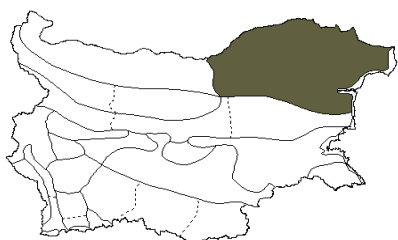


100

Bal

Verbascum dieckianum

Borbás & Degen



100



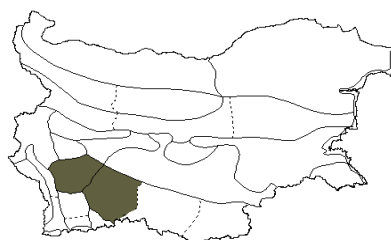
0



Bal

Verbascum jankaeanum

Pančić



1900



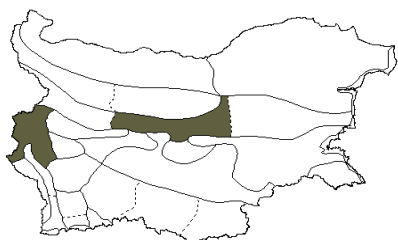
1400



Bul

Verbascum jordanovii

Stef.-Gat.



1000



700



Bul

Verbascum lychnitis

L.



1800

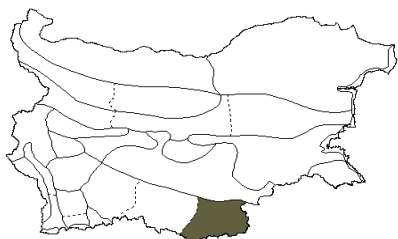


200

Ap-Bal

Verbascum juruk

Stef.



300



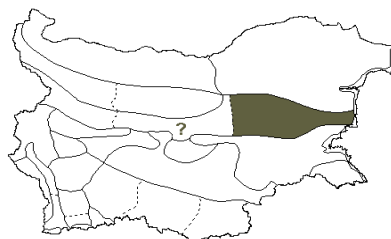
300



Bul

Verbascum minutiflorum

Stef.



1000



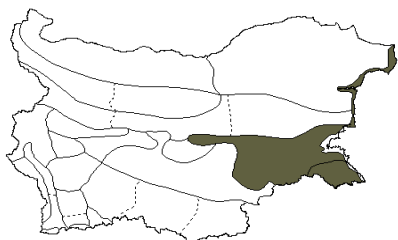
0



Bul

Verbascum lagurus

Fisch. & C. A. Mey.



800



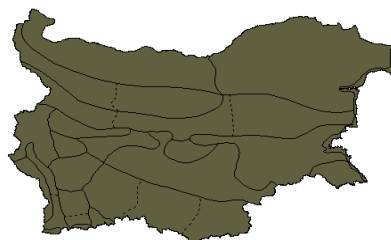
300



Pont-Med

Verbascum nigrum

L.



1000

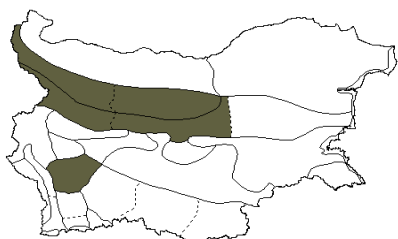


0

Pont-CAs

Verbascum lanatum

Schrad.



2000

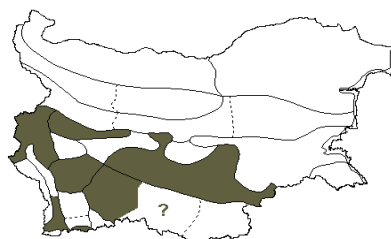


200

Alp-Med

Verbascum niveum

Ten.



1000

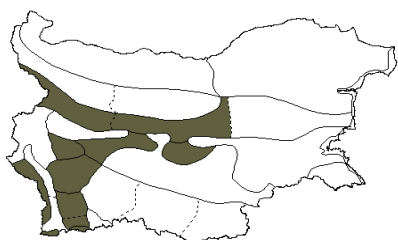


200

Ap-Bal

Verbascum longifolium

Ten.



2800

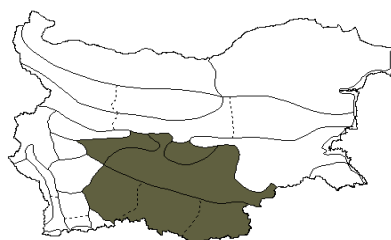


1500

Eur-Med

Verbascum nobile

Velen.



600

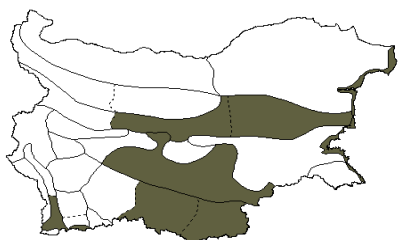


100

Bal

Verbascum orientale

(L.) All.



500

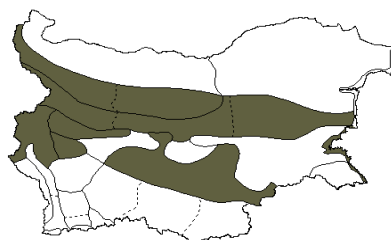


0

Pont-Sib

Verbascum pulverulentum

Vill.



1500

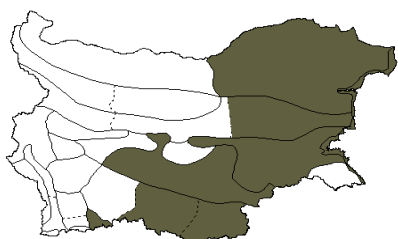


0

subMed

Verbascum ovalifolium

Donn ex Sims



1000

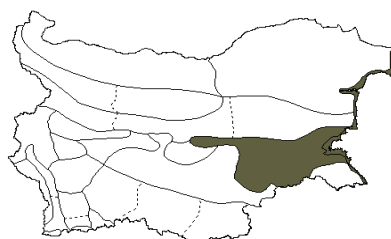


0

Pont-Bal

Verbascum purpureum

(Janka) Hub.-Mor.



200



0



Bal

Verbascum phlomoides

L.



2000

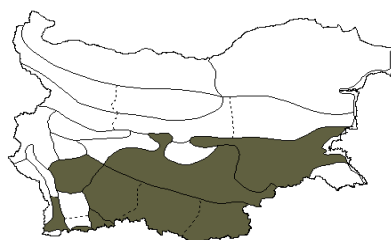


0

Eur

Verbascum rorripifolium

(Halácsy) I. K. Ferguson



800

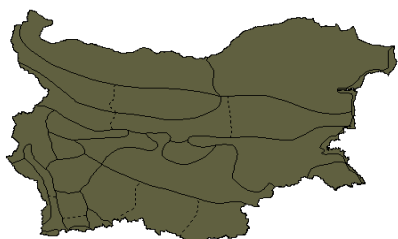


100

Bal

Verbascum phoeniceum

L.



1000

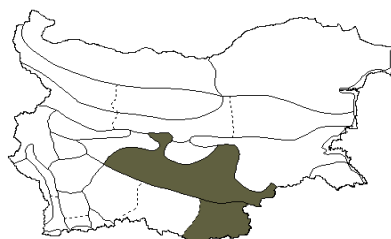


0

Eur-Sib

Verbascum rupestre

(Davidov) I. K. Ferguson



600



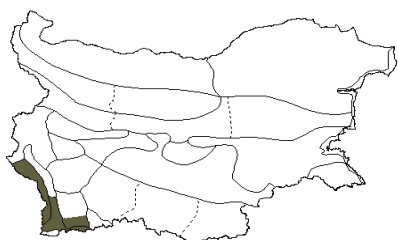
0



Bal

Verbascum pseudonobile

Stoj. & Stef.



400



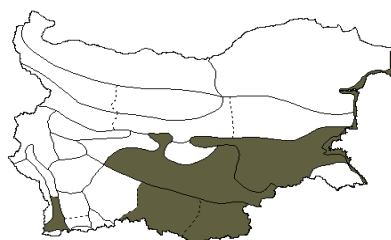
50



Bal

Verbascum sinuatum

L.



1000

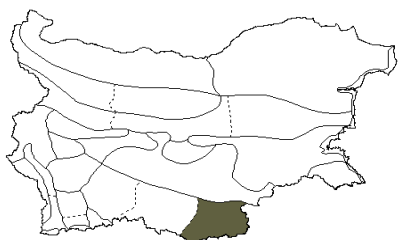


0

Med

Verbascum spathulisepalum

Greuter & Rech. f.



300



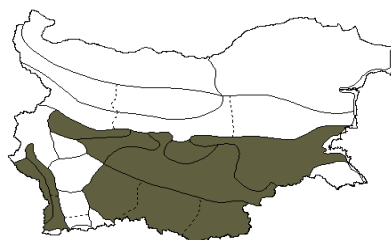
300



Bal

Verbascum xanthophoeniceum

Griseb.



1200



0

Bal-Anat

Verbascum speciosum

Schrad.



1800



0

Eur-Med

Verbena officinalis

Voss.



1000

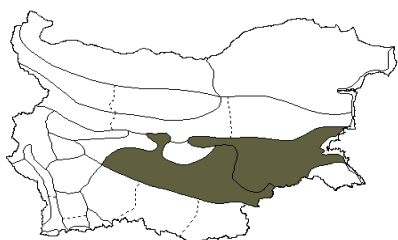


0

Kos

Verbascum thracicum

Velen.



500



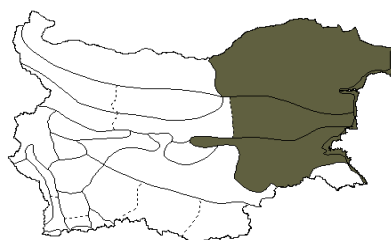
50



Bal-Anat

Verbena supina

L.



200

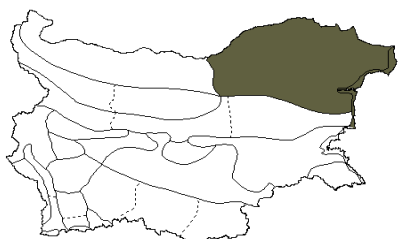


0

subBoreal

Verbascum tzar-borisii

(Davidov ex Stoj.) Stef.-Gat.



100



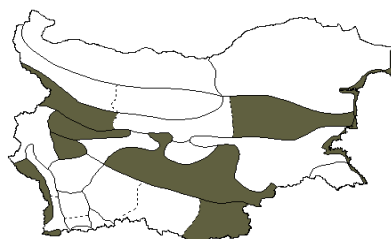
50



Bul

Veronica acinifolia

L.



1000

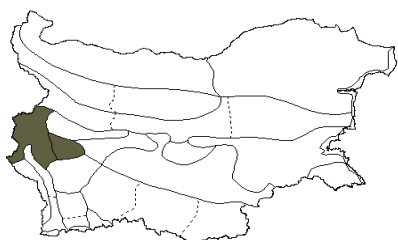


0

subMed

Verbascum urumoffii

Stoj. & Acht.



1000



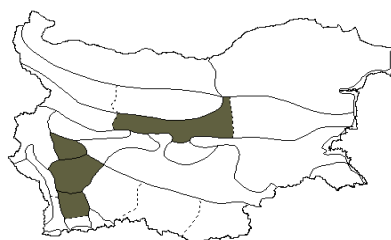
600



Bul

Veronica alpina

L.



2900



2000

Eur-Jap-Ch

Veronica anagalis-aquatica

L.



200

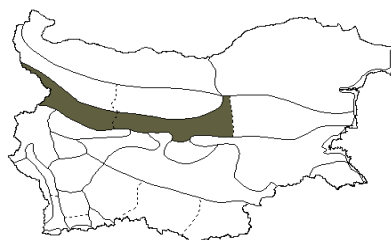


0

Boreal

Veronica baumgartenii

Roem. & Schult.



2200



2000



Carp-Bal

Veronica arvensis

L.



1500



0

Eur-Sib

Veronica beccabunga

L.



2100



0

Eur-As

Veronica austriaca

L.



1600

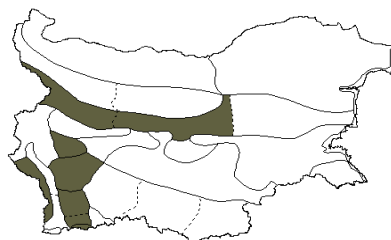


0

Eur-Med

Veronica bellidioides

L.



2600

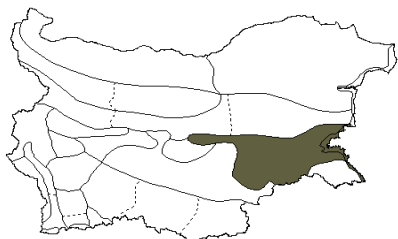


1800

Alp-Med

Veronica aznavourii

Dörfl.



200

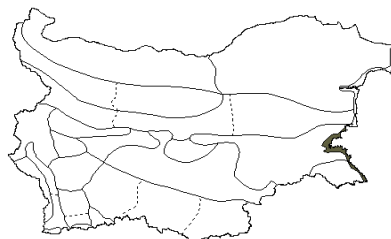


0

Bal-Anat

Veronica catenata

Pennell



500



0

Eur-As

Veronica barrelieri

Schott ex Roem. & Schult.



1900

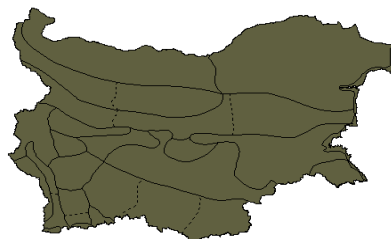


0

Pont-Bal

Veronica chamaedrys

L.



2700

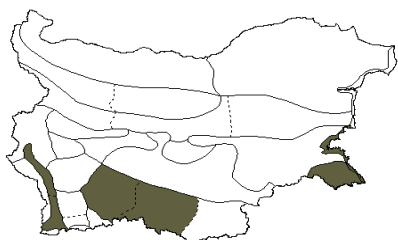


0

Eur-As

Veronica cymbalaria

Bernh.



800

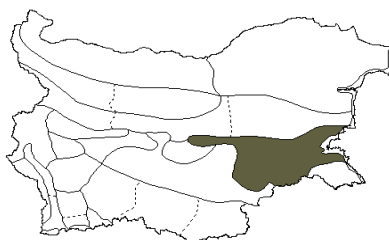


0

Med

Veronica glauca

Sm.



200



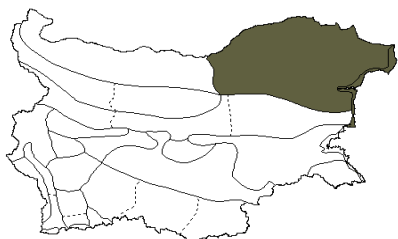
200



Bal

Veronica euxina

Turrill



200

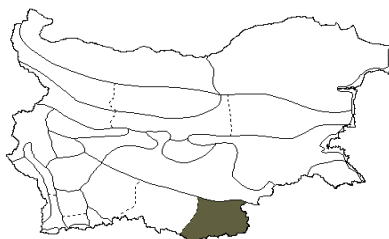


0

Bul

Veronica grisebachii

Walters



500



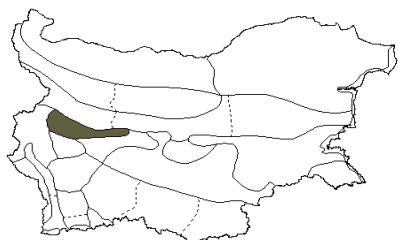
500



Bal-Anat

Veronica filiformis

Sm.



300

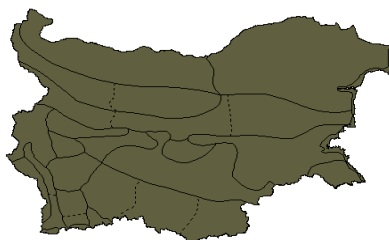


200

Adv

Veronica hederifolia

L.



800

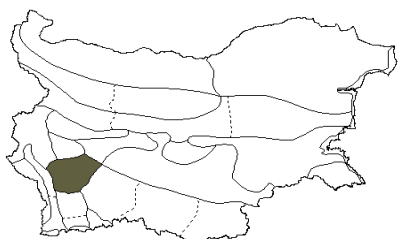


0

Eur-Med

Veronica fruticans

Jacq.



2500

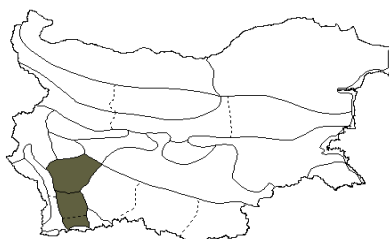


2300

Adv (Alp)

Veronica kellererii

Degen & Urum.



2900

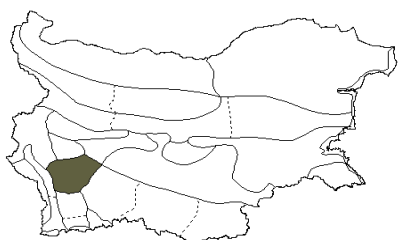


2500

Bul

Veronica fruticulosa

L.



2600

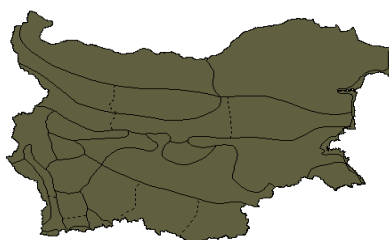


2400

Adv (Alp)

Veronica krumovii

(Peev) Peev

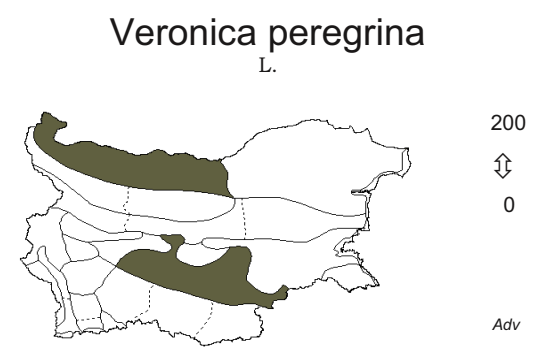
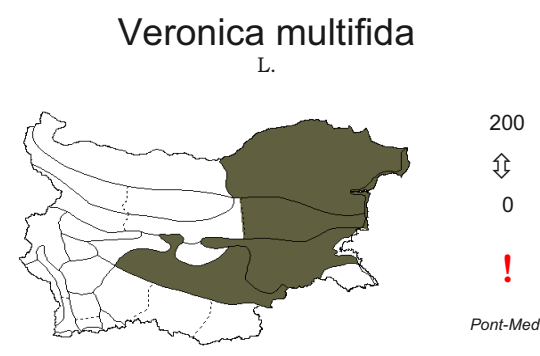
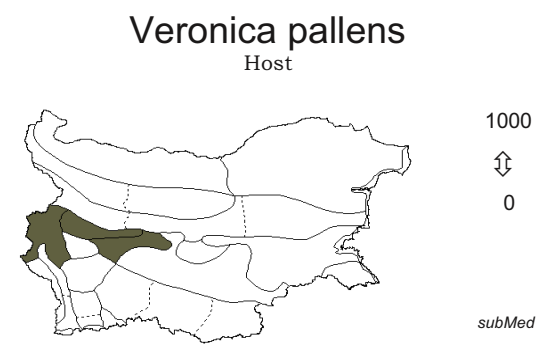
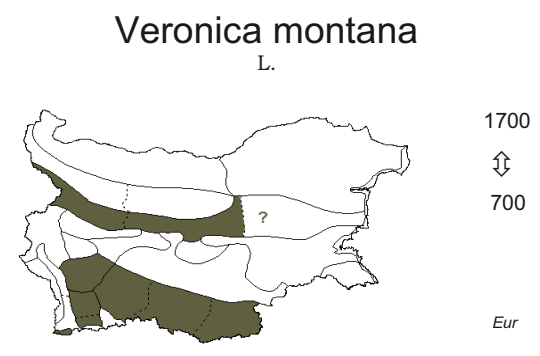
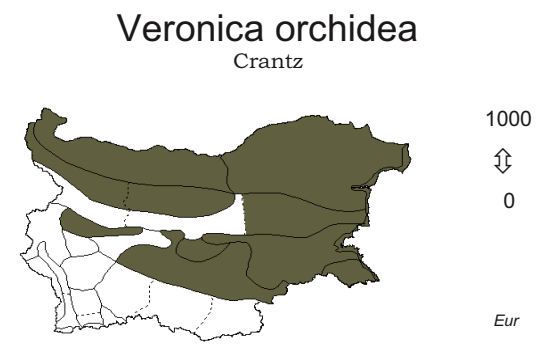
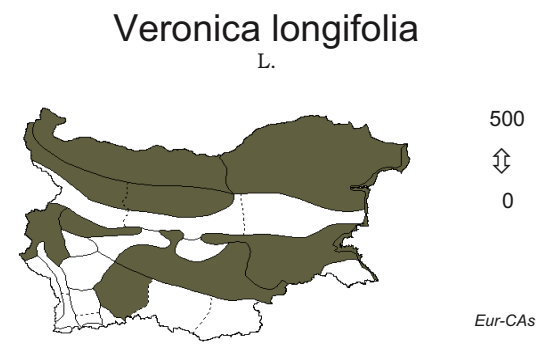


800



0

Bul



Veronica praecox

All.



800

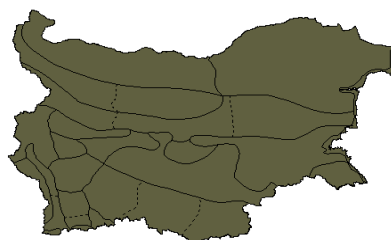


0

Eur-Med

Veronica serpyllifolia

L.



2500

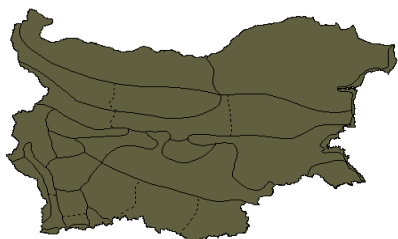


0

Boreal

Veronica prostrata

L.



800

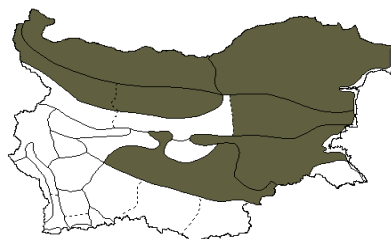


0

Eur

Veronica spuria

L.



1000

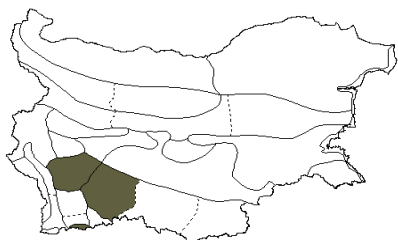


0

Pont-CAs

Veronica rhodopaea

(Velen.) Degen ex Stoj. & Stef.



2800

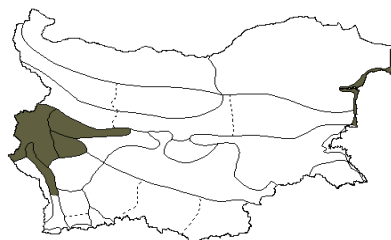


1800

Bal

Veronica sublobata

M. A. Fisch.



800



0

Eur

Veronica scardica

Griseb.



1500

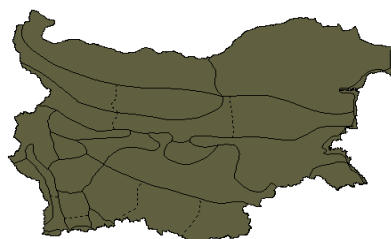


0

Pont-Med

Veronica teucrium

L.



1200



0

Eur-Sib

Veronica scutellata

L.



1500

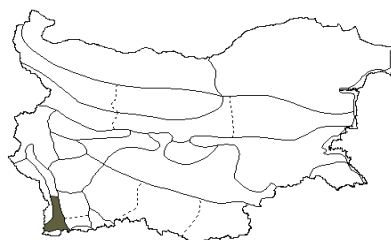


0

Eur

Veronica trichadena

Jord. & Fourr.



200



0

Med

Veronica triloba

(Opiz) A. Kern.



800

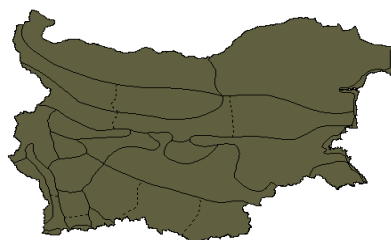


0

subMed

Veronica vindobonensis

(M. A. Fisch.) M. A. Fisch.



2200



0

Eur

Veronica triphyllos

L.



700

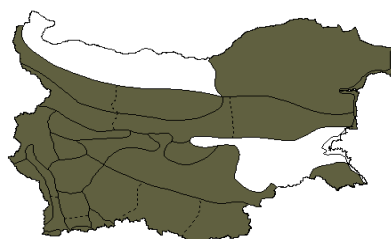


0

Eur-Med

Viburnum lantana

L.



1500

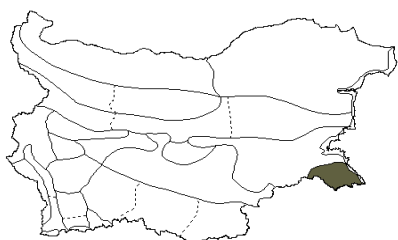


0

Eur-Med

Veronica turrilliana

Stoj. & Stef.



500



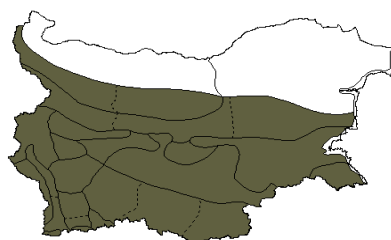
0



Bal

Viburnum opulus

L.



1500

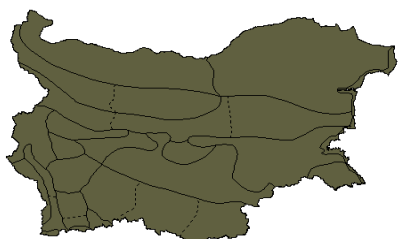


0

Eur-Sib

Veronica urticifolia

Jacq.



1900

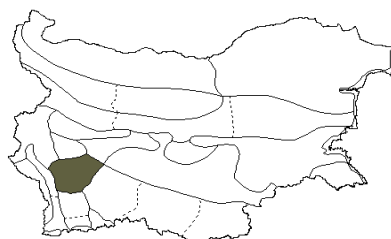


500

Eur

Vicia abbreviata

Spreng.



1700



1500

Bal-Eux

Veronica verna

L.



1500

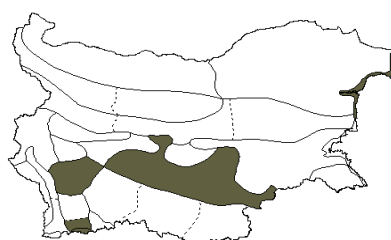


0

Eur-Sib

Vicia amphicarpa

Dorthes



1300



0

Med

Vicia angustifolia

Grufberg



1000

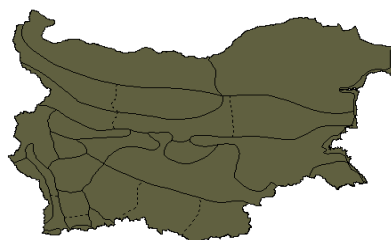


0

Eur-As

Vicia cracca

L.



2000

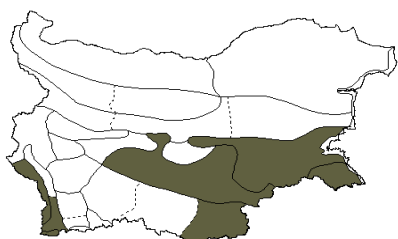


0

Eur-As

Vicia articulata

Hornem.



300

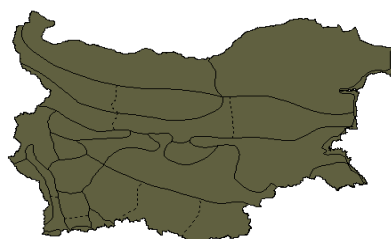


0

subMed

Vicia dalmatica

A. Kern.



2400

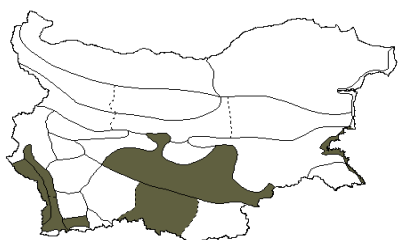


0

subMed

Vicia bythinica

(L.) L.



500

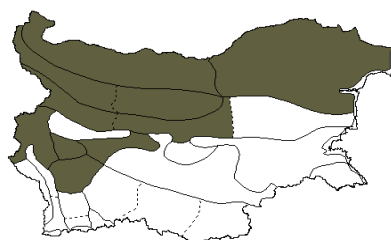


0

subMed

Vicia dumetorum

L.



1500



200

Med

Vicia cassubica

L.



1800



0

Eur-Med

Vicia grandiflora

Scop.



1500



0

subMed

Vicia cordata

Wulfen



500

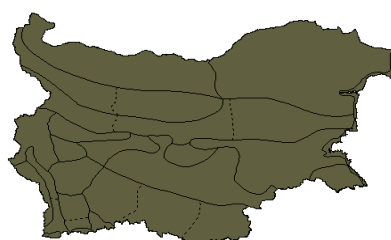


0

Med

Vicia hirsuta

(L.) Gray



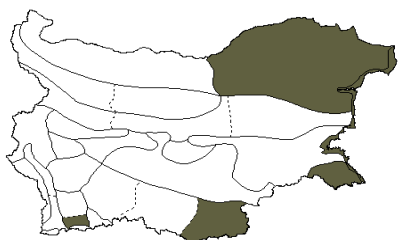
1200



0

Eur-Med

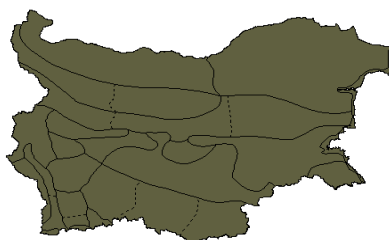
Vicia hybrida
L.



500
⇕
0

Med-CAs

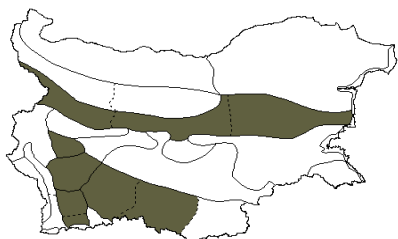
Vicia lathyroides
L.



1000
⇕
0

Eur-Med

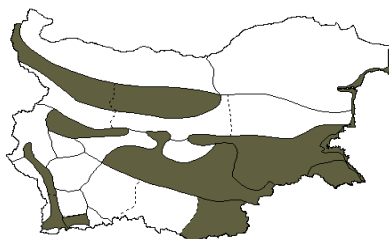
Vicia incana
Gouan



1900
⇕
1100

Eur

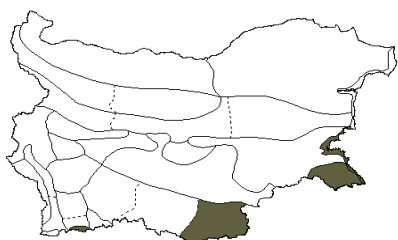
Vicia lutea
L.



300
⇕
0

subMed

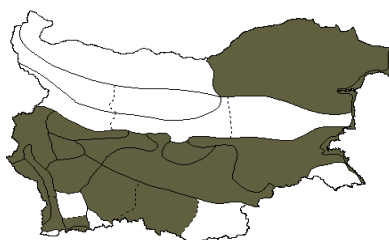
Vicia incisa
M. Bieb.



100
⇕
0

Pont

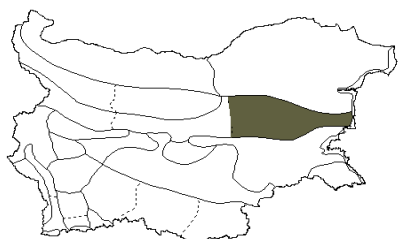
Vicia melanops
Sm.



1000
⇕
0

subMed

Vicia jordanovii
Velchev



1000
⇕
0

Bul

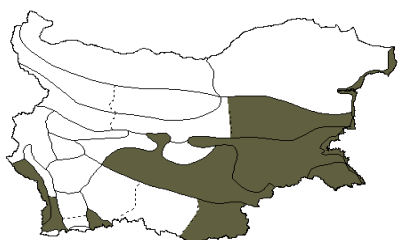
Vicia narbonensis
L.



600
⇕
0

Eur-As

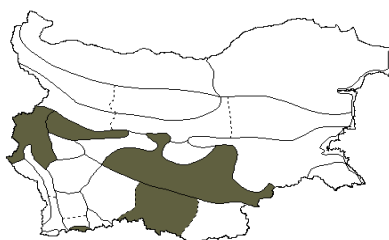
Vicia laeta
Ces.



300
⇕
0

Med-subMed

Vicia onobrychioides
L.



1400
⇕
100

Med

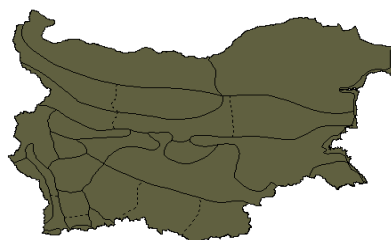
Vicia pannonica
Crantz



1500
⇕
0

Eur-Med

Vicia serratifolia
Jacq.



500
⇕
0

Pont-Med

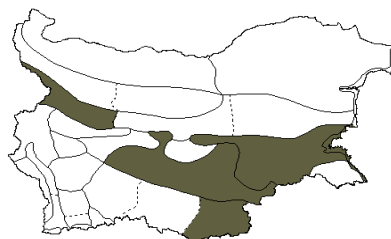
Vicia peregrina
L.



1500
⇕
0

Eur-As

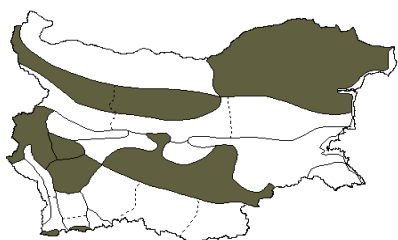
Vicia sparsiflora
Ten.



500
⇕
0

Eur

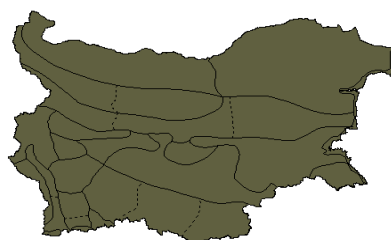
Vicia pisiformis
L.



500
⇕
0

Eur

Vicia tenuifolia
Roth



1500
⇕
0

Eur-As

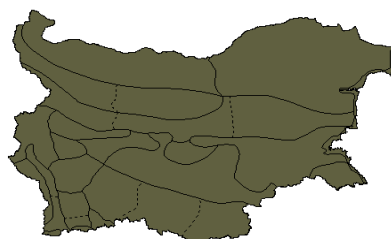
Vicia sativa
L.



500
⇕
0

Eur-Med

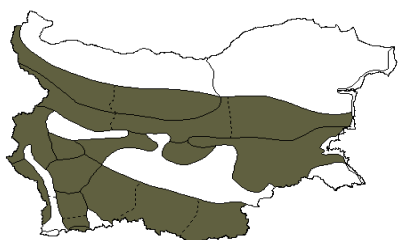
Vicia tetrasperma
(L.) Schreb.



1200
⇕
0

Eur-Med

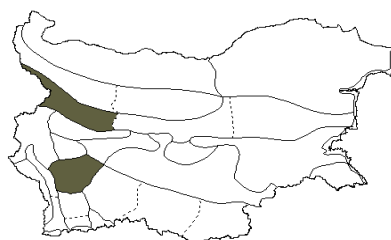
Vicia sepium
L.



2200
⇕
300

Eur-As

Vicia truncatula
M. Bieb.



1500
⇕
1300

Pont-Med

Vicia varia

Host



900

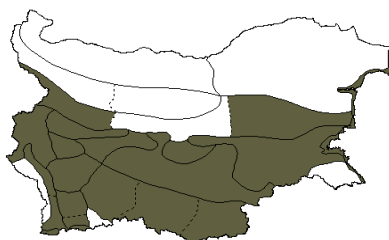


0

Eur-Med

Vincetoxicum fuscatum

(Hornem.) Rchb. f.



1000



0

Med

Vicia villosa

Roth



1500



0

Eur-CAs

Vincetoxicum hirundinaria

Medicus



1500

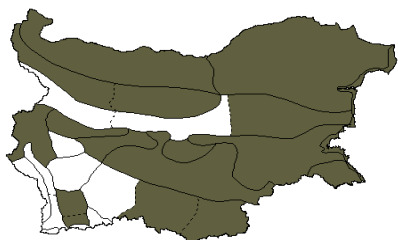


0

Eur-Sib

Vinca herbacea

Waldst. & Kit.



1500

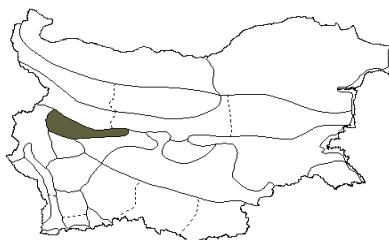


0

Eur-Med

Vincetoxicum nigrum

(L.) Moench.



500

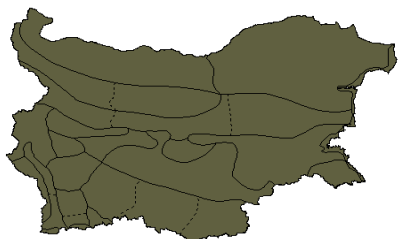


0

Adv (WEur)

Vinca major

L.



500

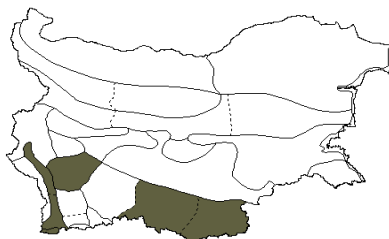


0

Eur-Med

Vincetoxicum speciosum

Boiss.



700

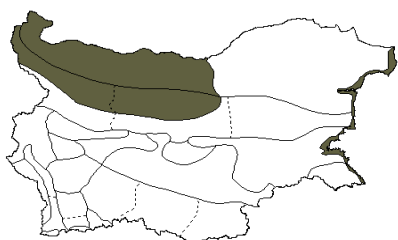


0

Med

Vinca minor

L.



1000

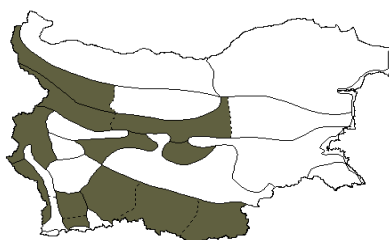


0

Eur-Med

Viola aetolica

Boiss. & Heldr.



1500



800

Bal

Viola alba

Besser



1200

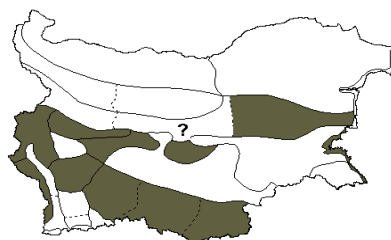


100

Eur-Med

Viola canina

L.



2200

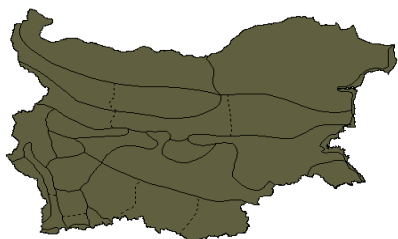


1000

Boreal

Viola ambigua

Waldst. & Kit.



1100

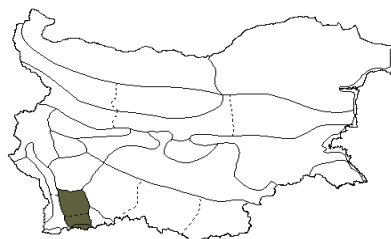


200

Eur-Sib

Viola crinita

(Delip.) Delip.



2100



1500

Bul

Viola arvensis

Murr.



1500

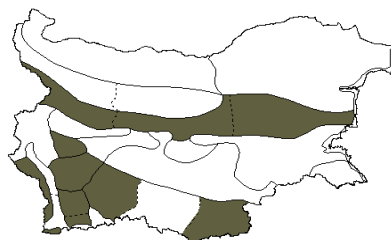


0

Eur

Viola dacica

Borbás



2300

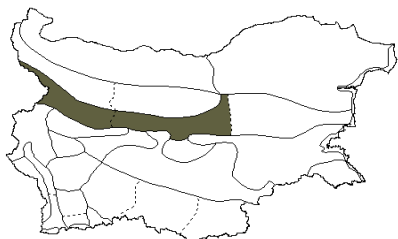


1500

Pont-Med

Viola balcanica

Delip.



2000



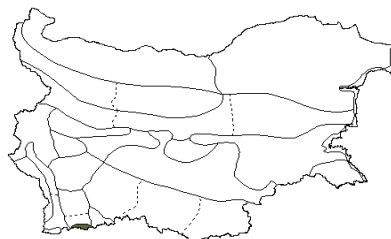
1400



Bul

Viola delphinantha

Boiss.



1700



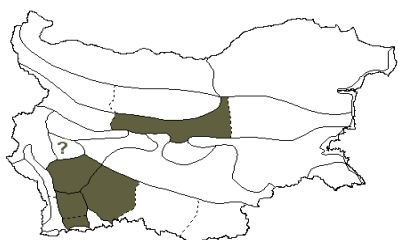
950



Bal

Viola biflora

L.



2800

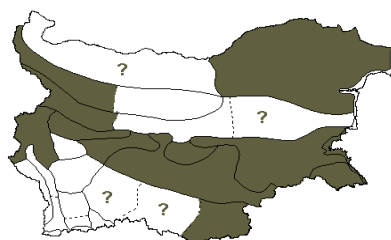


1700

Boreal

Viola elatior

Fr.



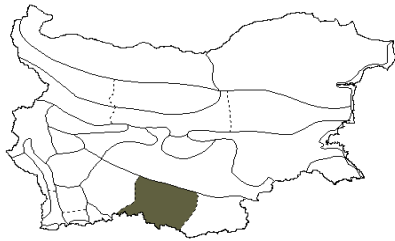
700



0

Eur-As

Viola ganiatsasii
Erben



1500
⇕
500

Bal

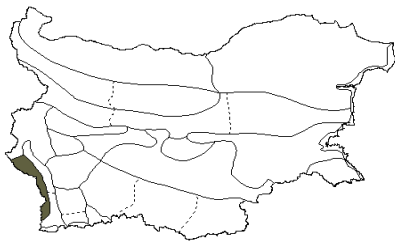
Viola kitaibeliana
Schult.



1200
⇕
0

Eur-Med

Viola gracilis
Sm.

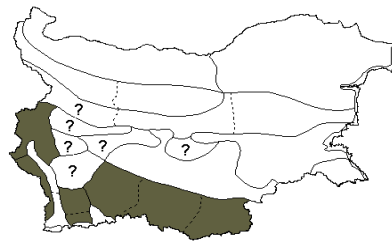


2100
⇕
1800

!

Bal-Anat

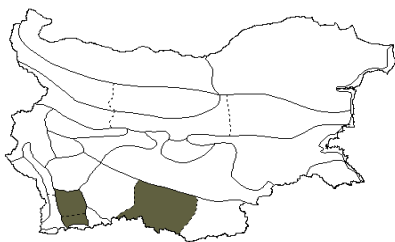
Viola macedonica
Boiss. & Heldr.



2000
⇕
500

Bal

Viola grisebachiana
Vis.

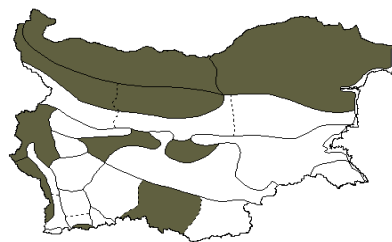


2800
⇕
1300

!

Bal

Viola mirabilis
L.



1000
⇕
0

Eur-As

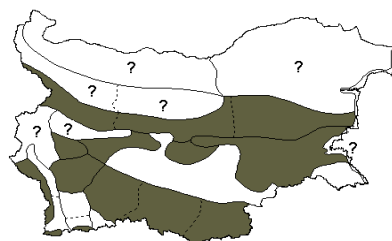
Viola hirta
L.



1300
⇕
300

Eur-As

Viola montana
L.



2000
⇕
500

Eur-As

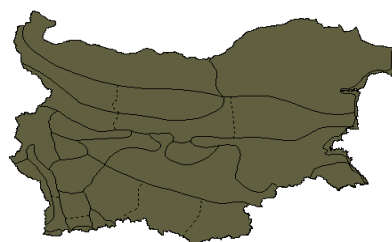
Viola jordanii
Hanry



1000
⇕
200

Eur-Med

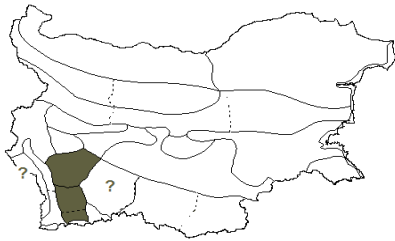
Viola odorata
L.



1000
⇕
0

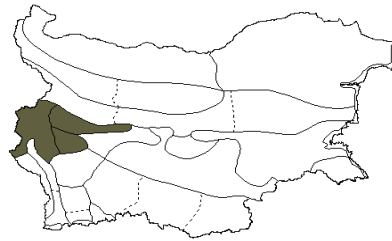
Eur-Med

Viola orbelica
Pančić



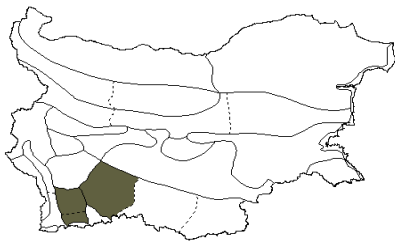
2000
⇕
1200
!
Bal

Viola pumila
Chaix



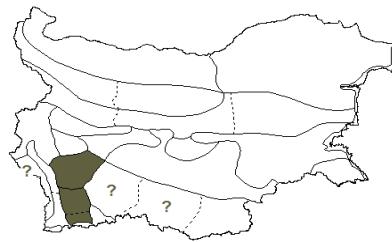
900
⇕
650
!
Eur-As

Viola palustris
L.



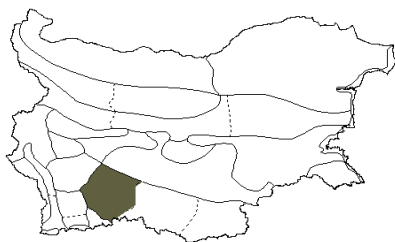
1600
⇕
1300
!
Eur-NAm

Viola pyrenaica
Ramond ex DC.



2000
⇕
1700
!
Eur

Viola parvula
Tineo



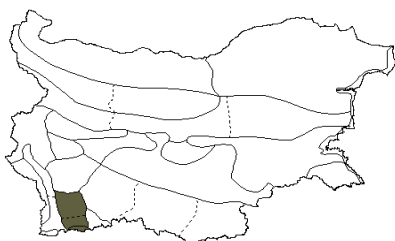
1200
⇕
1000
!
Med

Viola reichenbachiana
Jord. ex Boreau



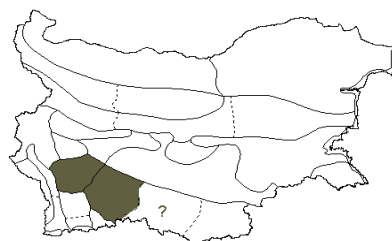
2000
⇕
100
Eur-As

Viola perinensis
Becker



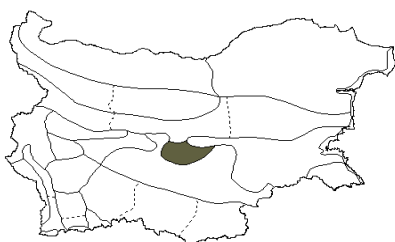
2800
⇕
1500
!
Bal

Viola rhodopeia
Becker



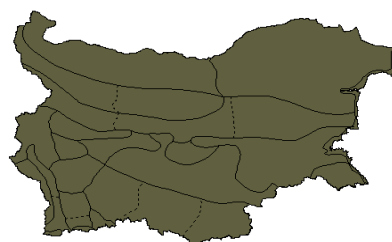
2400
⇕
1300
Bul

Viola persicifolia
Schreb.



1200
⇕
1200
!
Eur-Sib

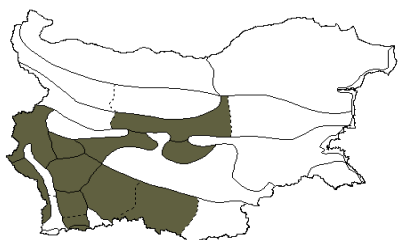
Viola riviniana
Rchb.



1500
⇕
150
subMed

Viola rupestris

F. W. Schmidt



1800

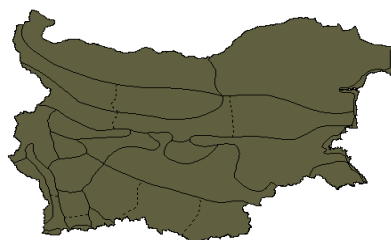


800

Eur-Sib

Viola suavis

M. Bieb.



900

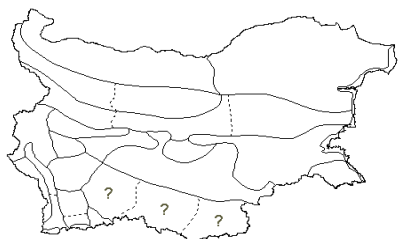


0

Eur-As

Viola serresiana

Erben



Bal

Viola tricolor

L.



1800

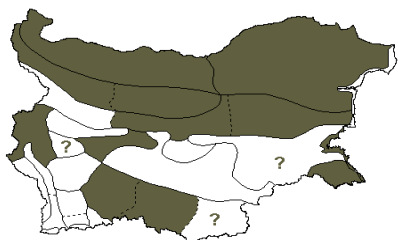


200

Eur-As

Viola sieheana

Becker



1000



300

Pont-Med

Viscaria vulgaris

Röhl.



1500

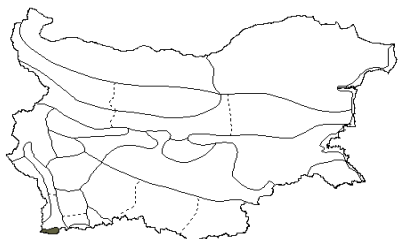


0

Eur-Sib

Viola speciosa

Pant.



1900



1300



Bal

Viscum album

L.



2000

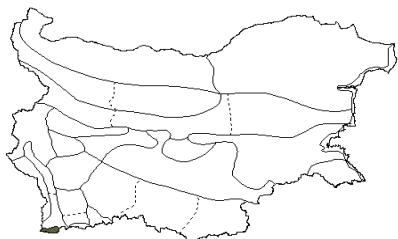


0

Eur-As

Viola stojanowii

Becker



1800



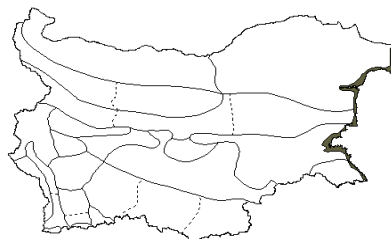
1500



Bal

Vitex agnus-castus

L.



400

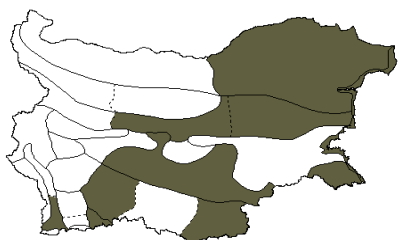


0

Med-CAs

Vitis sylvestris

C. C. Gmel.



500

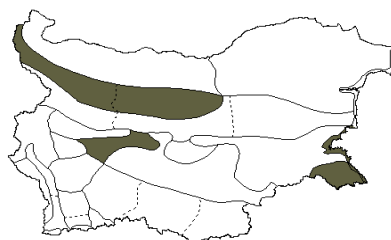


0

subMed

Vulpia muralis

(Kunth) Nees



300

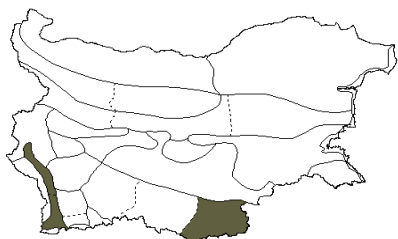


0

Med

Vulpia ambigua

(Le Gall) More



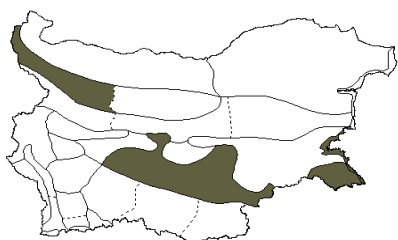
300



0

Vulpia bromoides

(L.) Gray



800



0

Med-OT

Vulpia myurus

(L.) C. C. Gmel.



2000

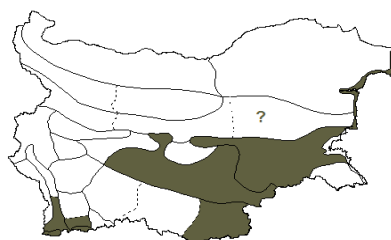


0

subBoreal

Vulpia unilateralis

(L.) Stace



300

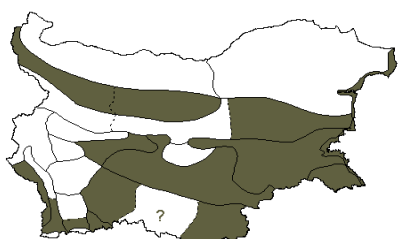


0

Med-Ch

Vulpia ciliata

Dumort.



500

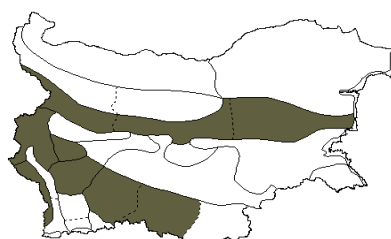


0

Med-CAs

Waldsteinia geoides

Willd.



1200

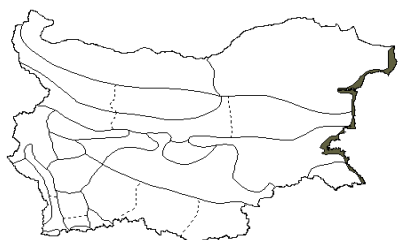


400

Pann-Bal

Vulpia fasciculata

(Forssk.) Samp.



100

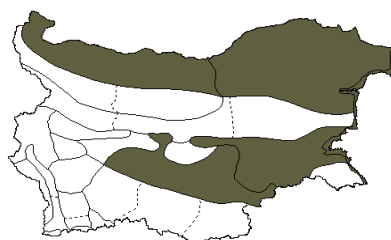


0

Med-Atl

Wolffia arrhiza

(L.) Horkel ex Wimm.



300

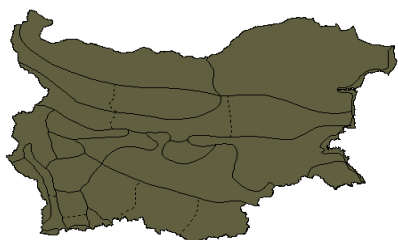


0

Kos

Xanthium italicum

Moretti



1000

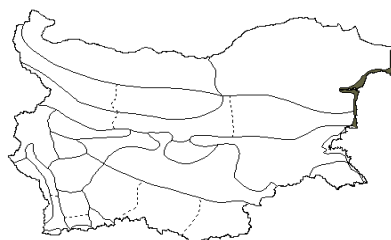


0

Adv (NAm)

Xeranthemum inapertum

(L.) Mill.



100



0

Pont-Med

Xanthium spinosum

L.



1000



0

Kos

Zannichellia palustris

L.



500



0

Kos

Xanthium strumarium

L.



1000

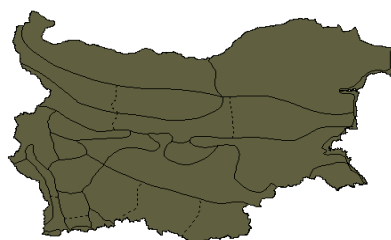


0

Eur

Ziziphora capitata

L.



1000



0

Med

Xeranthemum annuum

L.



1000

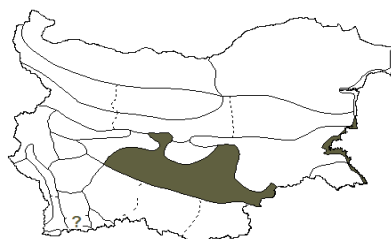


0

subMed

Ziziphus jujuba

Mill.



300



0

Adv (EAs)

Xeranthemum cylindraceum

Sm.



500

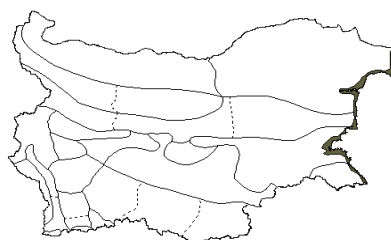


0

subMed

Zostera marina

L.



0

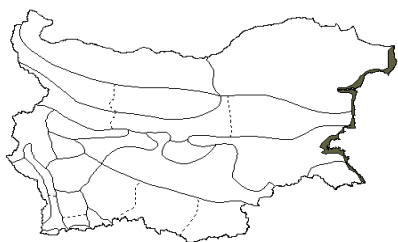


0

Kos

Zostera noltii

Hornem.



0

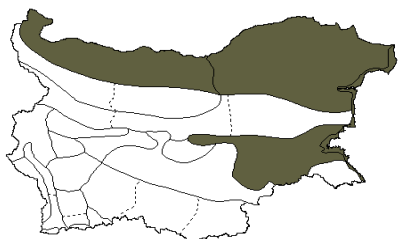


0

Atl-Med

Zygophyllum fabago

L.



100



0

Eur-As

Aumepamypa / References

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СПИСЪК НА РОДОВЕТЕ И ТЕХНИТЕ СЕМЕЙСТВА

LIST OF THE GENERA AND THEIR FAMILIES

- Abies - *Pinaceae*
Abutilon - *Malvaceae*
Acalypha - *Euphorbiaceae*
Acanthus - *Acanthaceae*
Acer - *Aceraceae*
Achillea - *Asteraceae*
Achnatherum - *Poaceae*
Acinos - *Lamiaceae*
Aconitum - *Ranunculaceae*
Acorellus - *Cyperaceae*
Acorus - *Araceae*
Actaea - *Ranunculaceae*
Adenostyles - *Asteraceae*
Adiantum - *Adiantaceae*
Adonis - *Ranunculaceae*
Adoxa - *Adoxaceae*
Aegilops - *Poaceae*
Aegopodium - *Apiaceae*
Aeluropus - *Poaceae*
Aesculus - *Hippocastanaceae*
Aethionema - *Brassicaceae*
Aethusa - *Apiaceae*
Agrimonia - *Rosaceae*
Agropyron - *Poaceae*
Agrostemma - *Caryophyllaceae*
Agrostis - *Poaceae*
Ailanthus - *Simaroubaceae*
Aira - *Poaceae*
Ajuga - *Lamiaceae*
Alcea - *Malvaceae*
Alchemilla - *Rosaceae*
Aldrovanda - *Droseraceae*
Alisma - *Alismataceae*
Alkanna - *Boraginaceae*
Alliaria - *Brassicaceae*
Allium - *Liliaceae*
Alnus - *Betulaceae*
Alopecurus - *Poaceae*
Althaea - *Malvaceae*
Alyssoides - *Brassicaceae*
Alyssum - *Brassicaceae*
Amaranthus - *Amaranthaceae*
Ambrosia - *Asteraceae*
Amelanchier - *Rosaceae*
Ammannia - *Lythraceae*
Ammophila - *Poaceae*
Amorpha - *Fabaceae*
Amygdalus - *Rosaceae*
Anacamptis - *Orchidaceae*
Anagalis - *Primulaceae*
Anchusa - *Boraginaceae*
Andrachne - *Euphorbiaceae*
Androsace - *Primulaceae*
Andrzeiowskia - *Brassicaceae*
Anemone - *Ranunculaceae*
Anethum - *Apiaceae*
Angelica - *Apiaceae*
Antennaria - *Asteraceae*
Anthemis - *Asteraceae*
Anthericum - *Liliaceae*
Anthoxanthum - *Poaceae*
Anthriscus - *Apiaceae*
Anthyllis - *Fabaceae*
Antirrhinum - *Scrophulariaceae*
Apera - *Poaceae*
Aphanes - *Rosaceae*
Apium - *Apiaceae*
Aquilegia - *Ranunculaceae*
Arabidopsis - *Brassicaceae*
Arabis - *Brassicaceae*
Arbutus - *Ericaceae*
Arceutobium - *Loranthaceae*
Arctium - *Asteraceae*
Arctostaphylos - *Ericaceae*
Aremonia - *Rosaceae*
Arenaria - *Caryophyllaceae*
Argusia - *Boraginaceae*
Aristolochia - *Aristolochiaceae*
Armeria - *Plumbaginaceae*
Armoracia - *Brassicaceae*
Arnica - *Asteraceae*
Arrhenatherum - *Poaceae*
Artemisia - *Asteraceae*
Arum - *Araceae*
Asarum - *Aristolochiaceae*
Asclepias - *Asclepiadaceae*
Asparagus - *Liliaceae*
Asperugo - *Boraginaceae*
Asperula - *Rubiaceae*
Asphodeline - *Liliaceae*
Asphodelus - *Liliaceae*
Asplenium - *Aspleniaceae*
Aster - *Asteraceae*
Asteriscus - *Asteraceae*
Asterolinon - *Primulaceae*
Astracantha - *Fabaceae*
Astragalus - *Fabaceae*
Astrantia - *Apiaceae*
Astrodaucus - *Apiaceae*
Asyneuma - *Campanulaceae*
Athyrium - *Athyriaceae*
Atriplex - *Chenopodiaceae*
Atropa - *Solanaceae*
Aubrieta - *Brassicaceae*
Aurinina - *Brassicaceae*
Avena - *Poaceae*
Avenula - *Poaceae*
Azolla - *Azollaceae*
Ballota - *Lamiaceae*
Barbarea - *Brassicaceae*
Bartsia - *Scrophulariaceae*
Bassia - *Chenopodiaceae*
Beckmannia - *Poaceae*
Bellardia - *Scrophulariaceae*

Bellardiochloa - *Poaceae*
 Bellevalia - *Liliaceae*
 Bellis - *Asteraceae*
 Berberis - *Berberidaceae*
 Berteroa - *Brassicaceae*
 Berula - *Apiaceae*
 Beta - *Chenopodiaceae*
 Betonica - *Lamiaceae*
 Betula - *Betulaceae*
 Bidens - *Asteraceae*
 Bifora - *Apiaceae*
 Bilderdykia - *Polygonaceae*
 Biserrula - *Fabaceae*
 Bistorta - *Polygonaceae*
 Bituminaria - *Fabaceae*
 Blackstonia - *Gentianaceae*
 Blechnum - *Blechnaceae*
 Blysmus - *Cyperaceae*
 Bolboschoenus - *Cyperaceae*
 Bombycilaena - *Asteraceae*
 Botrychium - *Ophioglossaceae*
 Brachiaria - *Poaceae*
 Brachypodium - *Poaceae*
 Brassica - *Brassicaceae*
 Briza - *Poaceae*
 Bromus - *Poaceae*
 Broussonetia - *Moraceae*
 Bruckenthalia - *Ericaceae*
 Bryonia - *Cucurbitaceae*
 Bufonia - *Caryophyllaceae*
 Buglossoides - *Boraginaceae*
 Bunias - *Brassicaceae*
 Bunium - *Apiaceae*
 Bupleurum - *Apiaceae*
 Butomus - *Butomaceae*
 Cachrys - *Apiaceae*
 Cakile - *Brassicaceae*
 Calamagrostis - *Poaceae*
 Calamintha - *Lamiaceae*
 Caldesia - *Alismataceae*
 Calendula - *Asteraceae*
 Calepina - *Brassicaceae*
 Callitriche - *Callitrichaceae*
 Calluna - *Ericaceae*
 Caltha - *Ranunculaceae*
 Calystegia - *Convolvulaceae*
 Camelina - *Brassicaceae*
 Campanula - *Campanulaceae*
 Camphorosma - *Chenopodiaceae*
 Cannabis - *Cannabaceae*
 Capsella - *Brassicaceae*
 Caragana - *Fabaceae*
 Cardamine - *Brassicaceae*
 Cardaminopsis - *Brassicaceae*
 Cardaria - *Brassicaceae*
 Carduus - *Asteraceae*
 Carex - *Cyperaceae*
 Carlina - *Asteraceae*
 Carpesium - *Asteraceae*
 Carpinus - *Betulaceae*
 Carthamus - *Asteraceae*
 Carum - *Apiaceae*
 Castanea - *Fagaceae*
 Catabrosa - *Poaceae*
 Catalpa - *Bignoniaceae*
 Caucalis - *Apiaceae*
 Celtis - *Ulmaceae*
 Cenchrus - *Poaceae*
 Centaurea - *Asteraceae*
 Centaurium - *Gentianaceae*
 Centranthus - *Valerianaceae*
 Cephalanthera - *Orchidaceae*
 Cephalaria - *Dipsacaceae*
 Cephalorrhynchus - *Asteraceae*
 Cerastium - *Caryophyllaceae*
 Ceratocarpus - *Chenopodiaceae*
 Ceratocephalus - *Ranunculaceae*
 Ceratophyllum - *Ceratophyllaceae*
 Cercis - *Fabaceae*
 Cerinthe - *Boraginaceae*
 Ceterach - *Aspleniaceae*
 Chaenorhinum - *Scrophulariaceae*
 Chaerophyllum - *Apiaceae*
 Chamaecytisus - *Fabaceae*
 Chamaespartium - *Fabaceae*
 Cheilanthes - *Sinopteridaceae*
 Chelidonium - *Papaveraceae*
 Chenopodium - *Chenopodiaceae*
 Chondrilla - *Asteraceae*
 Chorispora - *Brassicaceae*
 Chrozophora - *Euphorbiaceae*
 Chrysopogon - *Poaceae*
 Chrysosplenium - *Saxifragaceae*
 Cicer - *Fabaceae*
 Cicerbita - *Asteraceae*
 Cichorium - *Asteraceae*
 Cicuta - *Apiaceae*
 Cionura - *Asclepiadaceae*
 Circaea - *Onagraceae*
 Cirsium - *Asteraceae*
 Cistus - *Cistaceae*
 Citrullus - *Cucurbitaceae*
 Cladium - *Cyperaceae*
 Cleistogenes - *Poaceae*
 Clematis - *Ranunculaceae*
 Cleome - *Capparidaceae*
 Clinopodium - *Lamiaceae*
 Clypeola - *Brassicaceae*
 Cnicus - *Asteraceae*
 Cnidium - *Apiaceae*
 Coeloglossum - *Orchidaceae*
 Colchicum - *Liliaceae*
 Colutea - *Fabaceae*
 Comandra - *Santalaceae*
 Commelina - *Commelinaceae*
 Conium - *Apiaceae*
 Conringia - *Brassicaceae*
 Consolida - *Ranunculaceae*

Convallaria - *Liliaceae*
 Convolvulus - *Convolvulaceae*
 Conyza - *Asteraceae*
 Corallorhiza - *Orchidaceae*
 Coriandrum - *Apiaceae*
 Corispermum - *Chenopodiaceae*
 Cornus - *Cornaceae*
 Coronilla - *Fabaceae*
 Coronopus - *Brassicaceae*
 Corotheramnium - *Fabaceae*
 Corrigiola - *Caryophyllaceae*
 Cortusa - *Primulaceae*
 Corydalis - *Papaveraceae*
 Corylus - *Betulaceae*
 Corynephorus - *Poaceae*
 Cotinus - *Anacardiaceae*
 Cotoneaster - *Rosaceae*
 Crambe - *Brassicaceae*
 Crassula - *Crassulaceae*
 Crataegus - *Rosaceae*
 Crepis - *Asteraceae*
 Cressa - *Convolvulaceae*
 Crithmum - *Apiaceae*
 Crocus - *Iridaceae*
 Crucianella - *Rubiaceae*
 Cruciata - *Rubiaceae*
 Crupina - *Asteraceae*
 Crypsis - *Poaceae*
 Cryptogramma - *Cryptogrammaceae*
 Cucubalus - *Caryophyllaceae*
 Cuscuta - *Cuscutaceae*
 Cyclamen - *Primulaceae*
 Cymbalaria - *Scrophulariaceae*
 Cynanchum - *Asclepiadaceae*
 Cynodon - *Poaceae*
 Cynoglossum - *Boraginaceae*
 Cynosurus - *Poaceae*
 Cyperus - *Cyperaceae*
 Cypripedium - *Orchidaceae*
 Cystopteris - *Athyriaceae*
 Cytinus - *Rafflesiaceae*
 Dactylis - *Poaceae*
 Dactylorhiza - *Orchidaceae*
 Danthonia - *Poaceae*
 Danthoniastrum - *Poaceae*
 Daphne - *Thymeleaceae*
 Dasypyrum - *Poaceae*
 Datura - *Solanaceae*
 Daucus - *Apiaceae*
 Delphinium - *Ranunculaceae*
 Deschampsia - *Poaceae*
 Descurainia - *Brassicaceae*
 Desmazeria - *Poaceae*
 Dianthus - *Caryophyllaceae*
 Dichanthium - *Poaceae*
 Dichostylis - *Cyperaceae*
 Dictamnus - *Rutaceae*
 Digitalis - *Scrophulariaceae*
 Digitaria - *Poaceae*
 Diphasiastrum - *Lycopodiaceae*
 Diplotaxis - *Brassicaceae*
 Dipsacus - *Dipsacaceae*
 Dittrichia - *Asteraceae*
 Doronicum - *Asteraceae*
 Dorycnium - *Fabaceae*
 Draba - *Brassicaceae*
 Dracocephalum - *Lamiaceae*
 Dracunculus - *Araceae*
 Drosera - *Droseraceae*
 Dryas - *Rosaceae*
 Dryopteris - *Aspidiaceae*
 Duchesnea - *Rosaceae*
 Ecballium - *Cucurbitaceae*
 Echinaria - *Poaceae*
 Echinochloa - *Poaceae*
 Echinocystis - *Cucurbitaceae*
 Echinophora - *Apiaceae*
 Echinops - *Asteraceae*
 Echium - *Boraginaceae*
 Eclipta - *Asteraceae*
 Edraianthus - *Campanulaceae*
 Elatine - *Elatinaceae*
 Elaeagnus - *Elaeagnaceae*
 Eleocharis - *Cyperaceae*
 Eleusine - *Poaceae*
 Elodea - *Hydrocharitaceae*
 Elymus - *Poaceae*
 Empetrum - *Empetraceae*
 Ephedra - *Ephedraceae*
 Epilobium - *Onagraceae*
 Epimedium - *Berberidaceae*
 Epipactis - *Orchidaceae*
 Epipogium - *Orchidaceae*
 Equisetum - *Equisetaceae*
 Eragrostis - *Poaceae*
 Eranthis - *Ranunculaceae*
 Erianthus - *Poaceae*
 Erica - *Ericaceae*
 Erigeron - *Asteraceae*
 Eriolobus - *Rosaceae*
 Eriophorum - *Cyperaceae*
 Erodium - *Geraniaceae*
 Erophila - *Brassicaceae*
 Eruca - *Brassicaceae*
 Eryngium - *Apiaceae*
 Erysimum - *Brassicaceae*
 Erythronium - *Liliaceae*
 Euclidium - *Brassicaceae*
 Eupatorium - *Asteraceae*
 Euphorbia - *Euphorbiaceae*
 Euphrasia - *Scrophulariaceae*
 Evonymus - *Celastraceae*
 Fagus - *Fagaceae*
 Falcaria - *Apiaceae*
 Fallopia - *Polygonaceae*
 Ferula - *Apiaceae*
 Ferulago - *Apiaceae*
 Festuca - *Poaceae*

Festulolium - *Poaceae*
 Fibigia - *Brassicaceae*
 Ficus - *Moraceae*
 Filaginella - *Asteraceae*
 Filago - *Asteraceae*
 Filipendula - *Rosaceae*
 Fimbristylis - *Cyperaceae*
 Foeniculum - *Apiaceae*
 Fragaria - *Rosaceae*
 Frangula - *Rhamnaceae*
 Frankenia - *Frankeniaceae*
 Fraxinus - *Oleaceae*
 Fritillaria - *Liliaceae*
 Fumana - *Cistaceae*
 Fumaria - *Papaveraceae*
 Gagea - *Liliaceae*
 Galanthus - *Amaryllidaceae*
 Galega - *Fabaceae*
 Galeopsis - *Lamiaceae*
 Galilea - *Cyperaceae*
 Galinsoga - *Asteraceae*
 Galium - *Rubiaceae*
 Gastridium - *Poaceae*
 Gaudinia - *Poaceae*
 Genista - *Fabaceae*
 Gentiana - *Gentianaceae*
 Gentianella - *Gentianaceae*
 Geranium - *Geraniaceae*
 Geum - *Rosaceae*
 Gladiolus - *Iridaceae*
 Glaucium - *Papaveraceae*
 Glechoma - *Lamiaceae*
 Gleditsia - *Fabaceae*
 Glinus - *Molluginaceae*
 Globularia - *Globulariaceae*
 Glyceria - *Poaceae*
 Glycyrrhiza - *Fabaceae*
 Gnaphalium - *Asteraceae*
 Goniolimon - *Plumbaginaceae*
 Goodyera - *Orchidaceae*
 Gratiola - *Scrophulariaceae*
 Groenlandia - *Potamogetonaceae*
 Gymnadenia - *Orchidaceae*
 Gymnocarpium - *Aspidiaceae*
 Gypsophila - *Caryophyllaceae*
 Haberlea - *Gesneriaceae*
 Hainardia - *Poaceae*
 Halimione - *Chenopodiaceae*
 Hammarbya - *Orchidaceae*
 Haplophyllum - *Rutaceae*
 Hedera - *Araliaceae*
 Hedypnois - *Asteraceae*
 Hedysarum - *Fabaceae*
 Helianthemum - *Cistaceae*
 Helianthus - *Asteraceae*
 Helichrysum - *Asteraceae*
 Heliotropium - *Boraginaceae*
 Helleborus - *Ranunculaceae*
 Hepatica - *Ranunculaceae*
 Heptaptera - *Apiaceae*
 Heracleum - *Apiaceae*
 Herminium - *Orchidaceae*
 Herniaria - *Caryophyllaceae*
 Hesperis - *Brassicaceae*
 Heteranthera - *Pontederiaceae*
 Hibiscus - *Malvaceae*
 Hieracium - *Asteraceae*
 Hierochloe - *Poaceae*
 Himantoglossum - *Orchidaceae*
 Hippocrepis - *Fabaceae*
 Hippomarathrum - *Apiaceae*
 Hippophae - *Elaeagnaceae*
 Hippuris - *Hippuridaceae*
 Holcus - *Poaceae*
 Holoschoenus - *Cyperaceae*
 Holosteum - *Caryophyllaceae*
 Homogyne - *Asteraceae*
 Hordelymus - *Poaceae*
 Hordeum - *Poaceae*
 Hornungia - *Brassicaceae*
 Hottonia - *Primulaceae*
 Huetia - *Apiaceae*
 Humulus - *Cannabaceae*
 Huperzia - *Lycopodiaceae*
 Hyacinthella - *Liliaceae*
 Hydrocharis - *Hydrocharitaceae*
 Hymenocarpus - *Fabaceae*
 Hymenolobus - *Brassicaceae*
 Hyoscyamus - *Solanaceae*
 Hypecoum - *Papaveraceae*
 Hypericum - *Hypericaceae*
 Hypochaeris - *Asteraceae*
 Hyssopus - *Lamiaceae*
 Iberis - *Brassicaceae*
 Ilex - *Aquifoliaceae*
 Impatiens - *Balsaminaceae*
 Imperata - *Poaceae*
 Inula - *Asteraceae*
 Iris - *Iridaceae*
 Isatis - *Brassicaceae*
 Isoetes - *Isoetaceae*
 Isolepis - *Cyperaceae*
 Isopyrum - *Ranunculaceae*
 Iva - *Asteraceae*
 Jasione - *Campanulaceae*
 Jasminum - *Oleaceae*
 Jovibarba - *Crassulaceae*
 Juglans - *Juglandaceae*
 Juncus - *Juncaceae*
 Juniperus - *Cupressaceae*
 Jurinea - *Asteraceae*
 Kerneria - *Brassicaceae*
 Kickxia - *Scrophulariaceae*
 Knautia - *Dipsacaceae*
 Kobresia - *Cyperaceae*
 Kochia - *Chenopodiaceae*
 Koeleria - *Poaceae*
 Koelreuteria - *Sapindaceae*

Lactuca - *Asteraceae*
 Lagoecia - *Apiaceae*
 Lagurus - *Poaceae*
 Lamium - *Lamiaceae*
 Lappula - *Boraginaceae*
 Lapsana - *Asteraceae*
 Laser - *Apiaceae*
 Laserpitium - *Apiaceae*
 Lathraea - *Scrophulariaceae*
 Lathyrus - *Fabaceae*
 Laurocerasus - *Rosaceae*
 Lavandula - *Lamiaceae*
 Lavatera - *Malvaceae*
 Leersia - *Poaceae*
 Legousia - *Campanulaceae*
 Lembotropis - *Fabaceae*
 Lemna - *Lemnaceae*
 Lens - *Fabaceae*
 Leontice - *Berberidaceae*
 Leontodon - *Asteraceae*
 Leontopodium - *Asteraceae*
 Leonurus - *Lamiaceae*
 Lepidium - *Brassicaceae*
 Lepidotrichum - *Brassicaceae*
 Lerchenfeldia - *Poaceae*
 Leucanthemella - *Asteraceae*
 Leucanthemum - *Asteraceae*
 Leucojum - *Amaryllidaceae*
 Leymus - *Poaceae*
 Ligularia - *Asteraceae*
 Ligusticum - *Apiaceae*
 Ligustrum - *Oleaceae*
 Lilium - *Liliaceae*
 Limodorum - *Orchidaceae*
 Limonium - *Plumbaginaceae*
 Limosella - *Scrophulariaceae*
 Linaria - *Scrophulariaceae*
 Lindernia - *Scrophulariaceae*
 Linum - *Linaceae*
 Liparis - *Orchidaceae*
 Listera - *Orchidaceae*
 Lithospermum - *Boraginaceae*
 Lloydia - *Liliaceae*
 Logfia - *Asteraceae*
 Lolium - *Poaceae*
 Lonicera - *Caprifoliaceae*
 Lophochloa - *Poaceae*
 Loranthus - *Loranthaceae*
 Lotononis - *Fabaceae*
 Lotus - *Fabaceae*
 Ludwigia - *Onagraceae*
 Lunaria - *Brassicaceae*
 Lupinus - *Fabaceae*
 Luzula - *Juncaceae*
 Lychnis - *Caryophyllaceae*
 Lycium - *Solanaceae*
 Lycopodiella - *Lycopodiaceae*
 Lycopodium - *Lycopodiaceae*
 Lycopsis - *Boraginaceae*
 Lycopus - *Lamiaceae*
 Lysimachia - *Primulaceae*
 Lythrum - *Lythraceae*
 Mahonia - *Berberidaceae*
 Malabayla - *Apiaceae*
 Malcolmia - *Brassicaceae*
 Malus - *Rosaceae*
 Malva - *Malvaceae*
 Malvella - *Malvaceae*
 Maresia - *Brassicaceae*
 Marrubium - *Lamiaceae*
 Marsilea - *Marsileaceae*
 Matricaria - *Asteraceae*
 Matthiola - *Brassicaceae*
 Medicago - *Fabaceae*
 Melampyrum - *Scrophulariaceae*
 Melica - *Poaceae*
 Melilotus - *Fabaceae*
 Melissa - *Lamiaceae*
 Melittis - *Lamiaceae*
 Mentha - *Lamiaceae*
 Menyanthes - *Menyanthaceae*
 Mercurialis - *Euphorbiaceae*
 Merendera - *Liliaceae*
 Mespilus - *Rosaceae*
 Meum - *Apiaceae*
 Mibora - *Poaceae*
 Micromeria - *Lamiaceae*
 Micropyrum - *Poaceae*
 Middendorfia - *Lythraceae*
 Miliium - *Poaceae*
 Mimulus - *Scrophulariaceae*
 Minuartia - *Caryophyllaceae*
 Misopates - *Scrophulariaceae*
 Modiola - *Malvaceae*
 Moehringia - *Caryophyllaceae*
 Moenchia - *Caryophyllaceae*
 Molineriella - *Poaceae*
 Molinia - *Poaceae*
 Mollugo - *Molluginaceae*
 Moneses - *Pyrolaceae*
 Monotropa - *Monotropaceae*
 Montia - *Portulacaceae*
 Morina - *Morinaceae*
 Morus - *Moraceae*
 Muscari - *Liliaceae*
 Myagrum - *Brassicaceae*
 Mycelis - *Asteraceae*
 Myosotis - *Boraginaceae*
 Myosoton - *Caryophyllaceae*
 Myosurus - *Ranunculaceae*
 Myricaria - *Tamaricaceae*
 Myriophyllum - *Haloragaceae*
 Myrrhoides - *Apiaceae*
 Najas - *Najadaceae*
 Narcissus - *Amaryllidaceae*
 Nardus - *Poaceae*
 Nasturtium - *Brassicaceae*
 Neatostema - *Boraginaceae*

Nectaroscordum - *Liliaceae*
 Neottia - *Orchidaceae*
 Nepeta - *Lamiaceae*
 Neslia - *Brassicaceae*
 Nicandra - *Solanaceae*
 Nigella - *Ranunculaceae*
 Nigritella - *Orchidaceae*
 Nonea - *Boraginaceae*
 Nuphar - *Nymphaeaceae*
 Nymphaea - *Nymphaeaceae*
 Nymphoides - *Menyanthaceae*
 Odontites - *Scrophulariaceae*
 Oenanthe - *Apiaceae*
 Oenothera - *Onagraceae*
 Omalotheca - *Asteraceae*
 Onobrychis - *Fabaceae*
 Ononis - *Fabaceae*
 Onopordum - *Asteraceae*
 Onosma - *Boraginaceae*
 Ophioglossum - *Ophioglossaceae*
 Ophrys - *Orchidaceae*
 Opopanax - *Apiaceae*
 Opuntia - *Cactaceae*
 Orchis - *Orchidaceae*
 Origanum - *Lamiaceae*
 Orlaya - *Apiaceae*
 Ornithogalum - *Liliaceae*
 Ornithopus - *Fabaceae*
 Orobanche - *Orobanchaceae*
 Orthilia - *Pyrolaceae*
 Osmunda - *Osmundaceae*
 Ostrya - *Betulaceae*
 Osyris - *Santalaceae*
 Otanthus - *Asteraceae*
 Oxalis - *Oxalidaceae*
 Oxyria - *Polygonaceae*
 Oxytropis - *Fabaceae*
 Paeonia - *Paeoniaceae*
 Paliurus - *Rhamnaceae*
 Pallenis - *Asteraceae*
 Pancratium - *Amaryllidaceae*
 Panicum - *Poaceae*
 Papaver - *Papaveraceae*
 Parapholis - *Poaceae*
 Parentucellia - *Scrophulariaceae*
 Parietaria - *Urticaceae*
 Paris - *Liliaceae*
 Parnassia - *Saxifragaceae*
 Paronychia - *Caryophyllaceae*
 Parthenocissus - *Vitaceae*
 Parvotrisetum - *Poaceae*
 Paspalum - *Poaceae*
 Pastinaca - *Apiaceae*
 Pedicularis - *Scrophulariaceae*
 Peganum - *Zygophyllaceae*
 Pennisetum - *Poaceae*
 Peplis - *Lythraceae*
 Peridictyon - *Poaceae*
 Periploca - *Asclepiadaceae*
 Persicaria - *Polygonaceae*
 Petasites - *Asteraceae*
 Petrorhagia - *Caryophyllaceae*
 Petrosimonia - *Chenopodiaceae*
 Peucedanum - *Apiaceae*
 Phacelia - *Hydrophyllaceae*
 Phacelurus - *Poaceae*
 Phalaris - *Poaceae*
 Phillyrea - *Oleaceae*
 Phleum - *Poaceae*
 Phlomis - *Lamiaceae*
 Pholiurus - *Poaceae*
 Phragmites - *Poaceae*
 Phyllitis - *Aspleniaceae*
 Physalis - *Solanaceae*
 Physospermum - *Apiaceae*
 Phyteuma - *Campanulaceae*
 Phytolacca - *Phytolaccaceae*
 Picea - *Pinaceae*
 Picnomon - *Asteraceae*
 Picris - *Asteraceae*
 Pimpinella - *Apiaceae*
 Pinguicula - *Lentibulariaceae*
 Pinus - *Pinaceae*
 Piptatherum - *Poaceae*
 Pirinia - *Caryophyllaceae*
 Pistacia - *Anacardiaceae*
 Pisum - *Fabaceae*
 Plantago - *Plantaginaceae*
 Platanthera - *Orchidaceae*
 Platanus - *Platanaceae*
 Pleuroteropyrum - *Polygonaceae*
 Pleurospermum - *Apiaceae*
 Plumbago - *Plumbaginaceae*
 Poa - *Poaceae*
 Polycarpon - *Caryophyllaceae*
 Polycnemum - *Chenopodiaceae*
 Polygala - *Polygalaceae*
 Polygonatum - *Liliaceae*
 Polygonum - *Polygonaceae*
 Polypodium - *Polypodiaceae*
 Polypogon - *Poaceae*
 Polystichum - *Aspidiaceae*
 Populus - *Salicaceae*
 Portulaca - *Portulacaceae*
 Potamogeton - *Potamogetonaceae*
 Potentilla - *Rosaceae*
 Prangos - *Apiaceae*
 Prenanthes - *Asteraceae*
 Primula - *Primulaceae*
 Pritzelago - *Brassicaceae*
 Prunella - *Lamiaceae*
 Prunus - *Rosaceae*
 Pseudorchis - *Orchidaceae*
 Pseudotsuga - *Pinaceae*
 Psilurus - *Poaceae*
 Pteridium - *Hypolepidaceae*
 Pterocephalus - *Dipsacaceae*
 Ptilostemon - *Asteraceae*

Puccinellia - *Poaceae*
 Pulicaria - *Asteraceae*
 Pulmonaria - *Boraginaceae*
 Pulsatilla - *Ranunculaceae*
 Pycneus - *Cyperaceae*
 Pyracantha - *Rosaceae*
 Pyrola - *Pyrolaceae*
 Pyrus - *Rosaceae*
 Quercus - *Fagaceae*
 Queria - *Caryophyllaceae*
 Radiola - *Linaceae*
 Ramonda - *Gesneriaceae*
 Ranunculus - *Ranunculaceae*
 Raphanus - *Brassicaceae*
 Rapistrum - *Brassicaceae*
 Reichardia - *Asteraceae*
 Reseda - *Resedaceae*
 Rhagadiolus - *Asteraceae*
 Rhamnus - *Rhamnaceae*
 Rheum - *Polygonaceae*
 Rhinanthus - *Scrophulariaceae*
 Rhodax - *Cistaceae*
 Rhodiola - *Crassulaceae*
 Rhododendron - *Ericaceae*
 Rhus - *Anacardiaceae*
 Rhynchocorys - *Scrophulariaceae*
 Ribes - *Saxifragaceae*
 Rindera - *Boraginaceae*
 Robinia - *Fabaceae*
 Rochelia - *Boraginaceae*
 Roemeria - *Papaveraceae*
 Romulea - *Iridaceae*
 Rorippa - *Brassicaceae*
 Rosa - *Rosaceae*
 Rubia - *Rubiaceae*
 Rubus - *Rosaceae*
 Rumex - *Polygonaceae*
 Ruppia - *Ruppiaceae*
 Ruscus - *Liliaceae*
 Ruta - *Rutaceae*
 Sagina - *Caryophyllaceae*
 Sagittaria - *Alismataceae*
 Salicornia - *Chenopodiaceae*
 Salix - *Salicaceae*
 Salsola - *Chenopodiaceae*
 Salvia - *Lamiaceae*
 Salvinia - *Salviniaceae*
 Sambucus - *Caprifoliaceae*
 Samolus - *Primulaceae*
 Sanguisorba - *Rosaceae*
 Sanicula - *Apiaceae*
 Saponaria - *Caryophyllaceae*
 Satureja - *Lamiaceae*
 Saussurea - *Asteraceae*
 Saxifraga - *Saxifragaceae*
 Scabiosa - *Dipsacaceae*
 Scandix - *Apiaceae*
 Schivereckia - *Brassicaceae*
 Schoenoplectus - *Cyperaceae*
 Schoenus - *Cyperaceae*
 Scilla - *Liliaceae*
 Scirpus - *Cyperaceae*
 Scleranthus - *Caryophyllaceae*
 Sclerochloa - *Poaceae*
 Scolymus - *Asteraceae*
 Scorpiurus - *Fabaceae*
 Scorzonera - *Asteraceae*
 Scrophularia - *Scrophulariaceae*
 Scutellaria - *Lamiaceae*
 Secale - *Poaceae*
 Securigera - *Fabaceae*
 Sedum - *Crassulaceae*
 Selaginella - *Selaginellaceae*
 Selinum - *Apiaceae*
 Sempervivum - *Crassulaceae*
 Senecio - *Asteraceae*
 Serapias - *Orchidaceae*
 Serratula - *Asteraceae*
 Seseli - *Apiaceae*
 Sesleria - *Poaceae*
 Setaria - *Poaceae*
 Sherardia - *Rubiaceae*
 Sibbaldia - *Rosaceae*
 Sicyos - *Cucurbitaceae*
 Sideritis - *Lamiaceae*
 Sieglingia - *Poaceae*
 Silaum - *Apiaceae*
 Silene - *Caryophyllaceae*
 Silphium - *Asteraceae*
 Silybum - *Asteraceae*
 Sinapis - *Brassicaceae*
 Sison - *Apiaceae*
 Sisymbrium - *Brassicaceae*
 Sisyrinchium - *Iridaceae*
 Sium - *Apiaceae*
 Smilax - *Smilacaceae*
 Smyrniium - *Apiaceae*
 Solanum - *Solanaceae*
 Soldanella - *Primulaceae*
 Solidago - *Asteraceae*
 Sonchus - *Asteraceae*
 Sorbus - *Rosaceae*
 Sorghum - *Poaceae*
 Sparganium - *Sparganiaceae*
 Spartium - *Fabaceae*
 Spergula - *Caryophyllaceae*
 Spergularia - *Caryophyllaceae*
 Spiraea - *Rosaceae*
 Spiranthes - *Orchidaceae*
 Spirodela - *Lemnaceae*
 Sporobolus - *Poaceae*
 Stachys - *Lamiaceae*
 Staphylea - *Staphyleaceae*
 Stefanoffia - *Apiaceae*
 Stellaria - *Caryophyllaceae*
 Steptorhamphus - *Asteraceae*
 Sternbergia - *Amaryllidaceae*
 Stipa - *Poaceae*

Stratiotes - *Hydrocharitaceae*
 Streptopus - *Liliaceae*
 Suaeda - *Chenopodiaceae*
 Subularia - *Brassicaceae*
 Succisa - *Dipsacaceae*
 Swertia - *Gentianaceae*
 Symphyandra - *Campanulaceae*
 Symphytum - *Boraginaceae*
 Syringa - *Oleaceae*
 Taeniatherum - *Poaceae*
 Tamarix - *Tamaricaceae*
 Tamus - *Dioscoreaceae*
 Tanacetum - *Asteraceae*
 Taraxacum - *Asteraceae*
 Taxus - *Taxaceae*
 Teesdalia - *Brassicaceae*
 Telekia - *Asteraceae*
 Tetragonolobus - *Fabaceae*
 Teucrium - *Lamiaceae*
 Thalictrum - *Ranunculaceae*
 Theligonum - *Theligonaceae*
 Thelypteris - *Thelypteridaceae*
 Thesium - *Santalaceae*
 Thlaspi - *Brassicaceae*
 Thymelaea - *Thymeleaceae*
 Thymus - *Lamiaceae*
 Tilia - *Tiliaceae*
 Tolpis - *Asteraceae*
 Tordylium - *Apiaceae*
 Torilis - *Apiaceae*
 Tozzia - *Scrophulariaceae*
 Trachelium - *Campanulaceae*
 Trachomitum - *Apocynaceae*
 Trachynia - *Poaceae*
 Trachystemon - *Boraginaceae*
 Tragopogon - *Asteraceae*
 Tragus - *Poaceae*
 Trapa - *Trapaceae*
 Traunsteinera - *Orchidaceae*
 Tremastelma - *Dipsacaceae*
 Tribulus - *Zygophyllaceae*
 Trichophorum - *Cyperaceae*
 Trifolium - *Fabaceae*
 Triglochin - *Juncaginaceae*
 Trigonella - *Fabaceae*
 Trinia - *Apiaceae*
 Trisetum - *Poaceae*
 Triticum - *Poaceae*
 Trollius - *Ranunculaceae*
 Tuberaria - *Cistaceae*
 Tulipa - *Liliaceae*
 Turgenia - *Apiaceae*
 Turgeniopsis - *Apiaceae*
 Tussilago - *Asteraceae*
 Typha - *Typhaceae*
 Tyrimnus - *Asteraceae*
 Ulmus - *Ulmaceae*
 Umbilicus - *Crassulaceae*
 Urospermum - *Asteraceae*
 Urtica - *Urticaceae*
 Utricularia - *Lentibulariaceae*
 Vaccaria - *Caryophyllaceae*
 Vaccinium - *Ericaceae*
 Valeriana - *Valerianaceae*
 Valerianella - *Valerianaceae*
 Vallisneria - *Hydrocharitaceae*
 Velezia - *Caryophyllaceae*
 Ventenata - *Poaceae*
 Veratrum - *Liliaceae*
 Verbascum - *Scrophulariaceae*
 Verbena - *Verbenaceae*
 Veronica - *Scrophulariaceae*
 Viburnum - *Caprifoliaceae*
 Vicia - *Fabaceae*
 Vinca - *Apocynaceae*
 Vincetoxicum - *Asclepiadaceae*
 Viola - *Violaceae*
 Viscaria - *Caryophyllaceae*
 Viscum - *Loranthaceae*
 Vitex - *Verbenaceae*
 Vitis - *Vitaceae*
 Vulpia - *Poaceae*
 Waldsteinia - *Rosaceae*
 Wolffia - *Lemnaceae*
 Xanthium - *Asteraceae*
 Xeranthemum - *Asteraceae*
 Zannichellia - *Zannichelliaceae*
 Ziziphora - *Lamiaceae*
 Ziziphus - *Rhamnaceae*
 Zostera - *Zosteraceae*
 Zygophyllum - *Zygophyllaceae*

СПИСЪК НА СЕМЕЙСТВОТА И ВКЛЮЧЕНИТЕ В ТЯХ РОДОВЕ

LIST OF THE FAMILIES AND THEIR GENERA

- Acanthaceae** - Acanthus
Aceraceae - Acer
Adiantaceae - Adiantum
Adoxaceae - Adoxa
Alismataceae - Alisma, Caldesia, Sagittaria
Amaranthaceae - Amaranthus
Amaryllidaceae - Galanthus, Leucojum, Narcissus, Pancratium, Sternbergia
Anacardiaceae - Cotinus, Pistacia, Rhus
Apiaceae (*Umbelliferae*) - Aegopodium, Aethusa, Anethum, Angelica, Anthriscus, Apium, Aстранtia, Astrodaucus, Berula, Bifora, Bunium, Bupleurum, Cachrys, Carum, Caulis, Chaerophyllum, Cicuta, Cnidium, Conium, Coriandrum, Crithmum, Daucus, Echinophora, Eclipta, Eryngium, Falcaria, Ferula, Ferulago, Foeniculum, Heptaptera, Heracleum, Hippomarathrum, Huetia, Lagoecia, Laser, Laserpitium, Ligusticum, Malabayla, Meum, Myrrhoides, Oenanthe, Opopanax, Orlaya, Pastinaca, Peucedanum, Physospermum, Pimpinella, Pleurospermum, Prangos, Sanicula, Scandix, Selinum, Seseli, Silaum, Sison, Sium, Smyrnum, Stefanoffia, Tordylium, Torilis, Trinia, Turgenia, Turgeniopsis
Apocynaceae - Trachomitum, Vinca
Aquifoliaceae - Ilex
Araceae - Acorus, Arum, Dracunculus
Araliaceae - Hedera
Aristolochiaceae - Aristolochia, Asarum
Asclepiadaceae - Asclepias, Cionura, Cynanchum, Periploca, Vincetoxicum
Aspidiaceae - Dryopteris, Gymnocarpium, Polystichum
Aspleniaceae - Asplenium, Ceterach, Phyllitis
Asteraceae (*Compositae*) - Achillea, Adenostyles, Ambrosia, Antennaria, Anthemis, Arctium, Arnica, Artemisia, Aster, Asteriscus, Bellis, Bidens, Bombycilaena, Calendula, Carduus, Carlina, Carpesium, Carthamus, Centaurea, Cephalorrhynchus, Chondrilla, Cicerbita, Cichorium, Cirsium, Cnicus, Conyza, Crepis, Crupina, Dittrichia, Doronicum, Echinops, Erigeron, Eupatorium, Filaginella, Filago, Galinsoga, Gnaphalium, Hedychnois, Helianthus, Helichrysum, Hieracium, Homogyne, Hypochaeris, Inula, Iva, Jurinea, Lactuca, Lapsana, Leontodon, Leontopodium, Leucanthemella, Leucanthemum, Ligularia, Logfia, Matricaria, Mycelis, Omalotheca, Onopordum, Otanthus, Pallenis, Petasites, Picnomon, Picris, Prenanthes, Ptilostemon, Pulicaria, Reichardia, Rhagadiolus, Saussurea, Scolymus, Scorzonera, Senecio, Serratula, Silphium, Silybum, Solidago, Sonchus, Steptorhamphus, Tanacetum, Taraxacum, Telekia, Tolpis, Tragopogon, Tussilago, Tyrimnus, Urospermum, Xanthium, Xeranthemum
Athyriaceae - Athyrium, Cystopteris
Azollaceae - Azolla
Balsaminaceae - Impatiens
Berberidaceae - Berberis, Epimedium, Leontice, Mahonia
Betulaceae - Alnus, Betula, Carpinus, Corylus, Ostrya
Bignoniaceae - Catalpa
Blechnaceae - Blechnum
Boraginaceae - Alkanna, Anchusa, Argusia, Asperugo, Buglossoides, Cerinthe, Cynoglossum, Echium, Heliotropium, Lappula, Lithospermum, Lycopsis,

Myosotis, Neatostema, Nonea, Onosma, Pulmonaria, Rindera, Rochelia, Symphytum, Trachystemon

Brassicaceae (*Cruciferae*) - Aethionema, Alliaria, Alyssoides, Alyssum, Andrzejowskia, Arabidopsis, Arabis, Armoracia, Aubrieta, Aurinia, Barbarea, Berteroa, Brassica, Bunias, Cakile, Calepina, Camelina, Capsella, Cardamine, Cardaminopsis, Cardaria, Chorispora, Clypeola, Conringia, Coronopus, Crambe, Descurainia, Diplotaxis, Draba, Erophila, Eruca, Erysimum, Euclidium, Fibigia, Hesperis, Hornungia, Hymenolobus, Iberis, Isatis, Kerneria, Lepidium, Lepidotrichum, Lunaria, Malcolmia, Maresia, Matthiola, Myagrum, Nasturtium, Neslia, Pritzelago, Raphanus, Rapistrum, Rorippa, Schivereckia, Sinapis, Sisymbrium, Subularia, Teesdalia, Thlaspi

Butomaceae - Butomus

Cactaceae - Opuntia

Callitrichaceae - Callitriche

Campanulaceae - Asyneuma, Campanula, Edraianthus, Jasione, Legousia, Phyteuma, Symphyandra, Trachelium

Cannabaceae - Canabis, Humulus

Capparidaceae - Cleome

Caprifoliaceae - Lonicera, Sambucus, Viburnum

Caryophyllaceae - Agrostemma, Arenaria, Bufonia, Cerastium, Corrigiola, Cucubalus, Dianthus, Gypsophila, Herniaria, Holosteum, Lychnis, Minuartia, Moehringia, Moenchia, Myosoton, Paronychia, Petrorhagia, Pirinia, Polycarpon, Queria, Sagina, Saponaria, Scleranthus, Silene, Spargula, Spargularia, Stellaria, Vaccaria, Velezia, Viscaria

Celastraceae - Evonymus

Ceratophyllaceae - Ceratophyllum

Chenopodiaceae - Atriplex, Bassia, Beta, Camphorosma, Ceratocarpus, Chenopodium, Corispermum, Halimione, Kochia, Petrosimonia, Polycnemum, Salicornia, Salsola, Suaeda

Cistaceae - Cistus, Fumana, Helianthemum, Rhodax, Tuberaria

Commelinaceae - Commelina

Convolvulaceae - Calystegia, Convolvulus, Cressa

Cornaceae - Cornus

Crassulaceae - Crassula, Jovibarba, Rhodiola, Sedum, Sempervivum, Umbilicus

Cryptogrammaceae - Cryptogramma

Cucurbitaceae - Bryonia, Citrullus, Ecballium, Echinocystis, Sicyos

Cupressaceae - Juniperus

Cuscutaceae - Cuscuta

Cyperaceae - Acorellus, Blysmus, Bolboschoenus, Carex, Cladium, Cyperus, Dichostylis, Eleocharis, Eriophorum, Fimbristylis, Galilea, Holoschoenus, Isolepis, Kobresia, Pycneus, Schoenoplectus, Schoenus, Scirpus, Trichophorum

Dioscoreaceae - Tamus

Dipsacaceae - Cephalaria, Dipsacus, Knautia, Pteroccephalus, Scabiosa, Succisa, Tremastelma

Droseraceae - Aldrovanda, Drosera

Elaeagnaceae - Elaeagnus, Hippophae

Elatinaceae - Elatine

Empetraceae - Empetrum

Ephedraceae - Ephedra

Equisetaceae - Equisetum

Ericaceae - Arbutus, Arctostaphylos, Bruckenthalia, Calluna, Erica, Rhododendron, Vaccinium

Euphorbiaceae - Acalypha, Andrachne, Chrozophora, Euphorbia, Mercurialis

Fabaceae (*Papilionaceae*) – Amorpha, Anthyllis, Astracantha, Astragalus, Biserrula, Bituminaria, Caragana, Cercis, Chamaecytisus, Chamaespartium, Cicer, Colutea, Coronilla, Corothamnus, Dorycnium, Galega, Genista, Gleditsia, Glycyrrhiza, Hedysarum, Hippocrepis, Hymenocarpus, Lathyrus, Lembotropis, Lens, Lotononis, Lotus, Lupinus, Medicago, Melilotus, Onobrychis, Ononis, Ornithopus, Oxytropis, Pisum, Robinia, Scorpiurus, Securigera, Spartium, Tetragonolobus, Trifolium, Trigonella, Vicia

Fagaceae - Castanea, Fagus, Quercus

Frankeniaceae - Frankenia

Gentianaceae - Blackstonia, Centaurium, Gentiana, Gentianella, Swertia

Geraniaceae - Erodium, Geranium

Gesneriaceae - Haberlea, Ramonda

Globulariaceae - Globularia

Haloragaceae - Myriophyllum

Hippocastanaceae - Aesculus

Hippuridaceae - Hippuris

Hydrocharitaceae - Elodea, Hydrocharis, Stratiotes, Vallisneria

Hydrophyllaceae - Phacelia

Hypericaceae (*Guttiferae*) - Hypericum

Hypolepidaceae - Pteridium

Iridaceae - Crocus, Gladiolus, Iris, Romulea, Sisyrinchium

Isoetaceae - Isoetes

Juglandaceae - Juglans

Juncaceae - Juncus, Luzula

Juncaginaceae - Triglochin

Lamiaceae (*Labiatae*) - Acinos, Ajuga, Ballota, Betonica, Calamintha, Clinopodium, Dracocephalum, Galeopsis, Glechoma, Hyssopus, Lamium, Lavandula, Leonurus, Lycopus, Marrubium, Melissa, Melittis, Mentha, Micromeria, Nepeta, Origanum, Phlomis, Prunella, Salvia, Satureja, Scutellaria, Sideritis, Stachys, Teucrium, Thymus, Ziziphora

Lemnaceae - Lemna, Spirodela, Wolffia

Lentibulariaceae - Pinguicula, Utricularia

Liliaceae – Allium, Anthericum, Asparagus, Asphodeline, Asphodelus, Bellevalia, Colchicum, Convallaria, Erythronium, Fritillaria, Gagea, Hyacinthella, Lilium, Lloydia, Merendera, Muscari, Nectaroscordum, Ornithogalum, Paris, Polygonatum, Ruscus, Scilla, Streptopus, Tulipa, Veratrum

Linaceae - Linum, Radiola

Loranthaceae - Arceutobium, Loranthus, Viscum

Lycopodiaceae - Diphasiastrum, Huperzia, Lycopodiella, Lycopodium

Lythraceae - Ammannia, Lythrum, Middendorfia, Peplis

Malvaceae - Abutilon, Alcea, Althaea, Hibiscus, Lavatera, Malva, Malvella, Modiola

Marsileaceae - Marsilea

Menyanthaceae - Menyanthes, Nymphoides

Molluginaceae - Glinus, Mollugo

Monotropaceae - Monotropa

Moraceae – Broussonetia, Ficus, Morus

Morinaceae - Morina

Najadaceae - Najas

Nymphaeaceae - Nuphar, Nymphaea

Oleaceae - Fraxinus, Jasminum, Ligustrum, Phillyrea, Syringa

Onagraceae - Circaea, Epilobium, Ludwigia, Oenothera

Ophioglossaceae - Botrychium, Ophioglossum

Orchidaceae - Anacamptis, Cephalanthera, Coeloglossum, Corallorhiza, Cypripedium, Dactylorhiza, Epipactis, Epipogium, Goodyera, Gymnadenia, Hammarbya, Herminium, Himantoglossum, Limodorum, Liparis, Listera, Neottia, Nigritella, Ophrys, Orchis, Platanthera, Pseudorchis, Serapias, Spiranthes, Traunsteinera

Orobanchaceae - Orobanche

Osmundaceae - Osmunda

Oxalidaceae - Oxalis

Paeoniaceae - Paeonia

Papaveraceae - Chelidonium, Corydalis, Fumaria, Glaucium, Hypecoum, Papaver, Roemeria

Phytolaccaceae - Phytolacca

Pinaceae - Abies, Picea, Pinus, Pseudotsuga

Plantaginaceae - Plantago

Platanaceae - Platanus

Plumbaginaceae - Armeria, Goniolimon, Limonium, Plumbago

Poaceae (*Gramineae*) - Achnatherum, Aegilops, Aeluropus, Agropyron, Agrostis, Aira, Alopecurus, Ammophila, Anthoxanthum, Apera, Arrhenatherum, Avena, Avenula, Beckmannia, Bellardiochloa, Brachiaria, Brachypodium, Briza, Bromus, Calamagrostis, Catabrosa, Cenchrus, Chrysopogon, Cleistogenes, Corynephorus, Crypsis, Cynodon, Cynosurus, Dactylis, Danthonia, Danthoniastrum, Dasypyrum, Deschampsia, Desmazeria, Dichanthium, Digitaria, Echinaria, Echinochloa, Eleusine, Elymus, Eragrostis, Erianthus, Festuca, Festulolium, Gastridium, Gaudinia, Glyceria, Hainardia, Hierochloa, Holcus, Hordelymus, Hordeum, Imperata, Koeleria, Lagurus, Leersia, Lerchenfeldia, Leymus, Lolium, Lophochloa, Melica, Mibora, Micropyrum, Miliium, Molineriella, Molinia, Nardus, Panicum, Parapholis, Parvotrisetum, Paspalum, Pennisetum, Peridictyon, Phacelurus, Phalaris, Phleum, Pholiurus, Phragmites, Piptatherum, Poa, Polypogon, Psilurus, Puccinellia, Sclerochloa, Secale, Sesleria, Setaria, Sieglingia, Sorghum, Sporobolus, Stipa, Taeniatherum, Trachynia, Tragus, Trisetum, Triticum, Ventenata, Vulpia

Polygalaceae - Polygala

Polygonaceae - Bilderdykia, Bistorta, Fallopia, Oxyria, Persicaria, Pleuropterygium, Polygonum, Rheum, Rumex

Polypodiaceae - Polypodium

Pontederiaceae - Heteranthera

Portulacaceae - Montia, Portulaca

Potamogetonaceae - Groenlandia, Potamogeton

Primulaceae - Anagalis, Androsace, Asterolinon, Cortusa, Cyclamen, Hottonia, Lysimachia, Primula, Samolus, Soldanella

Pyrolaceae - Moneses, Orthilia, Pyrola

Rafflesiaceae - Cytinus

Ranunculaceae - Aconitum, Actaea, Adonis, Anemone, Aquilegia, Caltha, Ceratocephalus, Clematis, Consolida, Delphinium, Eranthis, Helleborus, Hepatica, Isopyrum, Myosurus, Nigella, Pulsatilla, Ranunculus, Thalictrum, Trollius

Resedaceae - Reseda

Rhamnaceae - Frangula, Paliurus, Rhamnus, Ziziphus

Rosaceae - Agrimonia, Alchemilla, Amelanchier, Amygdalus, Aphanes, Aremonia, Cotoneaster, Crataegus, Dryas, Duchesnea, Eriolobus, Filipendula, Fragaria, Geum, Laurocerasus, Malus, Mespilus, Potentilla, Prunus, Pyracantha, Pyrus, Rosa, Rubus, Sanguisorba, Sibbaldia, Sorbus, Spiraea, Waldsteinia

Rubiaceae - Asperula, Crucianella, Cruciata, Galium, Rubia, Sherardia

Ruppiaceae - Ruppia

Rutaceae - Dictamnus, Haplophyllum, Ruta

Salicaceae - Populus, Salix
Salviniaceae - Salvinia
Santalaceae - Comandra, Osyris, Thesium
Sapindaceae - Koelreuteria
Saxifragaceae - Chrysosplenium, Parnassia, Ribes, Saxifraga
Scrophulariaceae - Antirrhinum, Bartsia, Bellardia, Chaenorhinum, Cymbalaria, Digitalis, Euphrasia, Gratiola, Kickxia, Lathraea, Limosella, Linaria, Lindernia, Melampyrum, Mimulus, Misopates, Odontites, Parentucellia, Pedicularis, Rhinanthus, Rhynchosocorys, Scrophularia, Tozzia, Verbascum, Veronica
Selaginellaceae - Selaginella
Simaroubaceae - Ailanthus
Sinopteridaceae - Cheilanthes
Smilacaceae - Smilax
Solanaceae - Atropa, Datura, Hyoscyamus, Lycium, Nicandra, Physalis, Solanum
Sparganiaceae - Sparganium
Staphyleaceae - Staphylea
Tamaricaceae - Myricaria, Tamarix
Taxaceae - Taxus
Theligonaceae - Theligonum
Thelypteridaceae - Thelypteris
Thymeleaceae - Daphne, Thymelaea
Tiliaceae - Tilia
Trapaceae - Trapa
Typhaceae - Typha
Ulmaceae - Celtis, Ulmus
Urticaceae - Parietaria, Urtica
Valerianaceae - Centranthus, Valeriana, Valerianella
Verbenaceae - Verbena, Vitex
Violaceae - Viola
Vitaceae - Parthenocissus, Vitis
Zannichelliaceae - Zannichelia
Zosteraceae - Zostera
Zygophyllaceae - Peganum, Tribulus, Zygophyllum

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КОНСПЕКТ НА ВИСШАТА ФЛОРА НА БЪЛГАРИЯ

Хорология и флорни елементи

(Четвърто допълнено и преработено издание)

Съставители:

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Под общата редакция на:

Борис Асьов
Антоанета Петрова

Оформление на корицата:

Красимир Апостолов

С О Ф И Я 2 0 1 2

Конспектът на Висшата флора на България – четвърто допълнено и преработено издание – съдържа информация за 4102 вида растения, с карти за разпространението им в България по флорни райони, вертикални граници на разпространение, флорни елементи и статус на защита според Закона за биологичното разнообразие.

Конспектът е издание на Българска фондация “Биоразнообразие” (БФБ) – неправителствена организация, чиято мисия е да допринесе за опазването на биологичното разнообразие и природното наследство на България. Фондацията подпомага организациите, ангажирани с биоразнообразието, стимулира участието на местните общности в управлението на природните ресурси и защитените територии, и допринася за обществената ангажираност към проблемите на природозащитата.

The Conspectus of the vascular flora of Bulgaria – fourth revised and enlarged edition – contains information about 4102 species of plants, with distribution maps according to the floristic regions, vertical range of distribution, floristic elements and protection status according to the Biodiversity Act.

The Conspectus is published by the Bulgarian Biodiversity Foundation – a non-governmental organisation, which mission is to support the conservation of the biodiversity and the natural heritage of Bulgaria. The Foundation supports the nature conservation organisations, the involvement of the local communities in the management of natural resources and protected territories, and contributes to the public awareness concerning the nature conservation.

БЪЛГАРСКА ФОНДАЦИЯ БИОРАЗНООБРАЗИЕ

BULGARIAN BIODIVERSITY FOUNDATION

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