

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. Acarospora veronensis     | 28/1/13 C |
| 2. Anisomeridium nyssaegenum | 28/3      |
| 3. Arthonia caesia           | 28/15     |
| 4. Aspicilia contorta        | 28/2/13 C |
| 5. Bacidia granosa           | 28/5/13 C |
| 6. Bacidia inundata          | 28/1/13 C |
| 7. Bacidia umbrina           | 28/1/13 C |
| 8. Buellia polyspora         | 28/5      |
| 9. Buellia punctata          | 28/1      |
| 10. Caloplaca cinnabarina    | 28/8/13 C |
| 11. Caloplaca cirrochroa     | 28/1/13 C |
| 12. Caloplaca citrina        | 28/4/13 C |
| 13. Caloplaca feracissima    | 28/2/13 C |
| 14. Caloplaca flavorubescens | 28/1      |
| 15. Caloplaca flavovirescens | 28/4/13 C |
| 16. Caloplaca holocarpa      | 28/6/13 C |
| 17. Caloplaca microphyllina  | 28/3      |
| 18. Caloplaca schaeeri       | 28/3/13 C |
| 19. Caloplaca trachyphylla   | 28/3/13 C |
| 20. Caloplaca ulmorum        | 28/2      |
| 21. Caloplaca variabilis     | 28/1/13 C |
| 22. Candelaria concolor      | 28/22     |
| 23. Candelaria efflorescens  | 28/11     |
| 24. Candelaria vitellina     | 28/1/2 S  |
| 25. Candelaria xanthostigma  | 28/12     |
| 26. Catapyrenium lachneum    | 28/5      |
| 27. Chrysothrix candelaris   | 28/2      |
| 28. Cladina subtenuis        | 28/3/5 SS |
| 29. Cladonia apodocarpa      | 28/1/5 SS |
| 30. Cladonia bacillaris      | 28/3      |
| 31. Cladonia chlorophaea     | 28/2      |
| 32. Cladonia coniocraea      | 28/1      |
| 33. Cladonia cristatella     | 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 schaereri         | (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 schaereri     | (Massal.) Arn.           | 56. Hyperphyscia adglutinata    | (Florke) Mayrh. & Poelt. |
| 118. Punctelia bolliana        | (Meull. 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 deterosa         | (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 soredata            | (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 schaererii      |                            | (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

## Jersey

| SPECIES                       | AUTHOR                     |
|-------------------------------|----------------------------|
| 1. Acarospora veronensis      | Massal.                    |
| 2. Bacidia granosa            | (Tuck.) Zahlbr.            |
| 3. Buellia polyspora          | (Th. Fr.) Korber           |
| 4. Caloplaca cinnabarina      | (Ach.) Zahlbr.             |
| 5. Caloplaca citrina          | (Hoffm.) Th. Fr.           |
| 6. Caloplaca flavovirescens   | (Wulfen) Torre & Sarnth    |
| 7. Caloplaca holocarpa        | (Hoffm.) Wade              |
| 8. Caloplaca schaeferi        | (Flk.) Zahlbr.             |
| 9. Caloplaca trachyphylla     | (Tuck.) Zahlbr.            |
| 10. Caloplaca ulmorum         | (Fink) Fink                |
| 11. Caloplaca variabilis      | (Pers.) Mull. Arg.         |
| 12. Candelaria concolor       | (Dicks.) B. Stein          |
| 13. Candelaria efflorescens   | R. C. Harris               |
| 14. Catapyrenium lachneum     | (Ach.) R. Sant.            |
| 15. Cladonia cylindrica       | (A. Evans) A. Evans        |
| 16. Cladonia incrassata       | Flk.                       |
| 17. Cladonia ramulosa         | (With.) Laundon.           |
| 18. Dermatocarpon miniatum    | (L.) Mann.                 |
| 19. Endocarpon pusillum       | Hedw.                      |
| 20. Flavoparmelia caperata    | (L.) Hale                  |
| 21. Gonohymenia cribellifera  | (Lett.) Henssen            |
| 22. Graphis scripta           | (L.) Ach.                  |
| 23. Hyperphyscia adglutinata  | (Flk.) Mayrh. & Poelt.     |
| 24. Lecanora muralis          | (Schreb.) Ach.             |
| 25. Lecanora rupicola         | (L.) Zahlbr.               |
| 26. Lecanora valesiaca        | (Mull. Arg.) Stizenb.      |
| 27. Lecidea lurida            | Ach.                       |
| 28. Lepraria finkii           | (B. de Lesd.) 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

## Madison

| SPECIES                       | AUTHOR                     |
|-------------------------------|----------------------------|
| 1. Arthonia caesia            | (Flotow.) Korber           |
| 2. Bacidia granosa            | (Tuck.) Zahlbr.            |
| 3. Caloplaca cinnabarina      | (Ach.) Zahlbr.             |
| 4. Candelaria concolor        | (Dicks.) B. Stein          |
| 5. Dermatocarpon miniatum     | (L.) Mann.                 |
| 6. Hyperphyscia adglutinata   | (Flotow.) Mayrh. & Poelt.  |
| 7. Hyperphyscia syncolla      | (Tuck.) Kalb.              |
| 8. Lecanora hagenii           | (Ach.) Ach.                |
| 9. Lecanora thysanophora      | R. C. Harris               |
| 10. Lepraria finkii           | (B. de Lesd.) R. C. Harris |
| 11. Leptogium dactylinum      | Tuck.                      |
| 12. Parmelina aurulenta       | (Tuck.) Hale               |
| 13. Parmotrema hypotropum     | (Nyl.) Hale                |
| 14. Parmotrema reticulata     | (Tayl.) Choisy             |
| 15. Phaeophyscia cernohorskyi | (Nadv.) Essl.              |
| 16. Phaeophyscia ciliata      | (Hoffm.) Moberg.           |
| 17. Phaeophyscia pusilloides  | (Zahlbr.) Essl.            |
| 18. Phaeophyscia rubropulchra | (Degel.) Moberg.           |
| 19. Physcia americana         | G. K. Merr.                |
| 20. Physcia millegrana        | Degel.                     |
| 21. Physcia stellaris         | (Ehrh.) Hampe              |
| 22. Physciella chloantha      | (Ach.) Essl.               |
| 23. Punctelia rudecta         | (Ach.) Krog.               |
| 24. Pyxine subcinerea         | Stirton                    |
| 25. Rinodina milliaria        | Tuck.                      |
| 26. Staurothele diffractella  | (Nyl.) Tuck.               |
| 27. 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 soorediata           | (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 schaeferi         | (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 soledata           | (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 symphylicarpa     | (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.) Krepelsh.         |
| 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 & Sarnth    |
| 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. <i>Physcia millegrana</i> | Degel.      |
| 6. <i>Physcia stellaris</i>  | (L.)Nyl.    |
| 7. <i>Punctelia rudecta</i>  | (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. <i>Punctelia rudecta</i>  | (Ach.)Krog. |
| 19. <i>Pyxine subcinerea</i>  | Stirton     |
| 20. <i>Rinodina milliaria</i> | Tuck.       |
| 21. <i>Xanthoria fallax</i>   | (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.deLesd.)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 cribbellifera</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>     | Tindal.                 |
| 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. |
|-----|-------------------------|--------------|

## 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>     | Tindal              |
| 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 symphymparpha</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 soredata            | (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            |