

F493-026

**LICHEN FLORA OF THE ILLINOIS  
MISSISSIPPI RIVERS CONFLUENCE REGION**  
by Michael D. Jones

## LICHEN FREQUENCY

Frequency numbers are shown as follows:

SPECIES NAME                      28/5

The first number indicates the number of sites visited, the second number represents the number of sites at which the species was found. If the lichen has a specific substrata or habitat requirement, such as limestone, sandstone, or sandy soil, it is shown as:

SPECIES NAME                      28/5/7 SS

The third number "7" shows the number of sites at which the substrata or habitat are found. The letters "SS" indicate the type of substrata and are as follows:

C = Calcareous bedrock exposure  
 SS = Sandstone bedrock exposure  
 S = Sandy soil

1. <i>Acarospora veronensis</i>	28/1/13 C
2. <i>Anisomeridium nyssaegenum</i>	28/3
3. <i>Arthonia caesia</i>	28/15
4. <i>Aspicilia contorta</i>	28/2/13 C
5. <i>Bacidia granosa</i>	28/5/13 C
6. <i>Bacidia inundata</i>	28/1/13 C
7. <i>Bacidia umbrina</i>	28/1/13 C
8. <i>Buellia polyspora</i>	28/5
9. <i>Buellia punctata</i>	28/1
10. <i>Caloplaca cinnabarina</i>	28/8/13 C
11. <i>Caloplaca cirrochroa</i>	28/1/13 C
12. <i>Caloplaca citrina</i>	28/4/13 C
13. <i>Caloplaca feracissima</i>	28/2/13 C
14. <i>Caloplaca flavorubescens</i>	28/1
15. <i>Caloplaca flavovirescens</i>	28/4/13 C
16. <i>Caloplaca holocarpa</i>	28/6/13 C
17. <i>Caloplaca microphyllina</i>	28/3
18. <i>Caloplaca schaeferi</i>	28/3/13 C
19. <i>Caloplaca trachyphylla</i>	28/3/13 C
20. <i>Caloplaca ulmorum</i>	28/2
21. <i>Caloplaca variabilis</i>	28/1/13 C
22. <i>Candelaria concolor</i>	28/22
23. <i>Candelaria efflorescens</i>	28/11
24. <i>Candelaria vitellina</i>	28/1/2 S
25. <i>Candelaria xanthostigma</i>	28/12
26. <i>Catapyrenium lachneum</i>	28/5
27. <i>Chrysothrix candelaris</i>	28/2
28. <i>Cladina subtenuis</i>	28/3/5 SS
29. <i>Cladonia apodocarpa</i>	28/1/5 SS
30. <i>Cladonia bacillaris</i>	28/3
31. <i>Cladonia chlorophaea</i>	28/2
32. <i>Cladonia coniocraea</i>	28/1
33. <i>Cladonia cristatella</i>	28/4

34. <i>Cladonia cryptochlorophaea</i>	28/2	
35. <i>Cladonia cylindrica</i>	28/2/5	SS
36. <i>Cladonia furcata</i>	28/2	
37. <i>Cladonia grayi</i>	28/4	
38. <i>Cladonia incrassata</i>	28/1	
39. <i>Cladonia ochrochlora</i>	28/1	
40. <i>Cladonia peziziformis</i>	28/6	
41. <i>Cladonia piedmontensis</i>	28/2/5	SS
42. <i>Cladonia polycarpoides</i>	28/5	
43. <i>Cladonia ramulosa</i>	28/4	
44. <i>Cladonia rei</i>	28/1	
45. <i>Cladonia symphycarpa</i>		
46. <i>Collema tuniforme</i>	28/1/13	C
47. <i>Dermatocarpon miniatum</i>	28/12/13	C
48. <i>Diploschistes scruposus</i>	28/1/2	S
49. <i>Endocarpon pusillum</i>	28/3/13	C
50. <i>Flavoparmelia baltimorensis</i>	28/1/2	S
51. <i>Flavoparmelia caperata</i>	28/14	
52. <i>Gonohymenia cribellifera</i>	28/3/13	C
53. <i>Graphis scripta</i>	28/9	
54. <i>Heppia lutosa</i>	28/3	
55. <i>Heterodermia speciosa</i>	28/2	
56. <i>Hyperphyscia adglutinata</i>	28/12	
57. <i>Hyperphyscia syncolla</i>	28/5	
58. <i>Lecania perproxima</i>	28/3/13	C
59. <i>Lecanora dispersa</i>	28/4/13	C
60. <i>Lecanora hagenii</i>	28/2	
61. <i>Lecanora muralis</i>	28/4	
62. <i>Lecanora rupicola</i>	28/2/13	C
63. <i>Lecanora strobilina</i>	28/5	
64. <i>Lecanora symmicta</i>	28/2	
65. <i>Lecanora thysanophora</i>	28/2	
66. <i>Lecanora valesiaca</i>	28/2/13	C
67. <i>Lecanora varia</i>	28/2	
68. <i>Lecidea lurida</i>	28/1	
69. <i>Lepraria finkii</i>	28/12	
70. <i>Lepraria incana</i>	28/6	
71. <i>Lepraria lesdainii</i>	28/4	
72. <i>Lepraria neglecta</i>	28/3	
73. <i>Leptogium apalachense</i>	28/1/13	C
74. <i>Leptogium cyanescens</i>	28/1/13	C
75. <i>Leptogium dactylinum</i>	28/5/13	C
76. <i>Leptogium lichenoides</i>	28/1/13	C
77. <i>Micarea melaena</i>	28/1	
78. <i>Opegrapha varia</i>	28/2	
79. <i>Parmelia sulcata</i>	28/1	
80. <i>Parmelina aurulenta</i>	28/12	
81. <i>Parmelina galbina</i>	28/2	
82. <i>Parmotrema hypotropum</i>	28/5	
83. <i>Parmotrema perforatum</i>	28/1	
84. <i>Parmotrema reticulata</i>	28/10	
85. <i>Peltigera elisabethae</i>	28/1	
86. <i>Peltigera evansiana</i>	28/1	
87. <i>Peltigera praetextata</i>	28/1	

142. <i>Verrucaria nigrescens</i>	28/1/13 C
143. <i>Verrucaria nigrescentoides</i>	28/5/13 C
144. <i>Verrucaria sordida</i>	28/1/13 C
145. <i>Verrucaria sphinctrina</i>	28/4/13 C
146. <i>Xanthoparmelia cumberlandia</i>	28/1/2 SS
147. <i>Xanthoparmelia mexicana</i>	28/1/2 SS
148. <i>Xanthoria candelaria</i>	28/4
149. <i>Xanthoria elegans</i>	28/2/13 C
150. <i>Xanthoria fallax</i>	28/9
151. <i>Xanthoria lobulata</i>	28/2/13 C

Michael D. Jones

LICHEN SPECIES

SPECIES	AUTHOR	SPECIES	AUTHOR
3. Lecanora rupicola	(L.) Zahlbr.	1. Acarospora veronensis	Massal.
4. Lecanora strobilina	(Sprengel.) Kief.	2. Anisomeridium nyssaegenum	(Ell. & Ev.) R.C. Harris
64. Lecanora symmicta	(Ach.) Ach.	3. Arthonia caesia	(Flot.) Korb.
65. Lecanora thysanophora	R. C. Harris	4. Aspicilia contorta	(Hoffm.) Krempelh.
66. Lecanora valesiaca	(Mull. Arg.) Stizenb.	5. Bacidia granosa	(Tuck.) Zahlbr.
67. Lecanora varia	(Ehrh.) Ach.	6. Bacidia inundata	(Fr.) Korber.
68. Lecidea lurida	Ach.	7. Bacidia umbrina	(Ach.) Branth. & Rostr.
69. Lepraria finkii	(B. de Lesd.) R.C. Harri	8. Buellia polyspora	(Willey) Vainio
70. Lepraria incana	(L.) Ach.	9. Buellia punctata	(Hoffm.) Massal.
71. Lepraria lesdainii	(Hue) R.C. Harris	10. Caloplaca cinnabarina	(Ach.) Zahlbr.
72. Lepraria neglecta	(Nyl.) Lett.	11. Caloplaca cirrochroa	(Ach.) Th. Fr.
73. Leptogium apalachense	Hoffm.	12. Caloplaca citrina	(Hoffm.) Th. Fr.
74. Leptogium cyanescens	(Ach.) Korb.	13. Caloplaca feracissima	Magn.
75. Leptogium dactylinum	Tuck.	14. Caloplaca flavorubescens	(Wulf.) Torret & Sarth.
76. Leptogium lichenoides	(L.) Zahlbr.	15. Caloplaca flavovirescens	(Wulfen) Torret & Sarth.
77. Micarea melaena	(Nyl.) Hedl.	16. Caloplaca holocarpa	(Hoffm.) Wade
78. Opegrapha varia	Pers.	17. Caloplaca microphyllina	(Tuck.) Hasse
79. Parmelina aurulenta	(Tuck.) Hale	18. Caloplaca schaeereri	(Flk.) Zahlbr.
80. Parmelina galbina	(Ach.) Hale	19. Caloplaca trachyphylla	(Tuck.) Zahlbr.
81. Parmotrema hypotropum	(Nyl.) Hale	20. Caloplaca ulmorum	(Fink) Fink
82. Parmotrema perforatum	(Jacq.) Mass.	21. Caloplaca variabilis	(Pers.) Mull. Arg.
83. Parmotrema reticulata	(Tayl.) Hale & Fletcher	22. Candelaria concolor	(Dicks.) B. Stein
84. Peltigera elisabethae	Gyelnik.	23. Candelaria efflorescens	R.C. Harris
85. Peltigera evansiana	Gyel.	24. Candelaria vitellina	(Ehrh.) Muell. Arg.
86. Peltigera praetextata	(Florke) Zopf.	25. Candelaria xanthostigma	(Ach.) Lett.
87. Peltigera rufescens	(Weis) Humb.	26. Catapyrenium lachneum	(Ach.) R. Sant.
88. Pertusaria macounii	(Lamb.) Dibben	27. Chrysothrix candelaris	(L.) Laund.
89. Pertusaria plittiana	Erichsen	28. Cladina subtenuis	(Abb.) Hale & Culb.
90. Pertusaria pustulata	(Ach.) Duby	29. Cladonia apodocarpa	Robb
91. Phaeographina explicans	Fink	30. Cladonia bacillaris	(Ach.) Nyl.
92. Phaeophyscia adiaetola	(Essl.) Essl.	31. Cladonia chlorophaea	(Som.) Spreng.
93. Phaeophyscia cernohorskyi	(Nadv.) Essl.	32. Cladonia coniocraea	(Flk.) Spreng.
94. Phaeophyscia ciliata	(Hoffm.) Moberg.	33. Cladonia cristatella	Tuck.
95. Phaeophyscia hirtella	Essl.	34. Cladonia cryptochlorophaea	Asah.
96. Phaeophyscia imbricata	(Vain.) Essl.	35. Cladonia cylindrica	(A. Evans) A. Evans
97. Phaeophyscia insignis	(Mereschk.) Moberg.	36. Cladonia furcata	(Huds.) Schrad.
98. Phaeophyscia orbicularis	(Neck.) Moberg.	37. Cladonia grayi	G.K. Merr.
99. Phaeophyscia pusilloides	(Zahlbr.) Essl.	38. Cladonia incrassata	Flk.
100. Phaeophyscia rubropulchra	(Degel.) Moberg.	39. Cladonia ochrochlora	(Flk.) Spreng.
101. Physcia aipolia	(Ehrh.) Hampe	40. Cladonia peziziformis	(Michx.) Spreng.
102. Physcia americana	G.K. Merr.	41. Cladonia piedmontensis	G.K. Merr.
103. Physcia millegrana	Degel.	42. Cladonia polycarpoides	Nyl.
104. Physcia stellaris	(L.) Nyl.	43. Cladonia ramulosa	(With.) Laundon.
105. Physcia subtilis	Degel.	44. Cladonia rei	Schaerer
106. Physciella chloantha	(Ach.) Essl.	45. Cladonia symphycarpa	(Ach.) Fr.
107. Physciella melanchra	(Hue) Essl.	46. Collema tuniforme	(Ach.) Ach.
108. Physconia detera	(Nyl.) Poelt.	47. Dermatocarpon miniatum	(L.) Mann.
109. Placynthium nigrum	(Huds.) S.F. Gray	48. Diploschistes scruposus	(Schreb.) Norm.
110. Porina pulla	(Ach.) Mull. Arg.	49. Endocarpon pusillum	Hedw.
111. Porpidia albocaerulescens	(Wulfen) Hertel & Knoph	50. Flavoparmelia baltimorensis	(Gyel. & Foriss) Hale
112. Porpidia macrocarpa	(DC) Hertel & Schwein	51. Flavoparmelia caperata	(L.) Hale
113. Pseudoparmelia texana	(Tuck.) Hale	52. Gonohymenia cribellifera	(Nyl.) Henssen
114. Psora decipiens	(Ach.) Hoffm.	53. Graphis scripta	(L.) Ach.
115. Psora pseudorussellii	Timdal	54. Heppia lutosa	(Ach.) Nyl.
116. Psora russellii	(Ach.) R. Sant.	55. Heterodermia speciosa	(Wulf.) Trev.
117. Psorotichia schaeereri	(Massal.) Arn.	56. Hyperphyscia adglutinata	(Florke) Mayrh. & Poelt.
118. Punctelia bolliana	(Muell. Arg.) Krog.	57. Hyperphyscia syncolla	(Tuck.) Kalb.
119. Punctelia missouriensis	Wilhelm & Ladd	58. Lecania perproxima	(Nyl.) Zahlbr.
120. Punctelia rudecta	(Ach.) Krog.	59. Lecanora dispersa	(Pers.) Somn.
121. Punctelia semansiana	(Culb. & C. Culb.) Krog.	60. Lecanora hagenii	(Ach.) Ach.
122. Pyrenula pseudobufonia	(Rehm.) R.C. Harris	61. Lecanora muralis	(Schreb.) Ach.

## SPECIES BY COUNTY

Adams-

SPECIES	AUTHOR	
1. Anisomeridium nyssaegenum	(Ell.&Ev.)R.C.Harris	60. Rinodina ascociscana Tuck.
2. Arthonia caesia	(Flotow.)Korber	61. Rinodina milliaria Tuck.
3. Bacidia granosa	(Tuck.)Zahlbr.	62. Rinodina papillata Magn.
4. Bacidia inundata	(Fr.)Korber.	63. Verrucaria calciseda DC.
5. Caloplaca flavovirescens	(Wulfen)Torre&Sarnth	64. Verrucaria fuscella (Turn.)Winch
6. Caloplaca holocarpa	(Hoffm.)Wade	65. Verrucaria iowensis Servit
7. Caloplaca microphyllina	(Tuck.)Hasse	66. Verrucaria nigrescentoides Fink
8. Caloplaca schaeereri	(Florke.)Zahlbr.	67. Verrucaria sphinctrina Ach.
9. Caloplaca ulmorum	(Fink)Fink	68. Xanthoria candelaria (L.)Th.Fr.
10. Candelaria concolor	(Dicks.)B.Stein	69. Xanthoria fallax (Hepp.)Arn.
11. Candelaria efflorescens	R.C.Harris	
12. Candelaria xanthostigma	(Ach.)Lett.	
13. Chrysothrix candelaris	(L.)Laundon	
14. Cladina subtenuis	(Abb.)Hale&Culb.	
15. Cladonia cristatella	Tuck.	
16. Cladonia cryptochlorophaea	Asah.	
17. Cladonia grayi	Sandst.	
18. Cladonia peziziformis	(With.)Laundon.	
19. Cladonia piedmontensis	G.K.Merr.	
20. Cladonia ramulosa	(With.)Laund.	
21. Cladonia symphycharpa	(Ach.)Fr.	
22. Dermatocarpon minutum	(L.)Mann.	
23. Flavoparmelia caperata	(L.)Hale	
24. Graphis scripta	(L.)Ach.	
25. Hyperphyscia adglutinata	(Florke.)Mayrh.&Poelt	
26. Hyperphyscia syncolla	(Tuck.)Kalb.	
27. Lecanora strobilina	(Sprengel.)Kieffer	
28. Lecanora symmicta	(Ach.)Ach.	
29. Lepraria finkii	(B.deLesd.)R.C.Harris	
30. Lepraria lesdainii	(Hue)R.C.Harris	
31. Lepraria neglecta	(Nyl.)Lett.	
32. Leptogium dactylinum	Tuck.	
33. Opegrapha varia	Pers.	
34. Parmelina aurulenta	(Tuck.)Hale	
35. Parmelina galbina	(Ach.)Hale	
36. Parmotrema hypotropum	(Nyl.)Hale	
37. Parmotrema reticulata	(Tayl.)Choisy	
38. Peltigera rufescens	(Weis)Humb.	
39. Pertusaria macounii	(Lamb.)Dibben	
40. Pertusaria pustulata	(Ach.)Duby	
41. Phaeophyscia cernohorskyi	(Nadv.)Essl.	
42. Phaeophyscia ciliata	(Hoffm.)Moberg.	
43. Phaeophyscia hirtella	Essl.	
44. Phaeophyscia insignis	(Mereschk.)Moberg.	
45. Phaeophyscia orbicularis	(Neck.)Moberg.	
46. Phaeophyscia pusilloides	(Zahlbr.)Essl.	
47. Phaeophyscia rubropulchra	(Degel.)Moberg.	
48. Physcia americana	Merr.	
49. Physcia millegrana	Degel.	
50. Physcia stellaris	(L.)Nyl.	
51. Physciella chloantha	(Ach.)Essl.	
52. Physconia detera	(Nyl.)Poelt.	
53. Placynthium nigrum	(Huds.)S.F.Gray	
Psorotichia schaeereri	(Massal.)Arn.	
Punctelia bolliana	(Mull.Arg.)Krog.	
56. Punctelia missouriensis	Wilhelm & Ladd	
57. Punctelia rudecta	(Ach.)Krog.	
58. Pyxine soreliata	(Ach.)Mont.	
59. Pyxine subcinerea	Stirton	

## SPECIES BY COUNTY

## Calhoun

SPECIES	AUTHOR	
1. Arthonia caesia	(Flot.) Korb.	
2. Aspicilia contorta	(Hoffm.) Krempeloh.	
3. Bacidia umbrina	(Ach.) Branth. & Rostr.	
4. Buellia polyspora	(Willey) Vainio	
5. Caloplaca cinnabarina	(Ach.) Zahlbr.	
6. Caloplaca cirrochroa	(Ach.) Th. Fr.	
7. Caloplaca citrina	(Hoffm.) Th. Fr.	
8. Caloplaca feracissima	Magn.	
9. Caloplaca holocarpa	(Hoffm.) Wade	
10. Candelaria concolor	(Dicks.) B. Stein	
11. Candelaria efflorescens	R. C. Harris	
12. Candelaria xanthostigma	R. C. Harris	
13. Catapyrenium lachneum	(Ach.) R. Sant.	
14. Cladonia bacillaris	Nyl.	
15. Cladonia chlorophaea	(Somm.) Spreng.	
16. Cladonia furcata	(Huds.) Schrad.	
17. Cladonia peziziformis	(With.) Laundon.	
18. Cladonia polycarpoides	Nyl.	
19. Cladonia ramulosa	(With.) Laundon	
20. Dermatocarpon minutum	(L.) Mann	
21. Endocarpon pusillum	Hedw.	
22. Flavoparmelia caperata	(L.) Hale	
23. Gonohymenia cribellifera	(Ach.) Ach.	
24. Graphis scripta	(L.) Ach.	
25. Heppia lutosa	(Ach.) Nyl.	
26. Hyperphyscia adglutinata	(Florke.) Mayrh. & Poelt	
27. Lecania perproxima	(Nyl.) Zahlbr.	
28. Lecanora dispersa	(Pers.) Somm.	
29. Lecanora hagenii	(Ach.) Ach.	
30. Lecanora muralis	(Schreb.) Ach.	
31. Lecanora valesiaca	(Schreb.) Ach.	
32. Lepraria finkii	(B. de Lesd.) R. C. Harris	
33. Lepraria incana	(L.) Ach.	
34. Lepraria lesdainii	(Hue) R. C. Harris	
35. Leptogium apalachense	Hoffm.	
36. Leptogium lichenoides	(L.) Zahlbr.	
37. Parmelina aurulenta	(Tuck.) Hale	
38. Parmotrema hypotropum	(Nyl.) Hale	
39. Peltigera rufescens	(L.) Willd.	
40. Pertusaria plittiana	Erichsen	
41. Phaeophyscia adiastrata	(Essl.) Essl.	
42. Phaeophyscia cernohorskyi	(Nadv.) Essl.	
43. Phaeophyscia ciliata	(Hoffm.) Moberg.	
44. Phaeophyscia imbricata	(Vain.) Essl.	
45. Phaeophyscia insignis	(Mereschk.) Moberg.	
46. Phaeophyscia orbicularis	(Neck.) Moberg.	
47. Phaeophyscia pusilloides	(Zahlbr.) Essl.	
48. Phaeophyscia rubropulchra	(Degel.) Moberg.	
49. Physcia aipolia	(Ehrh.) Hampe	
50. Physcia americana	G. K. Merr.	
51. Physcia millegrana	Degel.	
52. Physcia stellaris	(L.) Nyl.	
53. Physcia subtilis	Degel.	
54. Physciella chloantha	(Ach.) Essl.	
55. Physconia detera	(Nyl.) Poelt.	
56. Placynthium nigrum	(Huds.) S. F. Gray	
57. Psora decipiens	(Ach.) Hoffm.	
58. Psora pseudorussellii		Timdal.
59. Psorotichia schaeereri		(Massal.) Arn.
60. Punctelia bolliana		(Muell. Arg.) Krog.
61. Punctelia missouriensis		Wilhelm & Ladd
62. Punctelia rudecta		(Ach.) Krog.
63. Pyxine subcinerea		(Nyl.) Imsh.
64. Rinodina bischoffii		(Hepp.) Massal.
65. Rinodina occidentalis		Lynge
66. Rinodina ochrocea		Willey
67. Rinodina papillata		Magn.
68. Sarcogyne privigaris		(Ach.) Massal.
69. Sarcogyne regularis		Korber
70. Thyrea polyglossa		(Ach.) Ach.
71. Verrucaria calciseda		DC.
72. Verrucaria fuscella		(Turn.) Winch.
73. Verrucaria iowensis		Servit.
74. Verrucaria nigrescentoides		Fink
75. Verrucaria sphinctrina		Ach.
76. Xanthoparmelia cumberlandia		(Gyel.) Hale
77. Xanthoparmelia mexicana		(Gyel.) Hale
78. Xanthoria candelaria		(L.) Th. Fr.
79. Xanthoria fallax		(Hepp.) Arn.
80. Xanthoria lobulata		(Florke) B. de Lesd.

## SPECIES BY COUNTY

## SPECIES BY COUNTY

## Jersey

## Madison

SPECIES	AUTHOR	SPECIES	AUTHOR
1. Acarospora veronensis	Massal.	1. Arthonia caesia	(Flotow.)Korber
2. Bacidia granosa	(Tuck.)Zahlbr.	2. Bacidia granosa	(Tuck.)Zahlbr.
3. Buellia polyspora	(Th.Fr.)Korber	3. Caloplaca cinnabarina	(Ach.)Zahlbr.
4. Caloplaca cinnabarina	(Ach.)Zahlbr.	4. Candelaria concolor	(Dicks.)B.Stein
5. Caloplaca citrina	(Hoffm.)Th.Fr.	5. Dermatocarpon miniatum	(L.)Mann.
6. Caloplaca flavovirescens	(Wulfen)Torre&Sarnth	6. Hyperphyscia adglutinata	(Flotow.)Mayrh.&Poelt
7. Caloplaca holocarpa	(Hoffm.)Wade	7. Hyperphyscia syncolla	(Tuck.)Kalb.
8. Caloplaca schaeferi	(Flk.)Zahlbr.	8. Lecanora hagenii	(Ach.)Ach.
9. Caloplaca trachyphylla	(Tuck.)Zahlbr.	9. Lecanora thysanophora	R. C. Harris
10. Caloplaca ulmorum	(Fink)Fink	10. Lepraria finkii	(B.deLesd.)R.C.Harris
11. Caloplaca variabilis	(Pers.)Mull.Arg.	11. Leptogium dactylinum	Tuck.
12. Candelaria concolor	(Dicks.)B.Stein	12. Parmelina aurulenta	(Tuck.)Hale
13. Candelaria efflorescens	R.C.Harris	13. Parmotrema hypotropum	(Nyl.)Hale
14. Catapyrenium lachneum	(Ach.)R.Sant.	14. Parmotrema reticulata	(Tayl.)Choisy
15. Cladonia cylindrica	(A.Evans)A.Evans	15. Phaeophyscia cernohorskyi	(Nadv.)Essl.
16. Cladonia incrassata	Flk.	16. Phaeophyscia ciliata	(Hoffm.)Moberg.
17. Cladonia ramulosa	(With.)Laundon.	17. Phaeophyscia pusilloides	(Zahlbr.)Essl.
18. Dermatocarpon miniatum	(L.)Mann.	18. Phaeophyscia rubropulchra	(Degel.)Moberg.
19. Endocarpon pusillum	Hedw.	19. Physcia americana	G.K.Merr.
20. Flavoparmelia caperata	(L.)Hale	20. Physcia millegrana	Degel.
21. Gonohymenia cribellifera	(Lett.)Henssen	21. Physcia stellaris	(Ehrh.)Hampe
22. Graphis scripta	(L.)Ach.	22. Physciella chloantha	(Ach.)Essl.
23. Hyperphyscia adglutinata	(Flk.)Mayrh.&Poelt.	23. Punctelia rudecta	(Ach.)Krog.
24. Lecanora muralis	(Schreb.)Ach.	24. Pyxine subcinerea	Stirton
25. Lecanora rupicola	(L.)Zahlbr.	25. Rinodina milliaria	Tuck.
26. Lecanora valesiaca	(Mull.Arg.)Stizenb.	26. Staurothele diffractella	(Nyl.)Tuck.
27. Lecidea lurida	Ach.	27. Xanthoria fallax	(Hepp.)Arn.
28. Lepraria finkii	(B.deLesd.)R.C.Harris		
29. Leptogium cyanescens	(Ach.)Korb.		
30. Leptogium dactylinum	Tuck.		
31. Parmelina aurulenta	(Tuck.)Hale		
32. Parmelina galbina	(Ach.)Hale		
33. Parmotrema reticulata	(Tayl.)Choisy		
34. Phaeophyscia adiastrata	(Essl.)Essl.		
35. Phaeophyscia orbicularis	(Zahlbr.)Essl.		
36. Phaeophyscia rubropulchra	(Degel.)Moberg.		
37. Physcia americana	G.K.Merr.		
38. Physcia millegrana	Degel.		
39. Physcia stellaris	(L.)Nyl.		
40. Physciella chloantha	Ach.		
41. Physconia detersa	(Nyl.)Poelt.		
42. Placynthium nigrum	(Huds.)S.Gray		
43. Psora decipiens	(Ach.)Hoffm.		
44. Psora pseudorussellii	Timdal.		
45. Punctelia rudecta	(Ach.)Krog.		
46. Pyxine subcinerea	(Nyl.)Imsh.		
47. Staurothele diffractella	(Nyl.)Tuck.		
48. Verrucaria calciseda	DC.		
49. Verrucaria iowensis	Servit.		
50. Verrucaria muralis	Ach.		
51. Verrucaria sordida	Fink		
52. Verrucaria sphinctrina	Ach.		
53. Xanthoria elegans	(Link.)Th.Fr.		
54. Xanthoria fallax	(Hepp.)Arn.		

## SPECIES BY COUNTY

## SPECIES BY COUNTY

## Sangamon

## Schuyler

SPECIES	AUTHOR	SPECIES	AUTHOR
1. Arthonia caesia	(Flot.)Korb.	1. Arthonia caesia	(Flot.)Korb.
2. Bacidia granosa	(Tuck.)Zahlbr.	2. Bacidia granosa	(Tuck.)Zahlbr.
3. Caloplaca citrina	(Hoffm.)Th.Fr.	3. Caloplaca flavovirescens	(Wulfen)Torre&Sarntl
4. Candelaria concolor	(Dicks.)B.Stein	4. Caloplaca holocarpa	(Hoffm.)Wade
5. Cladina subtenuis	(Abb.)Hale&Culb.	5. Caloplaca schaeereri	(Flk.)Zahlbr.
6. Cladonia bacillaris	(Ach.)Nyl.	6. Candelaria concolor	(Dicks.)B.Stein
7. Cladonia cristatella	Tuck.	7. Candelaria efflorescens	R.C.Harris
8. Cladonia grayi	G.K.Merr	8. Candelaria vitellina	(Ehrh.)Muell.Arg.
9. Cladonia piedmontensis	G.K.Merr	9. Chrysothrix candelaris	(L.)Laund.
10. Cladonia polycarpoides	Nyl.	10. Cladonia apodocarpa	Robb
11. Dermatocarpon miniatum	(L.)Mann.	11. Cladonia bacillaris	(Ach.)Nyl.
12. Flavoparmelia caperata	(L.)Hale	12. Cladonia coniocraea	(Flk.)Spreng.
13. Hyperphyscia adglutinata	(Florke)Mayrh.&Poelt.	13. Cladonia cylindrica	(A.Evans)A.Evans
14. Lecania perproxima	(Nyl.)Zahlbr.	14. Cladonia furcata	(Huds.)Schrad.
15. Lecanora dispersa	(Pers.)Somm.	15. Cladonia grayi	G.K.Merr.
16. Lepraria finkii	(B. deLesd.)R.C.Harri	16. Cladonia ochrochlora	(Flk.)Spreng.
17. Lepraria incana	(L.)Ach.	17. Cladonia peziziformis	(With.)Laundon
18. Parmelina aurulenta	(Tuck.)Hale	18. Cladonia polycarpoides	Nyl.
19. Parmotrema hypotropum	(Nyl.)Hale	19. Cladonia ramulosa	(With.)Laund.
20. Parmotrema reticulata	(Tayl.)Hale&Fletcher	20. Dermatocarpon miniatum	(L.)Mann.
21. Phaeophyscia orbicularis	(Neck.)Moberg.	21. Diploschistes scruposus	(Schreb.)Norm.
22. Phaeophyscia pusilloides	(Zahlbr.)Essl.	22. Flavoparmelia baltimorensis	(Gyel.&Foriss)Hale
23. Phaeophyscia rubropulchra	(Degel.)Moberg.	23. Flavoparmelia caperata	(L.)Hale
24. Physcia millegrana	Degel.	24. Graphis scripta	(L.)Ach.
25. Physcia stellaris	(L.)Nyl.	25. Heterodermia speciosa	(Wulf.)Trev.
26. Punctelia rudecta	(Ach.)Krog.	26. Hyperphyscia syncolla	(Tuck.)Kalb.
27. Verrucaria nigrescentoides	Fink	27. Lecanora dispersa	(Pers.)Sommerf.
		28. Lecanora strobilina	(Sprengel)Kieffer
		29. Lepraria incana	(L.)Ach.
		30. Leptogium dactylinum	Tuck.
		31. Parmotrema perforatum	(Jacq.)Mass.
		32. Parmotrema reticulata	(Tayl.)Choisy
		33. Peltigera evansiana	Gyel.
		34. Peltigera praetextata	(Florke)Zopf.
		35. Peltigera rufescens	(Weis)Humb.
		36. Phaeophyscia adiaetola	(Essl.)Essl.
		37. Phaeophyscia cernohorskyi	(Nadv.)Essl.
		38. Phaeophyscia rubropulchra	(Degel.)Moberg.
		39. Physcia americana	G.K.Merr.
		40. Physcia millegrana	Degel.
		41. Physcia stellaris	(L.)Nyl.
		42. Physconia detersa	(Nyl.)Poelt.
		43. Porina pulla	(Ach.)Mull.Arg.
		44. Porpidia albocaerulescens	(Wulfen)Hertel&Knoph
		45. Porpidia macrocarpa	(DC)Hertel&Schwein
		46. Pseudoparmelia texana	(Tuck.)Hale
		47. Punctelia bolliana	(Meull.Arg.)Krog.
		48. Punctelia rudecta	(Ach.)Krog.
		49. Pyxine sorediata	(Ach.)Mont.
		50. Verrucaria iowensis	Servit.
		51. Verrucaria nigrescens	Pers.
		52. Verrucaria nigrescentoides	Fink
		53. Verrucaria sphinctrina	Ach.

## SPECIES BY NATURAL DIVISION

12a Lower Mississippi Bottomland Division  
Northern Section

SPECIES	AUTHOR
1. Arthonia caesia	(Flotow.)Korber
2. Candelaria concolor	(Dicks.)B. Stein.
3. Hyperphyscia adglutinata	(Flotow.)Mayrh.&Poelt
4. Hyperphyscia syncolla	(Tuck.)Kalb.
5. Lecanora hagenii	(Ach.)Ach.
6. Lecanora thysanophora	R. C. Harris
7. Parmelina aurulenta	(Tuck.)Hale
8. Parmotrema hypotropum	(Nyl.)Hale
9. Parmotrema reticulata	(Tayl.)Choisy
10. Phaeophyscia cernohorskyi	(Nadv.)Essl.
11. Phaeophyscia ciliata	(Hoffm.)Moberg.
12. Phaeophyscia pusilloides	(Zahlbr.)Essl.
13. Phaeophyscia rubropulchra	(Degel.)Moberg.
14. Physcia americana	G.K.Merr.
15. Physcia millegrana	Degel.
16. Physcia stellaris	(L.)Nyl.
17. Physciella chloantha	(Ach.)Essl.
18. Punctelia rudecta	(Ach.)Krog.
19. Pyxine subcinerea	Stirton
20. Rinodina milliaria	Tuck.
21. Xanthoria fallax	(Hepp.)Arn.

Grand Prairie Division  
Springfield Section

SPECIES	AUTHOR
1. Arthonia caesia	(Flot.)Korb.
2. Bacidia granosa	(Tuck.)Zahlbr.
3. Caloplaca citrina	(Hoffm.)Th.Fr.
4. Caloplaca flavorubescens	(Wulf.)Torre&Sarnth.
5. Candelaria concolor	(Dicks.)B.Stein
6. Candelaria efflorescens	R.C.Harris
7. Cladina subtenuis	(Abb.)Hale&Culb.
8. Cladonia bacillaris	(Ach.)Nyl.
9. Cladonia cristatella	Tuck.
10. Cladonia cryptochlorophaea	Asah.
11. Cladonia grayi	G.K.Merr
12. Cladonia peziziformis	(Michx.)Spreng.
13. Cladonia piedmontensis	G.K.Merr
14. Cladonia polycarpoides	Nyl.
15. Dermatocarpon miniatum	(L.)Mann.
16. Flavoparmelia caperata	(L.)Hale
17. Hyperphyscia adglutinata	(Florke)Mayrh.&Poelt.
18. Lecania perproxima	(Nyl.)Zahlbr.
19. Lecanora dispersa	(Pers.)Somm.
20. Lecanora strobilina	(Sprengel.)Kief.
21. Lepraria finkii	(B. deLesd.)R.C.Harr:
22. Lepraria incana	(L.)Ach.
23. Parmelina aurulenta	(Tuck.)Hale
24. Parmotrema hypotropum	(Nyl.)Hale
25. Parmotrema reticulata	(Tayl.)Hale&Fletcher
26. Phaeophyscia cernohorskyi	(Nadv.)Essl.
27. Phaeophyscia ciliata	(Hoffm.)Moberg.

## SPECIES BY NATURAL DIVISION

28. Phaeophyscia orbicularis	(Neck.)Moberg:
29. Phaeophyscia pusilloides	(Zahlbr.)Essl.
30. Phaeophyscia rubropulchra	(Degel.)Moberg.
31. Physcia aipolia	(Ehrh.)Hampe
32. Physcia americana	G.K.Merr.
33. Physcia millegrana	Degel.
34. Physcia stellaris	(L.)Nyl.
35. Physciella chloantha	(Ach.)Essl.
36. Physconia detersa	(Nyl.)Poelt.
37. Punctelia rudecta	(Ach.)Krog.
38. Punctelia semansiana	(Culb.&C.Culb.)Krog.
39. Pyxine subcinerea	Stirton
40. Verrucaria nigrescentoides	Fink
41. Xanthoria candelaria	(L.)Th.Fr.
42. Xanthoria fallax	(Hepp.)Arn.

6a Illinois River Area Division  
Illinois River Section

SPECIES	AUTHOR
1. Cladina subtenuis	(Abb.)Hale&Culb.
2. Cladonia chlorophaea	(Flk.)Spreng.
3. Cladonia cristatella	Tuck.
4. Cladonia grayi	G.K.Merr.
5. Cladonia peziziformis	(Michx.)Spreng.
6. Cladonia polycarpoides	Nyl.
7. Cladonia rei	Schaerer

7a Western Forest-Prairie Division  
Galesburg Section

SPECIES	AUTHOR
1. Anisomeridium nyssaegenum	(Ell.&Ev.)R.C.Harris
2. Arthonia caesia	(Flot.)Korb.
3. Bacidia granosa	(Tuck.)Zahlbr.
4. Buellia polyspora	(Willey)Vainio
5. Caloplaca flavovirescens	(Wulfen)Torre&Sarnth
6. Caloplaca holocarpa	(Hoffm.)Wade
7. Caloplaca schaeereri	(Flk.)Zahlbr.
8. Caloplaca ulmorum	(Fink)Fink
9. Candelaria concolor	(Dicks.)B.Stein
10. Candelaria efflorescens	R.C.Harris
11. Candelaria vitellina	(Ehrh.)Muell.Arg.
12. Candelaria xanthostigma	(Ach.)Lett.
13. Chrysothrix candelaris	(L.)Laund.
14. Cladina subtenuis	(Abb.)Hale&Culb.
15. Cladonia apodocarpa	Robb
16. Cladonia bacillaris	(Ach.)Nyl.
17. Cladonia coniocraea	(Flk.)Spreng.
18. Cladonia cristatella	Tuck.
19. Cladonia cryptochlorophaea	Asah.
20. Cladonia cylindrica	(A.Evans)A.Evans
21. Cladonia furcata	(Huds.)Schrad.
22. Cladonia grayi	Sandst.
23. Cladonia ochrochlora	(Flk.)Spreng.
24. Cladonia peziziformis	(With.)Laundon
25. Cladonia piedmontensis	G.K.Merr.

## SPECIES BY AREA

## SPECIES BY AREA

## Beyler Cemetery Savanna N. P. Area

SPECIES	AUTHOR
1. Arthonia caesia	(Flotow.)Korber
2. Caloplaca microphyllina	(Tuck.)Hasse
3. Candelaria concolor	(Dicks.)B.Stein.
4. Candelaria xanthostigma	(Ach.)Lett.
5. Flavoparmelia caperata	(L.)Hale
6. Graphis scripta	(L.)Ach.
7. Hyperphyscia adglutinata	(Florke.)Mayrh.&Poelt
8. Hyperphyscia syncolla	(Tuck.)Nyl.
9. Lecanora strobilina	(Sprengel.)Kief.
10. Lepraria finkii	(B.deLesd.)R.C.Harris
11. Lepraria neglecta	(Nyl.)Lett.
12. Parmelina aurulenta	(Tuck.)Hale
13. Parmotrema reticulata	(Tayl.)Choisy
14. Phaeophyscia cernohorskyi	(Nadv.)Essl.
15. Phaeophyscia ciliata	(Hoffm.)Moberg.
16. Phaeophyscia orbicularis	(Neck.)Moberg.
17. Phaeophyscia pusilloides	(Zahlbr.)Essl.
18. Phaeophyscia rubropulchra	(Degel.)Moberg.
19. Physcia americana	G.K.Merr.
20. Physcia millegrana	Degel.
21. Physcia stellaris	(L.)Nyl.
22. Physciella chloantha	(Ach.)Essl.
23. Punctelia bolliana	(Mull.Arg.)Krog.
24. Punctelia missouriensis	Wilhelm & Ladd
25. Punctelia rudecta	(Ach.)Krog.
26. Pyxine subcinerea	Stirton
27. Rinodina milliaria	Tuck.
28. Rinodina papillata	Magn.
29. Xanthoria fallax	(Hepp.)Arn.

## Bluff Road roadside

SPECIES	AUTHOR
1. Arthonia caesia	(Flotow.)Korber
2. Caloplaca microphyllina	(Tuck.)Hasse
3. Candelaria concolor	(Dicks.)B.Stein.
4. Candelaria efflorescens	R.C.Harris
5. Candelaria xanthostigma	(Ach.)Lett.
6. Flavoparmelia caperata	(L.)Hale
7. Lepraria neglecta	(Nyl.)Lett.
8. Parmelina aurulenta	(Tuck.)Hale
9. Parmotrema hypotropum	(Nyl.)Hale
10. Parmotrema reticulata	(Tayl.)Choisy
11. Phaeophyscia pusilloides	(Zahlbr.)Essl.
12. Phaeophyscia rubropulchra	(Degel.)Moberg.
13. Physcia millegrana	Degel.
14. Punctelia bolliana	(Mull.Arg.)Krog.
15. Punctelia rudecta	(Ach.)Krog.
16. Pyxine sorediata	(Ach.)Mont.
17. Pyxine subcinerea	Stirton
18. Trapeliopsis flexuosa	(Fr.)Coppins&P.James

## Bluffs Town Park

SPECIES	AUTHOR
1. Anisomeridium nyssaegenum	(Ell.&Ev.)R.C.Harris
2. Candelaria concolor	(Dicks.)B.Stein.
3. Hyperphyscia adglutinata	(Florke.)Mayrh.&Poelt
4. Lepraria finkii	(B.deLesd.)R.C.Harris
5. Phaeophyscia cernohorskyi	(Nadv.)Essl.
6. Phaeophyscia pusilloides	(Zahlbr.)Essl.
7. Physcia millegrana	Degel.
8. Physcia stellaris	(L.)Nyl.
9. Physciella chloantha	(Ach.)Essl.
10. Punctelia rudecta	(Ach.)Krog.
11. Xanthoria fallax	(Hepp.)Arn.

## Burton Cave Nature Preserve

SPECIES	AUTHOR
1. Arthonia caesia	(Flotow.)Korber
2. Bacidia inundata	(Fr.)Korber.
3. Caloplaca holocarpa	(Hoffm.)Wade
4. Caloplaca schaeereri	(Florke.)Zahlbr.
5. Candelaria concolor	(Dicks.)B.Stein.
6. Candelaria xanthostigma	(Ach.)Lett.
7. Chrysothrix candelaris	(L.)Laundon
8. Cladonia peziziformis	(With.)Laundon
9. Dermatocarpon miniatum	(L.)Mann.
10. Flavoparmelia caperata	(L.)Hale
11. Graphis scripta	(L.)Nyl.
12. Lecanora symmicta	(Ach.)Ach.
13. Lepraria finkii	(B.deLesd.)R.C.Harris
14. Lepraria lesdainii	(Hue)R.C.Harris
15. Lepraria neglecta	(Nyl.)Lett.
16. Leptogium dactylinum	Tuck.
17. Parmelina aurulenta	(Tuck.)Hale
18. Pertusaria macounii	(Lamb.)Dibben
19. Phaeophyscia cernohorskyi	(Nadv.)Essl.
20. Phaeophyscia ciliata	(Hoffm.)Moberg.
21. Phaeophyscia pusilloides	(Zahlbr.)Essl.
22. Phaeophyscia rubropulchra	(Degel.)Moberg.
23. Physcia americana	G.K.Merr.
24. Physcia millegrana	Degel.
25. Physciella chloantha	(Ach.)Essl.
26. Placynthium nigrum	(Huds.)S.F.Gray
27. Psorotichia schaeereri	(Massal.)Arn.
28. Punctelia rudecta	(Ach.)Krog.
29. Pyxine subcinerea	Stirton
30. Verrucaria calciseda	DC.
31. Verrucaria nigrescentoides	Fink

## Cap Au Gris

SPECIES	AUTHOR
1. Arthonia caesia	(Flotow.)Korb.
2. Caloplaca cinnabarina	(Ach.)Zahlbr.
3. Caloplaca holocarpa	(Hoffm.)Wade
4. Candelaria concolor	(Dicks.)B.Stein

## SPECIES BY NATURAL DIVISION

18. Chrysothrix candelaris	(L.) Laundon
19. Cladonia subtenuis	(des Abb.) Hale & W. Culb
20. Cladonia incrassata	Flk.
21. Cladonia peziziformis	(With.) Laundon
22. Cladonia ramulosa	(With.) Laundon.
23. Cladonia symphycarpa	(Ach.) Fr.
24. Collema tuniforme	(Ach.) Ach.
25. Dermatocarpon miniatum	(L.) Mann.
26. Flavoparmelia caperata	(L.) Hale
27. Gonohymenia cribellifera	(Nyl.) Henssen
28. Graphis scripta	(L.) Ach.
29. Heppia lutosa	(Ach.) Nyl.
30. Hyperphyscia adglutinata	(Florke.) Mayrh. & Poelt
31. Hyperphyscia syncolla	(Tuck.) Nyl.
32. Lecanora muralis	(Schreb.) Ach.
33. Lecanora rupicola	(L.) Zahlbr.
34. Lecanora strobilina	(Spreng.) Kieffer
35. Lecanora symmicta	(Ach.) Ach.
36. Lecanora valesiaca	(Mull. Arg.) Stizenb.
37. Lepraria finkii	(B. de Lesd.) R. C. Harris
38. Lepraria lesdainii	(Hue) R. C. Harris
39. Lepraria neglecta	(Nyl.) Lett.
40. Leptogium dactylinum	Tuck.
41. Parmelina aurulenta	(Tuck.) Hale
42. Parmotrema reticulata	(Tayl.) Choisy
43. Pertusaria macounii	(Lamb.) Dibben
44. Phaeophyscia adiastrata	(Essl.) Essl.
45. Phaeophyscia cernohorskyi	(Nadv.) Essl.
46. Phaeophyscia ciliata	(Hoffm.) Moberg.
47. Phaeophyscia orbicularis	(Neck.) Moberg.
48. Phaeophyscia pusilloides	(Zahlbr.) Essl.
49. Phaeophyscia rubropulchra	(Degel.) Moberg.
50. Physcia aipolia	(Ehrh.) Hampe
51. Physcia americana	Merr.
52. Physcia millegrana	Degel.
53. Physcia stellaris	(L.) Nyl.
54. Physcia subtilis	Degel.
55. Physciella chloantha	Ach.
56. Physconia deterosa	(Nyl.) Poelt.
57. Placynthium nigrum	(Huds.) S. F. Gray
58. Psora pseudorussellii	Timdal
59. Psora russellii	(Ach.) R. Sant.
60. Psorotichia schaeereri	(Massal.) Arn.
61. Punctelia bolliana	(Muell. Arg.) Krog.
62. Punctelia missouriensis	Wilhelm & Ladd
63. Punctelia rudenta	(Ach.) Krog.
64. Pyxine subcinerea	Stirton
65. Rinodina ascociscana	Tuck.
66. Rinodina bischoffii	(Hepp.) Massal.
67. Rinodina milliaria	Tuck.
68. Rinodina papillata	Magn.
69. Staurothele diffractella	(Nyl.) Tuck.
70. Verrucaria calciseda	DC.
71. Verrucaria iowensis	Servit.
72. Verrucaria muralis	Ach.
73. Verrucaria nigrescentoides	Fink
74. Verrucaria sordida	Fink
75. Verrucaria sphinctrina	Ach.
76. Xanthoria fallax	(Hepp.) Arn.
77. Xanthoria lobulata	(Florke.) B. de Lesd.

## SPECIES BY NATURAL DIVISION

8b Middle Mississippi Border Division  
Driftless Section

SPECIES	AUTHOR
1. Anisomeridium nyssaegenum	(Ell. & Ev.) R. C. Harris
2. Arthonia caesia	(Flot.) Korb.
3. Aspicilia contorta	(Hoffm.) Krempelh.
4. Bacidia granosa	(Tuck.) Zahlbr.
5. Bacidia umbrina	(Ach.) Branth. & Rostr.
6. Buellia polyspora	(Th. Fr.) Korber
7. Buellia punctata	(Hoffm.) Massal.
8. Caloplaca cinnabarina	(Ach.) Zahlbr.
9. Caloplaca cirrochroa	(Ach.) Th. Fr.
10. Caloplaca citrina	(Hoffm.) Th. Fr.
11. Caloplaca feracissima	Magn.
12. Caloplaca flavovirescens	(Wulfen) Torre & Sarnt
13. Caloplaca holocarpa	(Hoffm.) Wade
14. Caloplaca microphyllina	(Tuck.) Hasse
15. Caloplaca schaeereri	(Flk.) Zahlbr.
16. Caloplaca trachyphylla	(Tuck.) Zahlbr.
17. Caloplaca ulmorum	(Fink) Fink
18. Caloplaca variabilis	(Pers.) Mull. Arg.
19. Candelaria concolor	(Dicks.) B. Stein
20. Candelaria efflorescens	R. C. Harris
21. Candelaria xanthostigma	R. C. Harris
22. Catapyrenium lachneum	(Ach.) R. Sant.
23. Cladonia bacillaris	Nyl.
24. Cladonia chlorophaea	(Somm.) Spreng.
25. Cladonia cylindrica	(A. Evans) A. Evans
26. Cladonia furcata	(Huds.) Schrad.
27. Cladonia peziziformis	(With.) Laundon.
28. Cladonia polycarpoides	Nyl.
29. Cladonia ramulosa	(With.) Laundon
30. Dermatocarpon miniatum	(L.) Mann.
31. Endocarpon pusillum	Hedw.
32. Flavoparmelia caperata	(L.) Hale
33. Gonohymenia cribellifera	(Lett.) Henssen
34. Graphis scripta	(L.) Ach.
35. Heppia lutosa	(Ach.) Nyl.
36. Heterodermia speciosa	(Wulf.) Trev.
37. Hyperphyscia adglutinata	(Flk.) Mayrh. & Poelt.
38. Hyperphyscia syncolla	(Tuck.) Kalb.
39. Lecania perproxima	(Nyl.) Zahlbr.
40. Lecanora dispersa	(Pers.) Somm.
41. Lecanora hagenii	(Ach.) Ach.
42. Lecanora muralis	(Schreb.) Ach.
43. Lecanora rupicola	(L.) Zahlbr.
44. Lecanora thysanophora	Harris
45. Lecanora valesiaca	(Schreb.) Ach.
46. Lecanora varia	(Ehrh.) Ach.
47. Lecidea lurida	Ach.
48. Lepraria finkii	(B. de Lesd.) R. C. Harris
49. Lepraria incana	(L.) Ach.
50. Lepraria lesdainii	(Hue) R. C. Harris
51. Leptogium apalachense	Hoffm.
52. Leptogium cyanescens	(Ach.) Korb.
53. Leptogium dactylinum	Tuck.
54. Leptogium lichenoides	(L.) Zahlbr.
55. Opegrapha varia	Pers.
56. Parmelina aurulenta	(Tuck.) Hale

## SPECIES BY AREA

5. *Physcia millegrana* Degel.  
 6. *Physcia stellaris* (L.) Nyl.  
 7. *Punctelia rudecta* (Ach.) Krog.

## Grubb Hollow Prairie

- | SPECIES                               | AUTHOR             |
|---------------------------------------|--------------------|
| 1. <i>Caloplaca flavovirescens</i>    | (Ach.) Zahlbr.     |
| 2. <i>Candelaria concolor</i>         | (Dicks.) B. Stein. |
| 3. <i>Candelaria xanthostigma</i>     | (Ach.) Lett.       |
| 4. <i>Dermatocarpon miniatum</i>      | (L.) Mann.         |
| 5. <i>Gonohymenia cribellifera</i>    | (Nyl.) Henssen     |
| 6. <i>Leptogium dactylinum</i>        | Tuck.              |
| 7. <i>Phaeophyscia ciliata</i>        | (Hoffm.) Moberg.   |
| 8. <i>Physcia millegrana</i>          | Degel.             |
| 9. <i>Physcia stellaris</i>           | (L.) Nyl.          |
| 10. <i>Physciella chloantha</i>       | Ach.               |
| 11. <i>Placynthium nigrum</i>         | (Huds.) S. F. Gray |
| 12. <i>Punctelia rudecta</i>          | (Ach.) Krog.       |
| 13. <i>Rinodina papillata</i>         | Magn.              |
| 14. <i>Staurothele diffractella</i>   | (Nyl.) Tuck.       |
| 15. <i>Verrucaria muralis</i>         | Ach.               |
| 16. <i>Verrucaria nigrescentoides</i> | Fink               |

## Hagener Township Sand Ridge

- | SPECIES                          | AUTHOR              |
|----------------------------------|---------------------|
| 1. <i>Cladina cristatella</i>    | Tuck.               |
| 2. <i>Cladina polycarpoides</i>  | Nyl.                |
| 3. <i>Cladina subtenuis</i>      | (Abb.) Hale & Culb. |
| 4. <i>Cladonia chlorophaea</i>   | (Flk.) Spreng.      |
| 5. <i>Cladonia cristatella</i>   | Tuck.               |
| 6. <i>Cladonia grayi</i>         | G. K. Merr.         |
| 7. <i>Cladonia peziziformis</i>  | (Michx.) Spreng.    |
| 8. <i>Cladonia polycarpoides</i> | Nyl.                |
| 9. <i>Cladonia rei</i>           | Schaerer            |

## Horseshoe Lake State Park

- | SPECIES                              | AUTHOR                   |
|--------------------------------------|--------------------------|
| 1. <i>Arthonia caesia</i>            | (Flotow.) Korber         |
| 2. <i>Candelaria concolor</i>        | (Dicks.) B. Stein.       |
| 3. <i>Hyperphyscia adglutinata</i>   | (Flotow.) Mayrh. & Poelt |
| 4. <i>Hyperphyscia syncolla</i>      | (Tuck.) Kalb.            |
| 5. <i>Lecanora hagenii</i>           | (Ach.) Ach.              |
| 6. <i>Lecanora thysanophora</i>      | R. C. Harris             |
| 7. <i>Parmelina aurulenta</i>        | (Tuck.) Hale             |
| 8. <i>Parmotrema hypotropum</i>      | (Nyl.) Hale              |
| 9. <i>Parmotrema reticulata</i>      | (Tayl.) Choisy           |
| 10. <i>Phaeophyscia cernohorskyi</i> | (Nadv.) Essl.            |
| 11. <i>Phaeophyscia ciliata</i>      | (Hoffm.) Moberg.         |
| 12. <i>Phaeophyscia pusilloides</i>  | (Zahlbr.) Essl.          |
| 13. <i>Phaeophyscia rubropulchra</i> | (Degel.) Moberg.         |
| 14. <i>Physcia americana</i>         | G. K. Merr.              |
| 15. <i>Physcia millegrana</i>        | Degel.                   |
| 16. <i>Physcia stellaris</i>         | (L.) Nyl.                |
| 17. <i>Physciella chloantha</i>      | (Ach.) Essl.             |

## SPECIES BY AREA

18. *Punctelia rudecta* (Ach.) Krog.  
 19. *Pyxine subcinerea* Stirton  
 20. *Rinodina milliaria* Tuck.  
 21. *Xanthoria fallax* (Hepp.) Arn.

## Lake Pittsfield

- | SPECIES                              | AUTHOR                     |
|--------------------------------------|----------------------------|
| 1. <i>Anisomeridium nyssaegenum</i>  | (Ell. & Ev.) R. C. Harris  |
| 2. <i>Arthonia caesia</i>            | (Flotow.) Korber           |
| 3. <i>Buellia punctata</i>           | (Hoffm.) Massal.           |
| 4. <i>Caloplaca microphyllina</i>    | (Tuck.) Hasse              |
| 5. <i>Candelaria concolor</i>        | (Dicks.) B. Stein.         |
| 6. <i>Candelaria efflorescens</i>    | R. C. Harris               |
| 7. <i>Candelaria xanthostigma</i>    | (Ach.) Lett.               |
| 8. <i>Flavoparmelia caperata</i>     | (L.) Hale                  |
| 9. <i>Graphis scripta</i>            | (L.) Ach.                  |
| 10. <i>Heterodermia speciosa</i>     | (Wulf.) Trev.              |
| 11. <i>Hyperphyscia adglutinata</i>  | (Flotow.) Mayrh. & Poe     |
| 12. <i>Hyperphyscia syncolla</i>     | (Tuck.) Kalb.              |
| 13. <i>Lecanora thysanophora</i>     | Harris                     |
| 14. <i>Lecanora varia</i>            | (Ehrh.) Ach.               |
| 15. <i>Lepraria finkii</i>           | (B. de Lesd.) R. C. Harris |
| 16. <i>Lepraria incana</i>           | (L.) Ach.                  |
| 17. <i>Opegrapha varia</i>           | Pers.                      |
| 18. <i>Parmelina aurulenta</i>       | (Tuck.) Hale               |
| 19. <i>Parmotrema reticulata</i>     | (Tayl.) Choisy             |
| 20. <i>Pertusaria macounii</i>       | (Lamb.) Dibben             |
| 21. <i>Phaeophyscia cernohorskyi</i> | (Nadv.) Essl.              |
| 22. <i>Phaeophyscia insignis</i>     | (Mereschk.) Moberg.        |
| 23. <i>Phaeophyscia rubropulchra</i> | (Degel.) Moberg.           |
| 24. <i>Physcia americana</i>         | G. K. Merr.                |
| 25. <i>Physcia millegrana</i>        | Degel.                     |
| 26. <i>Physcia stellaris</i>         | (L.) Nyl.                  |
| 27. <i>Physciella chloantha</i>      | (Ach.) Essl.               |
| 28. <i>Physciella melanchra</i>      | (Hue) Essl.                |
| 29. <i>Physconia detersa</i>         | (Nyl.) Poelt.              |
| 30. <i>Punctelia bolliana</i>        | (Mull. Arg.) Krog.         |
| 31. <i>Punctelia missouriensis</i>   | Wilhelm & Ladd             |
| 32. <i>Punctelia rudecta</i>         | (Ach.) Krog.               |
| 33. <i>Pyrenula pseudobufonia</i>    | (Rehm.) R. C. Harris       |
| 34. <i>Pyxine soreliata</i>          | (Ach.) Mont.               |
| 35. <i>Pyxine subcinerea</i>         | Stirton                    |
| 36. <i>Rinodina papillata</i>        | Magn.                      |
| 37. <i>Xanthoria candelaria</i>      | (L.) Th. Fr.               |
| 38. <i>Xanthoria fallax</i>          | (Hepp.) Arn.               |

## Lead Hollow Glade

- | SPECIES                           | AUTHOR             |
|-----------------------------------|--------------------|
| 1. <i>Arthonia caesia</i>         | (Flotow.) Korber   |
| 2. <i>Aspicilia contorta</i>      | (Hoffm.) Krempelh. |
| 3. <i>Buellia polyspora</i>       | (Willey) Vainio    |
| 4. <i>Caloplaca cinnabarina</i>   | (Ach.) Zahlbr.     |
| 5. <i>Caloplaca citrina</i>       | (Hoffm.) Th. Fr.   |
| 6. <i>Caloplaca feracissima</i>   | Magn.              |
| 7. <i>Candelaria concolor</i>     | (Dicks.) B. Stein  |
| 8. <i>Candelaria efflorescens</i> | R. C. Harris       |
| 9. <i>Candelaria xanthostigma</i> | (Ach.) Lett.       |

## SPECIES BY AREA

14.	<i>Phaeophyscia pusilloides</i>	(Zahlbr.) Essl.
15.	<i>Phaeophyscia rubropulchra</i>	(Degel.) Moberg.
16.	<i>Physcia aipolia</i>	(Ehrh.) Hampe
17.	<i>Physcia americana</i>	G.K.Merr.
18.	<i>Physcia millegrana</i>	Degel.
19.	<i>Physcia stellaris</i>	(L.) Nyl.
20.	<i>Physconia detersa</i>	(Nyl.) Poelt.
21.	<i>Punctelia rudecta</i>	(Ach.) Krog.
22.	<i>Punctelia semansiana</i>	(Culb. & C.Culb.) Krog.
23.	<i>Pyxine subcinerea</i>	Stirton
24.	<i>Xanthoria candelaria</i>	(L.) Th.Fr.
25.	<i>Xanthoria fallax</i>	(Hepp.) Arn.

## Pere Marquette State Park

SPECIES	AUTHOR
1. <i>Bacidia granosa</i>	(Tuck.) Zahlbr.
2. <i>Buellia polyspora</i>	(Th.Fr.) Korber
3. <i>Caloplaca cinnabarina</i>	(Ach.) Zahlbr.
4. <i>Caloplaca citrina</i>	(Hoffm.) Th.Fr.
5. <i>Caloplaca flavovirescens</i>	(Wulfen) Torre & Sarnth
6. <i>Caloplaca holocarpa</i>	(Hoffm.) Wade
7. <i>Caloplaca schaeereri</i>	(Flk.) Zahlbr.
8. <i>Caloplaca trachyphylla</i>	(Tuck.) Zahlbr.
9. <i>Caloplaca ulmorum</i>	(Fink) Fink
10. <i>Caloplaca variabilis</i>	(Pers.) Mull. Arg.
11. <i>Candelaria concolor</i>	(Dicks.) B.Stein
12. <i>Candelaria efflorescens</i>	R.C.Harris
13. <i>Catapyrenium lachneum</i>	(Ach.) R.Sant.
14. <i>Cladonia cylindrica</i>	(A.Evans) A.Evans
15. <i>Dermatocarpon minutum</i>	(L.) Mann.
16. <i>Endocarpon pusillum</i>	Hedw.
17. <i>Flavoparmelia caperata</i>	(L.) Hale
18. <i>Gonohymenia cribellifera</i>	(Lett.) Henssen
19. <i>Graphis scripta</i>	(L.) Ach.
20. <i>Hyperphyscia adglutinata</i>	(Flk.) Mayrh. & Poelt.
21. <i>Lecanora rupicola</i>	(L.) Zahlbr.
22. <i>Lecidea lurida</i>	Ach.
23. <i>Lepraria finkii</i>	(B.deLesd.) R.C.Harri
24. <i>Leptogium cyanescens</i>	(Ach.) Korb.
25. <i>Leptogium dactylium</i>	Tuck.
26. <i>Parmelina aurulenta</i>	(Tuck.) Hale
27. <i>Parmelina galbina</i>	(Ach.) Hale
28. <i>Parmotrema reticulata</i>	(Tayl.) Choisy
29. <i>Phaeophyscia adiaetola</i>	(Essl.) Essl.
30. <i>Phaeophyscia orbicularis</i>	(Zahlbr.) Essl.
31. <i>Phaeophyscia rubropulchra</i>	(Degel.) Moberg.
32. <i>Physcia americana</i>	G.K.Merr.
33. <i>Physcia millegrana</i>	Degel.
34. <i>Physcia stellaris</i>	(L.) Nyl.
35. <i>Physciella chloantha</i>	Ach.
36. <i>Physconia detersa</i>	(Nyl.) Poelt.
37. <i>Placynthium nigrum</i>	(Huds.) S.Gray
38. <i>Psora decipiens</i>	(Ach.) Hoffm.
39. <i>Psora pseudorussellii</i>	Timdal.
40. <i>Punctelia rudecta</i>	(Ach.) Krog.
41. <i>Pyxine subcinerea</i>	(Nyl.) Imsh.
42. <i>Verrucaria calciseda</i>	DC.
43. <i>Verrucaria iowensis</i>	Servit.
44. <i>Verrucaria muralis</i>	Ach.
45. <i>Xanthoria elegans</i>	(Link.) Th.Fr.

## SPECIES BY AREA

46.	<i>Xanthoria fallax</i>	(Hepp.) Arn.
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## Pilot Knob Hill Prairie

SPECIES	AUTHOR
1. <i>Arthonia caesia</i>	(Flot.) Korber.
2. <i>Aspicillia contorta</i>	(Hoffm.) Krempelh.
3. <i>Buellia polyspora</i>	(Willey) Vainio
4. <i>Caloplaca cinnabarina</i>	(Ach.) Zahlbr.
5. <i>Caloplaca trachyphylla</i>	(Tuck.) Zahlbr.
6. <i>Candelaria concolor</i>	(Dicks.) B.Stein.
7. <i>Candelaria efflorescens</i>	R.C.Harris
8. <i>Candelaria xanthostigma</i>	(Ach.) Lett.
9. <i>Collema tuniforme</i>	(Ach.) Ach.
10. <i>Flavoparmelia caperata</i>	(L.) Hale
11. <i>Graphis scripta</i>	(L.) Ach.
12. <i>Lecanora muralis</i>	(Schreb.) Ach.
13. <i>Lecanora strobilina</i>	(Spreng.) Kieffer
14. <i>Phaeophyscia cernohorskyi</i>	(Nadv.) Essl.
15. <i>Phaeophyscia rubropulchra</i>	(Degel.) Moberg.
16. <i>Physcia americana</i>	Merr.
17. <i>Physcia millegrana</i>	Degel.
18. <i>Physcia stellaris</i>	(L.) Nyl.
19. <i>Physcia subtilis</i>	Degel.
20. <i>Physciella chloantha</i>	Ach.
21. <i>Psora pseudorussellii</i>	Timdal
22. <i>Punctelia bolliana</i>	(Muell. Arg.) Krog.
23. <i>Punctelia rudecta</i>	(Ach.) Krog.
24. <i>Pyxine subcinerea</i>	Stirton
25. <i>Rinodina ascociscana</i>	Tuck.
26. <i>Rinodina bischoffii</i>	(Hepp.) Massal.
27. <i>Verrucaria muralis</i>	Ach.
28. <i>Xanthoria lobulata</i>	(Florke.) B.deLesd.

## Riverside Park

SPECIES	AUTHOR
1. <i>Arthonia caesia</i>	(Flot.) Korb.
2. <i>Cladina grayi</i>	G.K.Merr
3. <i>Cladina polycarpoides</i>	Nyl.
4. <i>Cladina subtenuis</i>	(Abb.) Hale & Culb.
5. <i>Cladonia cristatella</i>	Tuck.
6. <i>Cladonia grayi</i>	G.K.Merr
7. <i>Cladonia piedmontensis</i>	G.K.Merr
8. <i>Cladonia polycarpoides</i>	Nyl.
9. <i>Physcia stellaris</i>	(L.) Nyl.

## Road 1600 Prairie

SPECIES	AUTHOR
1. <i>Cladina subtenuis</i>	(des Abb.) Hale & W.Culb
2. <i>Cladonia symphyrcarpa</i>	(Ach.) Fr.

## SPECIES BY AREA

## SPECIES BY AREA

17. Phaeophyscia pusilloides	(Zahlbr.) Essl.
18. Physcia millegrana	Degel.
19. Physcia stellaris	(L.) Nyl.
20. Physconia detersa	(Nyl.) Poelt.
21. Placynthium nigrum	(Huds.) S.F. Gray
22. Psora decipiens	(Ach.) Hoffm.
23. Sarcogyne privigna	(Ach.) Massal.
24. Sarcogyne regularis	Korber
25. Verrucaria calciseda	DC.
26. Verrucaria nigrescentoides	Fink

48. Punctelia bolliana	(Meull. Arg.) Krog.
49. Punctelia rudecta	(Ach.) Krog.
50. Pyxine sorediata	(Ach.) Mont.
51. Verrucaria iowensis	Servit.
52. Verrucaria nigrescens	Pers.
53. Verrucaria nigrescentoides	Fink
54. Verrucaria sphinctrina	Ach.

## Weinburg-King State Park

SPECIES	AUTHOR
1. Arthonia caesia	(Flot.) Korb.
2. Bacidia granosa	(Tuck.) Zahlbr.
3. Caloplaca flavovirescens	(Wulfen) Torre & Saroth
4. Caloplaca holocarpa	(Hoffm.) Wade
5. Caloplaca schaeereri	(Flk.) Zahlbr.
6. Candelaria concolor	(Dicks.) B. Stein
7. Candelaria efflorescens	R. C. Harris
8. Candelaria vitellina	(Ehrh.) Muell. Arg.
9. Chrysothrix candelaris	(L.) Laund.
10. Cladina furcata	(Huds.) Schrad.
11. Cladonia apodocarpa	Robb
12. Cladonia bacillaris	(Ach.) Nyl.
13. Cladonia coniocraea	(Flk.) Spreng.
14. Cladonia cylindrica	(A. Evans) A. Evans
15. Cladonia furcata	(Huds.) Schrad.
16. Cladonia grayi	G. K. Merr.
17. Cladonia ochrochlora	(Flk.) Spreng.
18. Cladonia peziziformis	(With.) Laundon
19. Cladonia polycarpoides	Nyl.
20. Cladonia ramulosa	(With.) Laund.
21. Dermatocarpon miniatum	(L.) Mann.
22. Diploschistes scruposus	(Schreb.) Norm.
23. Flavoparmelia baltimorensis	(Gyell. & Foriss) Hale
24. Flavoparmelia caperata	(L.) Hale
25. Graphis scripta	(L.) Ach.
26. Heterodermia speciosa	(Wulf.) Trev.
27. Hyperphyscia syncolla	(Tuck.) Kalb.
28. Lecanora dispersa	(Pers.) Sommerf.
29. Lecanora strobilina	(Sprengel) Kieffer
30. Lepraria incana	(L.) Ach.
31. Leptogium dactylinum	Tuck.
32. Parmotrema perforatum	(Jacq.) Mass.
33. Parmotrema reticulata	(Tayl.) Choisy
34. Peltigera evansiana	Gyell.
35. Peltigera praetextata	(Florke) Zopf.
36. Peltigera rufescens	(Weis) Humb.
37. Phaeophyscia adiaastola	(Essl.) Essl.
38. Phaeophyscia cernohorskyi	(Nadv.) Essl.
39. Phaeophyscia rubropulchra	(Degel.) Moberg.
40. Physcia americana	G. K. Merr.
41. Physcia millegrana	Degel.
42. Physcia stellaris	(L.) Nyl.
43. Physconia detersa	(Nyl.) Poelt.
44. Porina pulla	(Ach.) Muell. Arg.
45. Porpidia albocaulerulescens	(Wulfen) Hertel & Knoph
46. Porpidia macrocarpa	(DC) Hertel & Schwein
47. Pseudoparmelia texana	(Tuck.) Hale