

- POLYPORUS SCPIXUS Fr. Vermillion, 4, 1893 (Arthur).
 POLYPORUS RAPORARIUS Pers. Putnam, 12, 1894.
 POLYPORUS VULGARIS Fr. Putnam, 10, 1892; 4, 1893.
 TRAMETES SEPIUM Berk. Putnam, 10, 1891; 10, 1893.

AGARICINEÆ.

- CLADOPUS NIDULANS Pers. Putnam, 12, 1894.
 CREPIDOTUS ILFRENS Pk. Putnam, 6, 1893.
 LEPIOTA FRIESII Laseh. Putnam, 10, 1893.
 LEPIOTA RUBROINCTA Pk. Putnam, 10, 1893.
 PLEUROTUS APPLICATUS Batsch. Putnam, 12, 1891.
 PLEUROTUS SAPIDUS Kalkbr. Putnam, 11, 1894.
 STROPHARIA STERCORARIA Fr. Putnam, 10, 1891.
 LENTINUS TIGRINUS Bull. Vigo, 10, 1893.
 LENTINUS VULPINUS Fr. Putnam, 12, 1894.

GASTROMYCETES.

LYCOPERDACEÆ.

- GEASTER MINIMUS S. Monroe, 12, 1894 (R. Norton).
 LYCOPERDON CURTISII Berk. Tippecanoe, 10, 1894 (Arthur).
 LYCOPERDON ECHINATUM P. Vermillion, 8, 1889 (Arthur).

BRYOPHYTA.

RICCIACEÆ.

- RICCIOCARPUS NATANS (L.) Corda. Montgomery, 3, 1895 (Olive).

MARCHANTIACEÆ.

- LUNULARIA CRUCIATA (L.) Dumort. In green houses, Tippecanoe, 3, 1895.

APPENDIX B.

ADDITIONAL LIST OF HOST PLANTS OF FUNGI, 1894.

- CACALIA BENIFORMIS (Septoria cacalie). Montgomery, 1894 (Olive).
 CARDAMINE RHOMBOIDEA (Albugo candida). Montgomery, 1894 (Olive).
 CRATAEGUS CRUS-GALLI (Roestelia laevarata). Montgomery, 1894 (Olive).
 HELIANTHUS STRUMOSUS (Erysiphe cichoracearum). Montgomery, 1894 (Olive).
 LACTUCA SCARIOLA (Septoria lactuce). Montgomery, 1894 (Olive).

- 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. |