LICHEN FLORA OF NORTHWEST ILLINOIS

By Michael D. Jones

LICHEN SPECIES

	SPECIES	AUTHOR
1	Acarospora americana	Magn.
2	Acarospora badiofusca	(Nyl.)Th.Fr.
3	Acarospora cinereoalba	(Fink)Magn.
4	Acarospora fuscata	(Nyl.)Arn.
5	Acarospora schleicheri	(Ach.)Massal.
6	Acarospora veronensis	Massal.
7	Acrocordia conoidea	(Fr.)Korber.
8	Acrocordia megalospora	(Fink)R.C.Harris
9	Anisomeridium biforme	(Borr.)R.C.Harris
10	Anisomeridium nyssaegenum	(Ell.&Ev.)R.C.Harris
11	Anisomeridium subprostans	(Nyl.)R.C.Harris
12	Arthonia caesia	(Flot.)Korb.
13	Arthonia diffusa	Nyl.
14	Arthonia dispersa	(Schrad.)Nyl.
15	Arthonia pyrrhuliza	Nyl.
16	Arthonia rupicola	Fink
17	Arthonia tumidula	(Ach.)Ach.
18	Arthopyenia #1	Harris 1973
19	Arthopyenia Cerasi	(Schrad.)Mass.
20	Arthopyenia epidermidis	(DC.)Mass.
21	Arthopyenia lapponina	Anzi
22	Arthoria caesia	(Flot.)Korb.
23	Arthothelium spectabile	Flot.
24	Aspicilia caesiocinerea	(Nyl.)Arn.
25	Aspicilia calcarea	(L.)Mudd.
26	Aspicilia cinerea	(L.)Koerber
27	Aspicilia contorta	(Hoffm.)Kremp.
28	Bacidia Frachona	(Ach.)Lett.
29	Bacidia cupreorosella	(Anzi)Coppins&R.Sant.
30	Bacidia declinis	(Tuck.)Zahlbr.
31	Bacidia herbarum	(Hepp.)Arn.
32	Bacidia inundata	(E.Fries)Koerb.
33	Bacidia polychroa	(Th.Fr.)Koerb.
34	Bacidia rubella	(Hoffm.)Mass.
35	Bacidia trachona	(Ach.)Lett.
36	Buellia polyspora	(Willey)Vainio
37	Buellia punctata	(Hoffm.)Mass.
38	Buellia stigmaea	Tuck.
39	Buellia stillingiana	Stein.
40	Buellia vernicoma	(Tuck.)Tuck.
41	Caloplaca Schaereri	(Florke)Zahlbr.
42	Caloplaca arenaria	(Pers.)Muell.
43	Caloplaca cerina	(Ehrh.)Th.Fr.
44	Caloplaca cinnabarina	(Ach.)Zahlbr.
45	Caloplaca cirrochroa	(Ach.)Th.Fr.
46	Caloplaca citrina	(Hoffm.)Th.Fr.
47	Caloplaca feracissima	Magn.
48	Caloplaca ferruginea	(Huds.)Th.Fr.
49	Caloplaca flavorubescens	(Huds.)Launds.

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	SPECIES	AUTHOR
50	Caloplaca flavovirescens	(Wulf.)Torr.&Sarn.
51	Caloplaca holocarpa	(Hoffm.)Wade
52	Caloplaca microphyllina	(Tuck.)Hass.
53	Caloplaca sideritis	(Tuck.)Zahlbr.
54	Caloplaca trachyphylla	(Tuck.)Zahlbr.
55	Caloplaca ulmorum	(Fink)Fink
56	Caloplaca variabilis	(Pers.)Muell.Arg.
57	Caloplace microphyllina	(Tuck.)Hasse
58	Candelaria concolor	(Dicks.)B.Stein
59	Candelariella aurella	(Hoffm.)Zahlbr.
60	Candelariella efflorescenes	R.C.Harris
61	Candelariella efflorescens	R.C.Harris
62	Candelariella vitellina	(Hoffm.)Mull.Arg.
63	Candelariella xanthostigma	(Ach.)Lett.
64	Catapyrenium lacheum	(Ach.)R.Sant.
65	Catillaria glauconigrans	(Tuck.)Hasse.
66	Chrysothrix candelaris	(L.)Lawdon
67	Cladina rangiferina	(L.)Harm.
68	Cladina subtenuis	(Des.Abb.)Hale&Culb.
69	Cladonia atlantica	A.Evans
70	Cladonia bacillaris	Nyl.
71	Cladonia caespiticia	(Pers.)Floerke
72	Cladonia cariosa	(Ach.)Spreng.
73	Cladonia caroliniana	Schwein
74	Cladonia chlorophaea	(Flk.)Spreng.
75	Cladonia coniocraea	(Flk.)Spreng.
76	Cladonia cristatella	Tuck.
77	Cladonia cryptochlorophaea	Asah.
78	Cladonia cylindrica	(A.Evans.)A.Evans.
79	Cladonia furcata	(Huds.)Schrad.
80	Cladonia gracilis	(L.)Willd.
81	Cladonia grayi	G.K.Merr.
82	Cladonia humilis	(With.)Laund.
83	Cladonia peziziformis	(With.)Laund.
84	Cladonia piedmontensis	G.K.Merr.
85	Cladonia pleurota	(Flork.)Schaer.
86	Cladonia polycarpoides	Nyl.
87	Cladonia ramolosa	(With.)Laund.
88	Cladonia rei	Schaerer
89	Cladonia robbinsii	Evans
90	Cladonia spp.	
91	Cladonia squamosa	(Scop.)Hoffm.
92	Cladonia strepsilis	(Ach.)Vain.
93	Cladonia uncialis	(L.)Weber
94	Cladonia verticillata	(Hoffm.)Schaerer
95	Collema furfuraceum	(Arn.)Dr.
96	Collema tenax	(Sw.)Ach.
97	Cyphelium tigillare	(Ach.)Ach.
98	Dermatocarpon miniatum	(L.)Mann.

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	SPECIES	AUTHOR
99	Dimelaena oreina	(Ach.)Norm.
100	Diploschistes scruposus	(Schreber)Norman
101	Endocarpon pusillum	Hedw.
102	Eopyrenula leucoplaca	(Wallr.)R.C.Harris
103	Evernia mesomorpha	Nyl.
104	Flavoparmelia baltimorensis	(Gyel.&Foriss)Hale
105	Flavoparmelia caperata	(L.)Hale
106	Flavopunctelia flaventior	(Stirt.)Hale
107	Flavopunctelia soredica	(Nyl.)Hale
108	Gra ;microconidia	
109	Graphis scripta	(L.)Ach.
110	Heppia lutosa	(Ach.)Nyl.
111	Heterodermia hypoleuca	(Ach.)Trev.
112	Heterodermia obscurata	(Nyl.)Trev.
113	Heterodermia speciosa	(Wulf.)Trev.
114	Hyperphyscia adglutinata	(Flk.)Mayrh.&Poelt.
115	Hyperphyscia syncolla	(Tuck.)Kalb.
116	Julella fallaciosa	(Stizenb.)R.C.Harris
117	Kirschteiniothelia aethiops	(Berk.&Curtis)D.Hawks
118	Lecania cyrtella	(Ach.)Th.Fr.
119	Lecania erysibe	(Ach.)Mudd.
120	Lecania syringea	(Ach.)T.Fries
121	Lecanora argentata	(Ach.)Malme.
122	Lecanora dispersa	(Pers.)Somm.
123	Lecanora hagenii	(Ach.)Ach.
124	Lecanora iowensis	Fink
125	Lecanora muralis	(Schreb.)Rabenh.
126	Lecanora piniperda	Koerb.
127	Lecanora polytropa	(Hoffm.)Rabenh.
128	Lecanora populicola	(DC.)Duby
129	Lecanora sambuci	(Pers.)Nyl.
130	Lecanora spp.	
131	Lecanora strobilina	(Spreng.)Kieffer
132	Lecanora symmicta	(Ach.)Ach.
133	Lecanora thysanophora	Harris
134	Lecanora umbrina	(Ach.)Massal.
135	Lecidea parasema	Ach.
136	Lecidea spp.#4	
137	Lepraria finkii	(B.deLesd.)R.C.Harris
138	Lepraria incana	(L.)Ach.
139	Lepraria lesdainii	(Hue)R.C.Harris
140	Lepraria neglecta	(Nyl.)Lett.
141	Lepraria spp.	
142	Lepraria spp.#1	
143	Lepraria zonata	Brodo
144	Leptogium corticola	(Tayl.)Tuck.
145	Leptogium cyanescans	(Rabenh.)Koerb.
146	Leptogium dactylinum	Tuck.
147	Leptogium juniperinum	Tuck.

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	SPECIES	AUTHOR
148	Leptogium lichenoides	(L.)Zahlbr.
149	Melanelia subaurifera	(Nyl.)Essl.
150	Micarea melaena	(Nyl.)Hedl.
151	Micarea prasina	Fr.
152	Microphiale lutea	(Dicks.)Zahlbr.
153	Mycobilimbia sabuletorm	(Schreb.)Hafelln.
154	Ochrolechia arborea	(Kreyer)Almb.
155	Opegrapha atra	Pers.
156	Opegrapha varia	Pers.
157	Parmelia sulcata	Tayl.
158	Parmelina aurulenta	(Tuck.)Hale
159	Parmotrema cetratum	(Ach.)Hale
160	Parmotrema hypotropum	(Nyl.)Hale
161	Parmotrema reticulatum	(Tayl.)Choisy
162	Peltigera canina	(L.)Willd.
163	Peltigera didactyla	(With.)Laund.
164	Peltigera elisabethae	Gyel.
165	Peltigera elisabrthae	(Huds.)Baumg.
166	Peltigera polydactyla	(Neck.)Hoffm.
167	Peltigera praetextata	(Somm.)Vain.
168	Pertusaria macounii	(Lamb.)Dibb.
169	Pertusaria multipunctoides	Dibb.
170	Pertusaria pustulata	(Ach.)Duby
171	Pertusaria velata	(Turn.)Nyl.
172	Phaeophyscia adiastola	(Essl.)Essl.
173	Phaeophyscia cernohorskyi	(Nadv.)Essl.
174	Phaeophyscia ciliata	(Hoffm.)Moberg.
175	Phaeophyscia hispidula	(Ach.)Moberg.
176	Phaeophyscia orbicularis	(Neck.)Moberg.
177	Phaeophyscia pusilloides	(Zahlbr.)Essl.
178	Phaeophyscia rubropulchra	(Degel)Moberg.
179	Phaeophysciae orbicularis	(Neck.)Moberg.
180	Physcia adscendens	(Fr.)H.Oliv.
181	Physcia aipolia	(Ehrh.)Furnr.
182	Physcia americana	G.K.Merr.
183	Physcia millegrana	Degel.
184	Physcia phaea	(Tuck.)Thomson
185	Physcia stellaris	(L.)Nyl.
186	Physcia subtilis	Degel.
187	Physciella chloantha	Ach.
188	Physciella melanchra	(Hue)Essl.
189	Physconia detersa	(Nyl.)Poelt.
190	Placynthiella oligotropha	(Laund.)Coppins&P.Jam
191	Placynthium nigrum	(Huds.)Gray
192	Plagiocarpa hyalospora	(Nyl.)R.C.Harris
193	Polysporina simplex	(Divies)Vezda
194	Porpidia macrocarpa	(DC)Hertel.&Schwein
195	Psora decipiens	(Ach.)Hoffm.
196	Psora pseudorussellii	Timdal.

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	SPECIES	AUTHOR
197	Psorotichia schaereri	(Mass.)Arn.
198	Punctelia bolliana	(Mull.Arg.)Krog.
199	Punctelia rudecta	(Nyl.)Krog.
200	Punctelia subrudecta	(Nyl.)Krog.
201	Pycnothelia papillaria	(Ehrh.)Duf.
202	Pyrenocollema prospersella	(Nyl.)R.C.Harris
203	Pyrenula farrea	(Fink)Zahlbr.
204	Pyxine caesiopruinosa	(Nyl.)Imsh.
205	Pyxine sorediata	(Ach.)Mont.
206	Ramalina americana	Hale
207	Ramalina intermedia	(Delise)Nyl.
208	Rhizoplaca subdiscrepans	(Sm.)Zopf.
209	Rinodina bischoffii	(Hépp.)Mass.
210	Rinodina dakotensis	Magn.
211	Rinodina exigua	(Ach.)Gray
212	Rinodina magnussonii	Sheard
213	Rinodina milliaria	Tuck.
214	Rinodina oxydata	(Massal.)Massal.
215	Rinodina pachysperma	Magn.
216	Rinodina papillata	Magn.
217	Rinodina pyrina	(Ach.)Arn.
218	Rinodina subminuta	Magn.
219	Rinodina tephraspis	(Tuck.)Herre.
220	Sarcogyne regularis	Koerb.
221	Sarcogyne simplex	(Dav.)Nyl.
222	Scoliciosporum umbrinum	(Ach.)Arn.
223	Staurthele diffractella	(Nyl.)Tuck.
224	Stereocaulon saxatile	Mag.
225	Thelidium pyrenophorum	(Ach.)Mudd.
226	Thyrea pulvinata	(Schaer.)Mass.
227	Trapeliopsis granulosa	(Hoffm.)Lumbsch.
228	Usnea strigosa	(Ach.)Eaton
229	Verrucaria calciseda	DC.
230	Verrucaria calkinsiana	Serv.
231	Verrucaria fuscella	(Turn.)Winch.
232	Verrucaria muralis	Ach.
233	Verrucaria nigrescens	Pers.
234	Verrucaria nigrescentoides	Fink
235	Verrucaria sordida	Fink
236	Verrucaria tectorum	(Mass.)Koerb.
237	Verrucaria virens	Nyl.
238	Verrucaria viridula	(Schrad.)Ach.
239	Xanthonia fallax	(Hepp.)Arn.
240	Xanthoparmelia cumberlandia	(Gyel.)Hale
241	Xanthoparmelia mexicana	(Gyel.)Hale
242	Xanthoparmelia plittii	(Gyel.)Hale
243	Xanthoparmelia somloensis	(Gyel.)Hale
244	Xanthoparmelia spp.	
245	Xanthoparmelia subramigera	(Gyel.)Hale

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	SPECIES	AUTHOR
246	Xanthoria candelaris	(L.)Th.Fr.
247	Xanthoria elegans	(Link)Th.Fr.
248	Xanthoria fallax	(Hepp.)Arn.
249	Xanthoria lobulata	Florke)B.deLesd.
250	Xanthoria polycarpa	(Ehrh.)Rieber
251	Xanthoria sorediata	(Vain.)Poelt.

Michael D. Jones

LICHEN FREQUENCY

In the seven counties of Carroll, JoDaviess, Lee, Ogle, Stephenson, Whiteside, and Winnebago innorthwest Illinois. A total of 3037 lichens have been collected and identified of which naerly two thirds came from the twenty-eight sites used inthe frequency section, these came from sixty-three sites visited in this region. A total of 240 species have been identified for northwest Illinois of which only 18 were not found in the sites used in the frequency section.
List of the twenty-eight site:

CARROLL COUNTY
Camp Benson
Mississippi Palisades State Park
Thomson National Wildlife Refuge

JODAVIESS COUNTY
Apple River Canyon
Hanover Bluff
Savanna Army Depot

LEE COUNTY
Franklin Creek Natural Area
Lowell Park
Nachusa Grassland

OGLE COUNTY
Castle Rock State Park
Lowden Memorial State Park
Pine Rock Nature Preserve
White Pines State Park

STEPHENSON COUNTY

Cedarville Bluff
Krape Park
Lake Le-Aqua-Na State Park
Wirth Prairie

WHITESIDE COUNTY
Fulton Bluff
Morrison Rockwood State Park
Thomson-Fulton Nature Preserve

WINNEBAGO COUNTY
Bur Oak Valley
Harlem Hills Nature Preserve
Kishwaukee Gorge Forest Preserve
Rock Cut State Park
Rockton Nature Preserve
Severson Dells Forest Preserve
Seward Bluff Forest Preserve
Sugar River Forest Preserve

Freqency numbers are shown as follows:

SPECIES NAME 28/4

The first numberindicates the number of sites visited, the secound number represents the of sites it was found at. If the lichen has specific substrata or habitat requirement, such as prairie, Sand Prairie,limestone,sandstone,or sandy soil, it shell be shown like this:

SPECIES NAME 28/4/4 SS

The third number "25" showingthe number of sites the substrata or habitat are found in. The letters showing the substrata type as follows:

L = limestone
P = prairie
S = sandy soil
SP = sand prairie
SS = sandstone

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	SPECIES	
1	Acarospora americana	
2	Acarospora badiofusca	28/2/21 L
3	Acarospora cinereoalba	28/2/21 L
4	Acarospora fuscata	28/1/4 §S
5	Acarospora schleicheri	28/1/21 L
6	Acarospora veronensis	28/1/21 L
7	Acrocordia conoidea	28/1/21 L
8	Acrocordia megalospora	28/3
9	Anisomeridium biforme	28/5
10	Anisomeridium nyssaegenum	28/3
11	Anisomeridium subprostans	
12	Arthonia caesia	28/20
13	Arthonia diffusa	28/4
14	Arthonia dispersa	28/3
15	Arthonia pyrrhuliza	28/1
16	Arthonia rupicola	28/1/21 L
17	Arthonia tumidula	28/3
18	Arthopyenia #1	28/1
19	Arthopyenia Cerasi	28/1
20	Arthopyenia epidermidis	28/1
21	Arthopyenia lapponina	28/2
22		
23	Arthothelium spectabile	28/1
24	Aspicilia caesiocinerea	28/1/4
25	Aspicilia calcarea	
26	Aspicilia cinerea	28/2
27	Aspicilia contorta	28/1
28	Bacidia Frachona	
29	Bacidia cupreorosella	28/1/21 L
30	Bacidia declinis	28/1/
31	Bacidia herbarum	
32	Bacidia inundata	28/3/21 L
33	Bacidia polychroa	28/3
34	Bacidia rubella	28/2
35	Bacidia trachona	28/11/21 L
36	Buellia polyspora	28/6
37	Buellia punctata	28/5
38	Buellia stigmaea	28/1
39	Buellia stillingiana	28/2
40	Buellia vernicoma	28/2/21 L
41	Caloplaca Schaereri	28/11/21 L
42	Caloplaca arenaria	
43	Caloplaca cerina	28/5
44	Caloplaca cinnabarina	28/11/21 L
45	Caloplaca cirrochroa	28/5/21 L
46	Caloplaca citrina	28/10/21 L
47	Caloplaca feracissima	28/8/21 L
48	Caloplaca ferruginea	28/1/21 L
49	Caloplaca flavorubescens	28/1

LICHEN FREQUENCY

	SPECIES	
50	Caloplaca flavovirescens	28/12/21 L
51	Caloplaca holocarpa	28/10
52	Caloplaca microphyllina	28/10
53	Caloplaca sideritis	28/6
54	Caloplaca trachyphylla	28/3/21 L
55	Caloplaca ulmorum	28/2
56	Caloplaca variabilis	28/1/21 L
57		
58	Candelaria concolor	28/20
59	Candelariella aurella	
60		
61	Candelariella efflorescens	28/17
62	Candelariella vitellina	28/4
63	Candelariella xanthostigma	28/13
64	Catapyrenium lacheum	28/3/4 P
65	Catillaria glauconigrans	28/2/
66	Chrysothrix candelaris	28/2
67	Cladina rangiferina	28/2/8 S
68	Cladina subtenuis	28/5/8 S
69	Cladonia atlantica	28/1/4 SS
70	Cladonia bacillaris	28/6
71	Cladonia caespiticia	
72	Cladonia cariosa	28/1/8 S
73	Cladonia caroliniana	28/2/4 SS
74	Cladonia chlorophaea	28/6
75	Cladonia coniocraea	28/4
76	Cladonia cristatella	28/7
77	Cladonia cryptochlorophaea	28/3
78	Cladonia cylindrica	
79	Cladonia furcata	28/4
80	Cladonia gracilis	28/1
81	Cladonia grayi	28/4
82	Cladonia humilis	28/1
83	Cladonia peziziformis	28/2
84	Cladonia piedmontensis	28/1
85	Cladonia pleurota	28/4
86	Cladonia polycarpoides	28/6
87	Cladonia ramolosa	28/3
88	Cladonia rei	28/10
89	Cladonia robbinsii	28/2
90	Cladonia spp.	
91	Cladonia squamosa	28/1
92	Cladonia strepsilis	28/1
93	Cladonia uncialis	28/1/4SS
94	Cladonia verticillata	28/1/8 S
95	Collema furfuraceum	28/1
96	Collema tenax	28/1
97	Cyphelium tigillare	28/2
98	Dermatocarpon miniatum	28/15/21 L

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	SPECIES	
99	Dimelaena oreina	28/1
100	Diploschistes scruposus	28/5/8 S
101	Endocarpon pusillum	28/18/21 L
102	Eopyrenula leucoplaca	28/1
103	Evernia mesomorpha	28/2
104	Flavoparmelia baltimorensis	28/1/4 SS
105	Flavoparmelia caperata	28/18
106	Flavopunctelia flaventior	28/2
107	Flavopunctelia soredica	28/5
108		
109	Graphis scripta	28/15
110	Heppia lutosa	28/1/4 P
111	Heterodermia hypoleuca	28/1
112	Heterodermia obscurata	28/1
113	Heterodermia speciosa	28/1
114	Hyperphyscia adglutinata	28/10
115	Hyperphyscia syncolla	28/6
116	Julella fallaciosa	28/3
117	Kirschteiniothelia aethiops	28/6
118	Lecania cyrtella	28/1
119	Lecania erysibe	28/9/21 L
120	Lecania syringea	28/1
121	Lecanora argentata	28/3
122	Lecanora dispersa	28/12
123	Lecanora hagenii	
124	Lecanora iowensis	28/1/21 L
125	Lecanora muralis	28/6/21 L
126	Lecanora piniperda	28/2
127	Lecanora polytropa	28/1
128	Lecanora populicola	28/6
129	Lecanora sambuci	28/1
130	Lecanora spp.	
131	Lecanora strobilina	28/5
132	Lecanora symmicta	28/7
133	Lecanora thysanophora	28/3
134	Lecanora umbrina	28/1
135	Lecidea parasema	28/1
136	Lecidea spp.#4	28/4
137	Lepraria finkii	28/13
138	Lepraria incana	28/3
139	Lepraria lesdainii	28/13
140	Lepraria neglecta	28/3
141	Lepraria spp.	
142	Lepraria spp.#1	28/1
143	Lepraria zonata	28/2/4 SS
144	Leptogium corticola	28/1/21 L
145	Leptogium cyanescans	28/5/21 L
146	Leptogium dactylinum	28/9/21 L
147	Leptogium juniperinum	28/2

LICHEN FREQUENCY

	SPECIES	
148	Leptogium lichenoides	28/3/21 L
149	Melanelia subaurifera	28/3
150	Micarea melaena	28/1
151	Micarea prasina	28/1
152	Microphiale lutea	28/1
153	Mycobilimbia sabuletorm	28/4/21 L
154	Ochrolechia arborea	28/2
155	Opegrapha atra	28/3
156	Opegrapha varia	28/9
157	Parmelia sulcata	28/13
158	Parmelina aurulenta	28/14
159	Parmotrema cetratum	28/1
160	Parmotrema hypotropum	28/1
161	Parmotrema reticulatum	28/ 4
162	Peltigera canina	28/6
163	Peltigera didactyla	28/2/8 S
164	Peltigera elisabethae	28/ 3
165		
166	Peltigera polydactyla	28/2
167	Peltigera praetextata	28/2
168	Pertusaria macounii	28/10
169	Pertusaria multipunctoides	28/1
170	Pertusaria pustulata	28/3
171	Pertusaria velata	28/2
172	Phaeophyscia adiastola	28/13
173	Phaeophyscia cernohorskyi	28/12
174	Phaeophyscia ciliata	28/13
175	Phaeophyscia hispidula	
176	Phaeophyscia orbicularis	28/6
177	Phaeophyscia pusilloides	28/13
178	Phaeophyscia rubropulchra	28/18
179	Phaeophysciae orbicularis	
180	Physcia adscendens	28/3
181	Physcia aipolia	28/18
182	Physcia americana	28/10
183	Physcia millegrana	28/22
184	Physcia phaea	28/1/21 L
185	Physcia stellaris	28/24
186	Physcia subtilis	28/6
187	Physciella chloantha	28/16
188	Physciella melanchra	28/2
189	Physconia detersa	28/16
190	Placynthiella oligotropha	
191	Placynthium nigrum	28/6/21 L
192	Plagiocarpa hyalospora	28/1
193	Polysporina simplex	28/1/4 SS
194	Porpidia macrocarpa	28/1/4 SS
195	Psora decipiens	28/3/4 P
196	Psora pseudorussellii	28/2/21 L

LICHEN FREQUENCY

	SPECIES	
197	Psorotichia schaereri	
198	Punctelia bolliana	28/ 13
199	Punctelia rudecta	28/18
200	Punctelia subrudecta	28/6
201	Pycnothelia papillaria	28/1/8 S
202	Pyrenocollema prospersella	
203	Pyrenula farrea	
204	Pyxine caesiopruinosa	28/1
205	Pyxine sorediata	28/1
206	Ramalina americana	28/2
207	Ramalina intermedia	28/1/21 L
208	Rhizoplaca subdiscrepans	28/4/4 SS
209	Rinodina bischoffii	
210	Rinodina dakotensis	28/3
211	Rinodina exigua	28/1
212	Rinodina magnussonii	28/2
213	Rinodina milliaria	28/8
214	Rinodina oxydata	28/1
215	Rinodina pachysperma	28/6
216	Rinodina papillata	28/2
217	Rinodina pyrina	28/1
218	Rinodina subminuta	28/2
219	Rinodina tephraspis	
220	Sarcogyne regularis	28/3/21 L
221	Sarcogyne simplex	
222	Scoliciosporum umbrinum	28/1
223	Staurthele diffractella	28/6
224	Stereocaulon saxatile	
225	Thelidium pyrenophorum	28/1/21 L
226	Thyrea pulvinata	28/1/21 L
227	Trapeliopsis granulosa	28/2
228	Usnea strigosa	28/2
229	Verrucaria calciseda	28/4/21 L
230	Verrucaria calkinsiana	28/5/21 L
231	Verrucaria fuscella	28/10/21 L
232	Verrucaria muralis	28/5/21 L
233	Verrucaria nigrescens	28/11/21 L
234	Verrucaria nigrescentoides	28/4/21 L
235	Verrucaria sordida	28/1/21 L
236	Verrucaria tectorum	
237	Verrucaria virens	28/2/21 L
238	Verrucaria viridula	28/1/21 L
239		
240	Xanthoparmelia cumberlandia	28/2
241	Xanthoparmelia mexicana	28/2/4 SS
242	Xanthoparmelia plittii	28/2/4 SS
243	Xanthoparmelia somloensis	28/1/4 SS
244	Xanthoparmelia spp.	
245	Xanthoparmelia subramigera	

LICHEN FREQUENCY

	SPECIES	
246	Xanthoria candelaris	28/9
247	Xanthoria elegans	28/3/21 L
248	Xanthoria fallax	28/17
249	Xanthoria lobulata	28/2/21 L
250	Xanthoria polycarpa	28/1
251	Xanthoria sorediata	28/2/21 L

SPECIES BY COUNTY

Carroll

	SPECIES	AUTHOR
1	Arthonia caesia	(Flot.)Korb.
2	Aspicilia contorta	(Hoffm.)Kremp.
3	Bacidia inundata	(E.Fries)Koerb.
4	Bacidia trachona	(Ach.)Lett.
5	Buellia polyspora	(Will.)Vain.
6	Caloplaca Schaereri	(Flk.)Zahlbr.
7	Caloplaca arenaria	(Pers.)Muell.Arg.
8	Caloplaca cerina	(Ehrh.)Th.Fr.
9	Caloplaca cinnabarina	(Ach.)Zahlbr.
10	Caloplaca feracissima	Magn.
11	Caloplaca flavovirescens	(Wulf.)Torr.&Sarnth.
12	Caloplaca holocarpa	(Hoffm.)Wade
13	Caloplaca trachyphylla	(Tuck.)Zahlbr.
14	Candelaria concolor	(Dicks.)B.Stein
15	Candelariella efflorescens	R.C.Harris
16	Candelariella xanthostigma	(Ach.)Lett.
17	Catillaria glauconigrans	(Tuck.)Hasse.
18	Cladonia bacillaris	Nyl.
19	Cladonia chlorophaea	(Flk.)Spreng.
20	Cladonia coniocraea	(Flk.)Spreng.
21	Cladonia cristatella	Tuck.
22	Cladonia cryptochlorophaea	Asah.
23	Cladonia furcata	(Huds.)Schrad.
24	Cladonia humilis	(With.)Laund.
25	Cladonia peziziformis	(With.)Laund.
26	Cladonia polycarpoides	Nyl.
27	Cladonia ramolosa	(With.)Laund.
28	Cladonia rei	Schaerer
29	Dermatocarpon miniatum	(L.)Mann.
30	Diploschistes scruposus	(Schreber)Nyl.
31	Endocarpon pusillum	Hedw.
32	Flavoparmelia caperata	(L.)Hale
33	Graphis scripta	(L.)Ach.
34	Lecanora dispersa	(Pers.)Somm.
35	Lecanora muralis	(Schreb.)Raberh.
36	Lepraria finkii	(B.deLesd.)R.C.Harris
37	Lepraria lesdainii	(Hue)R.C.Harris
38	Lepraria spp.	
39	Leptogium dactylinum	Tuck.
40	Leptogium lichenoides	(L.)Zahlbr.
41	Parmelia sulcata	Tayl.
42	Parmelina aurulenta	(Tuck.)Hale
43	Peltigera elisabethae	Gyel.
44	Peltigera polydactyla	(Necker)Hoffm.
45	Pertusaria macounii	(Lamb.)Dibb.
46	Phaeophyscia adiastola	(Essl.)Essl.
47	Phaeophyscia cernohorskyi	(Nadv.)Essl.

SPECIES BY COUNTY

48	Phaeophyscia ciliata	(Hoffm.)Moberg.
49	Phaeophyscia orbicularis	(Neck.)Moberg.
50	Phaeophyscia pusilloides	(Zahlbr.)Essl.
51	Phaeophyscia rubropulchra	(Degel.)Moberg.
52	Physcia aipolia	(Ehrh.)Hampe
53	Physcia americana	G.K.Merr.
54	Physcia millegrana	Degel.
55	Physcia stellaris	(L.)Nyl.
56	Physciella chloantha	Ach.
57	Physconia detersa	(Nyl.)Poelt.
58	Punctelia rudecta	Ach.
59	Punctelia subrudecta	(Nyl.)Krog.
60	Rinodina milliaria	Tuck.
61	Rinodina pachysperma	Magn.
62	Staurthele diffractella	(Nyl.)Tuck.
63	Verrucaria calkinsiana	DC.
64	Verrucaria fuscella	(Turn.)Winch.
65	Verrucaria muralis	Ach.
66	Verrucaria nigrescens	Pers.
67	Verrucaria viridula	(Schrad.)Ach.
68	Xanthoria candelaris	(L.)Th.Fr.
69	Xanthoria elegans	(Links.)Th.Fr.
70	Xanthoria fallax	(Hepp.)Arn.

SPECIES BY COUNTY

JoDaviess

	SPECIES	AUTHOR
1	Acarospora schleicheri	(Ach.)Massal.
2	Acarospora veronensis	Massal.
3	Acrocordia megalospora	(Fink)R.C.Harris
4	Anisomeridium biforme	(Borr.)R.C.Harris
5	Anisomeridium subprostans	(Nyl.)R.C.Harris
6	Arthonia caesia	(Flot.)Koerb.
7	Arthonia diffusa	Nyl.
8	Arthonia dispersa	(Schrad.)Nyl.
9	Arthonia rupicola	Fink
10	Arthonia tumidula	(Ach.)Ach.
11	Arthothelium spectabile	Flot.
12	Bacidia declinis	(Tuck.)Zahlbr.
13	Bacidia inundata	(Fr.)Korb.
14	Bacidia polychroa	(Th.Fr.)Koerb.
15	Bacidia rubella	(Hoffm.)Mass.
16	Bacidia trachona	(Ach.)Lett.
17	Buellia polyspora	(Will.)Vain.
18	Buellia punctata	(Hoffm.)Massal.
19	Buellia stillingiana	Stein.
20	Caloplaca Schaereri	(Flk.)Zahlbr.
21	Caloplaca cerina	(Ehrh.)Th.Fr.
22	Caloplaca cinnabarina	(Ach.)Zahlbr.
23	Caloplaca cirrochroa	(Ach.)Th.Fr.
24	Caloplaca citrina	(Hoffm.)Th.Fr.
25	Caloplaca feracissima	Magn.
26	Caloplaca ferruginea	(Huds.)Th.Fr.
27	Caloplaca flavorubescens	(Huds.)Launds.
28	Caloplaca flavovirescens	(Wulf.)Torr.&Sarn.
29	Caloplaca holocarpa	(Hoffm.)Wade
30	Caloplaca microphyllina	(Tuck.)Hasse.
31	Caloplaca trachyphylla	(Tuck.)Zahlbr.
32	Caloplaca ulmorum	(Fink)Fink
33	Caloplaca variabilis	(Pers.)Muell.Arg.
34	Caloplace microphyllina	(Tuck.)Hasse
35	Candelaria concolor	(Dicks.)B.Stein.
36	Candelariella efflorescens	R.C.Harris
37	Candelariella xanthostigma	(Ach.)Lett.
38	Catillaria glauconigrans	(Tuck.)Hasse.
39	Chrysothrix candelaris	(L.)Laundan.
40	Cladina rangiferina	(L.)Nyl.
41	Cladina subtenuis	(des.Abb.)Hale&Culb.
42	Cladonia bacillaris	Nyl.
43	Cladonia cariosa	(Ach.)Spreng.
44	Cladonia coniocraea	(Flk.)Spreng.
45	Cladonia cristatella	Tuck.

SPECIES BY COUNTY

46	Cladonia gracilis	(L.)Willd.
47	Cladonia polycarpoides	Nyl.
48	Cladonia ramolosa	(With.)Laund.
49	Cladonia rei	Schaer.
50	Cladonia spp.	
51	Dermatocarpon miniatum	(L.)Mann.
52	Diploschistes scruposus	(Schreb.)Norm.
53	Endocarpon pusillum	Hedw.
54	Eopyrenula leucoplaca	(Wallr.)R.C.Harris
55	Evernia mesomorpha	Nyl.
56	Flavoparmelia caperata	(L.)Hale
57	Flavopuncelia soredica	(Nyl.)Hale
58	Graphis scripta	(L.)Ach.
59	Heterodermia hypoleuca	(Ach.)Trev.
60	Hyperphyscia adglutinata	(Flk.)Mayrh.&Poelt.
61	Hyperphyscia syncolla	(Tuck.)Kalb.
62	Julella fallaciosa	(Stizenb.)R.C.Harris
63	Lecania erysibe	(Ach.)Mudd.
64	Lecanora dispersa	(Pers.)Somm.
65	Lecanora iowensis	Fink
66	Lecanora muralis	(Schreb.)Ach.
67	Lecanora populicola	(DC.)Duby
68	Lecanora symmicta	(Ach.)Ach.
69	Lecanora thysanophora	Harris
70	Lepraria finkii	(B.deLesd.)R.C.Harris
71	Lepraria lesdainii	(Hue)R.C.Harris
72	Lepraria spp.	
73	Lepraria spp.#1	
74	Leptogium dactylinum	Tuck.
75	Leptogium lichenoides	(L.)Zahlbr.
76	Melanelia subaurifera	(Nyl.)Essl.
77	Micarea prasina	Fr.
78	Mycobilimbia sabuletorm	(Schreb.)Hafeln.
79	Ochrolechia arborea	(Kreyer)Almb.
80	Opegrapha varia	Pers.
81	Parmelia sulcata	Tayl.
82	Parmelina aurulenta	(Tuck.)Hale
83	Parmotrema cetratum	(Ach.)Hale
84	Parmotrema reticulatum	(Tayl.)Choisy
85	Peltigera canina	(L.)Willd.
86	Peltigera didactyla	(With.)Laund.
87	Peltigera praetextata	(Somm.)Vain.
88	Pertusaria macounii	(Lamb.)Dibb.
89	Pertusaria multipunctoides	Dibb.
90	Pertusaria pustulata	(Ach.)Duby
91	Pertusaria velata	(Turn.)Nyl.
92	Phaeophyscia adiastola	(Essl.)Essl.
93	Phaeophyscia cernohorskyi	(Nadv.)Essl.
94	Phaeophyscia ciliata	(Hoffm.)Moberg.
95	Phaeophyscia orbicularis	(Neck.)Moberg.
96	Phaeophyscia pusilloides	(Zahlbr.)Essl.

SPECIES BY COUNTY

97	Phaeophyscia rubropulchra	(Degel.)Moberg.
98	Phaeophysciae orbicularis	(Neck.)Moberg.
99	Physcia aipolia	(Ehrh.)Hampe
100	Physcia americana	G.K.Merr.
101	Physcia millegrana	Degel.
102	Physcia stellaris	(L.)Nyl.
103	Physcia subtilis	Degel.
104	Physciella chloantha	(Ach.)Essl.
105	Physconia detersa	(Nyl.)Poelt.
106	Plagiocarpa hyalospora	(Nyl.)R.C.Harris
107	Psora pseudorussellii	Timdal
108	Punctelia bolliana	(Muell.Arg.)Krog.
109	Punctelia rudecta	Ach.
110	Punctelia subrudecta	(Nyl.)Krog.
111	Pyxine caesiopruinosa	(Nyl.)Imsh.
112	Pyxine sorediata	(Ach.)Mont.
113	Ramalina intermedia	(Delise)Nyl.
114	Rinodina dakotensis	Magn.
115	Rinodina magnussonii	Sheard
116	Rinodina milliaria	Tuck.
117	Rinodina pachysperma	Magn.
118	Rinodina pyrina	(Ach.)Arn.
119	Rinodina subminuta	Magn.
120	Thelidium pyrenophorum	(Ach.)Mudd.
121	Thyrea pulvinata	(Schaer.)Mass.
122	Verrucaria calciseda	DC.
123	Verrucaria calkinsiana	Serv.
124	Verrucaria fuscella	(Turn.)Winch.
125	Verrucaria muralis	Ach.
126	Verrucaria nigrescens	Pers.
127	Xanthoria candelaris	(L.)Th.Fr.
128	Xanthoria elegans	(Link)Th.Fr.
129	Xanthoria fallax	(Hepp.)Arn.

SPECIES BY COUNTY

Lee

	SPECIES	AUTHOR
1	Acarospora cinereoalba	(Fink)Magn.
2	Acarospora fuscata	(Nyl.)Arn.
3	Arthonia caesia	(Flot.)Korber
4	Arthonia pyrrhuliza	Nyl.
5	Aspicilia caesiocinerea	(Nyl.)Arn.
6	Aspicilia cinerea	(L.)Koerber
7	Bacidia polychroa	(Th.Fr.)Koerb.
8	Bacidia trachona	(Ach.)Lett.
9	Buellia punctata	(Hoffm.)Mass.
10	Caloplaca Schaereri	(Flk.)Zahlbr.
11	Caloplaca cerina	(Ehrh.)Th.Fr.
12	Caloplaca cinnabarina	(Ach.)Zahlbr.
13	Caloplaca feracissima	Magn.
14	Caloplaca flavovirescens	(Wulf.)Torr.&Sarnth
15	Caloplaca holocarpa	(Hoffm.)Wade
16	Caloplaca microphyllina	(Tuck.)Hass.
17	Caloplaca sideritis	(Tuck.)Zahlbr.
18	Candelaria concolor	(Dicks.)B.Stein
19	Candelariella aurella	(Hoffm.)Zahlbr.
20	Candelariella efflorescens	R.C.Harris
21	Candelariella vitellina	(Hoffm.)Mull.Arg.
22	Candelariella xanthostigma	(Ach.)Lett.
23	Catapyrenium lacheum	(Ach.)R.Sant.
24	Cladina subtenuis	(Des.Abb.)Hale&Culb.
25	Cladonia bacillaris	Nyl.
26	Cladonia caroliniana	Schwein.
27	Cladonia chlorophaea	(Floerke)Spreng.
28	Cladonia coniocraea	(Flk.)Spreng.
29	Cladonia cristatella	Tuck.
30	Cladonia cryptochlorophaea	Asah.
31	Cladonia grayi	G.K.Merr.
32	Cladonia pleurota	(Floerke)Schaerer
33	Cladonia polycarpoides	Nyl.
34	Cladonia rei	Schaerer
35	Cladonia robbinsii	Evans
36	Cladonia strepsilis	(Ach.)Vain.
37	Cladonia uncialis	(L.)Wigg.
38	Collema furfuraceum	(Arn.)Dr.
39	Dermatocarpon miniatum	(L.)Mann.
40	Dimelaena oreina	(Ach.)Norm.
41	Diploschistes scruposus	(Schreber)Norman
42	Endocarpon pusillum	Hedw.
43	Flavoparmelia caperata	(L.)Hale
44	Flavopuncelia soredica	(Nyl.)Hale
45	Gra ;microconidia	

SPECIES BY COUNTY

46	Graphis scripta	(L.)Ach.
47	Hyperphyscia adglutinata	(Flk.)Mayrh.&Poelt.
48	Hyperphyscia syncolla	(Tuck.)Kalb.
49	Julella fallaciosa	(Stizenb.)R.C.Harris
50	Lecania erysibe	(Ach.)Mudd.
51	Lecanora dispersa	(Pers.)Somm.
52	Lecanora muralis	(Schaer)Rabenh.
53	Lecanora spp.	
54	Lecanora strobilina	(Spreng.)Kieffer.
55	Lepraria finkii	(B.deLesd.)R.C.Harris
56	Lepraria lesdainii	(Hue)R.C.Harris
57	Lepraria neglecta	(Nyl.)Lett.
58	Lepraria zonata	Brodo
59	Leptogium cyanescans	(Rebenh.)Koerb.
60	Leptogium dactylinum	Tuck.
61	Micarea melaena	(Nyl.)Hedl.
62	Opegrapha varia	Pers.
63	Parmelia sulcata	Tayl.
64	Parmelina aurulenta	(Tuck.)Hale
65	Peltigera canina	(L.)Willd.
66	Pertusaria macounii	(Lamb.)Dibb.
67	Pertusaria pustulata	(Ach.)Duby
68	Phaeophyscia adiastola	(Essl.)Essl.
69	Phaeophyscia cernohorskyi	(Nadv.)Essl.
70	Phaeophyscia ciliata	(Hoffm.)Moberg.
71	Phaeophyscia pusilloides	(Zahlbr.)Essl.
72	Phaeophyscia rubropulchra	(Degel.)Moberg.
73	Physcia adscendens	(Fr.)H.Oliv.
74	Physcia aipolia	(Ehrh.)Hampe
75	Physcia americana	G.K.Merr.
76	Physcia millegrana	Degel.
77	Physcia stellaris	(L.)Nyl.
78	Physcia subtilis	Degel.
79	Physciella chloantha	(Ach.)Essl.
80	Physciella melanchra	(Hue)Essl.
81	Physconia detersa	(Nyl.)Poelt.
82	Placynthium nigrum	(Huds.)S.F.Gray
83	Porpidia macrocarpa	(DC)Hertel.&Schwein
84	Psora decipiens	(Hedw.)Hoffm.
85	Punctelia bolliana	Mull. Arg.
86	Punctelia rudecta	Ach.
87	Punctelia subrudecta	(Nyl.)Krog.
88	Rhizoplaca subdiscrepans	(Sm.)Zopf.
89	Rinodina milliaria	Tuck.
90	Staurthele diffractella	(Nyl.)Tuck.
91	Trapeliopsis granulosa	(Hoffm.)Lumbsch.
92	Verrucaria calkinsiana	Serv.
93	Verrucaria fuscella	(Turn.)Winch.
94	Verrucaria muralis	Ach.
95	Verrucaria nigrescens	Pers.
96	Verrucaria tectorum	(Mass.)Koerb.

SPECIES BY COUNTY

97	Verrucaria viridula	(Schrad.)Ach.
98	Xanthoparmelia cumberlandia	(Gyel.)Hale
99	Xanthoparmelia mexicana	(Gyel.)Hale
100	Xanthoria candelaris	(L.)Th.Fr.
101	Xanthoria fallax	(Hepp.)Arn.
102	Xanthoria sorediata	(Vain.)Poelt.

SPECIES BY COUNTY

Ogle

	SPECIES	AUTHOR
1	Acarospora badiofusca	(Nyl.)Th.Fr.
2	Acarospora fuscata	(Nyl.)Arn.
3	Acrocordia megalospora	(Fink)R.C.Harris
4	Anisomeridium biforme	(Borr.)R.C.Harris
5	Anisomeridium nyssaegenum	(Ell.&Ev.)R.C.Harris
6	Arthonia caesia	(Flot.)Korb.
7	Arthonia diffusa	Nyl.
8	Arthonia dispersa	(Schrad.)Nyl.
9	Arthopyenia epidermidis	(DC.)Mass.
10	Arthopyenia lapponina	Anzi
11	Aspicilia caesiocinerea	(Nyl.)Arn.
12	Bacidia cupreorosella	(Anzi)Coppins&R.Sant.
13	Bacidia herbarum	(Hepp.)Arn.
14	Bacidia inundata	(Fr.)Koerb.
15	Bacidia polychroa	(Th.Fr.)Koerb.
16	Bacidia trachona	(Ach.)Lett.
17	Buellia polyspora	(Will)Vain.
18	Buellia stigmaea	Tuck.
19	Caloplaca Schaereri	(Flk.)Zahlbr.
20	Caloplaca arenaria	(Pers.)Muell.Arg.
21	Caloplaca cinnabarina	(Ach.)Zahlbr.
22	Caloplaca cirrochroa	(Ach.)Th.Fr.
23	Caloplaca citrina	(Hoffm.)Th.Fr.
24	Caloplaca feracissima	Magn.
25	Caloplaca flavovirescens	(Wulf.)DallaTorr&Sarn
26	Caloplaca holocarpa	(Hoffm)Wade
27	Caloplaca sideritis	(Tuck.)Zahlbr.
28	Candelaria concolor	(Dicks.)B.Stein
29	Candelariella aurella	(Hoffm.)Zahlbr.
30	Candelariella efflorescens	R.C.Harris
31	Candelariella vitellina	(Hoffm.)Mull.Arg.
32	Candelariella xanthostigma	(Ach.)Lett.
33	Catapyrenium lacheum	(Ach.)R.Sant.
34	Cladina rangiferina	(L.)Harm.
35	Cladina subtenuis	(Des.Abb.)Hale&Culb.
36	Cladonia atlantica	A.Evans
37	Cladonia bacillaris	Nyl.
38	Cladonia caespiticia	(Pers.)Floerke
39	Cladonia caroliniana	Schwein
40	Cladonia chlorophaea	(Floerke)Spreng.
41	Cladonia cristatella	Tuck.
42	Cladonia cryptochlorophaea	Asah.
43	Cladonia furcata	(Huds.)Schrad.
44	Cladonia grayi	G.K.Merr.
45	Cladonia peziziformis	(With.)Laund.

SPECIES BY COUNTY

46	Cladonia piedmontensis	G.K.Merr.
47	Cladonia pleurota	(Flork.)Schaer.
48	Cladonia polycarpoides	Nyl.
49	Cladonia rei	Schaerer
50	Cladonia squamosa	(Scop.)Hoffm.
51	Cladonia uncialis	(L.)Weber
52	Cladonia verticillata	(Hoffm.)Schaerer
53	Cyphelium tigillare	(Ach.)Ach.
54	Dermatocarpon miniatum	(L.)Mann.
55	Dimelaena oreina	(Ach.)Norm.
56	Diploschistes scruposus	(Schreber)Norman
57	Endocarpon pusillum	Hedw.
58	Flavoparmelia baltimorensis	(Gyel.&Foriss)Hale
59	Flavoparmelia caperata	(L.)Hale
60	Gra ;microconidia	
61	Graphis scripta	(L.)
62	Heppia lutosa	(Ach.)Nyl.
63	Hyperphyscia adglutinata	(Flk.)Mayrh.&Poelt.
64	Hyperphyscia syncolla	(Tuck.)Kalb.
65	Julella fallaciosa	(Stizenb.)R.C.Harris
66	Kirschteiniothelia aethiops	(Berk.&Curtis)D.Hawkw
67	Lecania erysibe	(Ach.)Mudd.
68	Lecanora muralis	(Schreb.)Rabenh.
69	Lecanora piniperda	Korb.
70	Lecanora populicola	(DC.)Duby
71	Lecanora spp.	
72	Lecanora strobilina	(Sprengel)Kieffer
73	Lecanora thysanophora	Harris
74	Lecidea spp.#4	
75	Lepraria finkii	(BdeLesd.)R.C.Harris
76	Lepraria incana	(L.)Ach.
77	Lepraria lesdainii	(Hue)R.C.Harris
78	Lepraria neglecta	(Nyl.)Lett.
79	Lepraria spp.	
80	Lepraria zonata	Brodo
81	Leptogium corticola	(Tayl.)Tuck.
82	Leptogium juniperinum	Tuck.
83	Leptogium lichenoides	(L.)Zahlbr.
84	Melanelia subaurifera	(Nyl.)Essl.
85	Mycobilimbia sabuletorm	(Schreb.)Hafellner
86	Opegrapha atra	Pers.
87	Opegrapha varia	Pers.
88	Parmelia sulcata	Tayl.
89	Parmelina aurulenta	(Tuck.)Hale
90	Parmotrema hypotropum	(Nyl.)Hale
91	Parmotrema reticulatum	(Tayl.)Choisy
92	Peltigera canina	(L.)Willd.
93	Peltigera didactyla	(With.)Laund.
94	Pertusaria macounii	(Lamb.)Dibb.
95	Phaeophyscia adiastola	(Essl.)Essl.
96	Phaeophyscia cernohorskyi	(Nadv.)Essl.

SPECIES BY COUNTY

97	Phaeophyscia ciliata	(Hoffm.)Moberg.
98	Phaeophyscia orbicularis	(Necker)Moberg.
99	Phaeophyscia pusilloides	(Zahlbr.)Essl.
100	Phaeophyscia rubropulchra	(Degel.)Moberg.
101	Physcia aipolia	(Ehrh.)Hampe
102	Physcia americana	Merr.
103	Physcia millegrana	Degel.
104	Physcia phaea	(Tuck.)Thomson
105	Physcia stellaris	(L.)Nyl.
106	Physcia subtilis	Degel.
107	Physciella chloantha	Ach.
108	Physciella melanchra	(Hue)Essl.
109	Physconia detersa	(Nyl.)Poelt.
110	Placynthium nigrum	(Huds.)Gray
111	Polysporina simplex	(Divies)Vezda
112	Porpidia macrocarpa	(DC)Hertel & Schwein
113	Psora decipiens	(Hedw.)Hoffm.
114	Psorotichia schaereri	(Mass.)Arn.
115	Punctelia bolliana	(Mull.Arg.)Krog.
116	Punctelia rudecta	(Ach.)Krog.
117	Pycnothelia papillaria	(Ehrh.)Duf.
118	Rhizoplaca subdiscrepans	(Sm.)Zopf.
119	Rinodina papillata	Magn.
120	Sarcogyne regularis	Koerb.
121	Staurthele diffractella	(Nyl.)Tuck.
122	Stereocaulon saxatile	Mag.
123	Verrucaria calkinsiana	Serv.
124	Verrucaria fuscella	(Turner)Winch
125	Verrucaria muralis	Ach.
126	Verrucaria nigrescens	Pers.
127	Verrucaria nigrescentoides	Fink
128	Verrucaria virens	Nyl.
129	Xanthoparmelia cumberlandia	(Gyel.)Hale
130	Xanthoparmelia mexicana	(Gyel.)Hale
131	Xanthoparmelia plittii	(Gyel.)Hale
132	Xanthoparmelia somloensis	(Gyel.)Hale
133	Xanthoria candelaris	(L.)Th.Fr.
134	Xanthoria elegans	(Link)Th.Fr.
135	Xanthoria fallax	(Hepp.)Arn.
136	Xanthoria lobulata	(Flk.)B. deLesd.
137	Xanthoria sorediata	(Vain.)Poelt.

SPECIES BY COUNTY

Stephenson

	SPECIES	AUTHOR
1	Anisomeridium biforme	(Borr.)R.C.Harris
2	Arthonia caesia	(Flot.)Korb.
3	Arthonia dispersa	(Schrad.)Nyl.
4	Arthonia tumidula	(Ach.)Ach.
5	Arthopyenia #1	Harris 1973
6	Bacidia trachona	(Ach.)Essl.
7	Buellia vernicoma	(Tuck.)Tuck.
8	Caloplaca Schaereri	(Flk.)Zahlbr.
9	Caloplaca cinnabarina	(Ach.)Zahlbr.
10	Caloplaca cirrochroa	(Ach.)Th.Fr.
11	Caloplaca citrina	(Hoffm.)Th.Fr.
12	Caloplaca feracissima	Magn.
13	Caloplaca flavovirescens	(Wulf.)Torr.&Sarn.
14	Caloplaca holocarpa	(Hoffm.)Wade
15	Caloplaca microphyllina	(Tuck.)Hasse
16	Caloplaca trachyphylla	(Tuck.)Zahlbr.
17	Candelaria concolor	(Dicks.)B.Stein
18	Candelariella efflorescens	R.C.Harris
19	Candelariella xanthostigma	(Ach.)Lett.
20	Chrysothrix candelaris	(L.)Lawdon
21	Cladonia ramolosa	(With.)Laund.
22	Collema tenax	(Sw.)Ach.
23	Dermatocarpon miniatum	(L.)Mann.
24	Endocarpon pusillum	Hedw.
25	Flavoparmelia caperata	(L.)Hale
26	Flavopuncelia soredica	(Nyl.)Hale
27	Graphis scripta	(L.)Ach.
28	Heterodermia speciosa	(Wulf.)Trev.
29	Lecania erysibe	(Ach.)Mudd.
30	Lecanora argentata	(Ach.)Malme
31	Lecanora dispersa	(Pers.)Somm.
32	Lecanora muralis	(Schaer.)Rabenh.
33	Lecanora symmicta	(Ach.)Ach.
34	Lecidea spp.#4	
35	Lepraria finkii	(B.deLesd.)R.C.Harris
36	Lepraria lesdainii	(Hue)R.C.Harris
37	Lepraria spp.	
38	Leptogium cyanescans	(Rabenh.)Koerb.
39	Leptogium dactylinum	Tuck.
40	Mycobilimbia sabuletorm	(Schreb.)Hafelin.
41	Ochrolechia arborea	(Kreyer)Almb.
42	Opegrapha varia	Pers.
43	Parmelia sulcata	Tayl.
44	Parmelina aurulenta	(Tuck.)Hale
45	Peltigera canina	(L.)Willd.

SPECIES BY COUNTY

46	Pertusaria macounii	(Lamb.)Dibb.
47	Phaeophyscia adiastola	(Essl.)Essl.
48	Phaeophyscia cernohorskyi	(Nadv.)Essl.
49	Phaeophyscia ciliata	(Hoffm.)Moberg.
50	Phaeophyscia pusilloides	(Zahlbr.)Essl.
51	Phaeophyscia rubropulchra	(Degel.)Moberg.
52	Physcia aipolia	(Ehrh.)Furnr.
53	Physcia americana	G.K.Merr.
54	Physcia millegrana	Degel.
55	Physcia stellaris	(L.)Nyl.
56	Physciella chloantha	(Ach.)Essl.
57	Physconia detersa	(Nyl.)Poelt.
58	Placynthium nigrum	(Huds.)S.F.Gray
59	Punctelia bolliana	(Mull.Arg.)Krog.
60	Punctelia rudecta	Ach.
61	Punctelia subrudecta	Nyl.
62	Rinodina milliaria	Tuck.
63	Rinodina pachysperma	Magn.
64	Verrucaria calkinsiana	Serv.
65	Verrucaria fuscella	(Turn.)Winch.
66	Verrucaria nigrescens	Pers.
67	Verrucaria nigrescentoides	Fink
68	Verrucaria sordida	Fink
69	Xanthonia fallax	(Hepp.)Arn.
70	Xanthoria candelaris	(L.)Th.Fr.
71	Xanthoria elegans	(Link.)Th.Fr.
72	Xanthoria fallax	(Hepp.)Arn.
73	Xanthoria lobulata	Florke)B.deLesd.

SPECIES BY COUNTY

Whiteside

	SPECIES	AUTHOR
1	Acrocordia conoidea	(Fr.)Korber.
2	Arthonia caesia	(Flot.)Koerb.
3	Bacidia Frachona	(Ach.)Lett.
4	Bacidia trachona	(Ach.)Lett.
5	Caloplaca arenaria	(Pers.)Muell.
6	Caloplaca flavovirescens	(Wulf.)Torr.&Sarn.
7	Caloplaca sideritis	(Tuck.)Zahlbr.
8	Candelaria concolor	(Dicks.)B.Stein
9	Candelariella xanthostigma	(Ach.)Lett.
10	Cladina subtenuis	(des.Abb.)Hale&Culb.
11	Cladonia chlorophaea	(Floerke)Spreng.
12	Cladonia cristatella	Tuck.
13	Cladonia grayi	G.K.Merr.
14	Cladonia polycarpoides	Nyl.
15	Cladonia rei	Schaerer
16	Cyphelium tigillare	(Ach.)Ach.
17	Dermatocarpon miniatum	(L.)Mann.
18	Diploschistes scruposus	(Schreb.)Norm.
19	Endocarpon pusillum	Hedw.
20	Evernia mesomorpha	Nyl.
21	Flavoparmelia caperata	(L.)Hale
22	Flavopuncelia caperata	(Stirt.)Hale
23	Graphis scripta	(L.)Nyl.
24	Hyperphyscia adglutinata	(Flk.)Mayrh.&Poelt.
25	Hyperphyscia syncolla	(Tuck.)Kolb.
26	Kirschteiniothelia aethiops	(Berk.&Curtis)D.Hawkw
27	Lecania erysibe	(Ach.)Mudd.
28	Lecanora argentata	(Ach.)Malme.
29	Lecanora dispersa	(Pers.)Somm.
30	Lecanora muralis	(Schaerer)Ach.
31	Lecanora symmicta	(Ach.)Ach.
32	Lepraria finkii	(B.deLesd.)R.C.Harris
33	Lepraria lesdainii	(Hue)R.C.Harris
34	Leptogium dactylinum	Tuck.
35	Opegrapha atra	Pers.
36	Pertusaria macounii	(Lamb.)Dibb.
37	Phaeophyscia adiastola	(Essl.)Essl.
38	Phaeophyscia cernohorskyi	(Nadv.)Essl.
39	Phaeophyscia ciliata	(Hoffm.)Moberg.
40	Phaeophyscia pusilloides	(Zahlbr.)Essl.
41	Phaeophyscia rubropulchra	(Degel.)Moberg.
42	Physcia aipolia	(Ehrh.)Hampe
43	Physcia americana	G.K.Merr.
44	Physcia millegrana	Degel.
45	Physcia phaea	(Tuck.)Thomson

SPECIES BY COUNTY

46	Physcia stellaris	(L.)Nyl.
47	Physciella chloantha	Ach.
48	Physconia detersa	(Nyl.)Poelt.
49	Psora pseudorussellii	Timdal.
50	Punctelia bolliana	(Muell.Arg.)Krog.
51	Punctelia rudecta	(Ach.)Krog.
52	Rinodina dakotensis	Magn.
53	Rinodina milliaria	Tuck.
54	Trapeliopsis granulosa	(Hoffm.)Lumbsch.
55	Verrucaria calkinsiana	Serv.
56	Verrucaria fuscella	(Turn.)Winch.
57	Xanthoria candelaris	(L.)Th.Fr.
58	Xanthoria elegans	(Link.)Th.Fr.
59	Xanthoria lobulata	(Florke)B.deLesd.

SPECIES BY COUNTY

Winnebago

	SPECIES	AUTHOR
1	Acarospora americana	Magn.
2	Acarospora badiofusca	(Nyl.)Th.Fr.
3	Acarospora cinereoalba	(Fink)Magn.
4	Anisomeridium biforme	(Borr.)R.C.Harris
5	Anisomeridium nyssaegenum	(Ell.&Ev.)R.C.Harris
6	Anisomeridium subprostans	(Nyl.)R.C.Harris
7	Arthonia caesia	(Flot.)Korb.
8	Arthonia diffusa	Nyl.
9	Arthonia tumidula	(Ach.)Ach.
10	Arthopyenia Cerasi	(Schrad.)Mass.
11	Arthopyenia lapponina	Anzi
12	Arthoria caesia	(Flot.)Korb.
13	Aspicilia calcarea	(L.)Mudd.
14	Aspicilia cinerea	(L.)Korb.
15	Aspicilia contorta	(Hoffm.)Kremp.
16	Bacidia inundata	(Fr.)Koerb.
17	Bacidia polychroa	(Th.Fr.)Koerb.
18	Bacidia rubella	(Hoffm.)Mass.
19	Bacidia trachona	(Ach.)Lett.
20	Buellia polyspora	(Willey)Vainio
21	Buellia punctata	(Hoffm.)Mass.
22	Buellia stillingiana	Stein.
23	Buellia vernicoma	(Tuck.)Tuck.
24	Caloplaca Schaereri	(Flk.)Zahlbr.
25	Caloplaca arenaria	(Pers.)Muell.Arg.
26	Caloplaca cerina	(Ehrh.)Th.Fr.
27	Caloplaca cinnabarina	(Ach.)Zahlbr.
28	Caloplaca cirrochroa	(Ach.)Th.Fr.
29	Caloplaca citrina	(Hoffm.)Th.Fr.
30	Caloplaca feracissima	Magn.
31	Caloplaca flavovirescens	(Wulf.)Torr.& Sarnth
32	Caloplaca holocarpa	(Hoffm.)Wade
33	Caloplaca microphyllina	(Tuck.)Hasse.
34	Caloplaca sideritis	(Tuck.)Zahlbr.
35	Caloplaca ulmorum	(Fink)Fink
36	Candelaria concolor	(Dicks.)B.Stein
37	Candelariella aurella	(Hoffm.)Zahlbr.
38	Candelariella efflorescenes	R.C.Harris
39	Candelariella efflorescens	R.C.Harris
40	Candelariella vitellina	(Hoffm.)Muell.Arg.
41	Candelariella xanthostigma	(Ach.)Lett.
42	Catapyrenium lacheum	(Ach.)R.Sant.
43	Cladina subtenuis	(Des.Abb.)Hale&Culb.
44	Cladonia bacillaris	Nyl.
45	Cladonia chlorophaea	(Flk.)Spreng.

SPECIES BY COUNTY

46	Cladonia coniocraea	(Flk.)Spreng.
47	Cladonia cristatella	Tuck.
48	Cladonia cryptochlorophaea	Asah.
49	Cladonia cylindrica	(A.Evans.)A.Evans.
50	Cladonia furcata	(Huds.)Schrad.
51	Cladonia grayi	G.K.Merr.
52	Cladonia peziziformis	(With.)Laund.
53	Cladonia pleurota	(Flok.)Schaerer
54	Cladonia polycarpoides	Nyl.
55	Cladonia ramolosa	(With.)Laund.
56	Cladonia rei	Schaerer
57	Cladonia robbinsii	Evans
58	Cladonia spp.	
59	Cladonia verticillata	(Hoffm.)Schaerer
60	Cyphelium tigillare	(Ach.)Ach.
61	Dermatocarpon miniatum	(L.)Mann.
62	Endocarpon pusillum	Hedw.
63	Flavoparmelia caperata	(L.)Hale
64	Flavopuncelia caperata	(Stirt.)Hale
65	Flavopuncelia soredica	(Nyl.)Hale
66	Graphis scripta	(L.)Ach.
67	Heppia lutosa	(Ach.)Nyl.
68	Hyperphyscia adglutinata	(Flk.)Mayrh.&Poelt.
69	Hyperphyscia syncolla	(Tuck.)Kalb.
70	Kirschteiniothelia aethiops	(Berk.&Curtis)D.Hawks
71	Lecania cyrtella	(Ach.)Th.Fr.
72	Lecania erysibe	(Ach.)Mudd.
73	Lecania syringea	(Ach.)T.Fries
74	Lecanora argentata	(Ach.)Malme
75	Lecanora dispersa	(Pers.)Somm.
76	Lecanora hagenii	(Ach.)Ach.
77	Lecanora muralis	(Schreb.)Rabenh.
78	Lecanora piniperda	Koerb.
79	Lecanora polytropa	(Hoffm.)Rabenh.
80	Lecanora populicola	(DC.)Duby
81	Lecanora sambuci	(Pers.)Nyl.
82	Lecanora strobilina	(Spreng.)Kieffer
83	Lecanora symmicta	(Ach.)Ach.
84	Lecanora thysanophora	Harris
85	Lecanora umbrina	(Ach.)Massal.
86	Lecidea parasema	Ach.
87	Lecidea spp.#4	
88	Lepraria finkii	(B.deLesd.)R.C.Harris
89	Lepraria incana	(L.)Ach.
90	Lepraria lesdainii	(Hue)R.C.Harris
91	Lepraria spp.	
92	Leptogium cyanescans	(Rabenh.)Koerb.
93	Leptogium dactylinum	Tuck.
94	Leptogium juniperinum	Tuck.
95	Melanelia subaurifera	(Nyl.)Essl.
96	Micarea prasina	Fr.

SPECIES BY COUNTY

97	Microphiale lutea	(Dicks.)Zahlbr.
98	Opegrapha atra	Pers.
99	Opegrapha varia	Pers.
100	Parmelia sulcata	Tayl.
101	Parmelina aurulenta	(Tuck.)Hale
102	Parmotrema cetratum	(Ach.)Hale
103	Parmotrema hypotropum	(Nyl.)Hale
104	Parmotrema reticulatum	(Tayl.)Choisy
105	Peltigera canina	(L.)Willd.
106	Peltigera elisabrthae	(Huds.)Baumg.
107	Peltigera polydactyla	(Neck.)Hoffm.
108	Peltigera praetextata	(Somm.)Vain.
109	Pertusaria macounii	(Lamb.)Dibb.
110	Pertusaria pustulata	(Ach.)Duby
111	Pertusaria velata	(Turn.)Nyl.
112	Phaeophyscia adiastola	(Essl.)Essl.
113	Phaeophyscia cernohorskyi	(Nadv.)Essl.
114	Phaeophyscia ciliata	(Hoffm.)Moberg.
115	Phaeophyscia hispidula	(Ach.)Moberg.
116	Phaeophyscia orbicularis	(Neck.)Moberg.
117	Phaeophyscia pusilloides	(Zahlbr.)Essl.
118	Phaeophyscia rubropulchra	(Degel)Moberg.
119	Physcia adscendens	(Fr.)H.Oliv.
120	Physcia aipolia	(Ehrh.)Hampe
121	Physcia americana	G.K.Merr.
122	Physcia millegrana	Degel.
123	Physcia stellaris	(L.)Nyl.
124	Physcia subtilis	Degel.
125	Physciella chloantha	Ach.
126	Physciella melanchra	(Hue)Essl.
127	Physconia detersa	(Nyl.)Poelt.
128	Placynthiella oligotropha	(Laund.)Coppins&P.Jam
129	Placynthium nigrum	(Huds.)S.F.Gray
130	Psora decipiens	(Ach.)Hoffm.
131	Psora pseudorussellii	Timdal.
132	Punctelia bolliana	(Mull.Arg.)Krog.
133	Punctelia rudecta	(Nyl.)Krog.
134	Punctelia subrudecta	(Nyl.)Krog.
135	Pyrenocollema prospersella	(Nyl.)R.C.Harris
136	Pyrenula farrea	(Fink)Zahlbr.
137	Ramalina americana	Hale
138	Rhizoplaca subdiscrepans	(Nyl.)R.Sant.
139	Rinodina bischoffii	(Hepp.)Mass.
140	Rinodina dakotensis	Magn.
141	Rinodina exigua	(Ach.)Gray
142	Rinodina magnussonii	Sheard
143	Rinodina milliaria	Tuck.
144	Rinodina oxydata	(Massal.)Massal.
145	Rinodina pachysperma	Magn.
146	Rinodina papillata	Magn.
147	Rinodina subminuta	Magn.

SPECIES BY COUNTY

148	Rinodina tephraspis	(Tuck.)Herre.
149	Sarcogyne regularis	Koerb.
150	Sarcogyne simplex	(Dav.)Nyl.
151	Scoliciosporum umbrinum	(Ach.)Arn.
152	Staurthele diffractella	(Nyl.)Tuck.
153	Thelidium pyrenophorum	(Ach.)Mudd.
154	Trapeliopsis granulosa	(Hoffm.)Lumbsch.
155	Usnea strigosa	(Ach.)Eaton
156	Verrucaria calciseda	Lam.&DC.
157	Verrucaria calkinsiana	Serv.
158	Verrucaria fuscella	(Turn.)Winch.
159	Verrucaria muralis	Ach.
160	Verrucaria nigrescens	Pers.
161	Verrucaria nigrescentoides	Pers.
162	Verrucaria virens	Nyl.
163	Verrucaria viridula	(Schrad.)Ach.
164	Xanthoparmelia cumberlandia	(Gyel.)Hale
165	Xanthoparmelia spp.	
166	Xanthoria candelaris	(L.)Th.Fr.
167	Xanthoria elegans	(Link)Th.Fr.
168	Xanthoria fallax	(Hepp.)Arn.
169	Xanthoria polycarpa	(Ehrh.)Rieber

SPECIES BY NATURAL DIVISION

Wisconsin Driftless Division

	SPECIES	AUTHOR
1	Acarospora schleicheri	(Ach.)Massal.
2	Acarospora veronensis	Massal.
3	Acrocordia megalospora	(Fink)R.C.Harris
4	Anisomeridium biforme	(Borr.)R.C.Harris
5	Anisomeridium subprostans	(Nyl.)R.C.Harris
6	Arthonia caesia	(Flot.)Korb.
7	Arthonia diffusa	Nyl.
8	Arthonia dispersa	(Schrad.)Nyl.
9	Arthonia tumidula	(Ach.)Ach.
10	Arthothelium spectabile	Flot.
11	Aspicilia contorta	(Hoffm.)Kremp.
12	Bacidia declinis	(Tuck.)Zahlbr.
13	Bacidia polychroa	(Th.Fr.)Koerb.
14	Bacidia rubella	(Hoffm.)Mass.
15	Bacidia trachona	(Ach.)Lett.
16	Buellia polyspora	(Will.)Vain.
17	Buellia stillingiana	Stein.
18	Caloplaca Schaereri	(Florke)Zahlbr.
19	Caloplaca cerina	(Ehrh.)Th.Fr.
20	Caloplaca cinnabarina	(Ach.)Zahlbr.
21	Caloplaca cirrochroa	(Ach.)Th.Fr.
22	Caloplaca feracissima	Magn.
23	Caloplaca ferruginea	(Huds.)Th.Fr.
24	Caloplaca flavorubescens	(Huds.)Launds.
25	Caloplaca flavovirescens	(Wulf.)Torr.&Sarn.
26	Caloplaca holocarpa	(Hoffm.)Wade
27	Caloplaca microphyllina	(Tuck.)Hasse.
28	Caloplaca trachyphylla	(Tuck.)Zahlbr.
29	Caloplaca ulmorum	(Fink)Fink
30	Caloplaca variabilis	(Pers.)Muell.Arg.
31	Candelaria concolor	(Dicks.)B.Stein
32	Candelariella efflorescens	R.C.Harris
33	Candelariella xanthostigma	(Ach.)Lett.
34	Catillaria glauconigrans	(Tuck.)Hasse.
35	Chrysothrix candelaris	(L.)Laundan.
36	Cladonia coniocraea	(Flk.)Spreng.
37	Cladonia ramolosa	(With.)Laund.
38	Dermatocarpon miniatum	(L.)Mann.
39	Endocarpon pusillum	Hedw.
40	Eopyrenula leucoplaca	(Wallr.)R.C.Harris
41	Evernia mesomorpha	Nyl.
42	Flavoparmelia caperata	(L.)Hale
43	Flavopuncelia soredica	(Nyl.)Hale
44	Graphis scripta	(L.)Ach.
45	Heterodermia hypoleuca	(Ach.)Trev.
46	Hyperphyscia adglutinata	(Flk.)Mayrh.&Poelt.
47	Hyperphyscia syncolla	(Tuck.)Kalb.

SPECIES BY NATURAL DIVISION

48	Julella fallaciosa	(Stizenb.)R.C.Harris
49	Lecania erysibe	(Ach.)Mudd.
50	Lecanora dispersa	(Pers.)Somm.
51	Lecanora iowensis	Fink
52	Lecanora muralis	(Schreb.)Ach.
53	Lecanora populicola	(DC.)Duby
54	Lecanora symmicta	(Ach.)Ach.
55	Lecanora thysanophora	Harris
56	Lepraria finkii	(B.deLesd.)R.C.Harris
57	Lepraria lesdainii	(Hue)R.C.Harris
58	Lepraria spp.	
59	Lepraria spp.#1	
60	Leptogium dactylinum	Tuck.
61	Leptogium lichenoides	(L.)Zahlbr.
62	Melanelia subaurifera	(Nyl.)Essl.
63	Micarea prasina	Fr.
64	Mycobilimbia sabuletorm	(Schreb.)Hafeln.
65	Ochrolechia arborea	(Kreyer)Almb.
66	Opegrapha varia	Pers.
67	Parmelia sulcata	Tayl.
68	Parmelina aurulenta	(Tuck.)Hale
69	Parmotrema cetratum	(Ach.)Hale
70	Parmotrema reticulatum	(Tayl.)Choisy
71	Peltigera canina	(L.)Willd.
72	Peltigera elisabethae	Gyel.
73	Peltigera polydactyla	(Necker)Hoffm.
74	Peltigera praetextata	(Somm.)Vain.
75	Pertusaria macounii	(Lamb.)Dibb.
76	Pertusaria multipunctoides	Dibb.
77	Pertusaria pustulata	(Ach.)Duby
78	Pertusaria velata	(Turn.)Nyl.
79	Phaeophyscia adiastola	(Essl.)Essl.
80	Phaeophyscia cernohorskyi	(Nadv.)Essl.
81	Phaeophyscia ciliata	(Hoffm.)Moberg.
82	Phaeophyscia orbicularis	(Neck.)Moberg.
83	Phaeophyscia pusilloides	(Zahlbr.)Essl.
84	Phaeophyscia rubropulchra	(Degel.)Moberg.
85	Phaeophysciae orbicularis	(Neck.)Moberg.
86	Physcia aipolia	(Ehrh.)Hampe
87	Physcia americana	G.K.Merr.
88	Physcia millegrana	Degel.
89	Physcia stellaris	(L.)Nyl.
90	Physcia subtilis	Degel.
91	Physciella chloantha	Ach.
92	Physconia detersa	(Nyl.)Poelt.
93	Plagiocarpa hyalospora	(Nyl.)R.C.Harris
94	Psora pseudorussellii	Timdal
95	Punctelia bolliana	(Muell.Arg.)Krog.
96	Punctelia rudecta	Ach.
97	Punctelia subrudecta	(Nyl.)Krog.
98	Pyxine sorediata	(Ach.)Mont.

SPECIES BY NATURAL DIVISION

99	Ramalina intermedia	(Delise)Nyl.
100	Rinodina magnussonii	Sheard
101	Rinodina pachysperma	Magn.
102	Rinodina pyrina	(Ach.)Arn.
103	Rinodina subminuta	Magn.
104	Staurthele diffractella	(Nyl.)Tuck.
105	Thelidium pyrenophorum	(Ach.)Mudd.
106	Thyrea pulvinata	(Schaer.)Mass.
107	Verrucaria calciseda	DC.
108	Verrucaria calkinsiana	DC.
109	Verrucaria fuscella	(Turn.)Winch.
110	Verrucaria muralis	Ach.
111	Xanthoria candelaris	(L.)Th.Fr.
112	Xanthoria elegans	(Link)Th.Fr.
113	Xanthoria fallax	(Hepp.)Arn.

SPECIES BY NATURAL DIVISION

Rock River Hill Country Division
Freeport Section

	SPECIES	AUTHOR
1	Acarospora americana	Magn.
2	Acarospora fuscata	(Nyl.)Arn.
3	Acrocordia conoidea	(Fr.)Korber.
4	Acrocordia megalospora	(Fink)R.C.Harris
5	Anisomeridium biforme	(Borr.)R.C.Harris
6	Anisomeridium nyssaegenum	(Ell.&Ev.)R.C.Harris
7	Anisomeridium subprostans	(Nyl.)R.C.Harris
8	Arthonia caesia	(Flot.)Korb.
9	Arthonia diffusa	Nyl.
10	Arthonia dispersa	(Schrad.)Nyl.
11	Arthonia tumidula	(Ach.)Ach.
12	Arthopyenia #1	Harris 1973
13	Arthopyenia epidermidis	(DC.)Mass.
14	Arthopyenia lapponina	Anzi
15	Arthoria caesia	(Flot.)Korb.
16	Aspicilia contorta	(Hoffm.)Kremp.
17	Bacidia Frachona	(Ach.)Lett.
18	Bacidia cupreorosella	(Anzi)Coppins&R.Sant.
19	Bacidia herbarum	(Hepp.)Arn.
20	Bacidia inundata	(E.Fries)Koerb.
21	Bacidia polychroa	(Th.Fr.)Koerb.
22	Bacidia rubella	(Hoffm.)Mass.
23	Bacidia trachona	(Ach.)Lett.
24	Buellia polyspora	(Willey)Vainio
25	Buellia punctata	(Hoffm.)Mass.
26	Buellia vernicoma	(Tuck.)Tuck.
27	Caloplaca Schaereri	(Flk.)Zahlbr.
28	Caloplaca arenaria	(Pers.)Muell.Arg.
29	Caloplaca cerina	(Ehrh.)Th.Fr.
30	Caloplaca cinnabarina	(Ach.)Zahlbr.
31	Caloplaca cirrochroa	(Ach.)Th.Fr.
32	Caloplaca citrina	(Hoffm.)Th.Fr.
33	Caloplaca flavovirescens	(Wulf.)Torr.&Sarn.
34	Caloplaca holocarpa	(Hoffm.)Wade
35	Caloplaca sideritis	(Tuck.)Zahlbr.
36	Caloplaca trachyphylla	(Tuck.)Zahlbr.
37	Caloplaca ulmorum	(Fink)Fink
38	Candelaria concolor	(Dicks.)B.Stein
39	Candelariella aurella	(Hoffm.)Zahlbr.
40	Candelariella efflorescens	R.C.Harris
41	Candelariella vitellina	(Ehrh.)Muell.Arg.
42	Candelariella xanthostigma	(Ach.)Lett.
43	Catapyrenium lacheum	(Ach.)R.Sant.
44	Catillaria glauconigrans	(Tuck.)Hasse.
45	Chrysothrix candelaris	(L.)Lawdon

SPECIES BY NATURAL DIVISION

46	Cladonia bacillaris	Nyl.
47	Cladonia chlorophaea	(Flk.)Spreng.
48	Cladonia coniocraea	(Flk.)Spreng.
49	Cladonia furcata	(Huds.)Schrad.
50	Cladonia humilis	(With.)Laund.
51	Cladonia peziziformis	(Michx.)Spreng.
52	Cladonia ramolosa	(With.)Laund.
53	Cladonia rei	Schaerer
54	Cladonia spp.	
55	Collema furfuraceum	(Arn.)Dr.
56	Collema tenax	(Sw.)Ach.
57	Cyphelium tigillare	(Ach.)Ach.
58	Dermatocarpon miniatum	(L.)Mann.
59	Endocarpon pusillum	Hedw.
60	Evernia mesomorpha	Nyl.
61	Flavoparmelia caperata	(L.)Hale
62	Flavopuncelia caperata	(Stirt.)Hale
63	Flavopuncelia soredica	(Nyl.)Hale
64	Gra ;microconidia	
65	Graphis scripta	(L.)Ach.
66	Heppia lutosa	(Ach.)Nyl.
67	Heterodermia speciosa	(Wulf.)Trev.
68	Hyperphyscia adglutinata	(Flk.)Mayrh.&Poelt.
69	Hyperphyscia syncolla	(Tuck.)Kolb.
70	Julella fallaciosa	(Stizenb.)R.C.Harris
71	Kirschteiniothelia aethiops	(Berk.&Curtis)D.Hawks
72	Lecania erysibe	(Ach.)Mudd.
73	Lecanora argentata	(Ach.)Malme.
74	Lecanora dispersa	(Pers.)Somm.
75	Lecanora hagenii	(Ach.)Ach.
76	Lecanora muralis	(Schreb.)Rabenh.
77	Lecanora piniperda	Korb.
78	Lecanora populicola	(DC.)Duby
79	Lecanora spp.	
80	Lecanora strobilina	(Sprengel)Kieffer
81	Lecanora symmicta	(Ach.)Ach.
82	Lecanora thysanophora	Harris
83	Lecidea parasema	Ach.
84	Lecidea spp.#4	
85	Lepraria finkii	(B.deLesd.)R.C.Harris
86	Lepraria incana	(L.)Ach.
87	Lepraria lesdainii	(Hue)R.C.Harris
88	Lepraria spp.	
89	Leptogium corticola	(Tayl.)Tuck.
90	Leptogium cyanescans	(Ruberh.)Koerb.
91	Leptogium dactylinum	Tuck.
92	Leptogium juniperinum	Tuck.
93	Leptogium lichenoides	(L.)Zahlbr.
94	Melanelia subaurifera	(Nyl.)Essl.
95	Mycobilimbia sabuletorm	(Schreb.)Hafelin.
96	Ochrolechia arborea	(Kreyer)Almb.

SPECIES BY NATURAL DIVISION

97	Opegrapha atra	Pers.
98	Opegrapha varia	Pers.
99	Parmelia sulcata	Tayl.
100	Parmelina aurulenta	(Tuck.)Hale
101	Parmotrema reticulatum	(Tayl.)Choisy
102	Peltigera canina	(L.)Willd.
103	Peltigera polydactyla	(Neck.)Hoffm.
104	Pertusaria macounii	(Lamb.)Dibb.
105	Pertusaria pustulata	(Ach.)Duby
106	Phaeophyscia adiastola	(Essl.)Essl.
107	Phaeophyscia cernohorskyi	(Nadv.)Essl.
108	Phaeophyscia ciliata	(Hoffm.)Moberg.
109	Phaeophyscia orbicularis	(Nedr.)Moberg.
110	Phaeophyscia pusilloides	(Zahlbr.)Essl.
111	Phaeophyscia rubropulchra	(Degel)Moberg.
112	Physcia adscendens	(Fr.)H.Oliv.
113	Physcia aipolia	(Ehrh.)Furnr.
114	Physcia americana	G.K.Merr.
115	Physcia millegrana	Degel.
116	Physcia phaea	(Tuck.)Thomson
117	Physcia stellaris	(L.)Nyl.
118	Physcia subtilis	Degel.
119	Physciella chloantha	Ach.
120	Physciella melanchra	(Hue)Essl.
121	Physconia detersa	(Nyl.)Poelt.
122	Placynthiella oligotropha	(Laund.)Coppins&P.Jam
123	Placynthium nigrum	(Huds.)S.F.Gray
124	Psora decipiens	(Ach.)Hoffm.
125	Psora pseudorussellii	Timdal.
126	Psorotichia schaereri	(Mass.)Arn.
127	Punctelia bolliana	(Mull.Arg.)Krog.
128	Punctelia rudecta	Ach.
129	Punctelia subrudecta	Nyl.
130	Pyrenula farrea	(Fink)Zahlbr.
131	Ramalina americana	Hale
132	Rinodina dakotensis	Magn.
133	Rinodina milliaria	Tuck.
134	Rinodina pachysperma	Magn.
135	Rinodina papillata	Magn.
136	Rinodina tephraspis	(Tuck.)Herre.
137	Sarcogyne regularis	Koerb.
138	Scoliciosporum umbrinum	(Ach.)Arn.
139	Staurthele diffractella	(Nyl.)Tuck.
140	Verrucaria calkinsiana	Serv.
141	Verrucaria fuscella	(Turn.)Winch.
142	Verrucaria muralis	Ach.
143	Verrucaria nigrescens	Pers.
144	Verrucaria nigrescentoides	Pers.
145	Verrucaria sordida	Fink
146	Verrucaria virens	Nyl.
147	Verrucaria viridula	(Schrad.)Ach.

SPECIES BY NATURAL DIVISION

148	Xanthonia fallax	(Hepp.)Arn.
149	Xanthoparmelia cumberlandia	(Gyel.)Hale
150	Xanthoria candelaris	(L.)Th.Fr.
151	Xanthoria elegans	(Link.)Th.Fr.
152	Xanthoria fallax	(Hepp.)Arn.
153	Xanthoria lobulata	Florke)B.deLesd.
154	Xanthoria polycarpa	(Hoffm.)Rieber
155	Xanthoria sorediata	(Vain.)Poelt.

SPECIES BY NATURAL DIVISION

Rock River Hill Country Division
Oregon Section

	SPECIES	AUTHOR
1	Acarospora badiofusca	(Nyl.)Th.Fr.
2	Acarospora cinereoalba	(Fink)Magn.
3	Acarospora fuscata	(Nyl.)Arn.
4	Arthonia caesia	(Flot.)Korb.
5	Arthonia pyrrhuliza	Nyl.
6	Aspicilia caesiocinerea	(Nyl.)Arn.
7	Aspicilia cinerea	(L.)Koerber
8	Bacidia inundata	(Fr.)Koerb.
9	Bacidia trachona	(Ach.)Lett.
10	Buellia stigmaea	Tuck.
11	Caloplaca Schaereri	(Flk.)Zahlbr.
12	Caloplaca arenaria	(Pers.)Muell.Arg.
13	Caloplaca cinnabarina	(Ach.)Zahlbr.
14	Caloplaca feracissima	Magn.
15	Caloplaca flavovirescens	(Wulf.)Torr.&Sarnth.
16	Caloplaca holocarpa	(Hoffm)Wade
17	Caloplaca microphyllina	(Tuck.)Hass.
18	Caloplaca sideritis	(Tuck.)Zahlbr.
19	Candelaria concolor	(Dicks.)B.Stein
20	Candelariella aurella	(Hoffm.)Zahlbr.
21	Candelariella efflorescens	R.C.Harris
22	Candelariella vitellina	(Hoffm.)Mull.Arg.
23	Candelariella xanthostigma	(Ach.)Lett.
24	Catapyrenium lacheum	(Ach.)R.Sant.
25	Cladina rangiferina	(L.)Harm.
26	Cladina subtenuis	(Des.Abb.)Hale&Culb.
27	Cladonia atlantica	A.Evans
28	Cladonia bacillaris	Nyl.
29	Cladonia caespiticia	(Pers.)Floerke
30	Cladonia caroliniana	Schwein
31	Cladonia chlorophaea	(Floerke)Spreng.
32	Cladonia coniocraea	(Flk.)Spreng.
33	Cladonia cristatella	Tuck.
34	Cladonia cryptochlorophaea	Asah.
35	Cladonia furcata	(Huds.)Schrad.
36	Cladonia grayi	G.K.Merr.
37	Cladonia peziziformis	(With.)Laund.
38	Cladonia piedmontensis	G.K.Merr.
39	Cladonia pleurota	(Flork.)Schaer.
40	Cladonia polycarpoides	Nyl.
41	Cladonia rei	Schaerer
42	Cladonia robbinsii	Evans
43	Cladonia squamosa	(Scop.)Hoffm.
44	Cladonia strepsilis	(Ach.)Vain.
45	Cladonia uncialis	(L.)Weber

SPECIES BY NATURAL DIVISION

46	Cladonia verticillata	(Hoffm.)Schaerer
47	Cyphelium tigillare	(Ach.)Ach.
48	Dermatocarpon miniatum	(L.)Mann.
49	Dimelaena oreina	(Ach.)Norm.
50	Diploschistes scruposus	(Schreber)Norman
51	Endocarpon pusillum	Hedw.
52	Flavoparmelia baltimorensis	(Gyel.&Foriss)Hale
53	Flavoparmelia caperata	(L.)Hale
54	Flavopuncelia soredica	(Nyl.)Hale
55	Graphis scripta	(L.)
56	Hyperphyscia adglutinata	(Flk.)Mayrh.&Poelt.
57	Hyperphyscia syncolla	(Tuck.)Kalb.
58	Julella fallaciosa	(Stizenb.)R.C.Harris
59	Kirschteiniothelia aethiops	(Berk.&Curtis)D.Hawkw
60	Lecania erysibe	(Ach.)Mudd.
61	Lecanora dispersa	(Pers.)Somm.
62	Lecanora muralis	(Schreb.)Ach.
63	Lecanora spp.	
64	Lecanora strobilina	(Spreng.)Kieffer.
65	Lecidea spp.#4	
66	Lepraria finkii	(BdeLesd.)R.C.Harris
67	Lepraria neglecta	(Nyl.)Lett.
68	Lepraria zonata	Brodo
69	Leptogium cyanescans	(Rabenh.)Koerb.
70	Leptogium dactylinum	Tuck.
71	Melanelia subaurifera	(Nyl.)Essl.
72	Micarea melaena	(Nyl.)Hedl.
73	Parmelia sulcata	Tayl.
74	Parmotrema hypotropum	(Nyl.)Hale
75	Peltigera canina	(L.)Willd.
76	Peltigera didactyla	(With.)Laund.
77	Pertusaria macounii	(Lamb.)Dibb.
78	Phaeophyscia adiastola	(Essl.)Essl.
79	Phaeophyscia cernohorskyi	(Nadv.)Essl.
80	Phaeophyscia ciliata	(Hoffm.)Moberg.
81	Phaeophyscia orbicularis	(Necker)Moberg.
82	Phaeophyscia pusilloides	(Zahlbr.)Essl.
83	Phaeophyscia rubropulchra	(Degel.)Moberg.
84	Physcia aipolia	(Ehrh.)Hampe
85	Physcia americana	Merr.
86	Physcia millegrana	Degel.
87	Physcia stellaris	(L.)Nyl.
88	Physcia subtilis	Degel.
89	Physciella chloantha	Ach.
90	Physciella melanchra	(Hue)Essl.
91	Physconia detersa	(Nyl.)Poelt.
92	Placynthium nigrum	(Huds.)Gray
93	Polysporina simplex	(Divies)Vezda
94	Porpidia macrocarpa	(DC)Hertel.&Schwein
95	Psora decipiens	(Hedw.)Hoffm.
96	Punctelia bolliana	(Mull.Arg.)Krog.

SPECIES BY NATURAL DIVISION

97	Punctelia rudecta	(Ach.)Krog.
98	Punctelia subrudecta	(Nyl.)Krog.
99	Pycnothelia papillaria	(Ehrh.)Duf.
100	Rhizoplaca subdiscrepans	(Sm.)Zopf.
101	Rinodina milliaria	Tuck.
102	Stereocaulon saxatile	Mag.
103	Trapeliopsis granulosa	(Hoffm.)Lumbsch.
104	Verrucaria calkinsiana	Serv.
105	Verrucaria fuscella	(Turn.)Winch.
106	Verrucaria muralis	Ach.
107	Verrucaria nigrescens	Pers.
108	Verrucaria nigrescentoides	Fink
109	Verrucaria tectorum	(Mass.)Koerb.
110	Verrucaria viridula	(Schrad.)Ach.
111	Xanthoparmelia cumberlandia	(Gyel.)Hale
112	Xanthoparmelia mexicana	(Gyel.)Hale
113	Xanthoparmelia plittii	(Gyel.)Hale
114	Xanthoparmelia somloensis	(Gyel.)Hale
115	Xanthoria candelaris	(L.)Th.Fr.
116	Xanthoria fallax	(Hepp.)Arn.
117	Xanthoria lobulata	(Flk.)B. deLesd.
118	Xanthoria sorediata	(Vain.)Poelt.

SPECIES BY NATURAL DIVISION

Northeastern Morainal Division
Winnebago Drift Section

	SPECIES	AUTHOR
1	Acarospora badiofusca	(Nyl.)Th.Fr.
2	Acarospora cinereoalba	(Fink)Magn.
3	Anisomeridium biforme	(Borr.)R.C.Harris
4	Anisomeridium nyssaegenum	(Ell.)R.C.Harris
5	Arthonia caesia	(Flot.)Korb.
6	Arthonia diffusa	Nyl.
7	Arthopyenia Cerasi	(Schrad.)Mass.
8	Arthopyenia lapponina	Anzi
9	Aspicilia calcarea	(L.)Mudd.
10	Aspicilia cinerea	(L.)Korb.
11	Aspicilia contorta	(Hoffm.)Kremp.
12	Bacidia inundata	(Fr.)Koerb.
13	Bacidia polychroa	(Th.Fr.)Koerb.
14	Bacidia trachona	(Ach.)Lett.
15	Buellia polyspora	(Will.)Vain.
16	Buellia punctata	(Hoffm.)Mass.
17	Buellia stillingiana	Stein.
18	Buellia vernicoma	(Tuck.)Tuck.
19	Caloplaca Schaereri	(Flk.)Zahlbr.
20	Caloplaca cerina	(Ehrh.)Th.Fr.
21	Caloplaca cinnabarina	(Ach.)Zahlbr.
22	Caloplaca citrina	(Hoffm.)Th.Fr.
23	Caloplaca feracissima	Magn.
24	Caloplaca flavovirescens	(Huds.)Laund.
25	Caloplaca holocarpa	(Hoffm.)Wade
26	Caloplaca microphyllina	(Tuck.)Hasse.
27	Caloplaca sideritis	(Tuck.)Zahlbr.
28	Candelaria concolor	(Dicks.)B.Stein
29	Candelariella aurella	(Hoffm.)Zahlbr.
30	Candelariella efflorescenes	R.C.Harris
31	Candelariella efflorescens	R.C.Harris
32	Candelariella vitellina	(Hoffm.)Muell.Arg.
33	Candelariella xanthostigma	(Ach.)Lett.
34	Catapyrenium lacheum	(Ach.)R.Sant.
35	Cladina subtenuis	(Des.Abb.)Hale&Culb.
36	Cladonia bacillaris	Nyl.
37	Cladonia chlorophaea	(Flk.)Spreng.
38	Cladonia coniocraea	(Flk.)Spreng.
39	Cladonia cristatella	Tuck.
40	Cladonia cryptochlorophaea	Asah.
41	Cladonia cylindrica	(A.Evans.)A.Evans.
42	Cladonia furcata	(Huds.)Schrad.
43	Cladonia grayi	G.K.Merr.
44	Cladonia peziziformis	(With.)Laund.
45	Cladonia pleurota	(Flok.)Schaerer

SPECIES BY NATURAL DIVISION

46	Cladonia polycarpoides	Nyl.
47	Cladonia ramolosa	(With.)Laund.
48	Cladonia rei	Schaerer
49	Cladonia robbinsii	Evans
50	Cladonia spp.	
51	Cladonia verticillata	(Hoffm.)Schaerer
52	Cyphelium tigillare	(Ach.)Ach.
53	Dermatocarpon miniatum	(L.)Mann.
54	Endocarpon pusillum	Hedw.
55	Flavoparmelia caperata	(L.)Hale
56	Flavopuncelia caperata	(Stirt.)Hale
57	Flavopuncelia soredica	(Nyl.)Hale
58	Graphis scripta	(L.)Ach.
59	Heppia lutosa	(Ach.)Nyl.
60	Hyperphyscia adglutinata	(Flk.)Mayrh.&Poelt.
61	Hyperphyscia syncolla	(Tuck.)Kalb.
62	Kirschteiniothelia aethiops	(Berk.&Curtis)D.Hawks
63	Lecania cyrtella	(Ach.)Th.Fr.
64	Lecania erysibe	(Ach.)Mudd.
65	Lecania syringea	(Ach.)T.Fries
66	Lecanora argentata	(Ach.)Malme
67	Lecanora dispersa	(Pers.)Somm.
68	Lecanora muralis	(Schreb.)Rabenh.
69	Lecanora piniperda	Koerb.
70	Lecanora polytropa	(Hoffm.)Rabenh.
71	Lecanora populicola	(DC.)Duby
72	Lecanora sambuci	(Pers.)Nyl.
73	Lecanora strobilina	(Spreng.)Kieffer
74	Lecanora symmicta	(Ach.)Ach.
75	Lecanora thysanophora	Harris
76	Lecanora umbrina	(Ach.)Massal.
77	Lecidea spp.#4	
78	Lepraria finkii	(B.deLesd.)R.C.Harris
79	Lepraria incana	(L.)Ach.
80	Lepraria lesdainii	(Hue)R.C.Harris
81	Lepraria spp.	
82	Leptogium cyanescans	(Rabenh.)Koerb.
83	Leptogium dactylinum	Tuck.
84	Leptogium juniperinum	Tuck.
85	Melanelia subaurifera	(Nyl.)Essl.
86	Micarea prasina	Fr.
87	Microphiale lutea	(Dicks.)Zahlbr.
88	Opegrapha atra	Pers.
89	Opegrapha varia	Pers.
90	Parmelia sulcata	Tayl.
91	Parmelina aurulenta	(Tuck.)Hale
92	Parmotrema cetratum	(Ach.)Hale
93	Parmotrema hypotropum	(Nyl.)Hale
94	Parmotrema reticulatum	(Tayl.)Choisy
95	Peltigera canina	(L.)Willd.
96	Peltigera elisabrthae	(Huds.)Baumg.

SPECIES BY NATURAL DIVISION

97	Peltigera praetextata	(Somm.)Vain.
98	Pertusaria macounii	(Lamb.)Dibb.
99	Pertusaria velata	(Turn.)Nyl.
100	Phaeophyscia adiastola	(Essl.)Essl.
101	Phaeophyscia cernohorskyi	(Nadv.)Essl.
102	Phaeophyscia ciliata	(Hoffm.)Moberg.
103	Phaeophyscia hispidula	(Ach.)Moberg.
104	Phaeophyscia orbicularis	(Neck.)Moberg.
105	Phaeophyscia pusilloides	(Zahlbr.)Essl.
106	Phaeophyscia rubropulchra	(Degel.)Moberg.
107	Physcia adscendens	(Fr.)H.Oliv.
108	Physcia aipolia	(Ehrh.)Hampe
109	Physcia americana	Merr.
110	Physcia millegrana	Degel.
111	Physcia stellaris	(L.)Nyl.
112	Physcia subtilis	Degel.
113	Physciella chloantha	Ach.
114	Physciella melanchra	(Hue)Essl.
115	Physconia detersa	(Nyl.)Poelt.
116	Placynthium nigrum	(Huds.)S.F.Gray
117	Psora decipiens	(Ach.)Hoffm.
118	Psora pseudorussellii	Timdal.
119	Punctelia bolliana	(Mull.Arg.)Krog.
120	Punctelia rudecta	(Nyl.)Krog.
121	Punctelia subrudecta	(Nyl.)Krog.
122	Pyrenocollema prospersella	(Nyl.)R.C.Harris
123	Pyrenula farrea	(Ach.)Branth&Rostr.
124	Ramalina americana	Hale
125	Rhizoplaca subdiscrepans	(Nyl.)R.Sant.
126	Rinodina bischoffii	(Hepp.)Mass.
127	Rinodina dakotensis	Magn.
128	Rinodina exigua	(Ach.)Gray
129	Rinodina magnussonii	Sheard
130	Rinodina milliaria	Tuck.
131	Rinodina oxydata	(Massal.)Massal.
132	Rinodina pachysperma	Magn.
133	Rinodina papillata	Magn.
134	Rinodina subminuta	Magn.
135	Sarcogyne regularis	Koerb.
136	Sarcogyne simplex	(Dav.)Nyl.
137	Scoliciosporum umbrinum	(Ach.)Arn.
138	Staurthele diffractella	(Nyl.)Tuck.
139	Thelidium pyrenophorum	(Ach.)Mudd.
140	Trapeliopsis granulosa	(Hoffm.)Lumbsch.
141	Usnea strigosa	(Ach.)Eaton
142	Verrucaria calciseda	Lam.&DC.
143	Verrucaria calkinsiana	Serv.
144	Verrucaria fuscella	(Turn.)Tuck.
145	Verrucaria muralis	Ach.
146	Verrucaria nigrescens	Pers.
147	Verrucaria nigrescentoides	Fink

SPECIES BY NATURAL DIVISION

148	Verrucaria virens	Nyl.
149	Verrucaria viridula	(Schrad.)Ach.
150	Xanthoparmelia spp.	
151	Xanthoria candelaris	(L.)Th.Fr.
152	Xanthoria fallax	(Hepp.)Arn.
153	Xanthoria polycarpa	(Ehrh.)Rieber

SPECIES BY NATURAL DIVISION

Grand Prairie Division
Grand Prairie Section

	SPECIES	AUTHOR
1	Arthonia caesia	(Flot.)Koerb.
2	Buellia punctata	(Hoffm.)Mass.
3	Caloplaca feracissima	Magn.
4	Candelaria concolor	(Dicks.)B.Stein.
5	Endocarpon pusillum	Hedw.
6	Flavopuncelia soredica	(Nyl.)Hale
7	Hyperphyscia adglutinata	(Floerk.)Mayrh.
8	Lecanora dispersa	(Pers.)Somm.
9	Parmelia sulcata	Tayl.
10	Physcia aipolia	(Ehrh.)Hampe
11	Physcia millegrana	Degel.
12	Physcia stellaris	(L.)Nyl.
13	Physciella chloantha	(Ach.)Essl.
14	Rinodina milliaria	Tuck.
15	Verrucaria calkinsiana	Serv.
16	Verrucaria muralis	Ach.
17	Xanthoria fallax	(Hepp.)Arn.

SPECIES BY NATURAL DIVISION

Grand Prairie Division
Green River Lowland Section

	SPECIES	AUTHOR
1	Caloplaca arenaria	(Pers.)Muell.
2	Caloplaca feracissima	Magn.
3	Cyphelium tigillare	(Ach.)Ach.
4	Endocarpon pusillum	Hedw.
5	Lecanora dispersa	(Pers.)Somm.
6	Trapeliopsis granulosa	(Hoffm.)Lumbsch.
7	Verrucaria calkinsiana	Serv.
8	Xanthoria elegans	(Link.)Th.Fr.

SPECIES BY NATURAL DIVISION

Upper Mississippi River Bottomlands Division
Mississippi River Section

	SPECIES	AUTHOR
1	Candelaria concolor	(Dicks.)B.Stein
2	Lecanora dispersa	(Pers.)Somm.
3	Phaeophyscia pusilloides	(Zahlbr.)Essl.
4	Physcia millegrana	Degel.
5	Physcia stellaris	(L.)Nyl.

SPECIES BY NATURAL DIVISION

Mississippi River Sand Area Division
Mississippi River Section

	SPECIES	AUTHOR
1	Arthonia caesia	(Flot.)Korb.
2	Arthonia rupicola	Fink
3	Bacidia inundata	(Fr.)Korb.
4	Buellia polyspora	(Will.)Vain.
5	Buellia punctata	(Hoffm.)Massal.
6	Caloplaca cinnabarina	(Ach.)Zahlbr.
7	Caloplaca feracissima	Magn.
8	Caloplaca microphyllina	(Tuck.)Hasse
9	Caloplace microphyllina	(Tuck.)Hasse
10	Candelaria concolor	(Dicks.)B.Stein.
11	Candelariella efflorescens	R.C.Harris
12	Candelariella xanthostigma	(Ach.)Lett.
13	Cladina rangiferina	(L.)Nyl.
14	Cladina subtenuis	(des.Abb.)Hale&Culb.
15	Cladonia bacillaris	Nyl.
16	Cladonia cariosa	(Ach.)Spreng.
17	Cladonia chlorophaea	(Floerke)Spreng.
18	Cladonia cristatella	Tuck.
19	Cladonia cryptochlorophaea	Asah.
20	Cladonia gracilis	(L.)Willd.
21	Cladonia grayi	G.K.Merr.
22	Cladonia peziziformis	(With.)Laund.
23	Cladonia polycarpoides	Nyl.
24	Cladonia rei	Schaerer
25	Cladonia spp.	
26	Diploschistes scruposus	(Schreber)Nyl.
27	Endocarpon pusillum	Hedw.
28	Flavoparmelia caperata	(L.)Hale
29	Flavopuncelia soredica	(Nyl.)Hale
30	Hyperphyscia adglutinata	(Florke)Mayrh.&Poelt.
31	Lecanora dispersa	(Pers.)Somm.
32	Peltigera canina	(L.)Willd.
33	Peltigera didactyla	(With.)Laund.
34	Phaeophyscia cernohorskyi	(Nadv.)Essl.
35	Phaeophyscia ciliata	(Hoffm.)Moberg.
36	Phaeophyscia pusilloides	(Zahlbr.)Essl.
37	Phaeophyscia rubropulchra	(Degel.)Moberg.
38	Physcia aipolia	(Ehrh.)Hampe
39	Physcia millegrana	Degel.
40	Physcia stellaris	(L.)Nyl.
41	Physciella chloantha	(Ach.)Essl.
42	Physconia detersa	(Nyl.)Poelt.
43	Punctelia bolliana	(Muelll.Arg.)Krog.
44	Punctelia rudecta	(Ach.)Krog.
45	Pyxine caesiopruinosa	(Nyl.)Imsh.

SPECIES BY NATURAL DIVISION

46	Rinodina dakotensis	Magn.
47	Rinodina milliaria	Tuck.
48	Verrucaria calkinsiana	Serv.
49	Verrucaria nigrescens	Pers.
50	Xanthoria fallax	(Hepp.)Arn.