

Cherries vs. Plums

Cherries possess true end buds and have a pit that is globose, fruit that is non-waxy and non-furrowed. Plums possess a false end bud and have a pit that is longer than wide, fruit that is waxy and furrowed.

Currants vs. Gooseberries

Currants lack armature and possess red glandular dots on leaves, and show 1-5 flowers per inflorescence.

Gooseberries have bristled armature, eglandular leaves, and have a racemose inflorescence.

Cranberries vs. Blueberries vs. Huckleberries

Cranberries have a four lobed corolla with lobes longer than tube, solitary fruit, serrulate-spinose margins, and purple veined lower leaf surface.

Blueberries have a five lobed corolla with lobes shorter than tube, fruit in clusters or racemes, fruit never red and always with more than 10 seeds, and leaves various or entire.

Huckleberries have red resin dots on leaves, fruit an inferior berry with 10 seeds.

Samaras

Ash samara vs. Elm samara

Ash samara's are longer than wide, with the ovary located terminally

Elm samara's are as wide as long, with the ovary located centrally

Ash Samara ID

F. americana's samara is smaller samara than F. pennsylvanica with ovary terminally seated

F. pennsylvanica's samara is larger than F. americana and has the ovary stretching from the terminal of the samara to almost the center.

F. quadrangulata's samara is twisty and broader than either F. americana or F. pennsylvanica, with ovary stretching to center of samara.

Elm Samara ID

U. americana have smooth seed bodies with ciliate margins.

U. rubra have pubescence on seed bodies.

U. thomasii have pubescence both on edges and seed bodies.

Alternate & Armature

Menispermaceae - Cocculus carolinus is a vine that has tendrils, prickles with red -> black coiled berry pods.

Moraceae – Maclura pomifera has a thorn at each leaf scar.

Rosaceae – Crataegus phaenopyrum has long thorns.

Rosaceae – Rosa multiflora has paired curved prickles.

Rosaceae – Rubus canadensis has few to no prickles.

Rosaceae – Rubus idaeus has dense bristles to prickles.

Rosaceae – Rubus occidentalis has hooked prickles.

Rutaceae – Zanthoxylum americanum has 8-13mm straight prickles.