

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>

Common Name: 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.



Photograph by Jim Riley

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.

Comments: 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
when dry and wet.

Comments: lacks
apothecia



Hypogymnia Tubulosa

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

Common Name: Hypogymnia Tubulosa

Appearance: Rough, medium-sized 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:

