

Ethnobotany. Lecture 11

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Outline

- 1 Starch-containing plants
 - Lesser starch-containing plants



Starch-containing plants

Lesser starch-containing plants



Bread tree, *Artocarpus integer*

- Large tree of mulberry family, Moraceae
- Polynesian origin
- Has a compound “fruit”—ripe inflorescence
- A common product is a cooked or **fermented** breadfruit mash
- It is normally kept for the very long time as a sour dough which helps for Polynesian traditional life style, involving long travels from island to island.



Breadfruit



Breadfruit fermentation place, Marshall islands



Summary

- **Starch-containing plants** are accumulating starch or inulin in underground parts
- Sweet potatoes and cassava (manioc) are two largest starch sources after potato
- Multiple unrelated tuber starch-bearing species grow in Andes



For Further Reading



A. Shipunov.

Ethnobotany [Electronic resource].

2011—onwards.

Mode of access:

http://ashipunov.info/shipunov/school/biol_310



P. M. Zhukovskij.

Cultivated plants and their wild relatives [Electronic resource].

Commonwealth Agricultural Bureaux, 1962. Abridged translation from Russian.

Mode of access:

http://ashipunov.info/shipunov/school/biol_310/zhukovskij1962_cultivated_plants.djvu.

