


A. Historical Context

1. Systematics

a. Taxonomy

Phylum: Anthophyta (Angiosperms)
Class: Monocotyledonae (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




A. Morphology & Systematics

1. Systematics

a. Taxonomy

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A. Morphology & Systematics

1. Systematics

a. Taxonomy
b. Distribution

Native Range:




Botany
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A. Morphology & Systematics

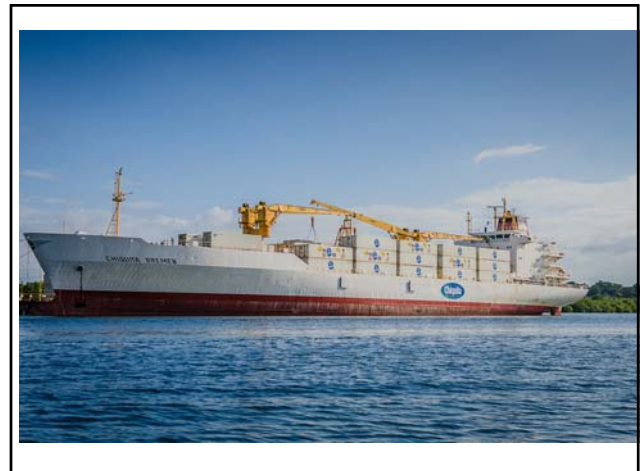
1. Systematics

a. Taxonomy
b. Distribution

Cultivation:



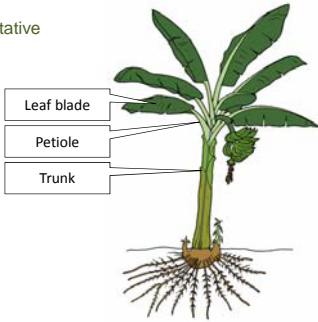
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Philippine University



A. Morphology & Systematics

1. Systematics
2. Morphology of the Banana Tree

a. Vegetative



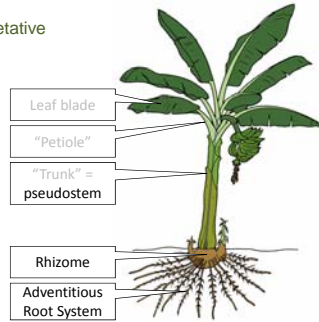
Leaf blade
Petiole
Trunk

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A. Morphology & Systematics

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Leaf blade
"Petiole"
"Trunk" = pseudostem
Rhizome
Adventitious Root System

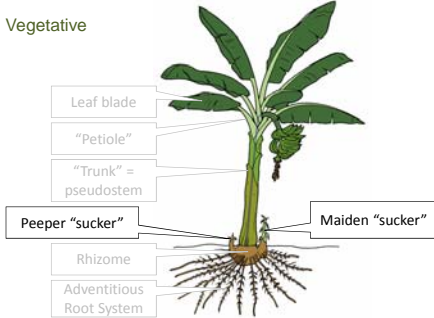
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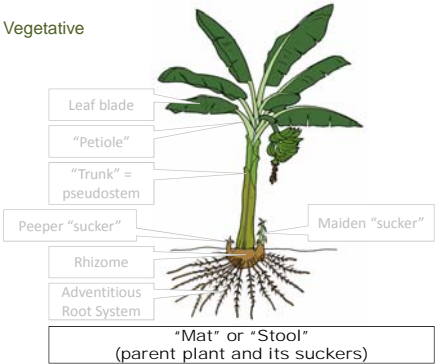
Leaf blade
"Petiole"
"Trunk" = pseudostem
Peeper "sucker"
Rhizome
Adventitious Root System
Maiden "sucker"

Botany
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A. Morphology & Systematics

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Leaf blade

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Peeper "sucker"

Rhizome

Adventitious Root System

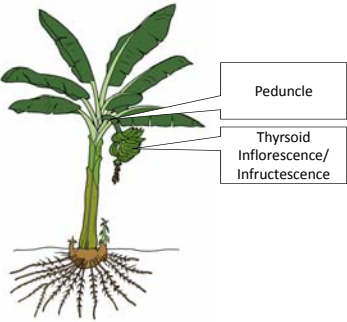
Maiden "sucker"

"Mat" or "Stool" (parent plant and its suckers)

A. Morphology & Systematics

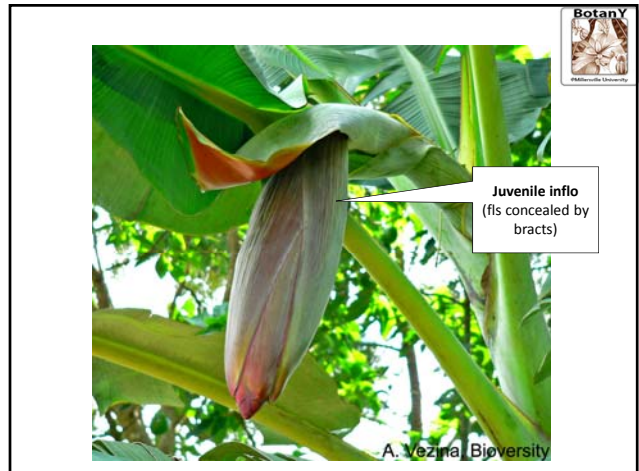
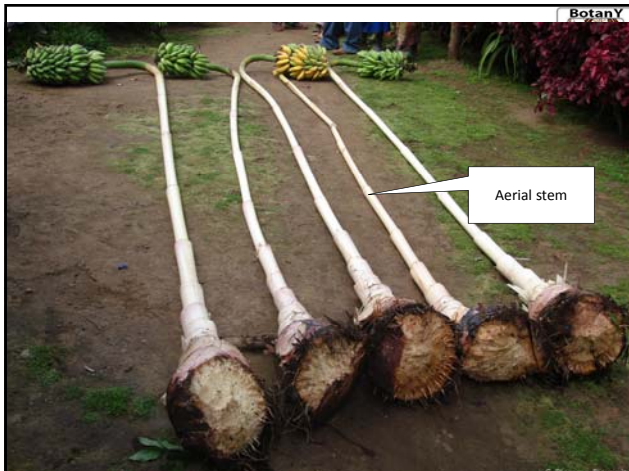
1. Systematics
2. Morphology of the Banana Tree

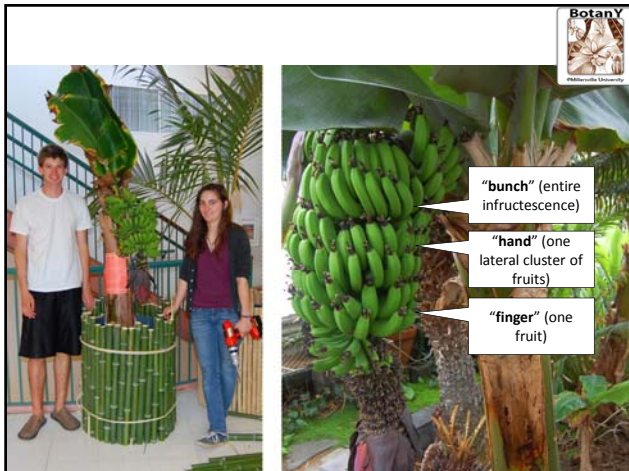
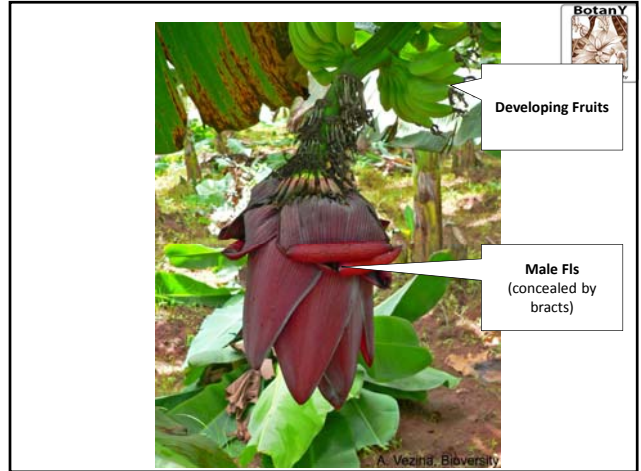
a. Vegetative
b. Reproductive

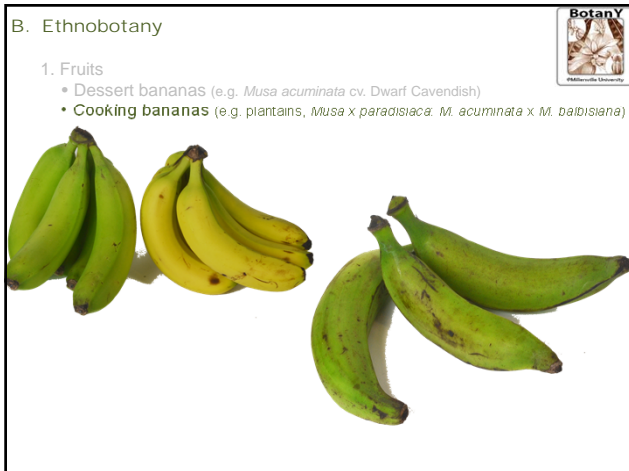
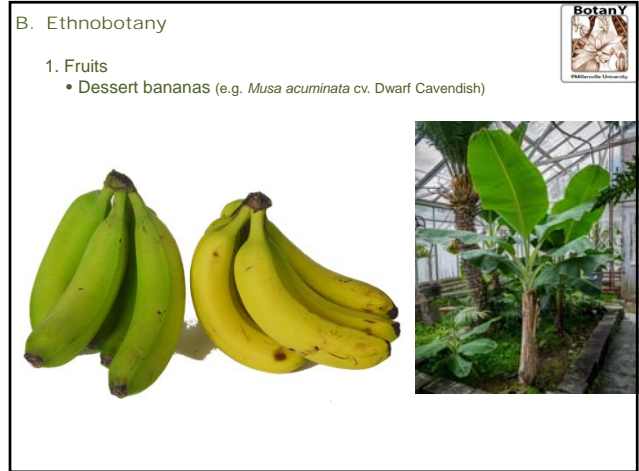


Peduncle

Thyrsoid Inflorescence/Inflorescence








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=1CVCHAD6ujo>