

On a decaying musk melon. Car. Inf. No. 3179.

Forming thin black patches; flocci short; spores fusiform, with minute appendage at either end, binucleate, .00057 long, about $\frac{2}{3}$ as much wide.

* **Pilobolus crystallinus.** *Tode.*—On dung. Car. Inf. No. 3024.

* **Morchella esculenta.** *Fr.*—Ohio, Lea. No. 59. Var. **Conica.** *P.* Rhode Island, Olney. No. 1825. Ohio, Lea.

* **Morchella elata.** *Fr.*—New England, Sprague. No. 5385.

* **Gyromitra esculenta.** *Fr.*—Boston, Sprague. No. 5857.

* **Helvella costata.** *Schwein.*—On sand banks. Car. Sup. No. 2247.

Sporidia rough, .001-.0013 long.

* **Helvella lacunosa.** *Afz.*—Car. Inf. 2975.

* **Helvella atra.** *König.*—About rotten trunks. Car. Inf. Ravenel.

* **Mitryla paludosa.** *Fr.*—Alabama, Beaumont. No. 4630.

On mud in low grounds. Car. Inf. No. 1199.

704. **Mitryla lutescens.** *B. & C.*—Flavida subviscosa; stipite solido squamoso.

On earth in damp woods. Aug. Car. Inf. No. 2990.

Dull yellow, $1\frac{1}{2}$ - $2\frac{1}{2}$ inches high; head brighter, compressed, somewhat twisted, smooth, rather viscid; stem solid, scaly; sporidia oblong, sometimes curved with about five nuclei, .0013 long. The sporidia of *M. paludosa* are far more delicate and shorter.

* **Mitryla crispata.** *Fr.*—New England, Sprague. No. 5758.

Sporidia elliptic uniseriate.

705. **Mitryla elegans.** *B.*—Clavula parva obovata; stipite longissimo. United States, Green. No. 66.

Head not two lines high, gradually attenuated into the stem, which is nearly three inches high, and slightly thickened at the base; asci clavate; sporidia oblong.

* **Leotia lubrica.** *P.*—Car. Sup. No. 508. Car. Inf. No. 2400. Jan.

* **Leotia viscosa.** *Fr.* TREMELLA STIPITATA. *Bosc.*—Car. Inf. No. 2976. Ravenel. No. 1784.

This is referred by Ravenel, Fasc. iv., No. 22, to *L. chlorocephala*, Schwein, but it neither agrees with it in habit nor in fruit.

Sporidia curved, .001 long. Growing in light sandy beds, generally preferring roads but little used, the pileus only for the most part appearing above ground.

* **Leotia chlorocephala.** *Schwein.*

Sporidia .0008 inch long, rather pointed at either end, with three nuclei smaller than the last. Car. Inf. Ravenel. No. 1633. Penns., Michener. No. 3979.