

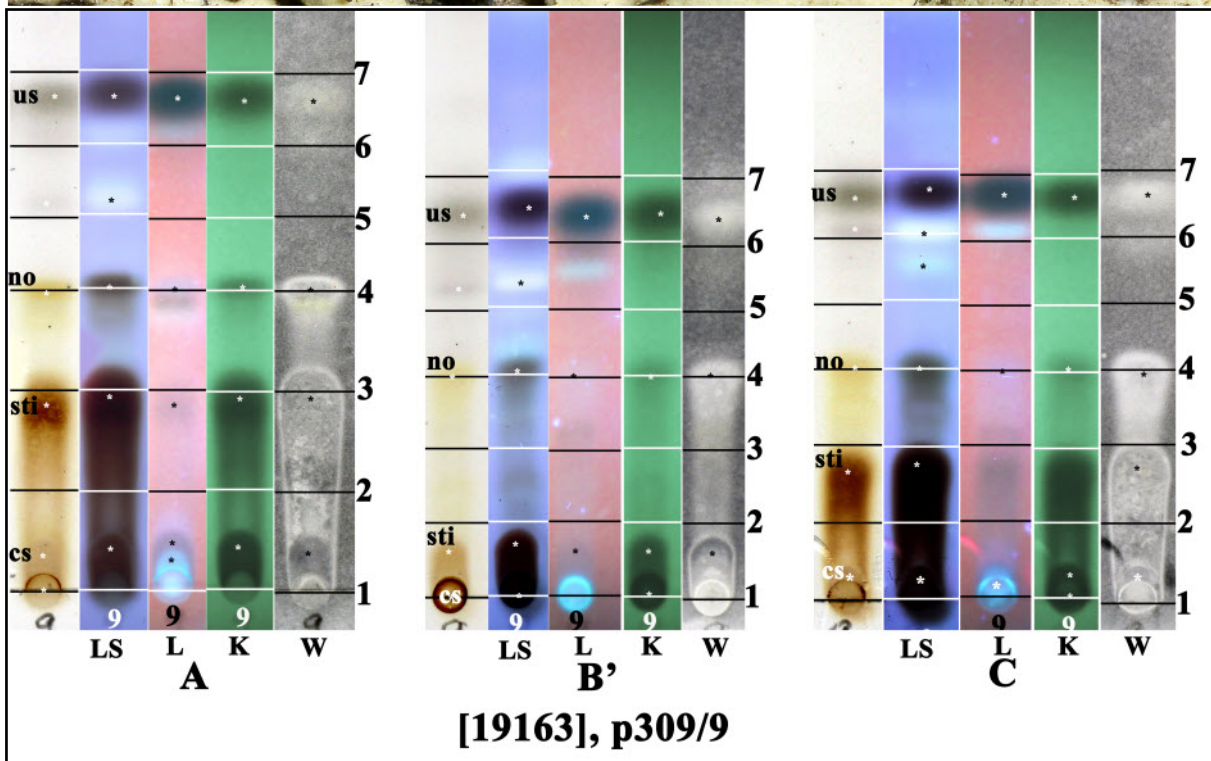
*Xanthoparmelia tegeta* Elix & J. Johnst.

Thallus foliose, loosely to moderate adnate. Lobes contiguous to imbricate, linear-elongate, dichotomously to irregularly branched, 0.3-1(-1.5) mm wide; laciniae often densely imbricate. Upper surface yellow-green, darkening with age, emaculate, lacking soredia and isidia. Medulla white. Lower surface black; rhizines moderately dense,  $\pm$  projecting beyond margins, black, to 23 mm long. Apothecia 0.5-1.5 mm wide. Ascospores 6-9.5 x 3.5-5.5  $\mu$ m. Chemistry: cortex K-, UV-; medulla K+ yellow, C-, P+ orange; usnic acid, stictic acid (major), constictic acid, norstictic acid (trace), cryptostictic acid (trace).

[19163], Australia, New South Wales, Kosciuszko National Park, along Diggers Creek, 4 km south of Island Bend, 36°24' S, 148°22' E, 1540 m, growing on granite rocks in *Eucalyptus pauciflora* woodland. TOPOTYPE. Leg. J.A. Elix (9685) & M.F. Day, 23.02.1982. Chemistry: usnic acid, stictic acid (major), constictic acid, norstictic acid, cryptostictic acid (trace), ursolic acid, unknown by TLC, anal. P.M. Armstrong. LICHENES AUSTRALASICI EXSICCATI NO. 150.







us: usnic acid, no: norstictic acid, sti: stictic acid, cs: constictic acid

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