

**2019 Washington Lichen Species**

**of Special Concern and Review Lists**

Washington Natural Heritage Progam

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**WASHINGTON NATURAL HERITAGE PROGRAM**

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2019 Washington Vascular Lichen Species of Special Concern and Review Lists

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Washington Natural Heritage Program

Washington Department of Natural Resources

Olympia, Washington 98504-7014

**ON THE COVER:** Arctic datylina lichen (*Dactylina arctica*) known from Okanogan and Skamania counties, from Whitman Co., Washington

Photograph by: Richard Droker (with permission).from St. Elias Lake Trail, Yukon, Canada.

.

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Introduction

For more than 40 years the Washington Natural Heritage Program (WNHP) has maintained a list of Washington plant species of conservation concern. Each of these species is ranked at the global and state scale following the standardized protocol of the NatureServe network. Although WNHP is not a regulatory agency, the program’s list and rankings help inform conservation decisions relating to rare plants on federal, state, private, and tribal lands (WDNR 2018).

In 2011, Northwest Lichenologists (a non-profit organization promoting research and appreciation of lichens in northwestern North America) obtained a grant from the US Forest Service and Bureau of Land Management to conduct a review of the conservation status of lichens in Washington. The goal of the project was to make recommendations to WNHP of lichen species that are Endangered, Threatened, or Sensitive in the state. This list was submitted in February 2013 (Northwest Lichenologists 2013), but was not formally adopted by WNHP until 2018.

The following report is an update of the 2013 list. Additional information is provided on distribution pattern within Washington (local endemic, peripheral, disjunct, etc.) and by county, ecoregion, and major managed area (such as national forest, national park, or state lands). The list is divided into three parts: species of special concern (taxa listed as state endangered, threatened, sensitive, or extirpated); Review 1 (species under consideration for potential state listing but which need more information); and Review 2 (species under consideration or potential state listing, but have taxonomic questions that need to be resolved).

Each of the main headings in the species list and their codes are briefly described below:

Species/Common Name: Species are organized alphabetically by their scientific name. Nomenclature mostly follows the Consortium of North American Lichen Herbaria (2019). Pertinent synonyms are included in parentheses. Common names follow the USDA Plants database (http://plants.usda.gov) or NatureServe (http://explorer.natureserve.org).

Heritage Rank: WNHP uses the ranking system developed by NatureServe to assess global and state conservation status of each plant species, subspecies, and variety. Taxa are ranked on a scale of 1 to 5 (from highest to lowest conservation concern).

G = Global Rank: rangewide status of a full species

T = Trinomial Rank: rangewide status of a subspecies or variety

S = State Rank: status of a species, subspecies, or variety within the state of Washington

1 = Critically Imperiled – at very high risk of extirpation due to very restricted range,

very few occurrences, very steep declines, very severe threats, or other factors

2 = Imperiled – at high risk of extirpation due to restricted range, few occurrences, steep

declines, severe threats, or other factors

3 = Vulnerable – at moderate risk of extirpation due to a fairly restricted range, relatively

few occurrences, recent and widespread declines, threats, or other factors

4 = Apparently secure – at fairly low risk of extirpation due to an extensive range or

many occurrences, but with possible cause for some concern as a result of local

recent declines, threats, or other factors

5 = Secure – at very low risk of extirpation due to a very extensive range, abundant

occurrences, and little to no concern from decline or threats

H = Historical– known from only historical occurrences (prior to 1978) but still with

some hope of rediscovery

X = Presumed Extirpated – not relocated since 1978 despite intensive searches and

virtually no likelihood of rediscovery

U = Unrankable – lack of information or substantially conflicting information about

status

NR = Not Ranked – rank not assessed yet

Q = Questionable - questions exist about the taxonomic validity of a species, subspecies,

or variety

? = Questionable – questions exist about the assigned G, T, or S rank of a taxon

State Status: Washington state status is assigned by WNHP. Factors considered include abundance, distribution patterns, number of extant occurrences, vulnerability, threats, existing protection, and taxonomic distinctness. Categories include:

Endang = Endangered, in danger of becoming extinct or extirpated from Washington Threat = Threatened, likely to become Endangered in Washington

Sens = Sensitive, vulnerable or declining and could become Threatened or Endangered in

Washington

Extirp = possibly extinct or extirpated in Washington (includes state historical species)

Federal Status: No lichens in Washington are currently listed or candidates for listing under the US Endangered Species Act.

The Interagency Special Status and Sensitive Species Program (ISSSSP) of the US Forest Service (USFS) and Bureau of Land Management (BLM) in Washington and Oregon recognize two categories of species of concern (ISSSSP 2019).

B-Sens = BLM Sensitive; all USFWS candidate and delisted species and WNHP species

of concern ranked S1, S1S2, S1S3, S2, or S2S3 found on at least one BLM

managed area in Washington.

F-Sens = Forest Service Sensitive: all USFWS candidate and delisted species and

WNHP species of concern ranked S1, S1S2, S1S3, S2, or S2S3 found on at least

one USFS managed area in Washington.

Distribution (Dist.) Pattern: Species rarity is often correlated with geographic distribution patterns. The following patterns can be recognized in Washington:

LocEnd = Local Endemic; global range of taxon is less than 16,500 km2 or about 1

degree of latitude x 2 degrees of longitude (about the size of an average county)

RegEnd = Regional Endemic; global range of taxon is between 16,500 to 250,000 km2

(or an area about the size of the state of Washington)

Disjunct = Disjunct; globally widespread but state population is isolated from the main

contiguous range by a gap or more than 500 km

Periph = Peripheral; globally widespread but Washington population is at the margin of

the main contiguous range of the taxon

Sparse = Sparse; widely distributed across the state but with relatively few populations

(less than 20)

Widesp = Widespread; widely distributed globally and in Washington, with more than 20

populations in the state.

County: Three-letter codes are used to document the distribution of plant species by county. Vague or unsubstantiated reports are indicated by ?.

Ada = Adams Grh = Grays Harbor Pie = Pierce

Aso = Asotin Isl = Island Saj = San Juan

Ben = Benton Jef = Jefferson Skg = Skagit

Che = Chelan Kin = King Skm = Skamania

Clm = Clallam Ktp = Kitsap Sno = Snohomish

Clk = Clark Ktt = Kittitas Spo = Spokane

Col = Columbia Kli = Klickitat Ste = Stevens

Cow = Cowlitz Lew = Lewis Thu = Thurston

Dou = Douglas Lin = Lincoln Whk = Wahkiakum

Fer = Ferry Mas = Mason Waw = Walla Walla

Fra = Franklin Oka = Okanogan Whc = Whatcom

Gar = Garfield Pac = Pacific Wht = Whitman

Gra = Grant Peo = Pend Oreille Yak = Yakima

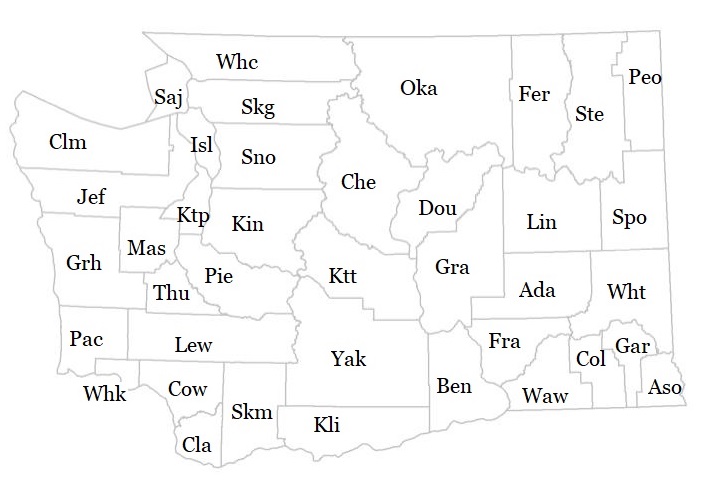
Ecoregion: Ecoregions are biologically-defined geographic areas with similar environmental, physiographic, or vegetation patterns. We follow the classification of Camp and Gamon (2011). Two-letter codes are used for ecoregion names. Vague or unsubstantiated reports are indicated by ?.

BM = Blue Mountains EC = East Cascades PC = Pacific Northwest Coast

CP = Columbia Plateau NC = North Cascades PT = Puget Trough

CR = Canadian Rockies OK = Okanogan WC = West Cascades





Washington Counties Washington Ecoregions

Managed Area: Major Washington state, federal, or tribal land management areas are included when known. Blank listings indicate that a species is only known from private lands or state trust lands. “? “indicates that presence within a management area is not confirmed. Complete managed area information, or data specific to individual plant occurrences, can be obtained from WNHP (www.dnr.wa.gov/natural-heritage-program). The following abbreviations are used:

BLM = Bureau of Land Management

NAP = Natural Area Preserve (Washington Dept of Natural Resources)

NF = National Forest

NP = National Park

NRCA = Natural Resources Conservation Area (Washington Dept of Natural Resources)

NSA = National Scenic Area

NVM = National Volcanic Monument

NWR = National Wildlife Refuge

SP = State Park

SWA = State Wildlife Area (Washington Dept of Fish & Wildlife)

WA = Wilderness Area

Washington Lichen Species of Special Concern

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Washington Species of Special Concern** | | | | | | | |
| **Species**  **Common Name** | **Heritage Rank** | **State Status** | **Federal Status** | **Dist. Pattern** | **County** | **Eco-region** | **Managed Area** |
| *Acroscyphus sphaerophoroides*  crab eye lichen | GNR/S1 | Endang |  | Periph | Sno | NC | Glacier WA  Mt. Baker-Snoqualmie NF |
| *Alectoria nigricans*  (*Gowardia nigricans*)  witch’s hair lichen | G5/S3 | Threat |  | Wide | Che, Clm, Lew, Oka, Pie, Skg, Skm, Whc | EC, NC, OK, PC, WC | Gifford Pinchot NF  Mt. Baker-Snoqualmie NF  Mt. Rainier NP  Okanogan-Wenatchee NF  Olympic NP  Tatoosh WA |
| *Alectoria ochroleuca*  green witch’s hair lichen | G5/S1 | Endang |  | Sparse | Clm | PT |  |
| *Arctoparmelia incurva*  arctoparmelia lichen | G5/S1 | Endang | F-Sens | Sparse | Oka, Yak | EC, OK | Gifford Pinchot NF  Mt. Adams WA  Okanogan-Wenatchee NF |
| *Bryoria tenuis*  (*Alectoria t., Bryopogon t.*)  pied horsehair lichen | G3G5/S1 | Endang |  | Periph | Saj | PT | Moran SP |
| *Bunodophoron melanocarpum*  (*Sphaerophorus compressus*)  northern fan-coral lichen | GNR/S1 | Threat |  | Periph | Clm, Jef | PC | Olympic NP |
| *Catolechia wahlenbergii*  Wahlenberg's catolechia lichen | G3G5/S1 | Endang |  | Disj | Lew | WC | Mt. Rainier NP |
| *Chaenotheca subroscida*  needle lichen | G3G4/S3 | Sens |  | Wide | Gar, Ktt, Oka, Ska, Yak | BM, EC, OK, WC | Gifford Pinchot NF  Okanogan-Wenatchee NF  Umatilla NF |
| *Cladonia ciliata* var*. ciliata*  cup lichen | GNR TNR/S1 | Endang |  | Disj | Thu | PT | Mima Mounds NAP  Scatter Creek SWA |
| *Cladonia ciliata* var. *tenuis*  cup lichen | GNR TNR/S1 | Endang |  | Disj | Thu | PT | Glacial Heritage Preserve  Mima Mounds NAP  Scatter Creek SWA  South Puget Prairie Preserve |
| *Cladonia novochlorophaea*  novochlorophaeic pixie-cup lichen | G5T1/S1 | Endang |  | Disj | Thu | PT | Glacial Heritage Preserve  Mima Mounds NAP  Scatter Creek SWA |
| *Cladonia poroscypha*  perforate pixie cup | GNR/S1 | Endang |  | RegEnd | Isl, Skg | PT | Deception Pass SP |
| *Cladonia portentosa* ssp. *pacifica*  maritime reindeer lichen | G5TNR/S2 | Threat |  | RegEnd | Pac, Skg, Thu | PC, PT | Glacial Heritage Preserve  Leadbetter Point SP  Mima Mounds NAP  Scatter Creek SWA  South Puget Prairie Preserve  Washington Park |
| *Collema nigrescens*  jelly lichen | G5?/S3 | Sens |  | Sparse | Lew, Peo, Pie, Skm, Thu | CR, PT, WC | Bald Hill NAP  Columbia River Gorge NSA  Colville NF  Gifford Pinchot NF  Mt. Baker-Snoqualmie NF  Mt. St. Helens NVM |
| *Dactylina arctica*  arctic dactylina lichen | G5/S1 | Endang | F-Sens | Disj | Oka, Skm | OK, WC | Gifford Pinchot NF  Okanogan-Wenatchee NF |
| *Dactylina ramulosa*  dactylina lichen | G5/S1 | Endang |  | Periph | Oka | OK | Okanogan-Wenatchee NF  Pasayten WA |
| **Washington Species of Special Concern** | | | | | | | |
| **Species**  **Common Name** | **Heritage Rank** | **State Status** | **Federal Status** | **Dist. Pattern** | **County** | **Eco-region** | **Managed Area** |
| *Dermatocarpon meiophyllizum*  silverskin lichen | G3G5/S2 | Threat | B-Sens  F-Sens | Sparse | Che, Ktt, Lin, Oka, Skm | CP, EC, OK, WC | Alpine Lakes WA  Gifford Pinchot NF  Mt. St. Helens NVM  Okanogan-Wenatchee NF  Pasayten WA  Spokane BLM |
| *Dermatocarpon moulinsii*  Moulins' silverskin lichen | GNR/S1 | Endang |  | Sparse | Whc | NC | Mt. Baker-Snoqualmie NF |
| *Erioderma sorediatum*  erioderma lichen | G4/S2 | Threat | B-Sens  F-Sens | Periph | Clm, Jef, Pac | PC | Leadbetter Point SP  Olympic NP |
| *Fuscopannaria laceratula*  torn shingles lichen | G5/S1 | Endang |  | Periph | Clm | PC | Olympic NP |
| *Heterodermia leucomela*  shield lichen | G4/S1 | Endang |  | Periph | Jef, Pac | PC | Cape Disappointment SP  Olympic NF |
| *Hypogymnia heterophylla*  tube lichen | G3/S3 | Sens |  | Sparse | Pac, Thu | PC, PT | Bald Hill NAP  Cape Disappintment SP |
| *Hypotrachyna revoluta*  hypotrachyna lichen | G3G4/S1 | Endang |  | Periph | Skg, Skm | NC, WC | Beacon Rock SP  Columbia River Gorge NSA  Mt. Baker-Snoqualmie NF |
| *Kaernefeltia californica*  kaernefeltia lichen | G3/S2 | Threat |  | Sparse | Grh | PC | Westport Lighthouse SP |
| *Leioderma sorediatum*  treepelt lichen | G4/S1 | Endang | B-Sens  F-Sens | Periph | Clm | PC | Olympic NP |
| *Leptogium burnetiae*  Burnet's skin lichen | G4G5/S1 | Endang | B-Sens  F-Sens | Sparse | Skm, Sno | NC, WC |  |
| *Leptogium cyanescens*  skin lichen | G5/S1 | Endang | F-Sens | Periph | Skm, Sno | NC, WC | Columbia River Gorge NSA  Gifford Pinchot NF  Mt. Baker-Snoqualmie NF  Wild Sky WA |
| *Nephroma occultum*  kidney lichen | G4/S3 | Sens |  | Wide | Lew, Oka, Peo, Skm, Sno, Whc | CR, NC, OK, WC | Colville NF  Gifford Pinchot NF  Mt. Baker-Snoqualmie NF  Mt. St. Helens NVM  Okanogan-Wenatchee NF |
| *Niebla cephalota*  niebla lichen | G3G4/S2 | Sens | B-Sens  F-Sens | Disj | Clm, Isl, Saj, Skg | PT | Deception Pass SP  San Juan NHP  Sequim Bay SP  Spokane BLM |
| *Pannaria rubiginella*  shingle lichen | G3G5/S1 | Endang |  | Periph | Jef | PC | Olympic NP |
| *Peltigera hydrothyria*  (*Hydrothyria venosa, H. fontana*)  hydrothyria lichen | G4/S3 | Sens |  | Wide | Che, Cow, Lew, Skm, Sno | EC, NC, WC | Gifford Pinchot NF  Glacier Peak WA  Mt. Adams WA  Mt. Baker-Snoqualmie NF  Mt. St. Helens NVM  Okanogan-Wenatchee NF |
| *Pertusaria coccodes*  black-spotted wart lichen | GNR/S1 | Endang |  | Disj | Clm | PC |  |
| *Pseudocyphellaria hawaiiensis*  (*P. perpetua*)  gilded specklebelly lichen | G5/S1 | Endang | F-Sens | Disj | Grh | PC | Olympic NF |
| *Pseudocyphellaria rainierensis*  Rainier pseudocyphellaria lichen | G3G4/S4 | Sens |  | RegEnd | Grh, Jef, Kin, Lew, Pie, Skg, Skm, Sno, Whc | NC, PC, WC | Gifford Pinchot NF  Glacier Peak WA  Mt. Baker-Snoqualmie NF  Mt. Rainier NP  Mt. St. Helens NVM  Olympic NF |
| **Washington Species of Special Concern** | | | | | | | |
| **Species**  **Common Name** | **Heritage Rank** | **State Status** | **Federal Status** | **Dist. Pattern** | **County** | **Eco-region** | **Managed Area** |
| *Ramalina pollinaria*  powdery twig lichen | G4/S2 | Threat |  | Periph | Clm, Grh, Isl, Saj, Skg, Sno | PC, PT | Deception Pass SP  Dungeness NWR  Obstruction Pass SP  Spokane BLM |
| *Ramalina thrausta*  cartilage lichen | G5/S2 | Threat | B-Sens  F-Sens | Sparse | Lew, Pac, Peo | CR, PC, WC | Colville NF  Fort Columbia SP  Gifford Pinchot NF |
| *Solorina saccata*  chocolate chip lichen | G5/S1 | Endang | B-Sens  F-Sens | Periph | Peo, Skg, Whc | CR, NC | Colville NF  Mt. Baker-Snoqualmie NF  Mt. Baker WA  North Cascades NP |
| *Stereocaulon myriocarpum*  snow lichen | G4/S2 | Threat |  | Sparse | Kli | EC |  |
| *Sulcaria badia*  groovy beard lichen | G3/SH | Extirp |  | Disj | Clm | PT |  |
| *Sulcaria spiralifera*  (*Bryoria pseudocapillaris, B. spiralifera*)  horsehair lichen | G3/S1 | Endang |  | Disj | Clm, Isl | PC, PT | Deception Pass SP  Olympic NP |
| *Texosporium sancti-jacobi*  woven-spore lichen | G3/S1? | Threat | B-Sens  F-Sens | Periph | Ben, Kli, Yak | CP | Cleveland Shrub Steppe NAP  Spokane BLM |
| *Thelomma mammosum*  thelomma lichen | G3G4/S2 | Sens | B-Sens | Periph | Isl, Saj, Skg | PT | Cattle Point NRCA  Deception Pass SP  Spokane BLM |
| *Tholurna dissimilis*  urn lichen | G4G5/S2 | Sens | B-Sens  F-Sens | Sparse | Che, Clm, Kin, Lew, Oka, Pie, Skm, Sno, Whc | EC, NC, OK, PC, WC | Alpine Lakes WA  Gifford Pinchot NF  Glacier Peak WA  Henry M. Jackson WA  Mt. Baker-Snoqualmie NF  Mt. Baker WA  Okanogan-Wenatchee NF  Olympic NP  Pasayten WA |
| *Umbilicaria lambii*  Lamb's navel lichen | G2G4/S1 | Endang | F-Sens | RegEnd | Jef, Lew, Skm | PC, WC | Gifford Pinchot NF  Mt. St. Helens NVM  Olympic NP  Tatoosh WA |
| *Umbilicaria lyngei*  Lynge's navel lichen | G3/S1 | Endang |  | Sparse | Pie, Whc | NC, WC | Mt. Baker-Snoqualmie NF  Mt. Rainier NP |
| *Umbilicaria phaea* var. *coccinea*  navel lichen | G5?T3Q/S1 | Endang | B-Sens | Disj | Che, Dou | CP, EC | Spokane BLM |
| *Umbilicaria rigida*  rigid navel lichen | G4?/S2 | Threat | F-Sens | Sparse | Clm | PC | Olympic NP |
| *Umbilicaria scholanderi*  (*Argyrophora scholanderi*)  Scholander's navel lichen | G1/S1 | Endang |  | Disj | Mas | PC | Olympic NF |
| *Usnea lambii*  (*Neuropogon lambii*)  zebra beard lichen | G4G5/S2 | Threat | F-Sens | Disj | Pie, Skm, Sno, Yak | EC, NC, WC | Gifford Pinchot NF  Glacier Peak WA  Mt. Adams WA  Mt. Baker-Snoqualmie NF  Mt. Rainier NP |
| **Washington Species of Special Concern** | | | | | | | |
| **Species**  **Common Name** | **Heritage Rank** | **State Status** | **Federal Status** | **Dist. Pattern** | **County** | **Eco-region** | **Managed Area** |
| *Usnea longissima*  beard lichen | G4/S4 | Sens |  | Wide | Cla, Clm, Grh, Jef, Kin, Lew, Mas, Pac, Pie, Skg, Skm, Sno, Whc | NC, PC, WC | Chinook River SWA  Colonel Bob WA  Federation Forest SP  Fords of the Sky SP  Gifford Pinchot NF  Mt. Baker-Snoqualmie NF  Mt. St. Helens NVM  Olympic NF  Olympic NP |
| *Usnea quasirigida*  beard lichen | GNR/S2 | Threat |  | Disj | Skg, Whc | PT |  |
| *Usnea subgracilis*  beard lichen | G4G5/S3 | Sens |  | Sparse | Clm, Pac | PC | Fort Columbia SP  Olympic NP |
| *Vulpicida tilesii*  yellow lichen | G4G5/S1 | Endang |  | Periph | Jef | PC | Olympic NF |

Washington Lichen Review List 1

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| **Washington Review List 1** | | | | | |
| **Species**  **Common Name** | **Heritage Rank** | **Dist. Pattern** | **County** | **Eco-region** | **Comment/Information Needs** |
| *Bryocaulon divergens*  (*Cornicularia divergens*)  heath foxhair lichen | G4G5/SU | Sparse | Che, Pie, Saj, Whi | EC, PT, WC | Known from 4 historical occurences in WA, last observed in 1962 |
| *Buellia oidalea*  disc lichen | GNR/SU | Disj | Clm, Kin, Pie, Saj, Sno, Whc | PC, PT | Known from 3 extant and 7 historical occurrences in WA |
| *Buellia tesserata*  tesserate disc lichen | GNR/SU | Disj | Isl?, Saj | PT | Known from 1 or 2 extant occurrences in WA |
| *Circinaria hispida*  (*Aspicilia hispida*)  desert vagabond lichen | G3/SNR | Sparse | Ktt, Lin, Yak | CP | Known from 3 extant occurrences in WA |
| *Coccotrema pocillarium*  cocotrema lichen | G2G4/S1 | Periph | Clm, Jef? | PC | Known from 2 extant and 2 historical occurrences in WA |
| *Flavoparmelia caperata*  common greenshield lichen | G5?/SU | Disj | Isl, Skg | PT | Known from 2 extant occurrences in WA |
| *Leptogium teretiusculum*  (*Scytinium teretiusculum*)  curly jellyskin lichen | G4G5Q/S1 | Sparse | Cow, Skg, Skm, Whc | PT, WC | Known from 4 extant and 4 historical occurrences in WA |
| *Ochrolechia turneri*  Turner's saucer lichen | GNR/SU | Periph | Saj | PT | Known from 1 extant occurrence in WA |
| *Pannaria rubiginosa*  brown-eyed shingle lichen | G4G5/SU | Sparse | Clm, Grh, Pie | PC, PT, WC | Known from 3 historical occurrences in WA, last observed in 1940 |
| *Peltigera lepidophora*  scaly pelt lichen | G4/S1 | Sparse | Grh, Jef, Oka, Pie, Spo, Whc | CP, NC, OK, PC, WC | Known from 3 extant and 5 historical occurrences in WA |
| *Pertusaria flavocorallina*  pore lichen | GNRSU | Disj? | ? | ? | Reported for WA, location needs to be confirmed |
| *Phaeographis smithii*  Smith's phaeographis lichen | GNR/SU | Disj | Clm | PC | Known from 1 occurrence in WA |
| *Rhizocarpon cookeanum*  Cooke's map lichen | GNR/S1 | Sparse | Aso, Gar, Gra, Spo, Wht | CP | Known from 3 extant occurrences and 3 historical records in WA; some recent reports may need confirmation |
| *Rinodina aspersa*  pepper-spore lichen | GNR/S1 | Disj | Saj | PT | Known from 1 extant occurrence in WA |
| *Schaereria dolodes*  Fraudulent false map lichen | G4/S1 | RegEnd | Lew, Spo | CR, WC | Known from 4 extant occurrences in WA |
| *Trapeliopsis glaucopholis*  California mottled-disk lichen | G3G4/S1 | Sparse | Che, Kli, Ktt, Peo | CP, CR, EC | Known from 5 extant and 2 historical occurrences in WA |
| *Trapeliopsis steppica*  grassland mottled-disk lichen | G2G4/S1 | Disj | Ben, Dou | CP | Known from 2 extant occurrences in WA |
| *Umbilicaria hirsuta*  granulating rocktripe lichen | G2G4/SU | Periph | Kli, Peo, Ste | CR, EC | Known from 1 extant and 2 historical occurrences in WA |
| *Vestergrenopsis isidiata*  peppered brownette lichen | G4?/S1 | Sparse | Skg, Skm, Whc | NC, WC | Known from 4 extant occurrences in WA |

Washington Lichen Review List 2

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| **Washington Review List 1** | | | | | |
| **Species**  **Common Name** | **Heritage Rank** | **Dist. Pattern** | **County** | **Eco-region** | **Comment/Information Needs** |
| *Alectoria lata*  Flowering witch's hair | G3G4/SNR | Sparse | Che, Clm, Kli, Ktt, Lew, Skm, Sno, Whc, Yak | EC, NC, PC, WC | Known from at least 13 extant and 3 historical occurrences in WA |
| *Bryoria pikei*  Pike's horsehair lichen | G2/SNR | RegEnd | Clm, Mas, Pie, Skm, Spo, Whc | CR, EC, NC, PC, WC | Known from 6 extant and 3 historical occurrences in WA |
| *Dendriscocaulon intricatulum*  *o*live-thorn lichen | GUQ/SNR | Sparse | Jef, Skm, Sno, Whc | NC, PC, WC | Known from 10 extant and 1 historical occurrences in WA |
| *Lobaria silvae-veteris*  (*Nephroma silvae-veteris*)  old-growth lung lichen | GNR/SNR | Periph | Whc | NC | Known from 1 extant occurrence in WA |
| *Pyrrhospora subcinnabarina*  (*Ramboldia subcinnabarina*)  crimson dot lichen | GNR/SNR | Periph | ? | ? | Reported, but data needed on current distribution and abundance in WA |
| *Umbilicaria arctica*  Arctic rocktripe lichen | G3/SNR | Sparse | Che, Jef, Lew, Oka | EC, OK, PC | Known from 2 extant and 3 historical occurrences in WA. |
| *Umbilicaria nylanderiana*  ascerbic rocktripe lichen | GNR/S1 | Disj | Che, Kin, Pie | EC, PT?, WC | Known from 1 extant and 2 historical occurrences in WA |

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