

Platismatia Culb. & C. Culb.
(LECANORALES: PARMELIACEAE)

After Culberson & Culberson (1968)

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Thallus foliose, ± rosetteforming or widespreading, to subfruticose, dorsiventral, lobe margins often ascending, wavy, sometimes crisped. Upper and lower surface with well developed cortex; upper cortex paraplectenchymatous (cortices prosoplectenchymatous according to Purvis et al.). Lower surface pale to ± black with a few scattered simple rhizines. Isidia or soredia often present on margins or upper surface. Cortex often I+ blue. Nonpored epicortex present; pseudocyphellae punctiform on upper surface, often inconspicuous; upper surface gray. Cell walls containing Cetrariatype lichenan (I+ blue) and isolichenan.

Apothecia [mostly?] very rare, laminal (marginal or submarginal according to Purvis, et al.); disk brown, eperforate (often perforate according to Purvis, et al.); thalline exciple persistent. Hymenium I+ blue. Hypothecium thin, I+ blue, usually lacking algae below. Asci Lecanoratype. Spores 8, subgloboseellipsoid, simple, colorless, 58 x 35 um.

Pycnidia marginal, immersed; conidia sublageniform (cylindrical, not swollen at apices, according to Purvis, et al.), 45 x 1 um. Cortex with atranorin; medulla with aliphatic acids (e.g., caperatic acid),