

**ALBERTA NATURAL HERITAGE INFORMATION CENTRE
PRELIMINARY LICHEN TRACKING LIST**

**Compiled by Joyce Gould
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ALBERTA NATURAL HERITAGE INFORMATION CENTRE PRELIMINARY LICHEN TRACKING LIST

Compiled Joyce Gould
May, 2000

This list contains the preliminary tracking and watch lists for both macro- and micro-lichens as developed by the Alberta Natural Heritage Information Centre (ANHIC), Alberta Environment. The lichen flora in Alberta is not particularly well documented and thus these lists should be viewed as preliminary in nature. We encourage submission of locational information for any of the taxa on either the tracking or watch lists as such information will be used to help us revise these lists. A Rare Native Plant Report Form is attached for your convenience.

Background

The ANHIC was initiated as a joint project of The Nature Conservancy, Canadian Heritage, Alberta Region and Alberta Environmental Protection. It is housed within the Parks and Protected Areas Division of Alberta Environment. The ANHIC has established both formal and informal links with organizations and individuals with expertise and information about plants in Alberta. The Devonian Botanic Garden of the University of Alberta is an affiliate.

The purpose of the Centre is to collect, evaluate and make available information on the elements of native biodiversity of Alberta—plants, animals, natural communities and landscapes. This is done in part through the production of tracking and watch lists.

Tracking and Watch Lists

Tracking lists include elements of high priority because they are rare or of conservation concern in some other way. They are most commonly ranked S1, S2 and occasionally S3 (see below for an explanation of ranking). Data for those species on the tracking lists are entered into a series of data files and linked to a geographic information system. Watch lists include elements for which we want to collect more information but for which data is compiled rather than processed to the fullest extent. The tracking and watch lists are under constant review and revision based on available data and will be updated and published on a periodic basis.

Various sources of information including published and unpublished literature, field surveys, herbarium specimens, rare plant files and discussions with knowledgeable individuals were used to produce this preliminary list. The tracking and watch lists are organized alphabetically by scientific name.

Several individuals have assisted in the production of the list through review of ranks and/or taxonomy and their assistance is gratefully acknowledged: Peter Achuff, C. D. Bird, Ernie Brodo, Jim Case, D. Coxson, Trevor Goward, Roxanne Hastings, Derek Johnson, Olivia Lee, Janet Marsh, Bruce Ryan, J. Sheard, John Thomson and C. Wetmore. Beth Cornish helped coordinate the data compilation required for the production of this list.

Species that are on the watch lists are typically taxa that have restricted distributions within Alberta but are common within their range. Information is collected to ascertain trends in populations. We may decide to move a species from the watch list to the tracking list if information suggests that the species be in decline. Please submit a Rare Native Plant Report Form for those taxa included on the watch lists.

Rank

Elements are evaluated and ranked on their status (globally and state/provincially) using a system developed by The Nature Conservancy which is in use throughout North America. Ranking is usually based primarily on the number of occurrences, since that is frequently the only information available. Information, such as population size and trend, life history and reproductive strategies, range and current threats is used when available. The ranks in Alberta are defined as:

RANK (G=global; S=Alberta)

G1	S1:	≤ 5 occurrences or only a few remaining individuals.
G2	S2:	6-20 occurrences or with many individuals in fewer occurrences.
G3	S3:	21-100 occurrences may be rare and local throughout its range, or in a restricted range (may be abundant in some locations or may be vulnerable to extirpation because of some factor of its biology).
G4	S4:	apparently secure under present conditions, typically >100 occurrences but may be fewer with many large populations; may be rare in parts of its range, especially peripherally.
G5	S5:	demonstrably secure under present conditions, > 100 occurrences, may be rare in parts of its range, especially peripherally.
GU	SU:	status uncertain often because of low search effort or cryptic nature of the element; possibly in peril, unrankable, more information needed.
GH	SH:	historically known, may be relocated in the future.

Other codes are:

E:	exotic species established, may be native to nearby regions
HYB:	hybrid taxon that is recurrent in the landscape
P:	potentially exists; may have occurred historically (but having not been persuasively documented)
Q:	taxonomic questions or problems
R:	reported but lacking sufficient documentation to accept or reject
RD:	report dubious
RF:	reported falsely
T_:	rank for a subspecific taxon
X:	believed to be extirpated
G? or S?:	not yet ranked
_?:	rank questionable

Updates and Additional Information

We are asking for your help in keeping our databases as accurate and up-to-date as possible. If you discover any new occurrences of species on this list, please submit a Rare Native Plant Report Form. Feel free to notify us of any inaccuracies or discrepancies you may notice in our data, or if you have comments on the rank, and give us your suggestions on how our services could be more useful to you.

Information on the ANHIC is available through the Internet at <http://www.gov.ab.ca/env/parks/anhic/anhic.html> or by contacting:

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Alberta Natural Heritage Information Centre

Lichen Tracking List

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If you discover an occurrence, or have new information on existing occurrences, of any of the elements on this list, please contact Joyce Gould, Botanist, Alberta Natural Heritage Information Centre at (780) 427-7702 or (780) 427-5980 (fax) or e-mail

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<i>Scientific Name</i>	<i>Common Name</i>	<i>Srank</i>	<i>Grank</i>	<i>Code</i>
<i>Acarospora arenacea</i>		S2	G?	NLT0000440
<i>Acarospora fuscata</i>		S2	G?	NLT0000620
<i>Acarospora heppii</i>		S1	G?	NLT0000680
<i>Acarospora oligospora</i>		SU	G?	NLT0000840
<i>Acarospora schleicheri</i>		S2	G?	NLLEC02700
<i>Acarospora smaragdula</i>		S2	G?	NLT0000960
<i>Acarospora thamnina</i>		S1	G?	NLT0001050
<i>Acarospora veronensis</i>		S2	G?	NLT0001110
<i>Agrestia hispida</i>		S2S3	G3	NLLEC04010
<i>Alectoria imshaugii</i>		S1	G5	NLTEST7840
<i>Allantoparmelia alpicola</i>		S2	G?	NLT0001250
<i>Anaptychia setifera</i>		S2	G3G4	NLTEST9030
<i>Arctoparmelia centrifuga</i>		S2	G?	NLT0001640
<i>Arctoparmelia incurva</i>		S1	G?	NLLEC6D010
<i>Arctoparmelia seperata</i>		S1		NLTEMP0007
<i>Arctoparmelia subcentrifuga</i>		S1	G?	NLT0001670
<i>Arthonia patellulata</i>		S3?	G?	NLT0002340
<i>Arthopyrenia punctiformis</i>		S1	G?	NLT0002930
<i>Arthrorhaphis alpina</i>	Golden dot lichen	S1		NLLECARAL1
<i>Arthrorhaphis citrinella</i>		S2		NLLECARCHI1
<i>Aspicilia anseris</i>		S2	G?	NLT0003240
<i>Aspicilia arctica</i>		S1	G?	NLT0003260
<i>Aspicilia candida</i>		S3	G?	NLT0003300
<i>Aspicilia elevata</i>		S1	G?	NLT0003380
<i>Aspicilia gibbosa</i>		S2	G?	NLT0003400

<i>Aspicilia pergandosa</i>		S1	G?	NLT0003380
<i>Aspicilia reptans</i>		S1	G?	NLT0003640
<i>Aspicilia rolleana</i>		SU		NLLECLERO1
<i>Aspicilia sublapponica</i>		S1	G?	NLT0003690
<i>Aspicilia supertegens</i>		S2	G?	NLT0003730
<i>Bacidia bagliettoana</i>		S2	G?	NLT0003960
<i>Bacidia hegetschweileri</i>		S1	G?	NLT0004060
<i>Bacidia saxicola</i>		S2	G?	NLT0004320
<i>Baeomyces rufus</i>		S2	G4G5	NLTEST8170
<i>Bellemerea cinereorufescens</i>		S2	G?	NLT0004680
<i>Biatora turgidula</i>		S2	G?	NLT0004860
<i>Biatora vernalis</i>		S2	G?	NLT0004870
<i>Bryocaulon divergens</i>		S1	G?	NLLEC6F010
<i>Bryonora castanea</i>		S1	G?	NLT0004980
<i>Bryoria friabilis</i>		SR	G3	NLTEST5320
<i>Bryoria nadvornikiana</i>	old man's beard	S2	G?	NLTEST5380
<i>Bryoria nitidula</i>		S2	G?	NLTEST5390
<i>Bryoria simplicior</i>	old man's beard	S2S3	G?	NLTEST5450
<i>Bryoria tenuis</i>		S1	G?	NLTEST5490
<i>Bryoria trichodes</i>	old man's beard	SU	G3G5	NLTEST5510
<i>Buellia elegans</i>		S2	G?	NLTES24450
<i>Buellia geophila</i>		SU	G?	NLTES24490
<i>Buellia lactoidea</i>		S2		NLBUEBULA1
<i>Buellia retrovertens</i>		S1	G?	NLT0005310
<i>Buellia semitensis</i>		S1	G?	NLT0005360
<i>Buellia turgescens</i>		S1	G?	NLT0005450
<i>Buellia vilis</i>		S1	G?	NLT0005470
<i>Calicium salicinum</i>		S1	G5	NLTES25180
<i>Calicium trabinellum</i>		S2	G?	NLT0005720
<i>Caloplaca approximata</i>		S1	G?	NLT0005790
<i>Caloplaca atroalba</i>		S1		NLTELCAAT1
<i>Caloplaca chrysophthalma</i>		S1	G?	NLT0006010
<i>Caloplaca citrina</i>		S1	G?	NLT0006040
<i>Caloplaca cladodes</i>		S1	G?	NLLEC25270
<i>Caloplaca epithallina</i>		S2	G?	NLT0006170
<i>Caloplaca exsecuta</i>		S1	G?	NLT0006190

<i>Caloplaca flavorubescens</i>		S2	G?	NLT0006240
<i>Caloplaca flavovirescens</i>		S2	G?	NLT0006250
<i>Caloplaca fraudans</i>		S1	G?	NLT0006270
<i>Caloplaca sideritis</i>		S1	G?	NLT0006710
<i>Caloplaca sinapisperma</i>		S2	G?	NLT0006720
<i>Caloplaca tetraspora</i>		S2	G?	NLT0006830
<i>Caloplaca trachyphylla</i>		S2	G?	NLT0006870
<i>Caloplaca ulmorum</i>		S1	G?	NLT0006880
<i>Caloplaca vitellinula</i>		S1	G?	NLT0006940
<i>Candelariella canadensis</i>		S2	G?	NLT0007030
<i>Candelariella terrigena</i>		S1	G?	NLT0007180
<i>Candelariella xanthostigma</i>		S1	G?	NLT0007190
<i>Carbonea vorticosa</i>		S1	G4G5	NLTES26700
<i>Catapyrenium lachneum</i>		S2?	G5	NLTEST9150
<i>Catillaria chalybeia</i>		S2	G?	NLT0007460
<i>Catillaria globulosa</i>		S1	G?	NLT0007530
<i>Catillaria nigroclavata</i>		S2	G?	NLT0007590
<i>Catillaria subnegans</i>		S1		NLLECCADU1
<i>Catinaria laureri</i>		S2	G?	NLT0007660
<i>Cetraria arenaria</i>		S1	G4	NLTEST5590
<i>Cetraria laevigata</i>		SU	G?	NLTEST5750
<i>Cetraria subalpina</i>		S2?	G2G3	NLT0030160
<i>Chaenotheca chrysocephala</i>		S2	G?	NLCAL33020
<i>Chaenotheca stemonea</i>		S1	G?	NLT0007880
<i>Chaenotheca trichialis</i>		S2	G?	NLT0007900
<i>Chaenotheca xyloxena</i>		S1	G?	NLT0007910
<i>Chrysothrix chlorina</i>		S1	G?	NLT0008090
<i>Cladina portentosa</i>		S1	G?	NLLEC35010
<i>Cladina stygia</i>		S1?	G5	NLTEST7190
<i>Cladonia acuminata</i>		S1?	G?	NLT0008170
<i>Cladonia bacilliformis</i>		S2S3	G3G4	NLTEST5970
<i>Cladonia bellidiflora</i>		S2S3	G5	NLTEST5990
<i>Cladonia cryptochlorophaea</i>		SH	G4G5	NLTEST6170
<i>Cladonia cyanipes</i>		S2	G?	NLT0008330
<i>Cladonia digitata</i>		S2	G?	NLT0008390

<i>Cladonia macrophylla</i>		S2	G?	NLT0008590
<i>Cladonia merochlorophaea</i>		S2	G2G3	NLTEST6550
<i>Cladonia metacorallifera</i>		S2	G?	NLT0008640
<i>Cladonia norvegica</i>		S1	G3	NLLEC363G0
<i>Cladonia polycarpoides</i>		S1?	G?	NLT0008750
<i>Cladonia ramulosa</i>		S1	G?	NLT0008800
<i>Cladonia rei</i>		S2	G?	NLT0008830
<i>Cladonia robbinsii</i>		S2S3	G?	NLT0008840
<i>Cladonia squamosa</i>		S2	G5	NLTEST6880
<i>Cladonia stricta</i>		SU	G?	NLT0008910
<i>Cladonia symphylicarpa</i>		S2	G?	NLT0008980
<i>Cladonia transcendens</i>		S1	G5	NLTEST7020
<i>Cladonia turgida</i>		S1	G?	NLT0009010
<i>Cladonia umbricola</i>		S1		NLCLACLPO2
<i>Cliostomum griffithii</i>		S1S2	G?	NLT0009080
<i>Collema ceraniscum</i>		S1	G?	NLT0009240
<i>Collema coccophorum</i>		S1	G?	NLLEC40050
<i>Collema crispum</i>		S2	G?	NLLEC40070
<i>Collema cristatum</i>		S1	G?	NLT0009250
<i>Collema flaccidum</i>		S1	G?	NLT0009290
<i>Collema multipartitum</i>		S1	G?	NLT0009340
<i>Collema nigrescens</i>		S1	G?	NLLEC40360
<i>Collema subflaccidum</i>		S2	G?	NLT0009390
<i>Collema subparvum</i>		S1		NLTEMP0026
<i>Collema undulatum</i> var. <i>granulosum</i>		S2		NLTEMP0027
<i>Cyphelium inquinans</i>		S2	G?	NLT0009630
<i>Cyphelium notarisii</i>		S2	G?	NLT0009660
<i>Cyphelium tigillare</i>		S2	G?	NLCAL46120
<i>Dactylina beringica</i>		S2S3	G?	NLT0009710
<i>Dactylina madreporiformis</i>		S2	G?	NLT0009720
<i>Dermatocarpon intestiniforme</i>		S2	G?	NLT0009920
<i>Dermatocarpon luridum</i>		S2	G5	NLTEST8480
<i>Dermatocarpon moulinsii</i>		S2	G?	NLSPH52170
<i>Dermatocarpon rivulorum</i>		S1		NLTEMP0029

<i>Endocarpon pusillum</i>		S2	G?	NLT0010460
<i>Endocarpon tortuosum</i>		S2	G?	NLT0010480
<i>Eopyrenula intermedia</i>		S1		NLPYRPYLE1
<i>Ephebe lanata</i>		S1	G5	NLTES10910
<i>Evernia perfragilis</i>		SU		NLTEMP0031
<i>Farnoldia hypocrita</i>		S1		NLLECLEHY4
<i>Farnoldia jurana</i>		S1	G?	NLT0010730
<i>Flavopunctelia soledica</i>		S2	G?	NLT0010860
<i>Fulgensia fulgens</i>		S2	G?	NLT0010880
<i>Fuscopannaria leucophaea</i>		S1?		NLPANPALE1
<i>Glypholecia scabra</i>		S1	G?	NLT0000220
<i>Heterodermia speciosa</i>		S2	G?	NLT0012210
<i>Hymenelia heteromorpha</i>		S1		NLLECIOOC1
<i>Hypocenomyce friesii</i>		S2	G?	NLT0012340
<i>Hypogymnia duplicata</i>		S1S2	G3	NLTEST7570
<i>Hypogymnia enteromorpha</i>		S2	G4	NLTEST7580
<i>Hypogymnia metaphysodes</i>		S2		NLTEMP0034
<i>Hypogymnia rugosa</i>		S1S2		NLTEMP0036
<i>Hypogymnia subobscura</i>		S2	G?	NLT0012470
<i>Hypogymnia vittata</i>		S1S2	G?	NLLEC84160
<i>Imshaugia placorodia</i>		S2	G?	NLT0012560
<i>Japewia tornoensis</i>		S1	G?	NLT0012630
<i>Lasallia pensylvanica</i>		S1	G?	NLT0012730
<i>Lecania cyrtella</i>		S1	G?	NLT0012870
<i>Lecania dubitans</i>		S2	G?	NLT0012890
<i>Lecania erysibe</i>		S1	G?	NLT0012910
<i>Lecania fuscella</i>		S1	G?	NLT0012940
<i>Lecanora beringii</i>	Sunken-stud lichen	S2	G?	NLT0013250
<i>Lecanora caesiorubella ssp saximontana</i>		S1	G?	NLT0013300
<i>Lecanora cateilea</i>		S2	G?	NLT0013350
<i>Lecanora chlarotera</i>		S2	G?	NLT0013370
<i>Lecanora crenulata</i>		S1	G?	NLT0013460
<i>Lecanora dispersa</i>		S2	G?	NLT0013510
<i>Lecanora hybocarna</i>		S1	G?	NLT0013720

<i>Lecanora meridionalis</i>		S1	G?	NLT0013940
<i>Lecanora pringlei</i>		S1S2	G?	NLLEC923A0
<i>Lecanora scotopholis</i>		S1	G?	NLT0014340
<i>Lecanora valesiaca</i>		S1	G?	NLT0014570
<i>Lecanora wisconsinensis</i>		S1	G?	NLT0014630
<i>Lecidea atromarginata</i>		S1	G?	NLT0014750
<i>Lecidea confluens</i>		S2	G?	NLT0014900
<i>Lecidea intrudens</i>		S1	G?	NLT0015250
<i>Lecidea leucothallina</i>		S2	G?	NLT0015320
<i>Lecidea lithophila</i>		S2	G?	NLT0015340
<i>Lecidea melaphanoides</i>		S1	G?	NLT0015410
<i>Lecidea plana</i>		S2	G?	NLT0015570
<i>Lecidea plebeja</i>		S1	G?	NLT0015590
<i>Lecidea praenubila</i>		S2		NLLECLEPA2
<i>Lecidea saxosa</i>		S1		NLLECLESA1
<i>Lecidea umbonata</i>		S2	G?	NLT0015990
<i>Lecidella anomaloides</i>		S1	G?	NLT0016040
<i>Lecidella carpathica</i>		S1S2	G?	NLT0016070
<i>Lecidella elaeochroma</i>		S1	G?	NLT0016110
<i>Lecidella patavina</i>		S1	G?	NLT0016180
<i>Lecidella wulfenii</i>		S2	G?	NLT0016240
<i>Lecidoma demissum</i>		S1	G?	NLT0016250
<i>Lempholemma radiatum</i>		SH	G?	NLT0016330
<i>Lepraria incana</i>		S2	G?	NLT0016420
<i>Leprocaulon subalbicans</i>		S2	G?	NLT0016520
<i>Leptogium furfuraceum</i>		S2	G?	NLT0016740
<i>Leptogium gelatinosum</i>		S2	G?	NLT0016760
<i>Leptogium hirsutum</i>		S1?	G?	NLLEC98210
<i>Leptogium lichenoides</i>		S2S3	G?	NLT0016810
<i>Leptogium subtile</i>		S1?		NLTEMP0039
<i>Leptogium tenuissimum</i>		S2	G?	NLT0016940
<i>Leptogium teretiusculum</i>		SH	G?	NLLEC98430
<i>Lobaria hallii</i>		S1	G4	NLTEST7920
<i>Lopadium pezizoideum</i>		S1	G?	NLT0017580
<i>Melanelia disjuncta</i>		S2	G?	NLT0017800

<i>Melanelia olivacea</i>		S1	G?	NLT0017910
<i>Melanelia panniformis</i>		S1	G?	NLT0017930
<i>Melanelia sorediata</i>		S1S2	G?	NLT0017950
<i>Melanelia stygia</i>		S2	G4G5	NLTES10960
<i>Melanelia subelegantula</i>		S2	G?	NLT0017980
<i>Melanelia substygia</i>		S2S3	G?	NLLEC9H010
<i>Melanelia trabeculata</i>		S2?	G?	NLT0018010
<i>Micarea assimilata</i>		S2	G?	NLT0018220
<i>Micarea melaena</i>		S1	G?	NLT0018380
<i>Mycobilimbia hypnorum</i>		S1		NLLECLEHY3
<i>Mycobilimbia lobulata</i>		S1	G?	NLT0018790
<i>Mycobilimbia sabuletorum</i>		S2	G?	NLT0018810
<i>Mycoblastus affinis</i>		S2	G?	NLT0018830
<i>Mycoblastus sanguinarius</i>		S2	G?	NLT0018880
<i>Mycocalicium subtile</i>		S2	G?	NLT0018970
<i>Nephroma bellum</i>		S2	G?	NLT0019520
<i>Nephroma helveticum</i>		S1S2	G?	NLLEC1C040
<i>Nephroma isidiosum</i>		S1		NLTEMP0052
<i>Nodobryoria subdivergens</i>	old man's beard	S1	G2	NLT0019700
<i>Ochrolechia frigida</i>		S1	G?	NLT0019870
<i>Ochrolechia inaequatula</i>		S1S2	G?	NLT0019920
<i>Ochrolechia szatalaensis</i>		S1		NLLECOCSO1
<i>Orphniospora moriopsis</i>		S1	G?	NLT0020450
<i>Pannaria conoplea</i>		S1	G3G4	NLTES10950
<i>Parmelia omphalodes</i>		S2	G?	NLT0020580
<i>Peltigera collina</i>		S1	G3G4	NLTEST5030
<i>Peltigera horizontalis</i>		S1S2	G5	NLTEST5080
<i>Peltigera polydactyla</i>		S1S2	G5	NLTEST5180
<i>Pertusaria borealis</i>		S1	G?	NLT0021390
<i>Pertusaria dactylina</i>		S2	G?	NLT0021470
<i>Pertusaria panyrga</i>		S1	G?	NLT0021710
<i>Pertusaria sommerfeltii</i>		S1?	G?	NLT0021870
<i>Phaeophyscia adiastrata</i>		S1	G4	NLTES11290
<i>Phaeophyscia decolor</i>		S1		NLTEMP0056
<i>Phaeophyscia endococcinea</i>		S2?		NLPHYPHEN1

<i>Phylliscum demangeonii</i>		S1	G?	NLLEC2E010
<i>Physcia biziana</i>		S1S2	G5	NLTES11520
<i>Physcia dimidiata</i>		S1	G3	NLTES11590
<i>Physcia phaea</i>		S2S3	G4G5	NLLEC2G250
<i>Physcia tenella</i>		S2	G4	NLTES11740
<i>Physconia enteroxantha</i>		S1?		NLTEMP0060
<i>Physconia isidiigera</i>		S2		NLTEMP0061
<i>Physconia perisidiosa</i>		S1	G?	NLT0022730
<i>Placynthiella uliginosa</i>		S2	G?	NLT0022930
<i>Placynthium asperellum</i>		S1	G?	NLLEC2P020
<i>Placynthium stenophyllum</i>		SH	G?	NLT0022970
<i>Placynthium subradiatum</i>		SH	G?	NLT0022980
<i>Polyblastia cupularis</i>		S1	G?	NLT0023120
<i>Polyblastia hyperborea</i>		S1	G?	NLT0023160
<i>Polyblastia obsoleta</i>		S2	G?	NLT0023180
<i>Polyblastia sendtneri</i>		S1	G?	NLT0023190
<i>Polyblastia theleodes</i>		S2	G?	NLT0023220
<i>Polysporina simplex</i>		S1	G?	NLT0023380
<i>Porpidia cinereoatra</i>		S2	G5?	NLLEC9A020
<i>Porpidia flavocaerulescens</i>		SU	G?	NLT0023560
<i>Porpidia glaucophaea</i>		S1	G?	NLT0023570
<i>Porpidia thomsonii</i>		S1	G?	NLT0023660
<i>Protoblastenia rupestris</i>		S2	G?	NLLEC2Z030
<i>Psora cerebriiformis</i>		S1		NLTEMP0063
<i>Psora globifera</i>		S1S2	G?	NLT0023990
<i>Psora tuckermanii</i>		S2		NLTEMP0064
<i>Psorula rufonigra</i>		SH	G?	NLT0024200
<i>Pyrrhospora elabens</i>		S1		NLLECLEEL1
<i>Ramalina calicaris</i>		S1?	G?	NLT0025200
<i>Ramalina dilacerata</i>		S2	G?	NLT0025270
<i>Ramalina farinacea</i>		S2S3	G?	NLLEC3S100
<i>Ramalina intermedia</i>		S1	G?	NLLEC3S150
<i>Ramalina obtusata</i>		S2	G?	NLLEC3S210
<i>Ramalina roesleri</i>		S2S3	G?	NLT0025410
<i>Ramalina sinensis</i>		SU	G?	NLLEC3S290

<i>Rhizocarpon chioneum</i>		S2S3	G?	NLT0025690
<i>Rhizocarpon concentricum</i>		S1	G?	NLT0025720
<i>Rhizocarpon effiguratum</i>		S1	G?	NLT0025780
<i>Rhizocarpon eupetraeoides</i>		S1	G?	NLT0025790
<i>Rhizocarpon eupetraeum</i>		S1	G?	NLT0025800
<i>Rhizocarpon intermediellum</i>		S1	G?	NLT0025870
<i>Rhizocarpon obscuratum</i>		S1	G?	NLT0025960
<i>Rhizocarpon polycarpum</i>		S1	G?	NLT0026020
<i>Rhizocarpon riparium</i>		S2	G?	NLT0026070
<i>Rhizocarpon superficiale</i>		S2	G?	NLT0026140
<i>Rhizoplaca peltata</i>		S1	G?	NLT0026240
<i>Rinodina annulata</i>		S1	G?	NLT0026450
<i>Rinodina archaea</i>		S2	G?	NLT0026470
<i>Rinodina bischoffii</i>		S1	G?	NLT0026510
<i>Rinodina calcigena</i>		S2	G?	NLT0026550
<i>Rinodina dakotensis</i>		S1	G?	NLT0026670
<i>Rinodina exigua</i>		S1	G?	NLT0026750
<i>Rinodina mniaraea</i>		S2	G?	NLT0026990
<i>Rinodina polyspora</i>		S1	G?	NLT0027100
<i>Ropalospora chlorantha</i>	Comet-spored lichen	S2	G?	NLT0027390
<i>Sarcogyne novomexicana</i>		S1	G?	NLT0027600
<i>Sarcogyne privigna</i>		S1	G?	NLT0027620
<i>Sarcogyne regularis</i>		S1	G?	NLT0027630
<i>Schaereria cinereorufa</i>		S1	G?	NLT0027700
<i>Schaereria fuscocinerea</i>		S2		NLLECSCTE1
<i>Scoliciosporum chlorococcum</i>		S2	G?	NLT0027880
<i>Solorina octospora</i>		S2	G?	NLT0028020
<i>Solorina spongiosa</i>		S2	G?	NLT0028030
<i>Solorinella asteriscus</i>		S1	G?	NLT0028040
<i>Sphinctrina turbinata</i>		S1	G?	NLT0028160
<i>Spilonema revertens</i>		S2	G?	NLT0028190
<i>Sporastatia polyspora</i>		S1	G?	NLT0028200
<i>Staurothele fissa</i>		S2	G?	NLT0028340
<i>Stereocaulon botryosum</i>		S1	G4	NLTES10610
<i>Stereocaulon condensatum</i>		S1	G4	NLTES10620

<i>Stereocaulon r vulorum</i>		S2	G5	NLTES10790
<i>Tephromela atra</i>		S2	G?	NLT0028870
<i>Thamnolia vermicularis</i>		S2	G?	NLTES43860
<i>Thelidium decipiens</i>		S2	G?	NLT0029010
<i>Thelidium pyrenophorum</i>		S1	G?	NLT0029100
<i>Thrombium epigaeum</i>		S2	G?	NLT0029480
<i>Toninia candida</i>		S1	G?	NLT0029620
<i>Toninia tristis ssp tristis</i>		S2	G?	NLT0029780
<i>Trapeliopsis flexuosa</i>		S1	G?	NLT0029890
<i>Tremolecia atrata</i>		S2	G?	NLT0029940
<i>Umbilicaria americana</i>		S2		NLTEMP0075
<i>Umbilicaria angulata</i>		S1S2	G2	NLLEC5N010
<i>Umbilicaria arctica</i>		S1?	G3	NLLEC5N030
<i>Umbilicaria cinereorufescens</i>		S1		NLTEMP0076
<i>Umbilicaria cylindrica</i>		S2	G3	NLLEC5N060
<i>Umbilicaria lambii</i>		S2	G?	NLLEC5N110
<i>Umbilicaria mammulata</i>		S1	G?	NLLEC5N180
<i>Umbilicaria muehlenbergii</i>		S2	G?	NLT0030290
<i>Umbilicaria phaea</i>		S2	G?	NLLEC5N130
<i>Umbilicaria polyphylla</i>		S2	G?	NLT0030310
<i>Umbilicaria rigida</i>		S1	G2	NLLEC5N220
<i>Usnea ceratina</i>	old man's beard	S1	G?	NLT0030440
<i>Usnea scabiosa</i>		SU		NLTEMP0077
<i>Usnea stuppea</i>		SU		NLTEMP0078
<i>Varicellaria rhodocarpa</i>		S2	G?	NLT0031030
<i>Verrucaria aethiobola</i>		S1	G?	NLT0031050
<i>Verrucaria calkinsiana</i>		S2	G?	NLT0031130
<i>Verrucaria fuscella</i>		S1	G?	NLT0031280
<i>Verrucaria glaucovirens</i>		S2		NLVERVEVI2
<i>Verrucaria hydrela</i>		S1	G?	NLT0031320
<i>Verrucaria muralis</i>		S2	G?	NLT0031450
<i>Verrucaria nigrescens</i>		S2	G?	NLT0031460
<i>Verrucaria viridula</i>		S1	G?	NLT0031730
<i>Xanthoparmelia conspersa</i>		S1	G5	NLTES10170
<i>Xanthoparmelia lineola</i>		S1	G5	NLTES10260
<i>Xanthoparmelia subdecipiens</i>		S2	G5	NLTES10170

<i>Xylographa vitiligo</i>	S2	G?	NLT0032080
<i>Zahlbrucknerella calcarea</i>	S1	G?	NLT0032090

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