**Common Mosses and Lichens**

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| **Moss** |  |  |
| *Bryum capillare*  Capillary thread moss | Acrocarp  A generalist -soil, concrete, rooftop  Note: leaf shape, silvery point  Riparian |  |
| *Dicranum scoparium*  Broom moss | Acrocarp  Rotten logs, wood, rock, soil  Note: curved leaves swept to one side |  |
| *Dicranum (Orthodicranum) tauricum*  Velvet moss | Acrocarp  Rotten logs, wood  Note: small, leaf tips break easily  Coniferous forest |  |
| *Eurhynchium (Kindbergia) oregana*  Oregon beaked moss | Pleurocarp  A generalist –soil, rotten logs, rock, tree bases  Note: very common, large, once pinnate  Coniferous forest |  |
| *Hylocomium splendens*  Stair-step or Fern moss | Pleurocarp  Soil, rotten logs  Note: new growth comes out of middle of previous year’s growth  Coniferous forest |  |
| *Isothecium myosuroides*  Cat tail moss | Pleurocarp  Rotten logs, rock, trees-conifers & hardwoods  Note: 2 forms, one with long narrow strands  Coniferous forest |  |
| *Leucolepis acanthoneuron (menziesii)*  Menzies’ tree moss | Acrocarp  Soil, logs, tree bases  Note: look like little trees  Coniferous forest, riparian |  |
| *Neckera (Metaneckera) menziesii*  Menzie’s neckera | Pleurocarp  Hardwood trunks, rocks  Note: undulate leaves, looks like *Neckera douglasii*, but has costa and is larger  Coniferous forest |  |
| *Neckera douglasii*  Douglas’s neckera | Pleurocarp  Hardwood trunks  Note: undulate leaves, silvery cast, small |  |
| *Orthotricum lyellii*  Lyell’s bristle moss | Acrocarp  Hardwood trunks & branches  Note: forms tufts  Coniferous forest, hardwood trees |  |
| *Plagiomnium insigne*  Badge moss | Acrocarp  Rotten logs, soil, humus, tree bases  Note: large, fern-like  Coniferous forest |  |
| *Plagiothecium (Buckiella) undulatum*  Snake moss, Cotton moss | Pleurocarp  Rotten logs, tree bases  Note: flattened, silvery, undulate leaves  Coniferous forest |  |
| *Polytrichum juniperinum*  Hair cap moss | Acrocarp  Soil  Note: red bristle point  Open areas, sun to part shade |  |
| *Porella navicularis*  Leafy liverwort | Not a moss, but a liverwort  Hardwood trunks, roofs  Note: flattened, lobes  Wet areas |  |
| *Rhizomnium glabrescens*  Fan moss | Acrocarp  Rotten logs  Note: |  |
| *Rhytidiadelphus squarossus* | Acrocarp  Soil, in grass  Note: looks like stars from above  Coniferous forest, open areas |  |
| *Rhytidiadelphus triquertus*  Electrified cat tail moss | Acrocarp  Soil, in grass, tree bases  Note: tufts at top, red stem  Open areas, base of trees, riparian |  |

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| **Lichens** |  |  |
| *Caloplaca sp.*  Waxy firedot lichen | Crustose  Rock  Note: no leafy structures  Often seaside |  |
| *Chrisothrix candelaris*  Gold dust lichen | Crustose  Trees, coniferous & hardwoods, riparian area  Note: looks like dust, bright yellow  Forests |  |
| *Cladonia bellidiflora*  Toy soldiers | Club  Stumps, rocks, soil  Note: heavily squamolose, red tip |  |
| *Cladonia chlorophaea*  False pixie cup | Club  Soil, moss, wood, tree bases  Note: coarse soredia  Sun & part shade |  |
| *Cladonia furcata*  Many-forked Cladonia | Club  Soil, moss, rotten wood  Note: upright, branched, brown apothecia  Sun & part shade |  |
| *Cladonia macilenta*  Lipstick Cladonia | Club  Conifer bark, wood  Note: several Cladonias have red apothecia, all have “lipstick Cladonia” as one common name  Conifer bark |  |
| *Evernia prunastri*  Antlered perfume  Oak moss | Foliose  Trees, coniferous & hardwoods, shrubs  Note: top is green, bottom is white  Sun & part shade |  |
| *Graphis scripta*  Pencil mark lichen | Crustose  Hardwoods, smooth bark (Alder)  Note: easily recognized |  |
| *Hypogymnia imshaugii*  Forking bone lichen | Foliose  Bark & wood, conifer twigs  Even forking, beautiful patterns |  |
| *Hypogymnia physodes*  Hooded bone lichen | Foliose  Trees, coniferous & hardwoods, shrubs  Note: small, tips exploded with soredia  Widespread |  |
| *Hypogymnia tubulosa*  Powder-headed tube lichen  *.* | Foliose  Trees, coniferous & hardwoods  Note: small, tips with soredia, often with *H. physodes* |  |
| *Lepraria sp.*  Blue dust lichen | Crustose  Trees, coniferous  Note: Fluffy, pale, blue-green  Widespread |  |
| *Lobria pulmonaria*  Lungwort lichen | Foliose  Trees, conifers & hardwoods, shrubs  Note: circular openings on margins |  |
| *Melanelixia sp.*  Camouflage lichen | Foliose  Shrubs & hardwood twigs  Note: almost disappears on brown bark |  |
| *Ochrelechia laevigata*  Smooth saucer lichen | Crustose  Smooth hardwood bark (Alder)  Note: thick rim, ochre color in center |  |
| *Parmelia sulcata*  Waxpaper lichen | Foliose  Trees –coniferous & hardwoods, rock  Note: black rhizines, network of white lines  Widespread |  |
| *Peltigera membranacea*  Felt lichen | Foliose  Soil, moss, rotten logs  Note: surface tomentose, rhizines white |  |
| *Peltigera neopolydactyla*  Frog pelt lichen | Foliose  Soil, moss, rotten logs, rock  Note: surface dark, lower surface cottony, with rhizines |  |
| *Pertusaria amara*  Bitter wart lichen | Crustose  Trees, coniferous & hardwoods (Alder), rock  Note: fuzzy balls (soredia) very bitter to taste |  |
| *Platismatia glauca*  Ragbag lichen | Foliose  Trees, coniferous & hardwoods  Notes: lower surface smooth, white to brown  Open forest |  |
| *Ramalina farinacea*  Several species in our area | Fruticose  Trees, coniferous & hardwoods, shrubs  Notes: all surfaces the same color, soredia on edges |  |
| *Trentepholia aurea*  Terrestrial algae | Not a lichen, but an algae  Hardwoods, especially Alder  Note: small feathery tufts, photobiont in *Graphis scripta* |  |
| *Tuckermanopsis (Cetraria) orbata*  Variable wrinkle lichen | Foliose  Trees, mainly coniferous  Note: marginal pycnidia |  |
| *Usnea sp.*  Several species in our area,  some shrubby, some pendulous | Fruticose  Trees, coniferous & hardwoods, shrubs  Note: All *Usneas* have a central core. Pull gently sideways on main stem and the surface will split to reveal the cord |  |
| *Usnea fillipendula (dasopoga)*  Fishbone beard lichen | Fruticose  Trees, mainly coniferous  Note: has fibrils, isidia, papillae, fairly long |  |
| *Usnea longissima*  Methusella’s beard | Fruticose  Bark & wood  Note: can be 6 ft. long |  |
| *Zanthoria sp.* | Foliose  Twigs & branches  Note: orange to yellow-orange color, leafy structures |  |