

**Requienella Fabre**  
(REQUIENELLACEAE)

After Aptroot

Rev. 3/94

[need pages 106-107 of Aptroot]

Thallus lichenized or not, often blackened around the ascomata.

Asocarps (perithecia) without clypeus. Interthecial hyphae cellular pseudoparaphyses. Hamathecium I-. Asci with rounded ocular chamber. Spores red-brown, symmetrically 3-13-septate to irregularly muriform. Crystals, lichexanthone and anthraquinones absent. Lichenized or not. On bark, boreal-temperate. Type species: R. olearum (= R. seminuda)

**1. Young ascospores with a well developed "cap" of endospore in the terminal cells;** mature ascospores 4-celled, occasionally with 1-2 cells longitudinally subdivided, ca. 25-29 x 8-10 um. On soft barked deciduous trees, eastern North America. .... R. subcollapsa (Ellis & Everhart) R. C. Harris

**1. Young ascospores  $\pm$  thin-walled;** ascospores with cells densely filled with small oil droplets, 6-celled, ca. 29-33 x 10-12 um; ostiolar area inspersed with large oil drops. Michigan. .... R. seminuda

**R. seminuda (Pers.: Fr.) Boise**

Thallus whitish to yellowish or brownish gray, blackened around the asocarps, smooth, immersed, continuous, without crystals, without hypothallus. Lichenized, probably with Trentepohlia, or not lichenized. Asocarps 2-6 aggregated in inconspicuous black pseudostromata, without crystals, hemispherical, not distinctly flattened, erumpent from the substratum, exposed, 0.8-1.2 mm diam., 0.6-0.9 mm high. Asocarp wall only in the upper part carbonized, with distinct clypeus, to 200 um thick. Ostiole black, conical, apical, 50-80 um diam. Hamathecium not inspersed, gelatinized, I-. Interthecial hyphae cellular pseudoparaphyses, only branched at tips, 2-3 um thick. Paraphyses absent. Asci with rounded ocular chamber, 70-100(-160) x 10-14(-20) um. Spores 8, uniseriate, red-brown, fusiform with subacute ends, symmetrically septate to irregularly submuriform, not constricted at septa, (15-)22-31 x 7-11 um, with 3-6 transverse distosepta and occasionally 1-2 longitudinal distosepta; septa 2 um thick; endospore to 4 um thick; wall smooth, without granules, without gelatinous sheath, under 1 um. Anamorph unknown. No substances. On deciduous trees and shrubs. Michigan. [Harris 1995 has seen it only from Europe]

**Literature**

Aptroot, A. 1991. A Monograph of the Pyrenulaceae [etc.]. Bibl. Lich. 44. J. Cramer, Berlin

Harris, R. C. 1995. More Florida Lichens.