

Apparently distinguished from *Cheilymenia lemuriensis* Heim by the absence of excipular hairs, see Bull. Soc. mycol. Fr. 4, 99, 1888, Fig. J7.

**PULVINULA** Boud. in Bull. Soc. mycol. Fr. 1, 107, 1885

- A1 . . . . . Apothecia flat, white to pallid, up to 4 mm. diam., margin often lobed, asci 220–240 × 15–20 μ, ascospores 12.5–17 μ diam., paraphyses 1 μ thick, strongly curved at the tip; on sandy soil. Trinidad, French Guiana. Le Gal, Discom. Madagascar, Figs. 34–35  
**P. etiolata** (Cke.) Le Gal
- A2 . . . . . Apothecia similar to the above or larger but yellow-orange, ascospores 12–15 μ; on burnt ground. Trinidad, Venezuela. Discom. Madagascar, Figs. 36  
**P. globifera** (B. & C.) La Gal

**LAMPROSPORA** de Not in Comm. Soc. Critt. Ital, 1, 388, 1964

The species are all much alike macroscopically, discoid with an orange hymenium, and are separated by ascospore size and ornament.

- A1 . . . . . Ascospores smooth, 12–13 μ diam., with one large oil drop, paraphyses 3–4 μ wide at the tip and not markedly curved; on soil among mosses. Venezuela. Fig. 7Pb  
**L. carbonicola** Boud.
- A2 . . . . . Ascospores ornamented:  
 B1 . . . . . Ascospores 10–11 μ diam., ornamented with a few prominent anastomosing bands 1–2 μ high; on forest soil. Trinidad. Fig. 7Pc. Seaver, Operculates, Tab. 3, Fig. 10; Kew Bull. 1954, 419  
**L. lobata** (B. & C.) Seaver
- B2 . . . . . Ascospores 13–16 μ diam., covered with fine, close packed, obtuse warts; in moss on the paramos. Venezuela. Fig. 7Pa. Seaver, Operculates, Tab. 3, Fig. 5  
**L. tuberculatella** Seaver

There are many other similar species, having spores ornamented with spines, a small or large-meshed reticulum, etc.

*Ascobolaceae*

- A1 . . . . . Ascospores dark coloured at maturity:  
 B1 . . . . . Ascospores not cohering in a ball in the ascus but ejected individually:  
 C1 . . . . . Apothecia well differentiated, discoid, shallow cupulate or turbinate, ascospores with a purplish brown perispore soluble in alkalis and often cracked in a characteristic pattern, hymenial elements in a greenish gelatinous matrix; mostly on dung  
**Ascobolus**
- C2 . . . . . Apothecia reduced to minute globular clusters of a few asci and paraphyses, ascospores brown, ornamented with warts or a reticulum, greenish jelly absent  
**Ascodesmis**
- B2 . . . . . Ascospores cohering and ejected as a single compound projectile  
**Saccobolus**
- A2 . . . . . Ascospores hyaline or yellowish:  
 B1 . . . . . Apothecia beset with long colourless thick-walled hairs  
**Lasiobolus**
- B2 . . . . . Apothecia glabrous: