

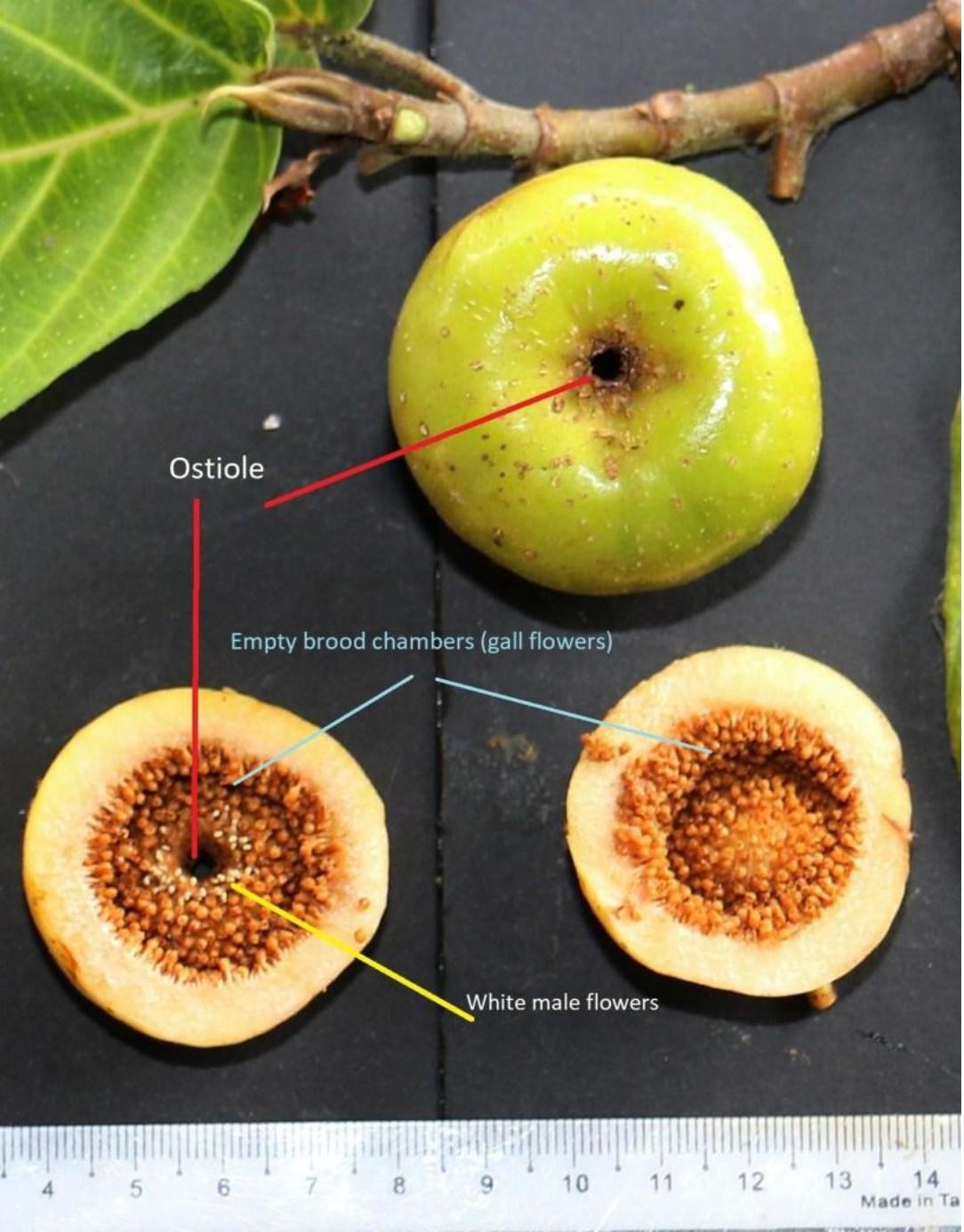


# Taksonomi buah

Bahan latihan ini disediakan untuk tujuan menggalakan kegiatan citizen science.  
Ia bukan untuk tujuan kegiatan komersial

# Bunga tapi buah





# Bunga tapi buah



# You only learn when you do

Assignment hari ini .....

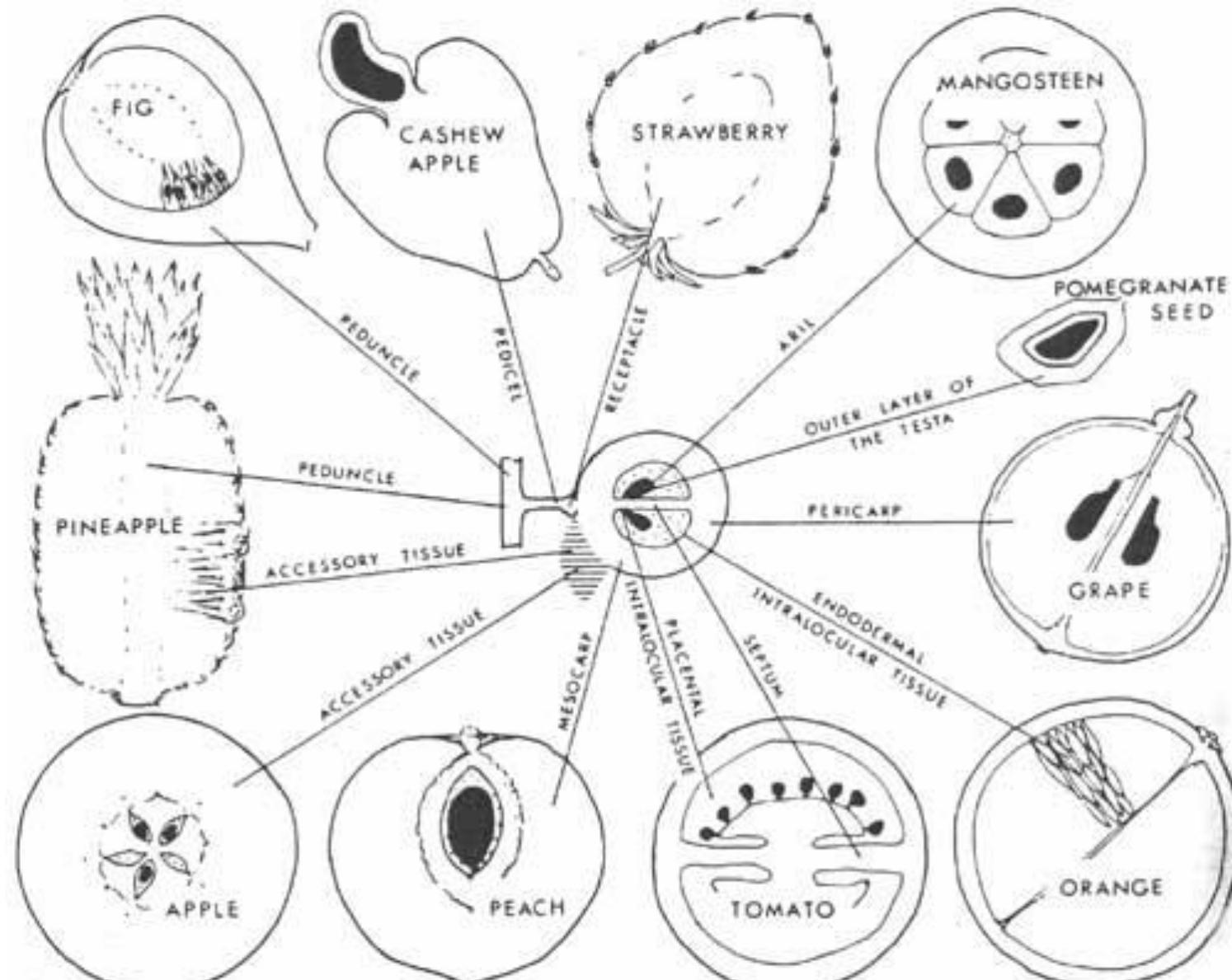
- 3 jenis rupabentuk buah
- 2 keratan rentas buah  
(sawit, buah mentah, buah sayur)
- Buah pelik?

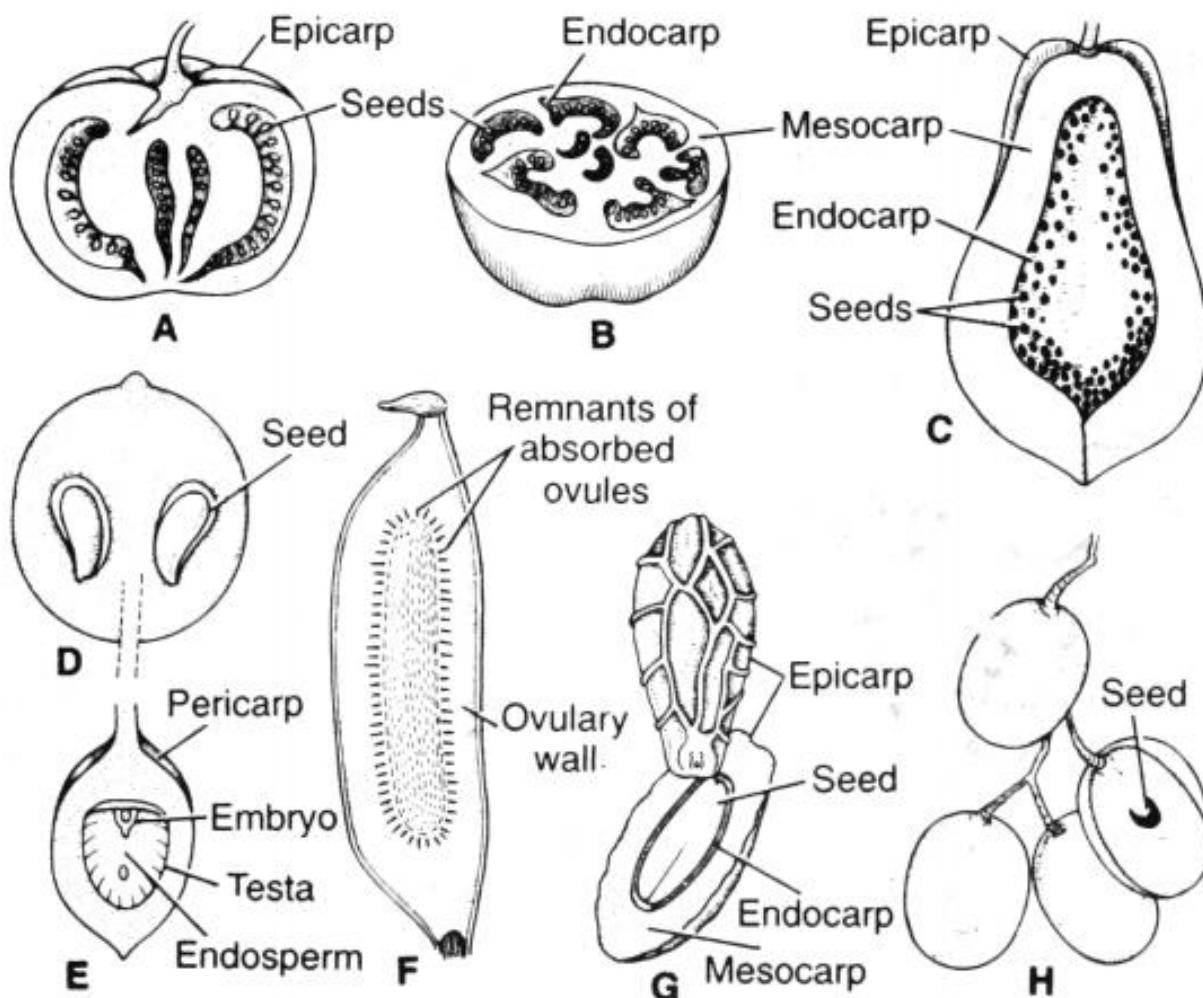


male

perfect

female





**Berries or Bacca :** A. Tomato L.S., B. Tomato T.S., C. Papaya, D. Cheeku,  
E. Areca nut, F. Banana, G. Date palm, H. Grapes

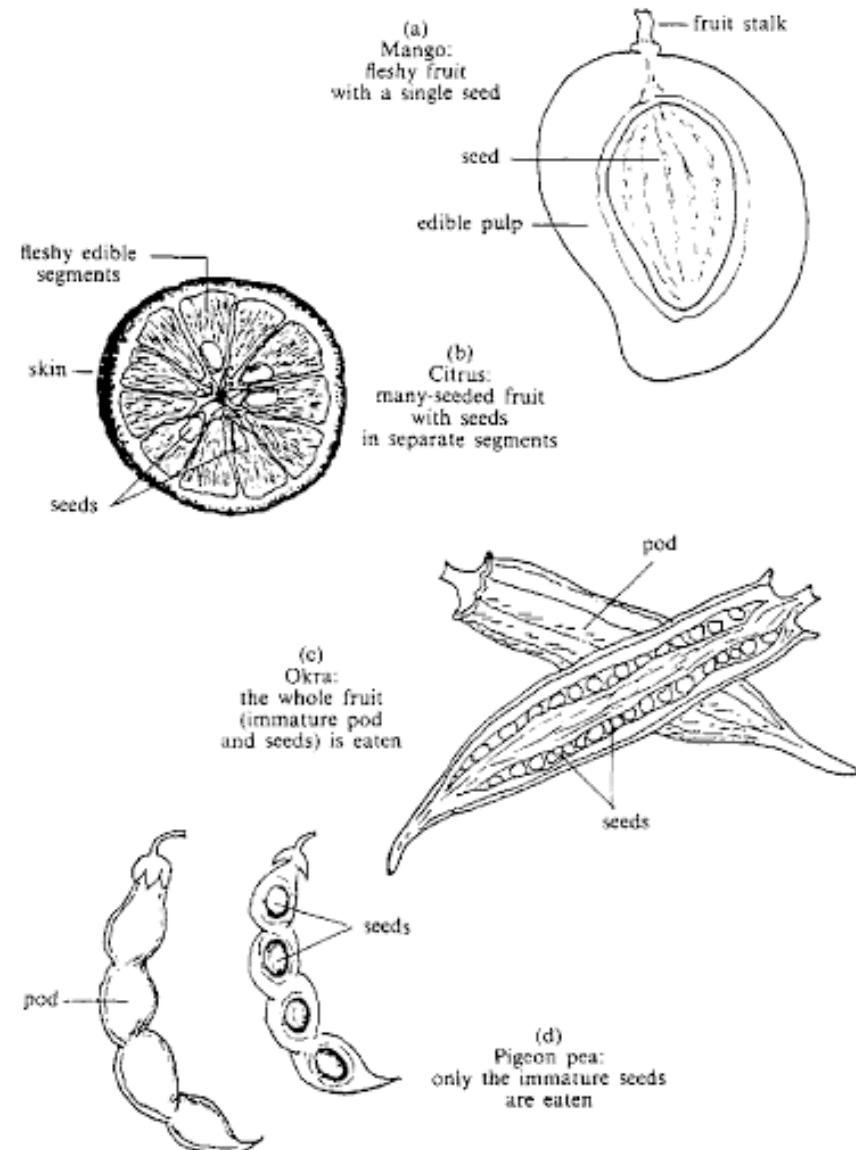
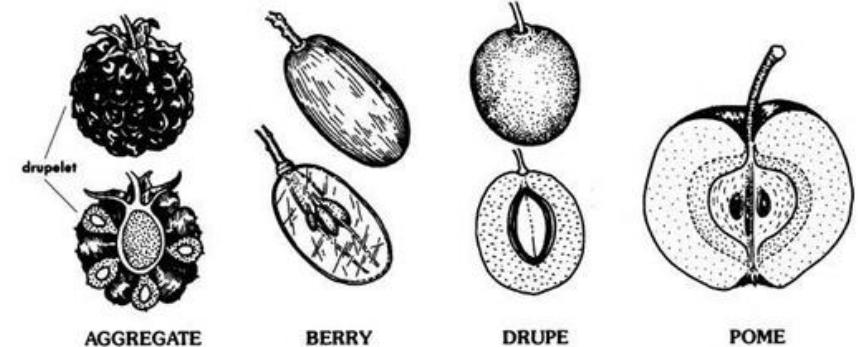
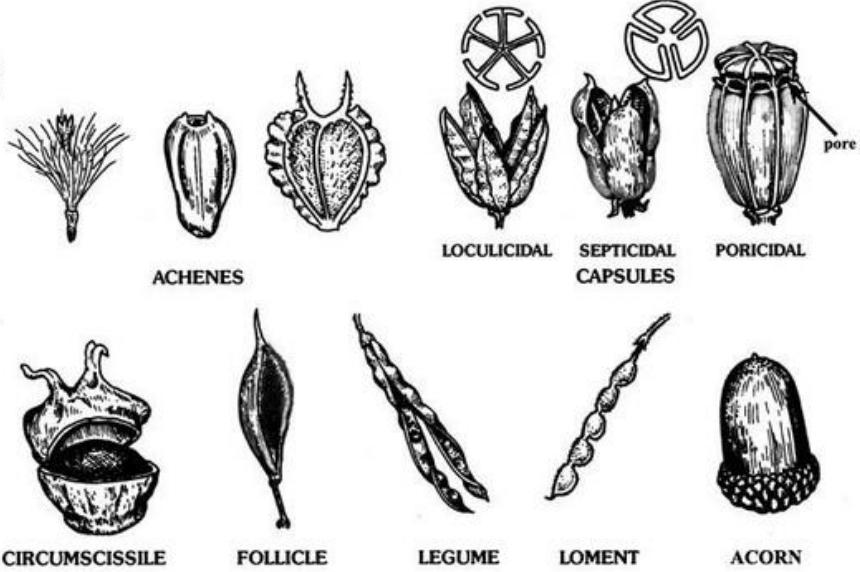


PLATE 11. FRUIT TYPES

FLESHY



DRY



**SIMPLE**



POME

**SCHIZOCARP**



POMARIUM



TRYMA



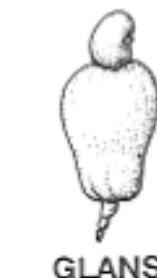
TRYMARIA



DICLESIUM



DICLESARIUM



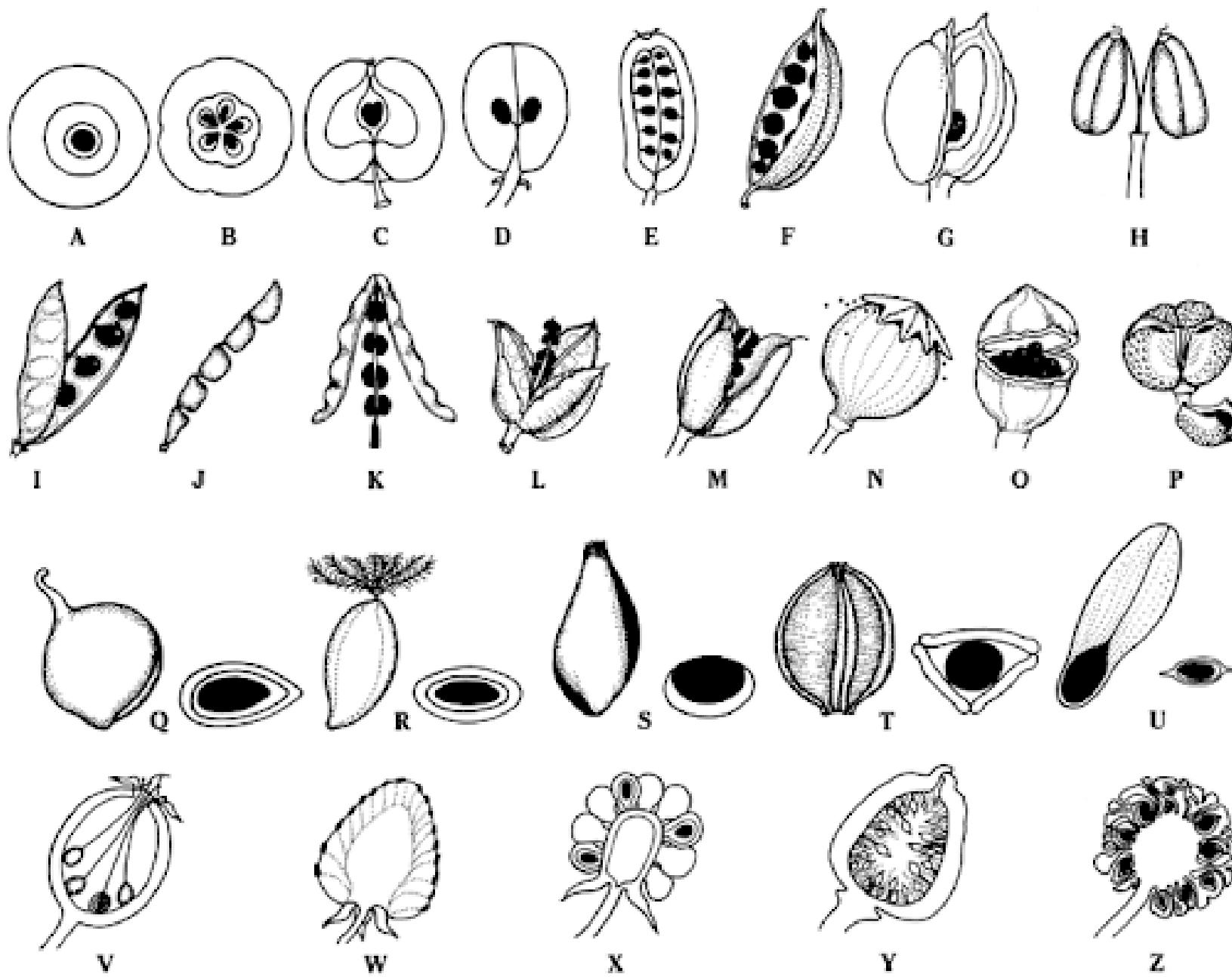
GLANS

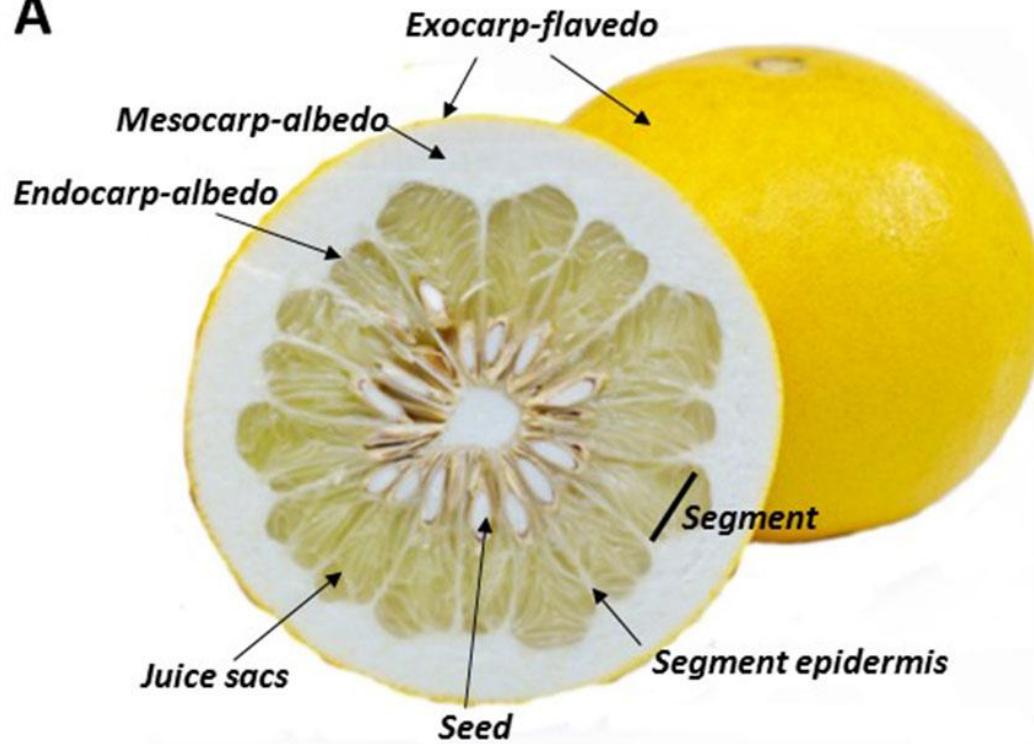
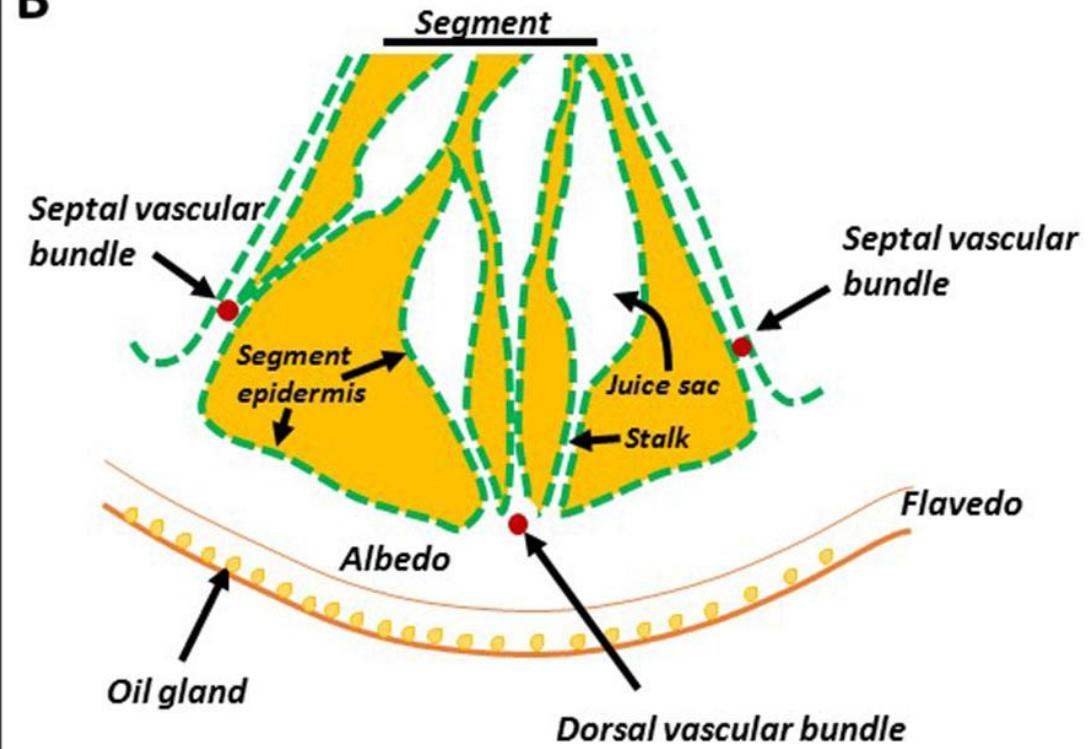


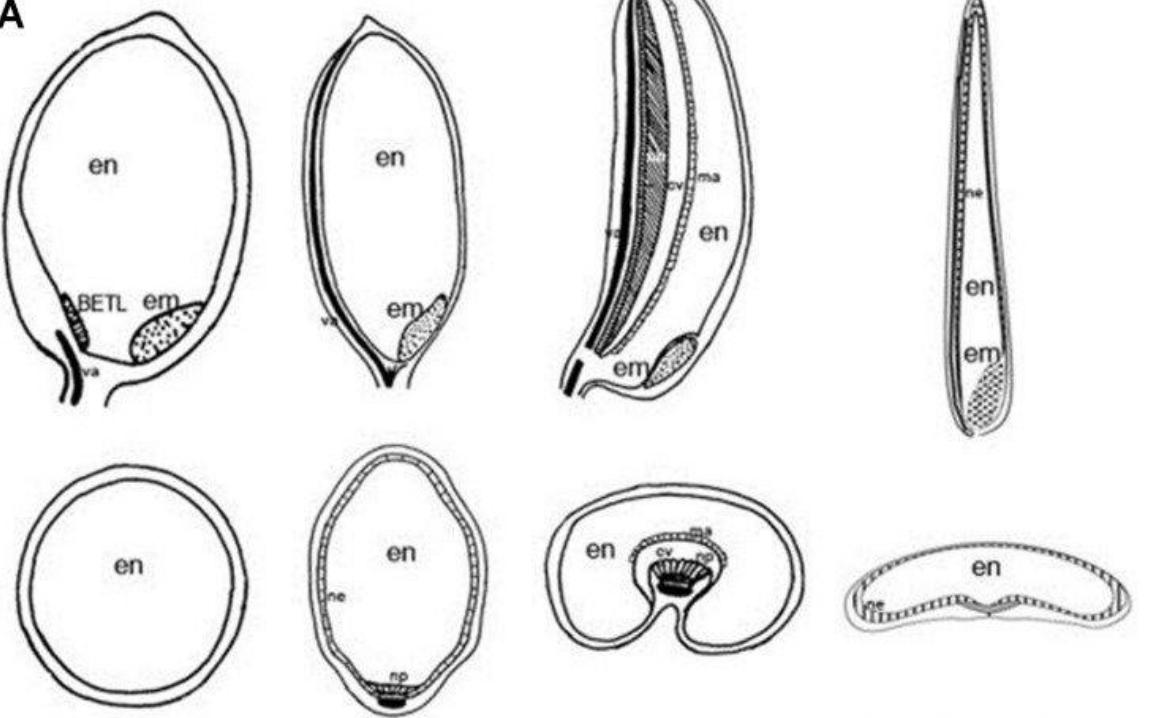
GLANDARIUM

**Fruit Types (seeds black).**

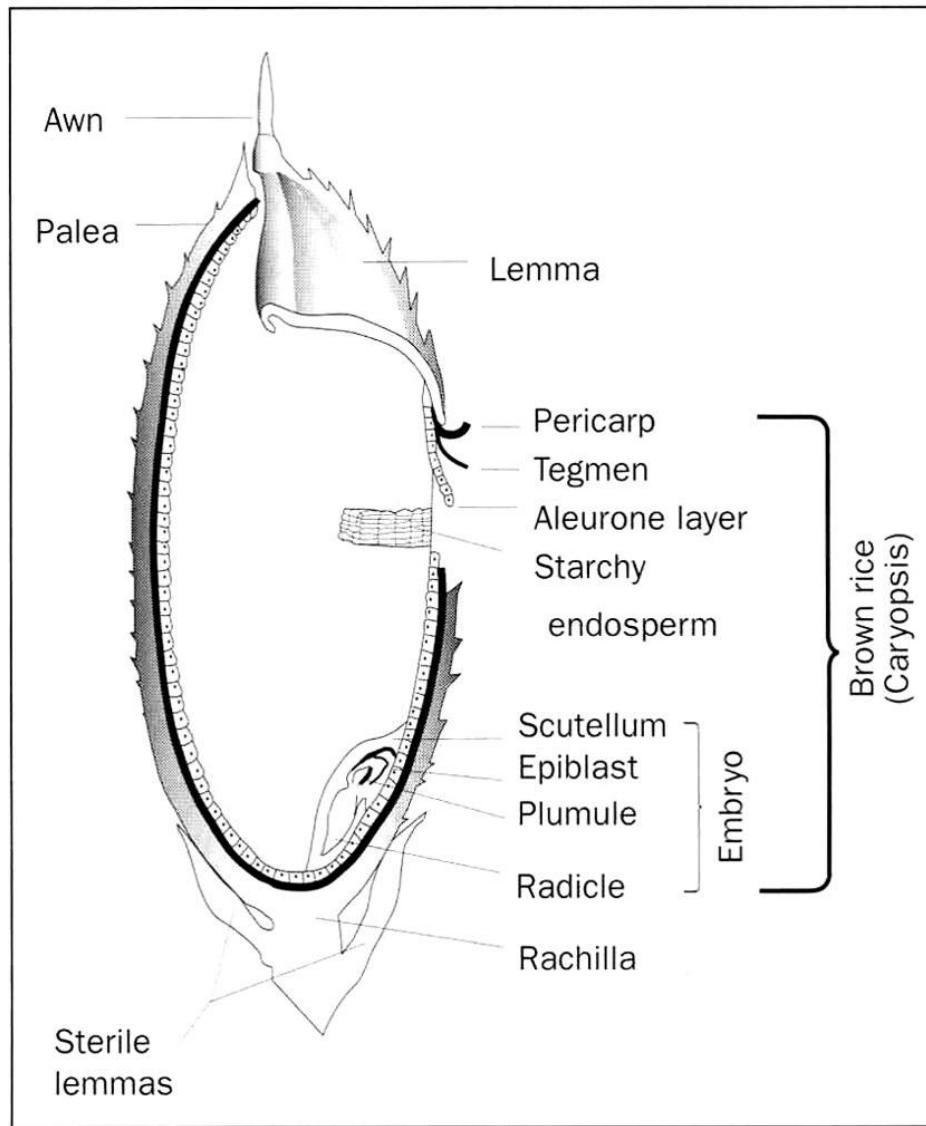
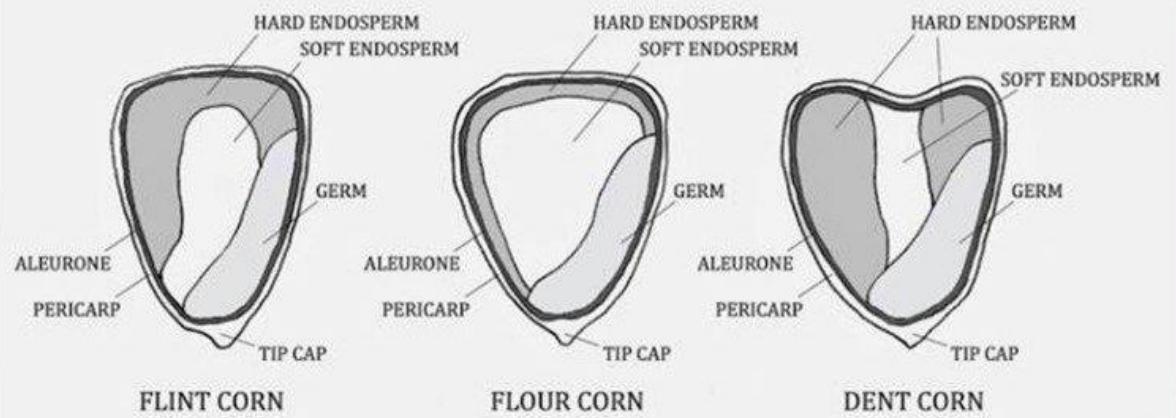
A–E, succulent indehiscent fruit: A, drupe, 1-seeded; B, drupe, 5 seeded; C, pome; D, superior berry ; E, inferior berry; F–K, dry dehiscent fruits; F, many-seeded follicle; G, follicle with 2-winged seeds; H, schizocarp; I, legume or pod; J, lomentum; K, siliqua; L–P, capsules: L, loculicidal capsule; M, septicidal capsule; N, poricidal capsule; O, circumsciss capsule; P, schizocarp capsule; Q–U, dry indehiscent fruits, with sections showing position of seed: Q, achene from a superior ovary; R, achene from inferior ovary with apical pappus; S, caryopsis; T, nut; U, samara; V–X, aggregate fruits : V, rose 'hip', individual fruits drupelets; W, strawberry, individual fruits achenes; X, blackberry, individual fruits drupelets; Y & Z, multiple fruits: Y, syconium or 'fig'; Z, syncarp.



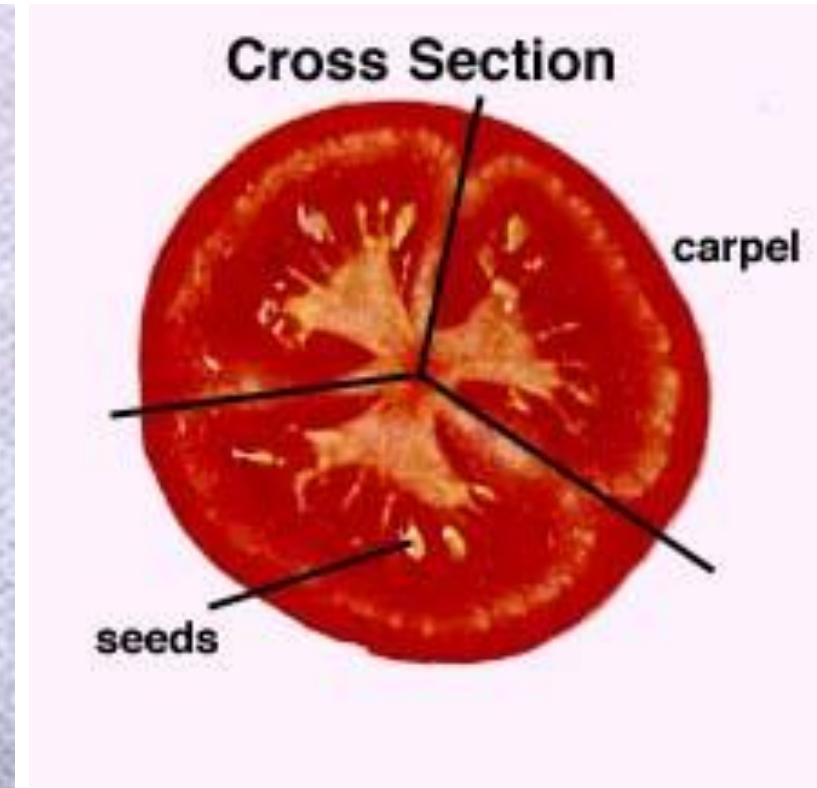
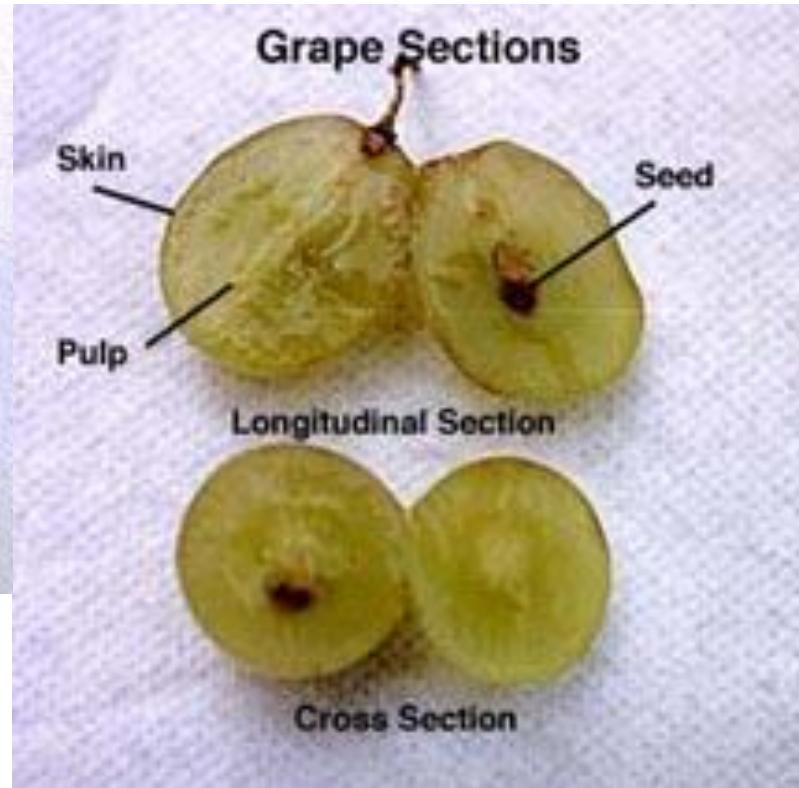
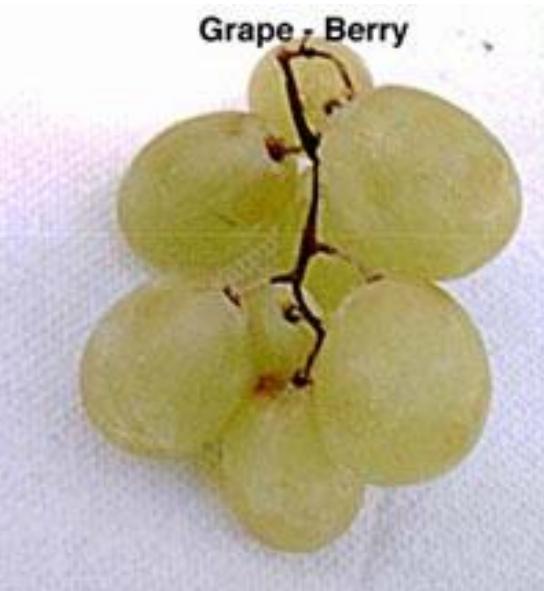
**A****B**

**A****Maize****Rice****Wheat*****Brachypodium*****B**

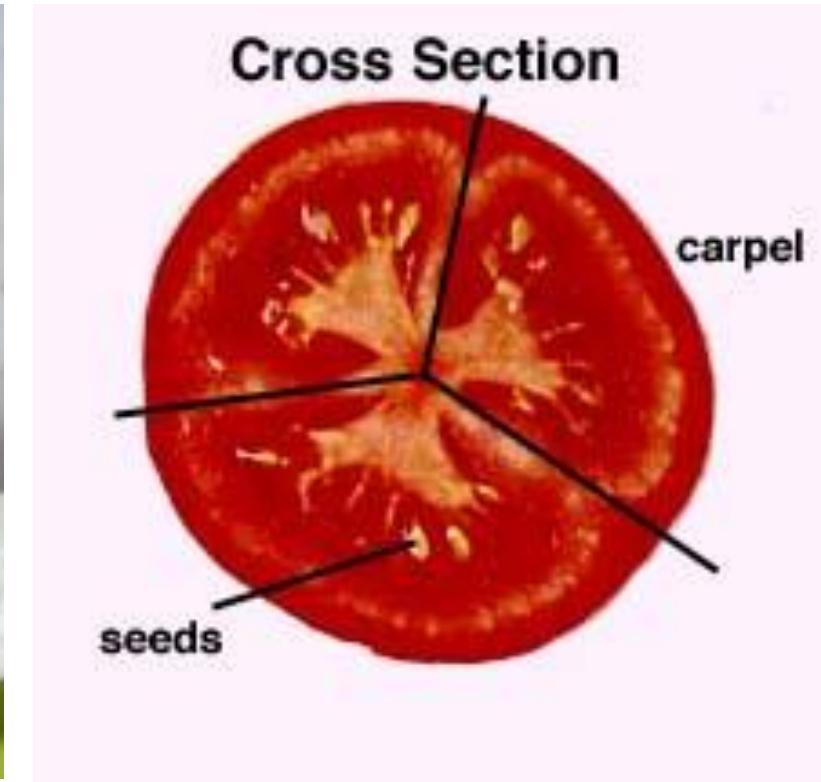
## CROSS SECTIONS OF BASIC CORN TYPES



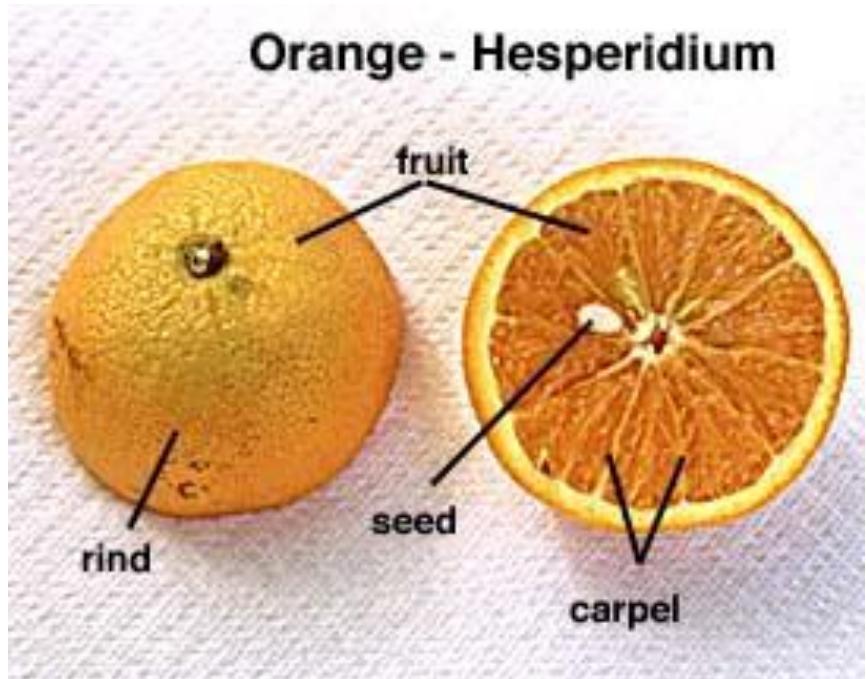
# Simple



# Simple

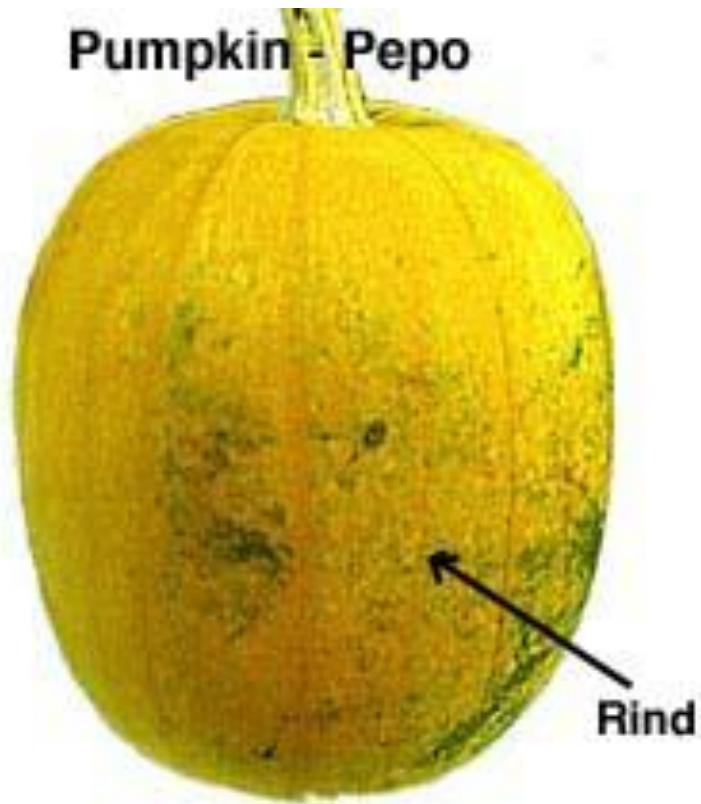


# Hesperidium

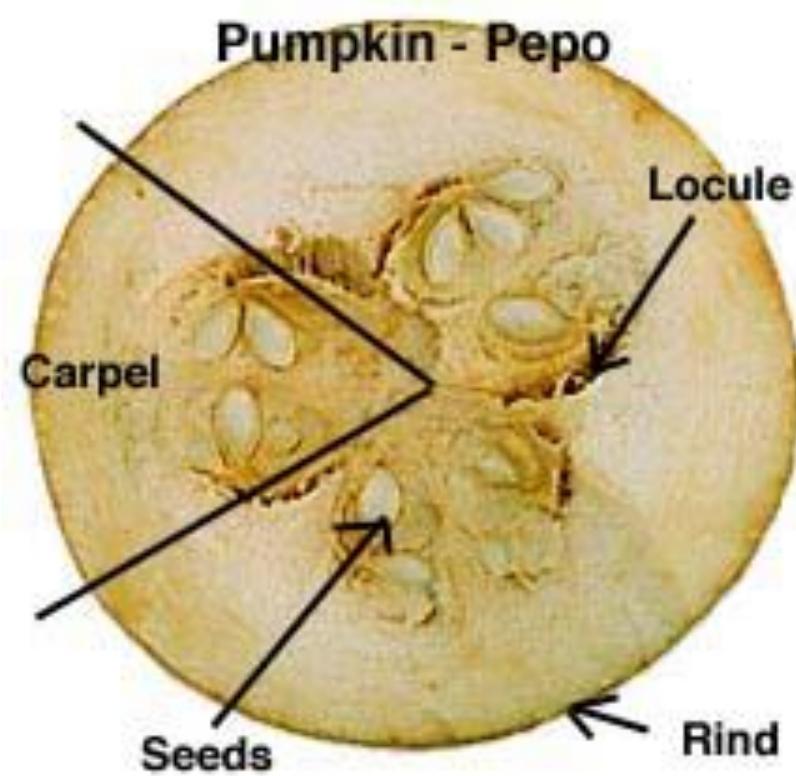


# Pepo

Pumpkin - Pepo

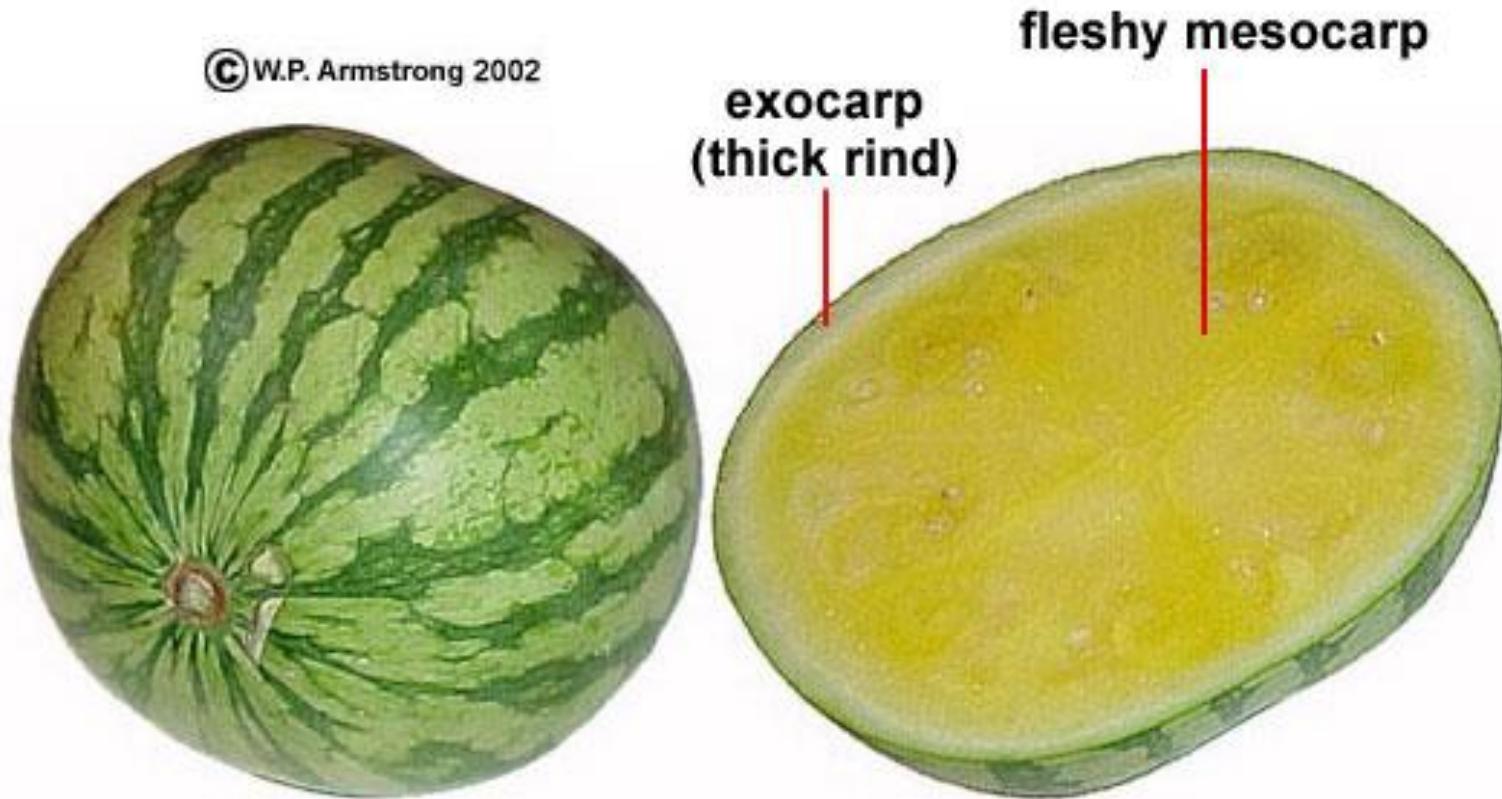


Pumpkin - Pepo



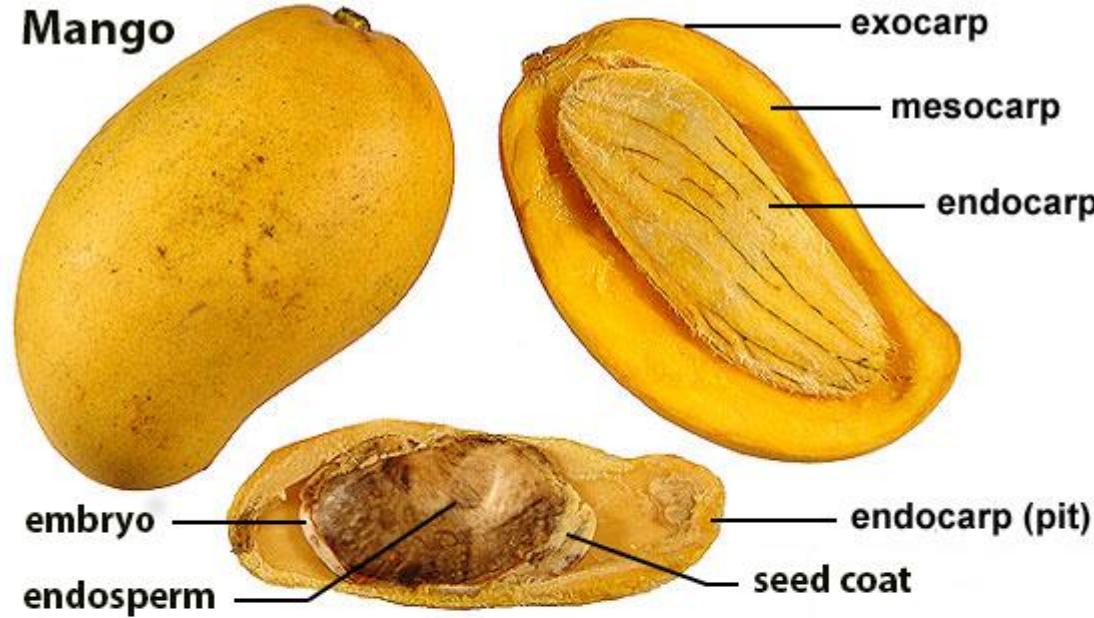
# Pepo

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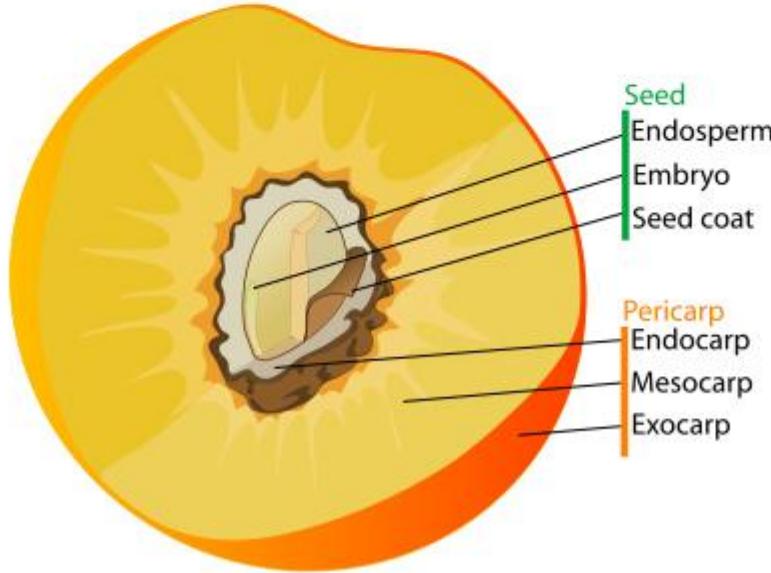
Pepo (a berry with a hard, thick rind)  
e.g. watermelon (*Citrullus lanatus* var. *lanatus*)

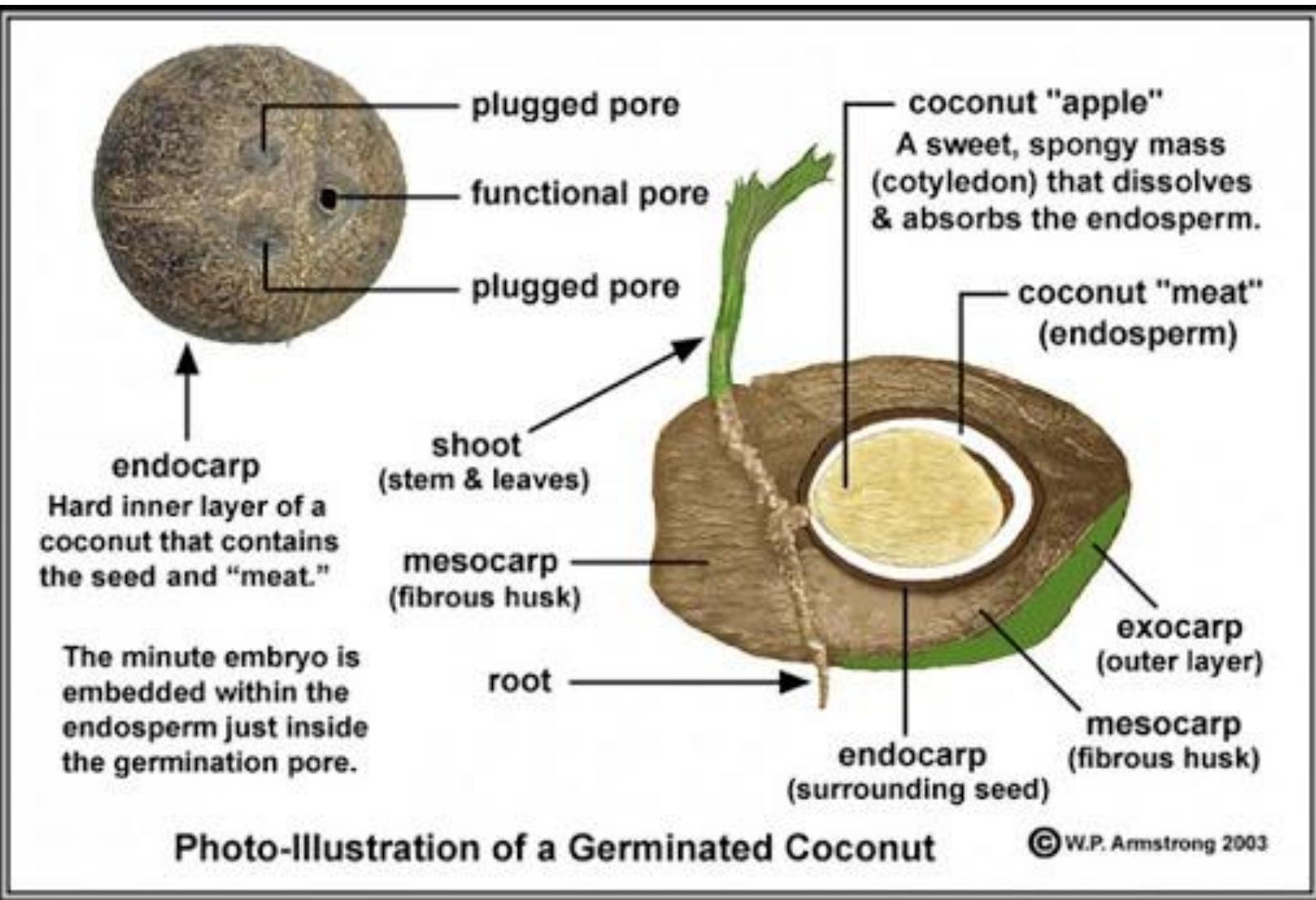
Mango

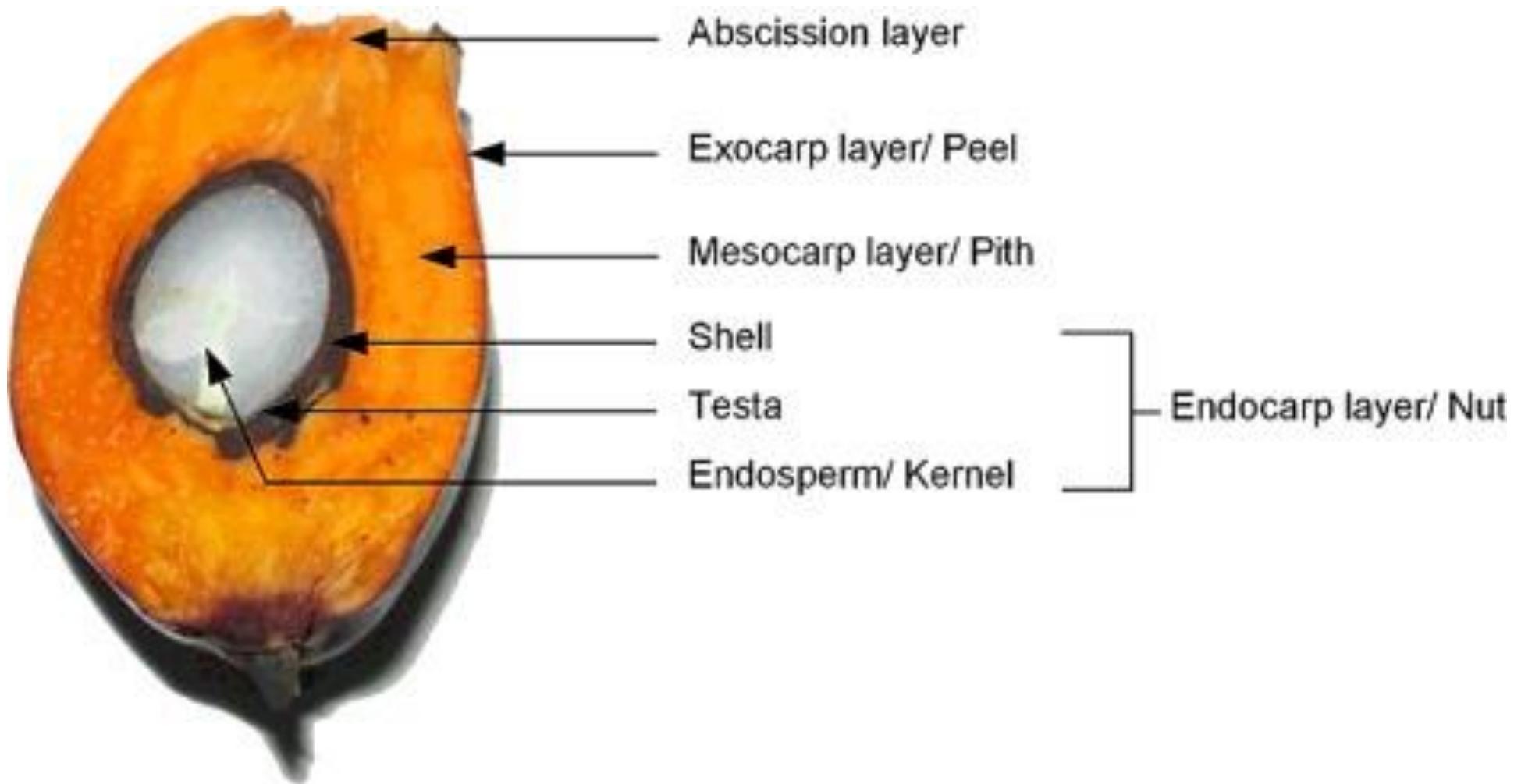


Drupe

Peach









*Dura*  
*sh+sh+*

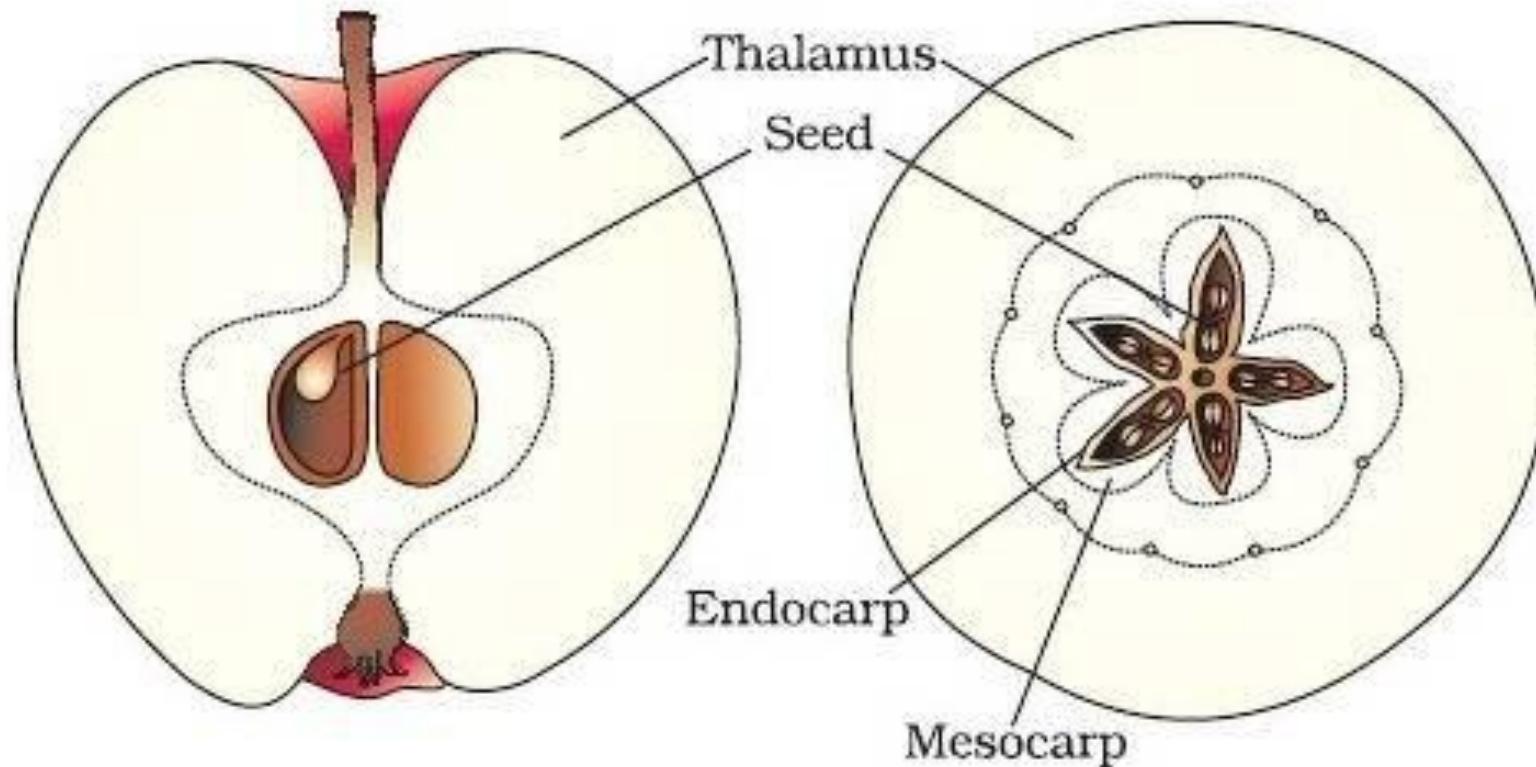


*Pisifera*  
*sh- sh-*

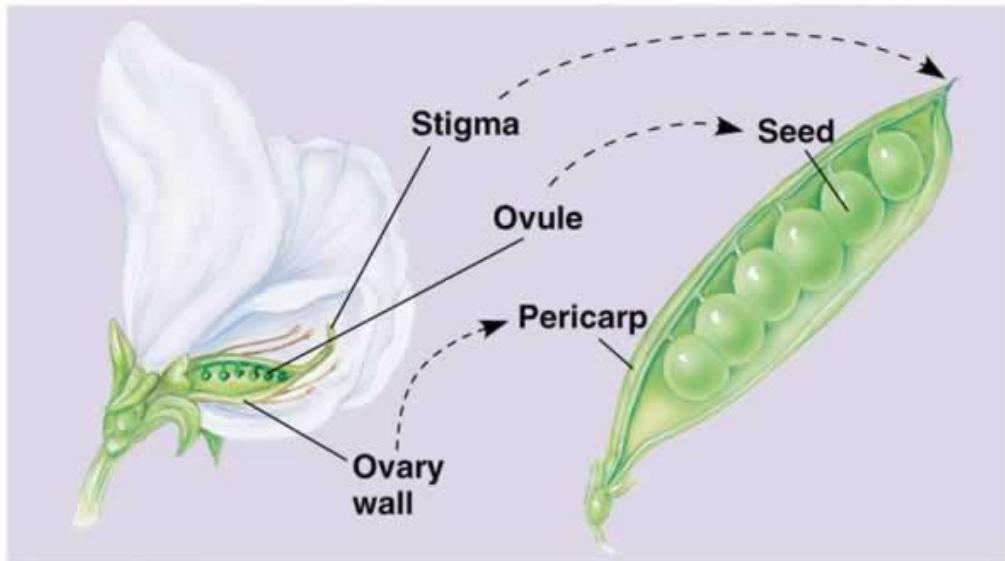


*Tenera*  
*sh+sh-*

# Pome

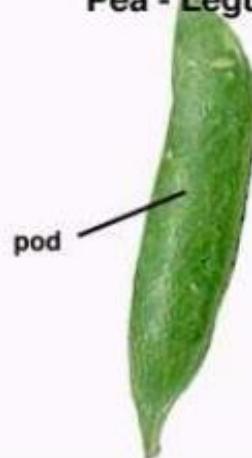


# Legume

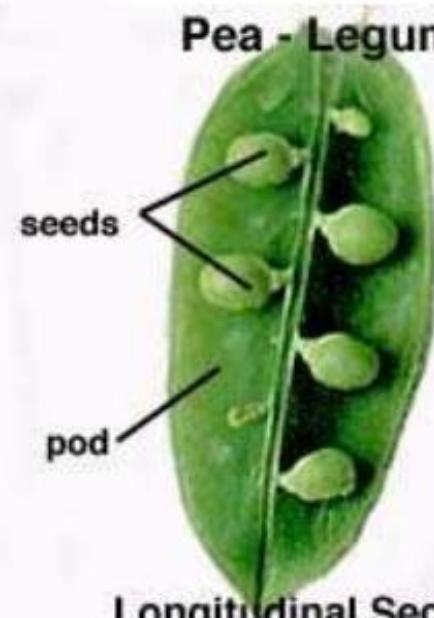


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Pea - Legume



Pea - Legume

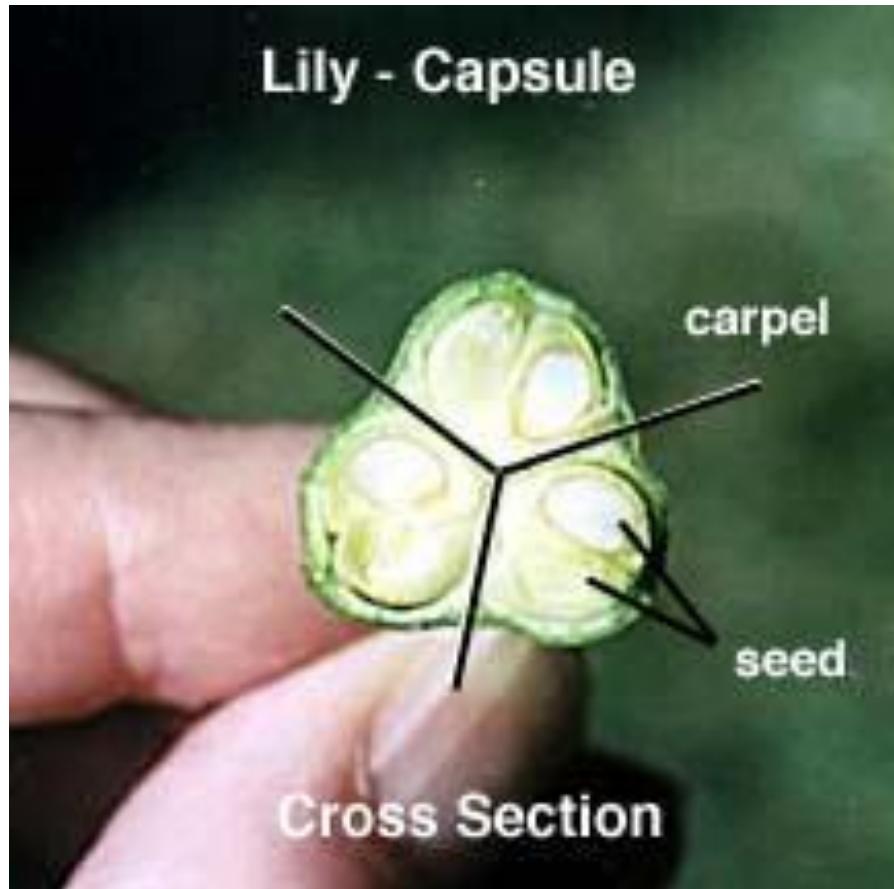


Longitudinal Section

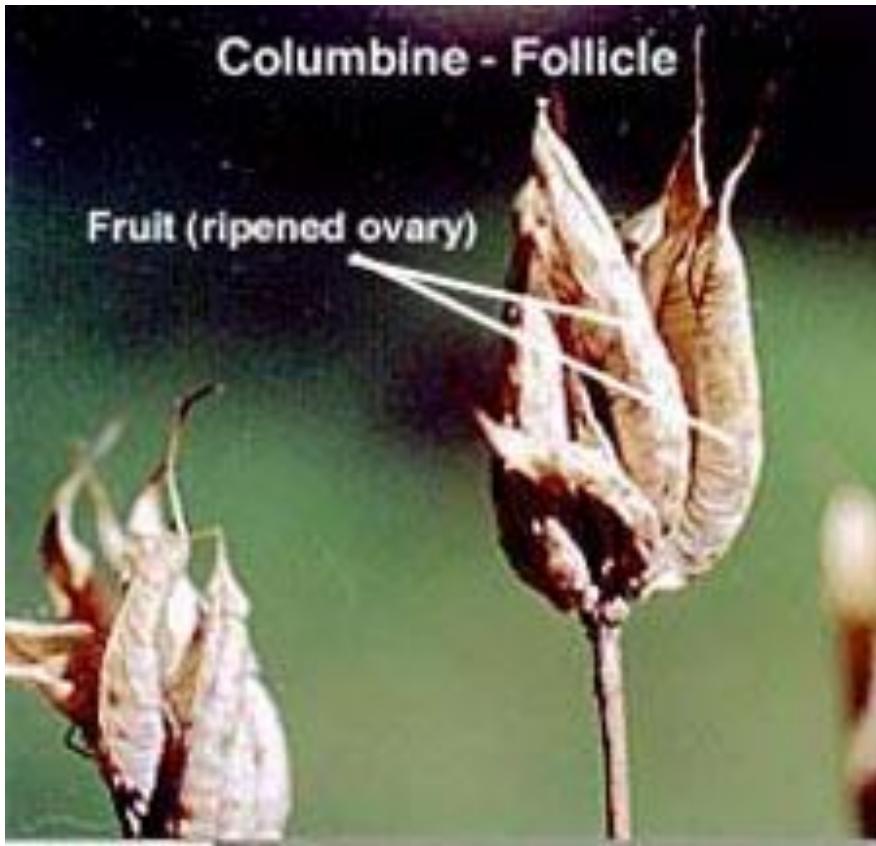


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# Capsule



# Follicle

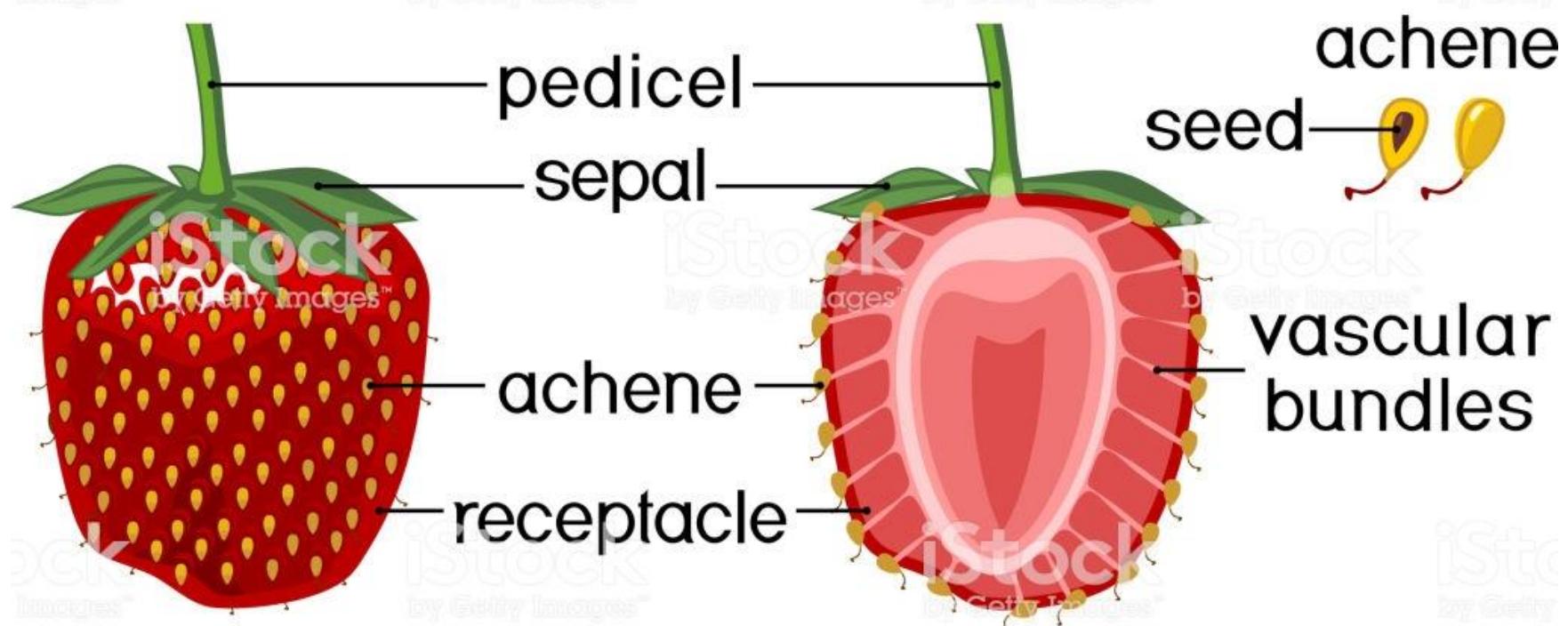


# Achene



# Aggregate

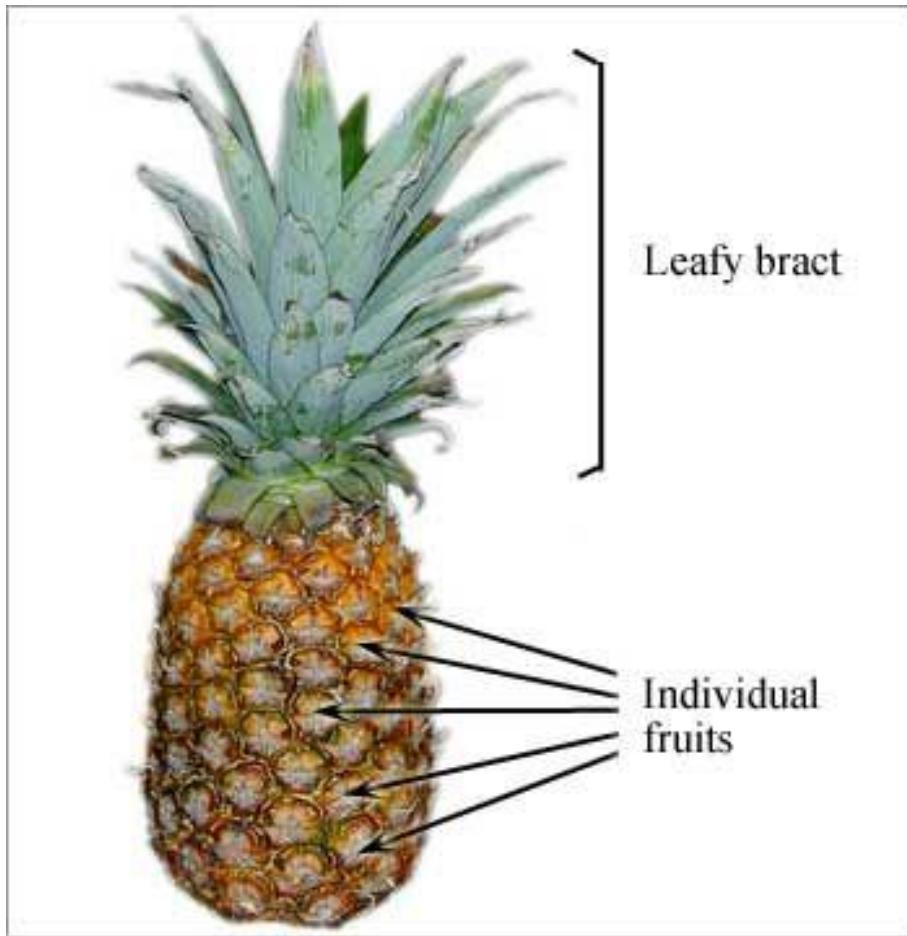
## aggregate fruit



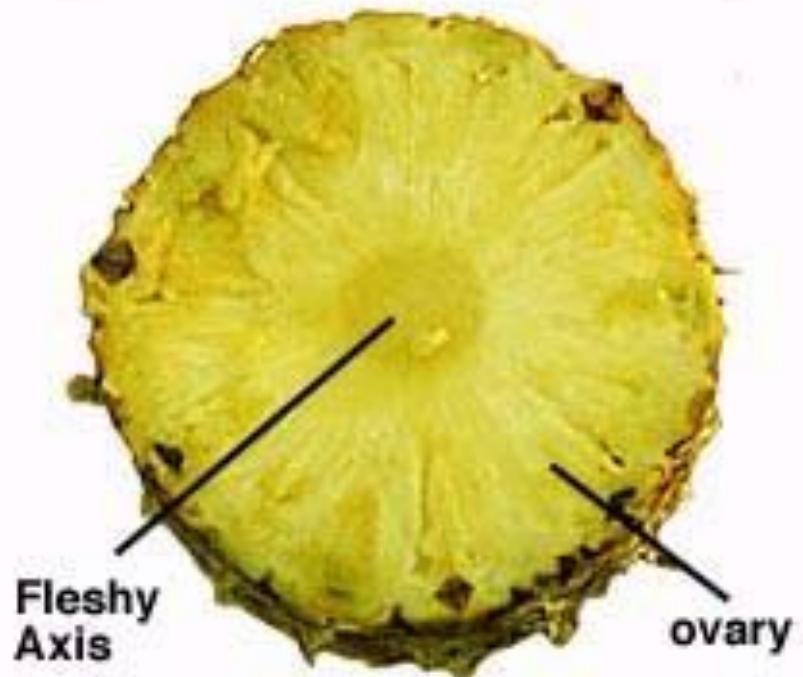
# Aggregate



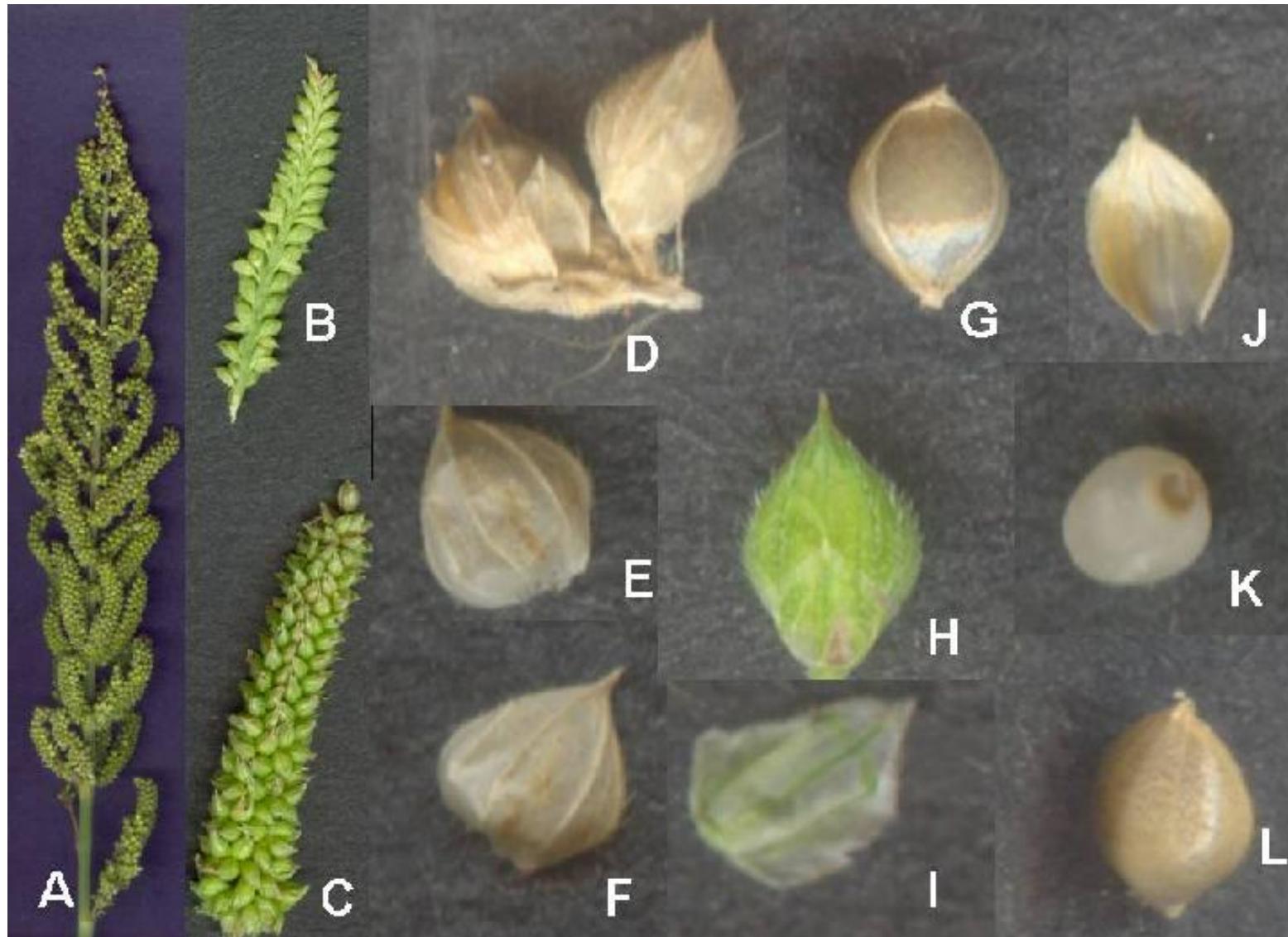
# Multiple



Pineapple - Multiple Fruit



# Grain



# Samara



单侧翅果  
Single-winged samara



周位翅果(蝶翅果)  
Perigynous (Butterfly-winged) samara



周位翅果(圆翅果)  
Perigynous (Round-winged) samara



翼状萼翅果  
Sepal-winged samara



披针翅果  
Lanceolate-winged samara



棱翅果  
Rib-winged samara



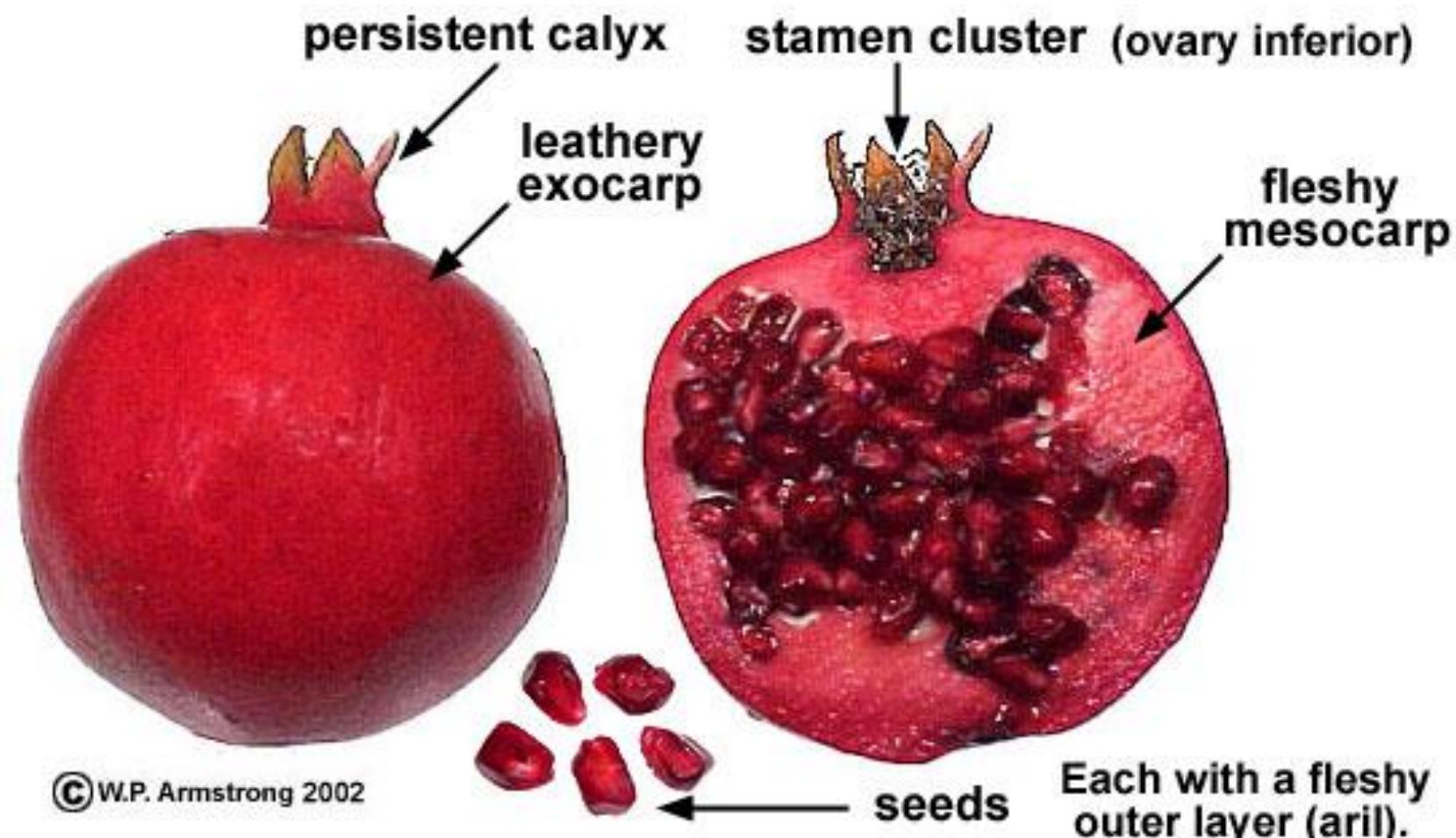
叶状苞翅果  
Bract-winged samara



# Nut



# Balausta (buah pelik)



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Pomegranate (*Punica granatum*): A many-seeded berry.

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(sawit, buah mentah, buah sayur)
- Buah pelik?