

- POLYGONUM HYDROPIPEROIDES (*Septoria polygonorum*). Montgomery, 1894 (Olive).  
 POLYGONUM MUILLENBERGII (*Septoria polygonorum*). Montgomery, 1894 (Olive).  
 RIBES FLORIDUM (*Ecidium grossulariae*). Montgomery, 1894 (Olive).  
 SOLIDAGO ARGUTA (*Ecidium asterum*). Montgomery, 1894 (Olive).  
 TRIODIA CUPREA (*Puccinia emaculata*). Montgomery, 1894 (Olive).  
 VITIS RIPARIA (*Uncinula necator*). Montgomery, 1894 (Olive).

## APPENDIX C.

## NOTES ON THE SPECIES REPORTED PREVIOUSLY.

- MUTINUS CANINUS (p. 63). The species reported under this name is *M. Ravenelii* B. & C. according to Mr. Morgan.
- PUCCINIA INDUSIATA Dietel & Holway *ined* (p. 54). This species has since been described under the name of *P. nigrovelata* Ellis & Tracy (Bull. Torr. Bot. Club, 22:60, F. 1895), which latter name being the first published will have priority. This is one of the species distributed.
- DOTHIDEELLA ULMI (p. 42) should be *Dothidella ulmea* (Schw.) E. & E.
- RHYTISMA PRUNI (p. 33) is *R. Illicis-Canadensis* S., according to Mr. Ellis. This is correctly named in the distribution.
- THE EXOASCUS (p. 34) reported on *Ostrya Virginica* is *Taphrina Virginica* Sadebeck & Seymour, according to Prot. Atkinson.

## APPENDIX D.

LIST OF PARASITIC FUNGI DISTRIBUTED BY THE INDIANA BIOLOGICAL SURVEY. DECEMBER, 1894. SERIES 1. No. 1—100.

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| 1. <i>Ustilago anomala</i> J. Kuntze.         | 8. <i>Entyloma physalidis</i> (K. and C.) Wint.  |
| 2. <i>Ustilago avenae</i> (P.) Jensen.        |  |
| 3. <i>Ustilago panici-glaucae</i> (Wallr.) W. | 9. <i>Tilletia striiformis</i> (Westd.) Schrt.   |
| 4. <i>Ustilago tritici</i> (P.) Jensen.       |  |
| 5. <i>Ustilago Rabenhorstiana</i> Kuehn.      | 10. <i>Schizonella melanogramma</i> (DC.) Schrt. |
| 6. <i>Ustilago syntherismae</i> (S.) Pk.      |  |
| 7. <i>Ustilago zeae-mays</i> (DC.) Wint.      | 11. <i>Puccinia mutha</i> P.                     |

12. *Puccinia obtecta* Pk.
13. *Puccinia physostegia* P. and C.
14. *Puccinia graminis* P.
15. *Puccinia podophylli* S.
16. *Puccinia xanthii* S.
17. *Puccinia galii* (P.) Wint.
18. *Puccinia viola* (Schum.) DC.
19. *Puccinia interstitialis* (Scht.)  
Trauzs.
20. *Puccinia lobeliv* Ger.
21. *Puccinia convolvuli* (P.) Cast.
22. *Puccinia caricis* (Schum.) Reb.
23. *Puccinia maydis* Carr.
24. *Puccinia tanacetii* DC.
25. *Puccinia Dayi* Clinton.
26. *Puccinia polygoni-amphibii* P.
27. *Puccinia indusiata* Diet. and Hol.
28. *Puccinia cirevæ* P.
29. *Puccinia emaculata* S.
30. *Puccinia vernoniae* S.
31. *Puccinia lateripes* B. and Rav.
32. *Puccinia angustata* Pk.
33. *Puccinia andropogi* S.
34. *Uromyces terbinthi* (DC.) Wint.
35. *Uromyces hedydari-paniculati* (S)  
Farl.
36. *Uromyces Howei* Pk.
37. *Uromyces junci* Tul.
38. *Uromyces trifolii* (A. and S.)  
Wint.
39. *Uromyces lespedeze* (S.) Pk.
40. *Uromyces appendiculata* (P.) Lev.
41. *Uromyces polygoni* (P.) Fekl.
42. *Uromyces hyperici* (S.) Curt.
43. *Uromyces euphorbia* C. and P.
44. *Uromyces amorpha* (Curt.) Schrt.
45. *Gymnosporangium globosum* Farl.
46. *Gymnosporangium macrospora* Link.
47. *Phragmidium fragariae* (DC.)  
Rossm.
48. *Phragmidium subcorticium* (Schr.)  
Wint.
49. *Melampsora salicina* Lev.
50. *Melampsora populina* (Jacq.) Lev.
51. *Cocoma agrimoniv* S.
52. *Uredo iridis* DC.
53. *Uredo polypodii* (P.) DC.
54. *Colosporium sonchi-arcensis* (P.)  
Lev.
55. *Aecidium ranunculi* S.
56. *Aecidium sambuci* S.
57. *Aecidium pustulatum* Curt.
58. *Aecidium grossularia* DC.
59. *Aecidium euphorbiae* S.
60. *Rustelia lacetrata* (Sow.) Fr.
61. *Uncinula parvula* C. & P.
62. *Uncinula salicis* (DC.) Wint.
63. *Uncinula geniculata* Ger.
64. *Uncinula macrospora* Pk.
65. *Uncinula circinata* C. & P.
66. *Uncinula necator* (S.) Burr.
67. *Uncinula flexuosa* Pk.
68. *Uncinula Clintonii* Pk.
69. *Spherotheca castaguri* Lev.
70. *Spherotheca phytophila* K. & S.
71. *Spherotheca humuli* (DC.) Burr.
72. *Erysiphe galopsidis* DC.
73. *Erysiphe communis* (Wallr.) Fr.
74. *Erysiphe triiodendri* S.
75. *Podosphaera biuncinata* C. & P.
76. *Podosphaera oxycantho* (DC.) By.
77. *Microsphaera grossularia* (Wallr.)  
Lev.
78. *Microsphaera erinophila* Pk.
79. *Microsphaera Ravenelii* Berk.
80. *Microsphaera symphoricarpi* Howe.

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|--|---|
| 81. <i>Microspheera Russellii</i> Clinton.     | 92. <i>Cercospora polygonorum</i> Cke.            |
| 82. <i>Microspheera quercina</i> (S.) Burr.    | 93. <i>Septoria cacaliæ</i> E. & K.               |
| 83. <i>Microspheera elevata</i> Burr.          | 94. <i>Septoria serophulariæ</i> Pk.              |
| 84. <i>Microspheera semitosta</i> B. & C.      | 95. <i>Septoria picicola</i> Desm.                |
| 85. <i>Microspheera alni</i> (DC.) Wint.       | 96. <i>Phyllosticta asininæ</i> E. & K.           |
| 86. <i>Rhytisma suffulta</i> (Reb.) Sacc.      | 97. <i>Phyllosticta pavie</i> Desm.               |
| 87. <i>Leptostroma hypophyllum</i> B. & Rav.   | 98. <i>Albugo candidus</i> (P.) Kuntze.           |
| 88. <i>Rhytisma andromedæ</i> (P.) Fr.         | 99. <i>Albugo amaranti</i> (S.) Kuntze.           |
| 89. <i>Rhytisma ilicis-Canadensis</i> S.       | 100. <i>Plasmopara geranii</i> (Pk.) B. &<br>DeT. |
| 90. <i>Rhytisma acerinum</i> (P.) Fr.          |   |
| 91. <i>Cercospora effusa</i> (B. & C.) E. & F. |   |

GREENCASTLE, IND., December 25, 1894.

## FLORA OF HAMILTON AND MARION COUNTIES, INDIANA.

BY GUY WILSON.

This list is only preliminary, several of the families, notably Gramineæ and Cyperaceæ, being very incomplete.

The Salicaceæ have not been very satisfactorily studied.

Plants which are not represented in my Herbarium but can be collected are marked thus: †.

If doubtful if they can be collected, thus: \*.

All Fungi, Musci, Hepaticæ and Lichenes were collected in Hamilton County.

Other names followed by Hamilton County or Marion County were found only in that county. Otherwise they are common to both counties.

GREENCASTLE, IND., May 23, 1895.

### LICHENES.

- Parmelia caperata* (L.) Ach. Common.  
*saxatilis* (L.) Fr. Rock. Common.  
*Ramalina catenaria* (L.) Timber. Common.  
*Sticta amplissima* (Scop.) Mass. Timber. Common.  
*pulmonaria* (L.) Ach. Timber. Common.  
*Usnea barbata* (L.) Fr. Timber. Common.