Lichens

This is a list several common species found in the Northwest. This is not a complete list of all of the species we will see. You may need to visit the links on the next page and throughout this presentation to find more information about each species. Feel free to explore other sites as well.

Helpful links

Images and other resources

http://gis.nacse.org/lichenair/

Lichen description and sensitivity rating by species

http://www.fs.fed.us/r6/aq/lichen/images.htm

Key - (may not need it)

http://people.oregonstate.edu/~mccuneb/pnw.PDF

Ramalina menziesii

http://ocid.nacse.org/classroom/lichens/denison/fig18.html

Common Name: Fishnet Lichen

Appearance: Long, hanging greenish gray thallus

Thallus: Fruticose, hanging flattened netlike branches

Comments: Easily recognized lichen frequently drapes the trees along streams.



Usnea subfloridana

http://ocid.nacse.org/classroom/lichens/denison/fig21.html

Common Name: Bushy

Cord Lichen

Appearance: Pale greenish-yellow tufts of

fuzzy branches

Thallus: Fruticose, cylindrical branches with fine side branches, Outer part of thallus breaks into short segments

Comments: black base and elastic inner core are a distinguishing characteristic.



Evernia prunastri

http://ocid.nacse.org/classroom/lichens/denison/fig5.html

<u>Common Name:</u> Wrinkled

Evernia

Appearance: Medium shaped bushy or hanging thallus, with flat strap-like branches, olive green to greenish gray, 3-8 cm. thallus

Thallus: Fruticose to almost foliose, often with upper surface darker colored than lower surface.

Comments: Differs from other fruticose lichens because of different upper and lower surfaces.



Lobaria pulmonaria

http://ocid.nacse.org/classroom/lichens/denison/fig10.html

Common Name: Lungwort
Appearance: Large 5-25 cm
lobed branched sheets, light
greenish-brown when dry,
bright green when wet,
covered with raised folds.
Thallus: Foliose, composed
of broad thin branches or
lobes, lower surface mottled
white and tan.

Comments: Large green lettuce like lichen with puckered thallus is easily recognized. Contains Nitrogen fixing blue-green algae.



Hypogymnia physodes

http://ocid.nacse.org/classroom/lichens/denison/fig6.html

Common Name: Inflated Hypogymnia

Appearance: Rough medium sized patches of irregular flattened, overlapping branches, pale gray on upper branches and black below.

Thallus: Foliose, branches loosely attached to bark, lacks rhizines

Comments: color similar whether wet or dry.



Parmelia sulcata

http://ocid.nacse.org/classroom/lichens/denison/fig12.html

Common Name: Net-marked

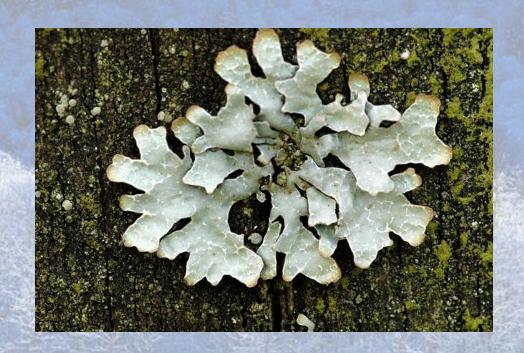
Parmelia

Appearance: Pale gray to

greenish-gray

Thallus: Foliose, Consisting of flat overlapping branches, Upper surface pale gray or greenish gray when dry. Lower surface dark brown to blackish. Covered with blackish rhizines over the entire lower side.

<u>Comments:</u> Network of white ridges on the upper surfaces of the lobes distinguishes from other species.



Ramalina farinacea

http://ocid.nacse.org/classroom/lichens/denison/fig16.html

Common Name: Mealy Ramalina

Appearance: Tufted, upright, pale greenish gray thallus, slender irregular branches.

Thallus: Fruticose thallus, upright, rarely hanging, irregular flattened branches. Pale greenish gray to yellowish-green whey dry and wet.

Comments: lacks apothecia



Hypogymnia Tubulosa

http://ocid.nacse.org/classroom/lichens/denison/fig7.html

Common Name: Hypogymnia Tubulosa

Appearance: Rough, mediumsized patches composed of irregular, flattened, overlapping branches with rounded edges like flattened hollow tubes;

Thallus: Foliose, composed of flattened overlapping branches the individual branches are hollow; upper surface smooth

Comments:

