

Pyrenothrix Riddle
(PYRENOTHRICACEAE)

After Riddle, Fink, Galloway, and Henssen

Rev. 5/94

Thallus brownish black, crustosefilamentous, spreading over the substrate, ecorticate, strongly adnate, gelatinousspongy when wet, brittle when dry; filaments ca. 1 mm long and 0.10.2 mm thick; hyphae 2.54.5 um thick, leptodermous, densely septate, branched, entangled, densely covering the photobiont filaments. Photobiont Scytonema.

Perithecia minute (to ca. 0.23 mm), thin (under 0.2 mm), coriaceous, pseudoparenchymatous, entire, simple, straight, naked, black, sessile; ostiole minute, scarcely distinct. Paraphyses persistent, simple, filiform. Asci clavate, bitunicate. Spores brown or brownblack, ellipsoid, muriform, with subcubical septa.

On bark, subtropical.

P. nigra Riddle

Thallus brownish black or grayish black, minutely coralloidfilamentous, ± closely attached at base, ± fruticose above, spreading in irregular patches, 15 cm diam.; composed of hyaline, spetate, flexuous, branched hyphae 34 um thick and closely applied to the surface of the brownish black, branched algal host. Perithecia occasional, immersed to closely adnate, minute, 200225 um tall and 160175(250) um thick (i.e., diam.), pyriform, with a short, thick neck and minute indistinct ostiole; exciple thin but complete, plectenchymatous. Ascospores brown or brownblack, oblong to broadly ellipsoid or broadly fusiform, muriform, 57locular with some cells oncedivided longitudinally, 1720(24) x 69(11) um. On bark, Florida, Louisiana, Alabama,

Literature

Fink, B. 1935. Lichen Flora of the United States.

Galloway, D. 1985. Flora of New Zealand Lichens.

Henssen, A. 1964. Ber. dtsch. bot. Ges. 77: 317322.

Riddle, 1917.