

5. *Lindbladia effusa* (Ehr.) A doubtful determination.

6. *Enteridium rozeanum*, Wingate. Aethalia large  $\frac{1}{2}$ -1  $\frac{1}{2}$  inches broad, shining, brown; occasionally common.

7. *Dictydium umbilicatum*, Schraed. A delicate species, 2 mm. high. The thin parts of the wall break away, leaving the spores in a pretty little stalked basket.

**Possessing capillitium—more or less complicated, sometimes very beautiful network that lines the walls of the peridium or traverses its interior—Nos. 8-51.**

**Lacking both columella and lime deposits—Nos. 8-30.**

**Capillitium even, not thickened—Nos. 8, 9.**

8. *Perichaena corticalis*, Batsch. Like half-ripe small mustard seed, under the lens a beautiful species. My specimens are all on black ash bark. Spores yellow.

9. *Perichaena depressa*, Lib. Peridia larger, flatter and more irregular than No. 8.

**Capillitium thickened irregularly—Nos. 10-19.**

10. *Oligonema nitens*, Lib. Shining, crowded, minute sporangia. Not rare.

11. *Oligonema brevifilam*, Peck. Very short elaters.

12. *Lachnobolus* (may be *circinatus*, Schraed). Capillitium springing from the walls of the peridium.

13. *Arcyria punicea*, Pers. Not rare. Conspicuous by its color, often bright red. A small, ovoid sporangium raised on a 2 mm. stipe.

14. *Arcyria cinerea*, Bull. Capillitium rises out of the ruptured peridium as a pale or ashy-yellow network.

15. *Arcyria pomiformis*, Roth. Spinulous capillitium.

16. *Arcyria nutans*, Pers. Cylindric; long yellow plume-like capillitium. Common.

17. *Arcyria incarnata*, Pers. Crowded; capillitium pink.

18. *Lycogala epidendrum*, Buxb. The best known myxo. It emerges from decaying wood in scarlet masses from the size of a pea to a small marble, turning gray-brown as its matures, and finally scattering its spores after the manner of a puff-ball.