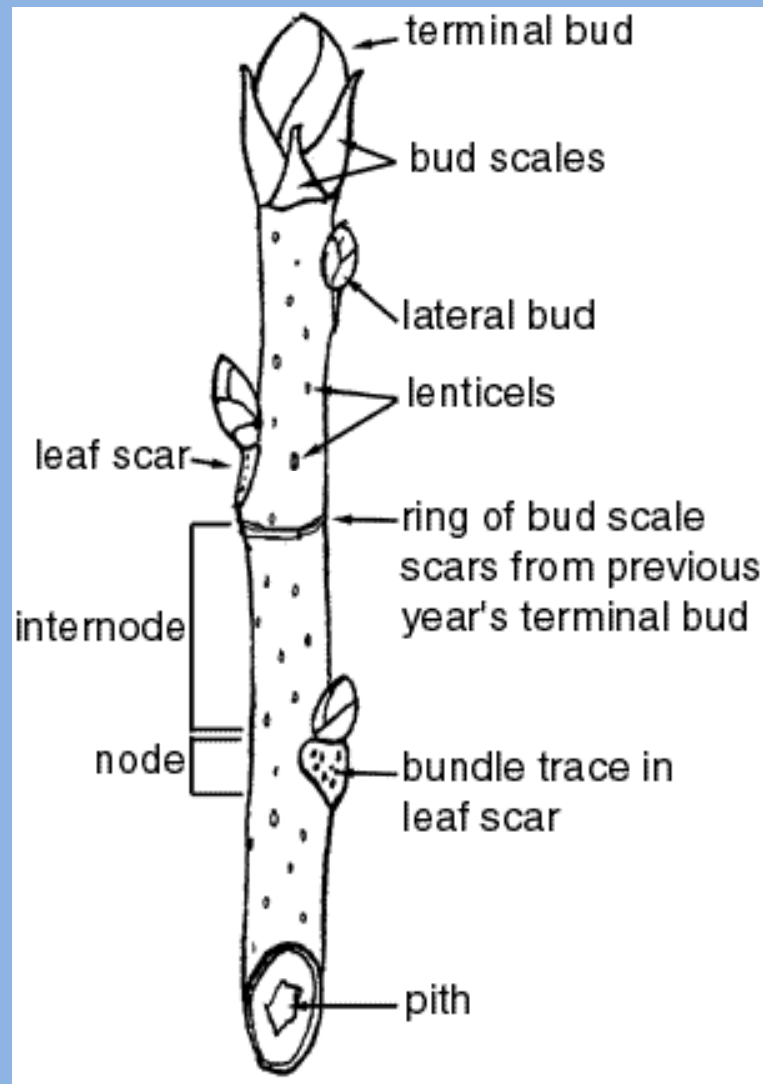


Identifying Winter Twigs

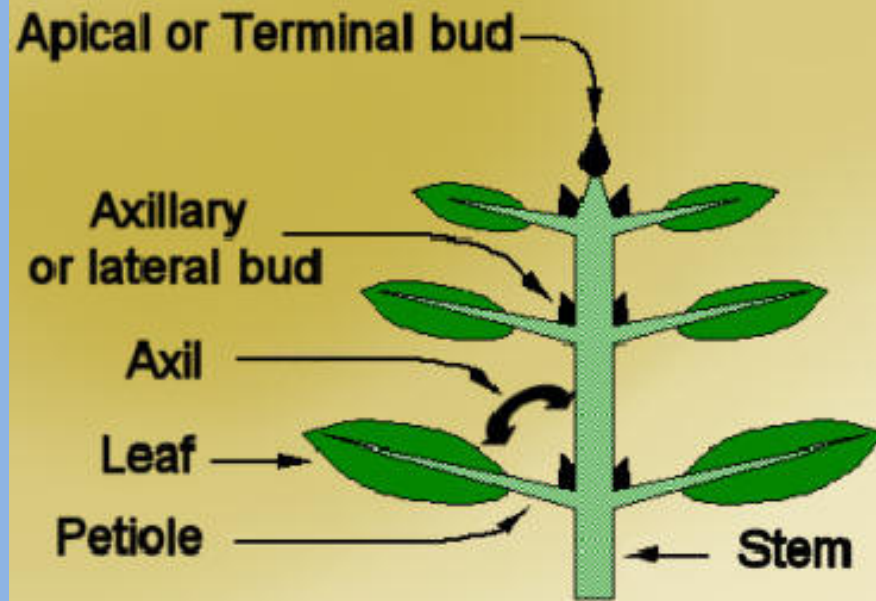


Prepared by Dennis Deck

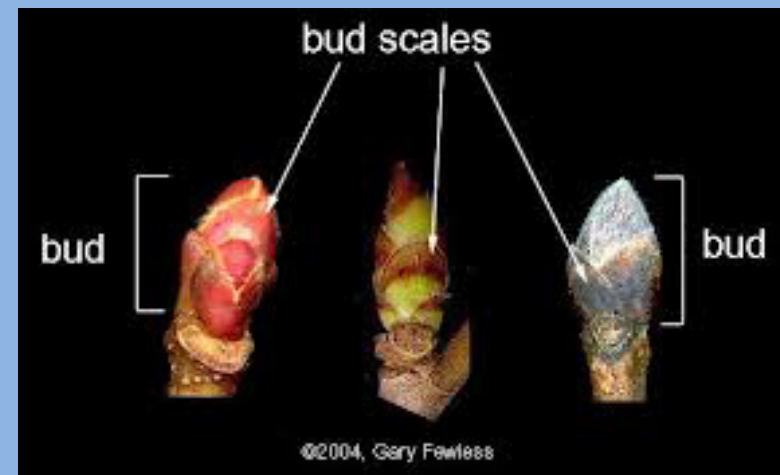
Terminology



A Few Terms



http://www.cactus-art.biz/note-book/Dictionary/Dictionary_B/dictionary_bud.htm



http://www.uwgb.edu/biodiversity/herbarium/trees/glossary_for_trees01.htm

Bud Arrangement

Alternate



Opposite



Large Trees

- Leaves opposite
 - Bigleaf Maple
 - Oregon Ash

- Buds alternate
 - Black Cottonwood
 - Red Alder
 - Oregon Oak

Bigleaf Maple



Oregon Ash



Black Cottonwood



Red Alder



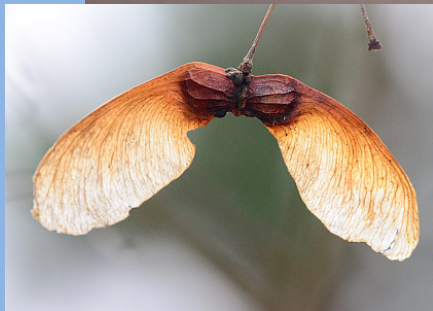
Oregon Oak



Small Trees

- Buds opposite
 - Vine Maple
 - Pacific Dogwood
- Buds alternate
 - Armed with Spines
 - Black Hawthorne
 - Common Hawthorne
 - Unarmed
 - Cascara
 - Oregon Crab Apple
 - Bitter Cherry
 - Beaked Hazelnut
 - Birch sp.
 - Willow sp.

Vine Maple



Pacific Dogwood



(syn: Western Red Dogwood)



Cascara



(syn: Chittam, Cascara Buckthorn)

Beaked Hazelnut



(syn: Western Hazel)

Bitter Cherry



(syn: Western Cherry)

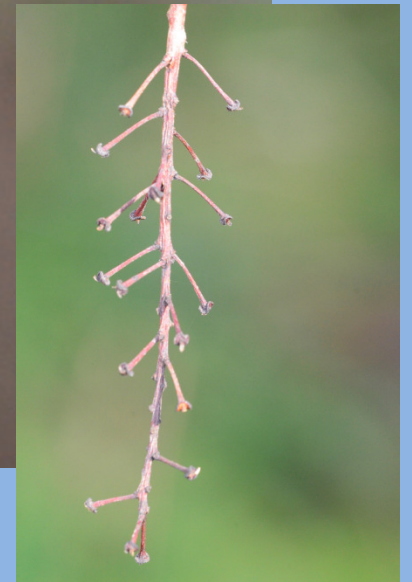
Wild Crab Apple



(syn: Pacific Crabapple)



Western Crabapple



Black Hawthorne



(syn: Western Hawthorne, Douglas' Thornapple)



Common Hawthorn



(syn: Oneseed or European Hawthorn) Introduced, crosses with Black Hawthorn.

Birch



Willow



Tall Shrubs

➤ Leaves opposite

- Red Elderberry
- Blue Elderberry

➤ Leaves alternate

- Salmonberry
- Oceanspray
- Indian Plum
- Serviceberry
- Ninebark

Red Elderberry



Blue Elderberry



Blue Elderberry

Salmonberry



Oceanspray



Indian Plum



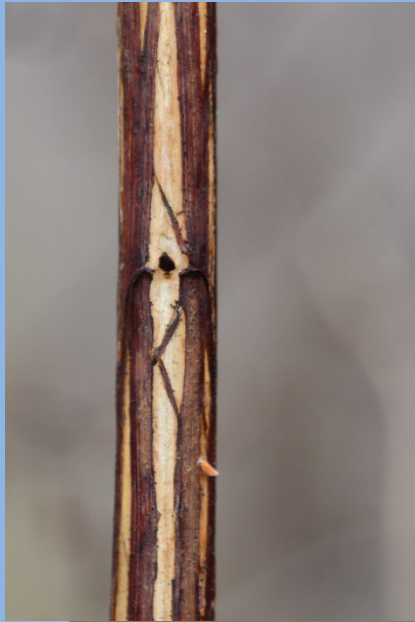
[syn: Osoberry]

Serviceberry



(syn: Saskatoon)

Ninebark



Small Shrubs

➤ Buds opposite

- Common Snowberry
- Mock Orange
- Black Twinberry

➤ Buds alternate

- Armed with prickles
 - Gooseberry
 - Roses
 - Blackberries

▪ Unarmed

- Red Huckleberry
- Red-flowering Currant
- Spirea
- Thimbleberry
- Poison Oak

Common Snowberry



Mock Orange



(syn: Lewis' Mock Orange, Lewis' Mockorange)

Black Twinberry



Gooseberry



Clustered Wild Rose



Clustered Wild Rose

Nootka Rose



Baldhip Rose



(syn: Dwarf or Wood Rose)

Himalayan Blackberry



Introduced

Red Huckleberry



Red Huckleberry

Red-flowering Currant



(syn: Redflower Currant)

Douglas Spirea



(syn: Hardhack; Rose or Western Spirea)

Thimbleberry



Poison Oak



References

- *Key to Winter Twigs of the Willamette Valley*
Handout by Dennis Deck and Ginny Maffitt (2013)
- *Winter Twigs: A Wintertime key to Deciduous Trees and Shrubs of Northwestern Oregon and Western Washington*
Helen Gilkey and Patricia Packard (2001)
- *Winter Twigs of Northwestern Oregon*
Tryon Creek Park handout by Jean Siddall
- *Winter Twig ID*
Metro handout