

Bananas

Reading:

- Banana Poster In Hallway
- ProMusa Site (<http://www.promusa.org/>)



The image contains a photograph of a banana plant in a conservatory on the right and a bunch of green and yellow bananas on the left. A small "BotanY" logo is in the top right corner of the image area.

A. Historical Context

1. Systematics

a. Taxonomy

Phylum: Anthophyta (Angiosperms)
Class: Monocotyledonag (Monocots)
Order: Zingiberales (Gingers & Allies)
Family: Musaceae (bananas & relatives)
Genus: *Musa* (Bananas, ca. 70 spp)

Principal Cultivated Species:
Musa acuminata
M. balbisiana
M. x paradisiaca
M. basjoo
M. textilis



The image contains a photograph of a banana plant on the right. A small "BotanY" logo is in the top right corner of the image area.

A. Morphology & Systematics

1. Systematics

a. Taxonomy

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A. Morphology & Systematics

1. Systematics

a. Taxonomy
b. Distribution

Native Range:



A. Morphology & Systematics

1. Systematics

a. Taxonomy
b. Distribution

Cultivation:







A. Morphology & Systematics

1. Systematics

2. Morphology of the Banana Tree

a. Vegetative

Leaf blade

Petiole

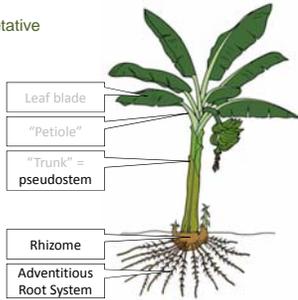
Trunk

A. Morphology & Systematics



- 1. Systematics
- 2. Morphology of the Banana Tree

a. Vegetative



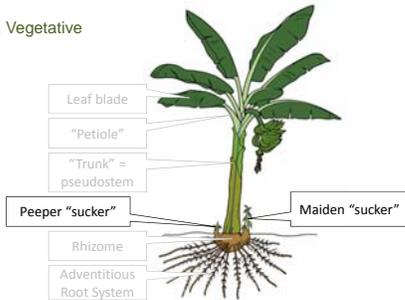


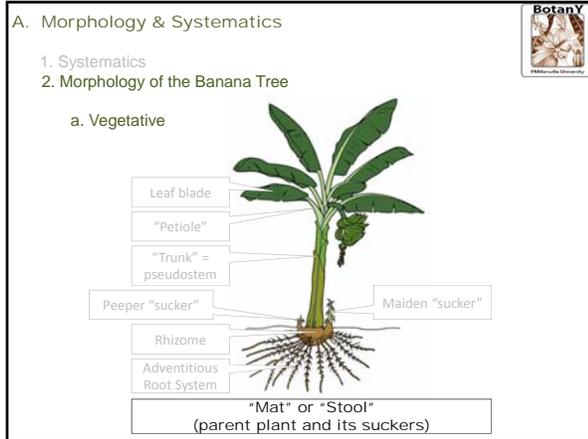
A. Morphology & Systematics

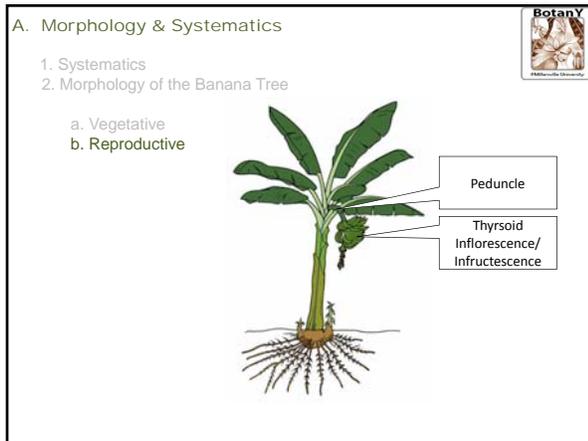


- 1. Systematics
- 2. Morphology of the Banana Tree

a. Vegetative





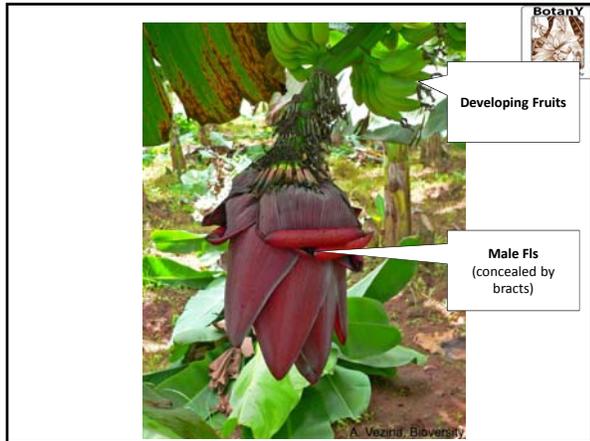


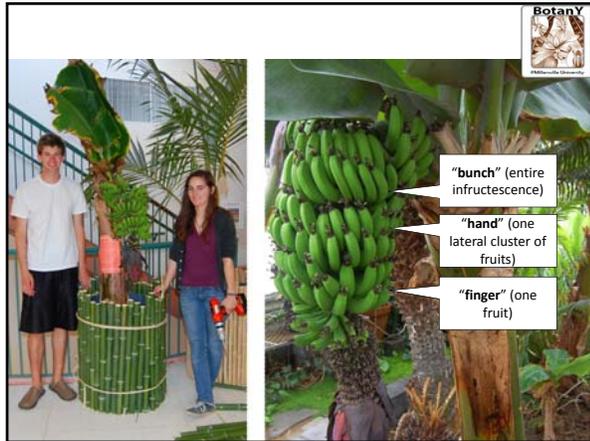






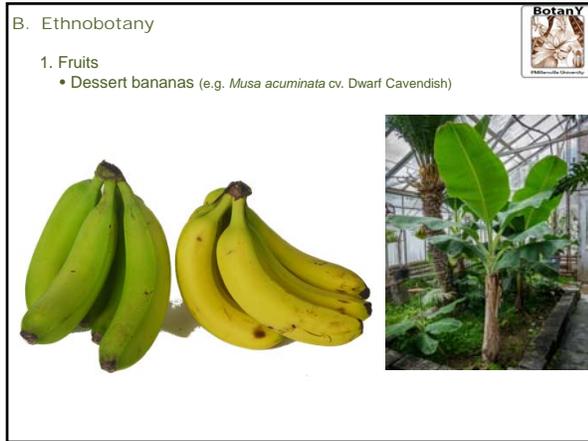


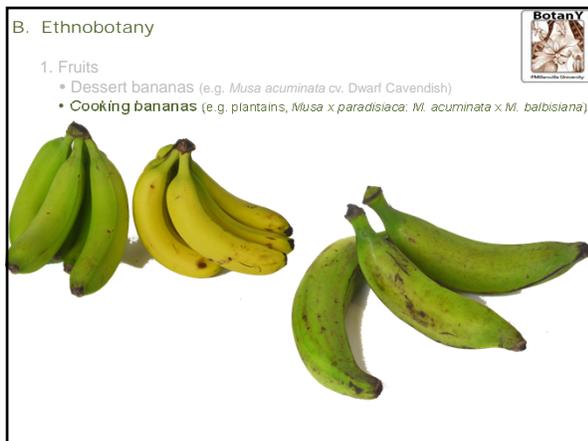












B. Ethnobotany



1. Fruits

- Dessert bananas (e.g. *Musa acuminata* cv. Dwarf Cavendish)
- Cooking bananas (e.g. plantains, *Musa x paradisiaca*: *M. acuminata* x *M. balbisiana*)
- Seedless due to 3n & parthenocarp



www.promusa.org

B. Ethnobotany



1. Fruits

2. Ornamentals

3. Leaves

- a. plates, steaming/cooking wraps



B. Ethnobotany



1. Fruits

2. Ornamentals

3. Leaves

- a. plates, steaming/cooking wraps



B. Ethnobotany



1. Fruits
 2. Ornamentals
 3. Leaves
 - a. plates, steaming/cooking wraps
 - b. fibers for cordage, crafts, accessory, textiles
- e.g. Manila Hemp, Abacá (*M. textilis*)
e.g. Japanese Fiber Banana (*M. basjoo*)



- <https://www.youtube.com/watch?v=DWBCJ7yUjVs>
- Manila Hemp Fiber extraction

<https://www.youtube.com/watch?v=1CVCHAD6Uj0>
