

FRUITS AND SEEDS

Fruit produce seeds, which can be sorted in different groups depending on how the seed matures from the female part of the plant.



Fleshy Fruit

1. Drupe—one seed covered by hard coating and fruit (Holly cherry, walnut, olive)



2. Pome— fruit with seeds separated from fruit by membrane in a “core” (apple, pear, toyon)



3. Pepo— specialized berry with multiple seeds in middle of fruit with thick skin (pumpkin, gourds, watermelon)



4. Hesperidium—specialized berry with thick skin and segments (lemon, orange)



5. Berry - simple fruit where seeds are surrounded by fleshy, typically juicy fruit (grapes, elderberry, coffee berry, nightshade)



6. Follicle— seeds encased in fruit and split along seam (milkweed)

Simple Fruit—Dry

1. Legume— seeds in pod that splits in two pieces (redbud, vetch, lupines, clover, Mimosa)



2. Capsule— Seeds encased within an outer covering made from many segments. Open at each segment to release seeds (CA Poppy, willow, radish, buckeye)



3. Achene— seeds loosely connected to form fruit (cattail, sycamore)



10. Nut—seeds are the entire fruit (Live Oak)



11. Samara—naked seeds surrounded by wings (big leaf maple, white alder)



12. Grain - different type of grass seeds, many seeds attached to shaft (corn, wheat, wild oak, wild rye, other grasses)

