


I. Overview


B. Morphology



- Drupe (pitted fruit) with fibrous outer wall ("husk")

I. Overview


B. Morphology



- Drupe (pitted fruit) with fibrous outer wall ("husk")
- Pit delimited by the sclereid-rich inner fruit wall (endocarp)

I. Overview

B. Morphology



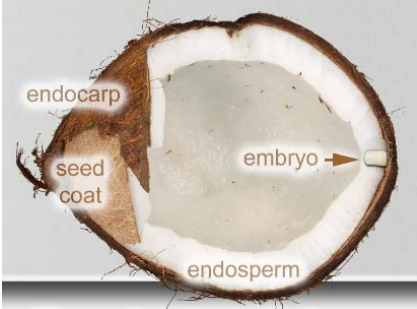
- Drupe (pitted fruit) with fibrous outer wall ("husk")
- Pit delimited by the sclereid-rich inner fruit wall (endocarp)
- Pit contains world's 2nd largest seed



- Double coconut of Seychelles

I. Overview

B. Morphology



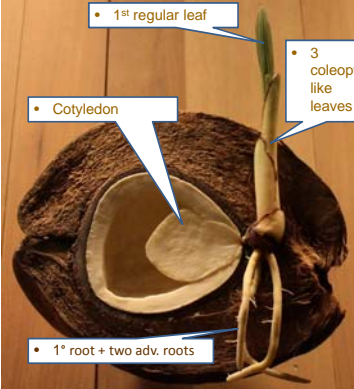
endocarp

seed coat

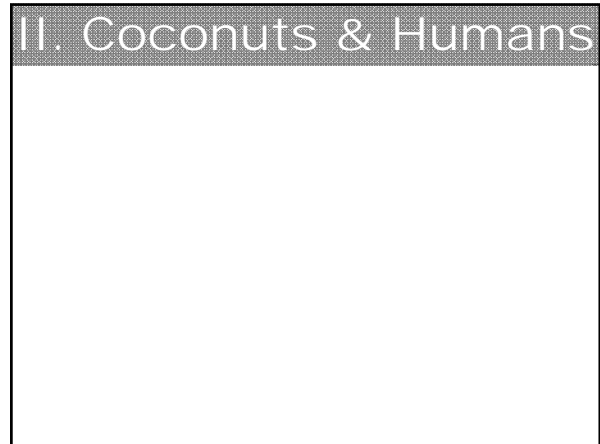
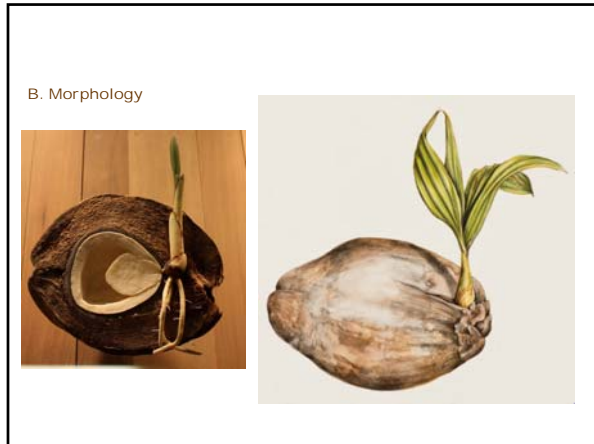
embryo

endosperm

B. Morphology

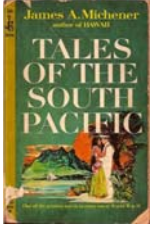
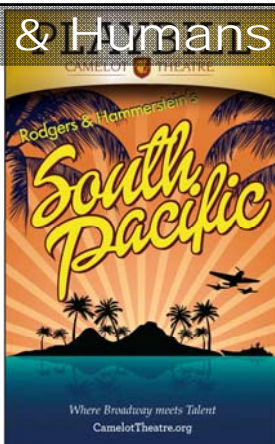


- Cotyledon
- 1st regular leaf
- 3 coleoptile-like leaves
- 1st root + two adv. roots



II. Coconuts & Humans

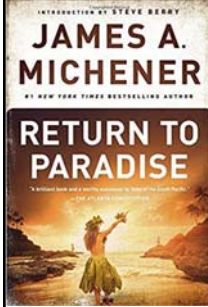

Some Books & Theatrical Adaptations:
Tales of the South Pacific (South Pacific)

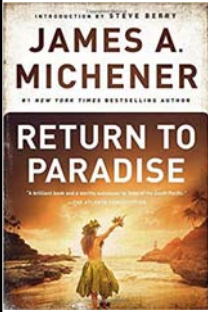
Where Broadway meets Talent
 CamelotTheatre.org

II. Coconuts & Humans

Some Books & Theatrical Adaptations:
Tales of the South Pacific (South Pacific)
Return to Paradise (Return to Paradise)

Some Books & Theatrical Adaptations:
Tales of the South Pacific (South Pacific)
Return to Paradise (Return to Paradise)



Return to Paradise excerpt

And everywhere there were coconut palms. This amazing tree is the life blood of the atoll. Its wood makes furniture, its plaited leaves make fine baskets or hats or carpeting or partitions....The heart of the palm makes the world's best salad...the husk is perfect insulating material...

As if that were not enough, the liquid within the nut is a delicious substitute for drinking water and ...is so pure that it can be used medically as a completely sterile saline solution... [etc, etc.]

II. Coconuts & Humans

C. Uses

1. Whole Plant
 - Ornamental Landscaping
 - Shade



A resort in Aruba (Caribbean)

II. Coconuts & Humans

C. Uses

1. Whole Plant
 - Ornamental Landscaping
 - Shade



A resort in Aruba (Caribbean)

C. Uses

1. Whole Plant
 - Ornamental Landscaping
 - Shade



Seacrets (Ocean City, MD)

II. Coconuts & Humans

C. Uses

1. Whole Plant
 - Ornamental Landscaping
 - Shade



A resort in Aruba (Caribbean)

II. Coconuts & Humans

C. Uses

2. Leaf & Stem
 - Logs for construction
 - Thatch roofs
 - Weaving materials (hats, mats, partitions)

Leaf thatch for shelter



II. Coconuts & Humans

C. Uses

3. Whole Fruit
 - Art
 - Drinking Vessels



II. Coconuts & Humans

C. Uses

4. Fruit outer wall sclerenchyma fibers
 - Cordage
 - Door mats
 - Basket liners



II. Coconuts & Humans

C. Uses

5. Endocarp sclerenchyma (sclereids)
 - Jewelry
 - Tools



II. Coconuts & Humans

C. Uses

5. Endocarp sclerenchyma (sclereids)
 - Jewelry
 - Tools
 - Cups/vessels



II. Coconuts & Humans

C. Uses

- 6. Endosperm
 - Meat
 - Milk
 - Copra & Oil
 - Water



II. Coconuts & Humans

C. Uses

- 6. Endosperm
 - Meat
 - Milk
 - Copra & Oil
 - Water



II. Coconuts & Humans

C. Uses

- 6. Endosperm
 - Meat
 - Milk
 - Copra & Oil
 - Water



II. Coconuts & Humans

C. Uses

- 6. Endosperm
 - Meat
 - Milk
 - Copra & Oil
 - Water



II. Coconuts & Humans

C. Uses

- 6. Endosperm
 - Meat
 - Milk
 - Copra & Oil
 - Water



II. Coconuts & Humans

C. Uses

- 6. Endosperm
 - Meat
 - Milk
 - Copra & Oil
 - Water



II. Coconuts & Humans

C. Uses

6. Endosperm

- Meat
- Milk
- Copra & Oil
- Water

