

Lecanora Ach. (+ s. str.)
(LECANORALES: LECANORACEAE)

Thallus crustose, uniform, immersed to superficial, continuous to granular, areolate, squamulose, lobed at the margins, or dwarf fruticose; ecorticate or with a developed cortex; medulla woolly; attached by medullary or prothallial hyphae.

Apothecia round, adnate to sessile or occasionally + immersed or shortly stipitate; thalloid margin usually well developed, conspicuous and concolorous with thallus, in some species disappearing at an early stage or becoming excluded; proper margin sometimes present; true exciple poorly differentiated in most species; epihymenium greenish brown to dark brown or reddish brown, sometimes granular; hymenium + colorless, I+ blue; paraphyses unbranched to sparsely branched or anastomosed, septate; apices slightly swollen to capitate, often pigmented, N+ red to violet or N; hypothecium colorless or pale; asci clavate to elongateclavate, unitunicate, Lecanoratype (or Bacidiatype in a few species); apex strongly thickened, with an I+ blue apical dome and abroad I apical cushion; outermost gelatinous coat I+ blue; spores 8 (rarely 1632), oblong to ellipsoid or globose, usually rounded at apices, rarely apiculate, simple, sometimes with a central protoplasmic strand, hyaline, thin or thick walled; lacking a distinct perispore, smooth.

Pycnidia immersed; walls colorless but brown around the ostiole; fulcrum usually exobasidial (acrogenous); conidiogenous cells sessile or borne on short, branched, conidiophores, elongateampuliform, enteroblastic with broad collarettes; pycnosporangia bacilliform to filiform, arcuate to broadly falcate, colorless, simple. Chemistry various; atranorin, usnic acid, or xanthenes frequent in cortex; a wide range of depsides and depsidones, terpenoids or xanthenes in medulla. Photobiont Trebouxia and perhaps other chlorococcoid algae. On bark, wood, soil or rock, and wide range of manmade substrates.

Hawksworth, D. H. and D. H. Dalby. 1992. Lecanora. In: Purvis, et al., Lichen Flora of Great Britain and Ireland. Rogers, 19 . Genera of Australian Lichens.