

**Letrouitia** Hafellner & Bellem.

After Awasthi, and Fink;  
need more info. from other sources.

Rev. 5/94

Thallus crustose, orange to greenish gray, often K+ violet. Ascus Letrouitiatype, similar to Teloschistestype; ascus tip entirely I+ blue, without axial mass; inner wall I; dehiscing by apical lengthening of all wall layers. Spores several septate to muriform, mostly under 50 um long; walls multilayered, with internal thickenings visible at least in young spores. Thallus and often apothecia containing anthraquinones. Pycnospores formed pleurogenously or acrogenously, short bacilliform. On bark.

**1. Spores 2048 x 812(16) um; asci 28spored.** Apothecia 0.51(1.5) mm diam.; disc redbrown ("sanguineous"), brown to brownblack; margin yellow or orange, elevated; hypothecium hyaline (dusky reddish according to Fink). Thallus of flattened granules (verrucose to lamellateverrucose), running into a thin, smooth, greenish gray to yellowish or orange crust, becoming uneven, and finally thickened and wrinkledwarty. Apothecia sessile; disk flat to slightly convex; margin swollen, becoming flexuous to deepwavy. Spores ellipsoid, 59septate transversely, 1septate longitudinally. On trees, S. Carolina, Alabama, Florida, Louisiana, Texas. . . . . L. domingensis (Pers.)  
Hafellner & Bellemere

**1. Spores 2450(56) x (10)1420(22) um; asci usually 2(3)spored (14 according to Fink).** Apothecia (0.7)11.5 mm diam.; disc black (reddish and darkening according to Fink); margin yelloworange (orange, finally red according to Fink); hypothecium colorless to yellowbrown (dusky reddish according to Fink). Thallus of flattened granules, running into a thin, smooth crust, becoming uneven, and finally thickend and wrinkledwarty, greenish gray to bright yellow or orange. Apothecia sessile; disk flat to slightly convex; exciple swollen, becoming flexuous to deep wavy. Spores subspherical to oblongellipsoid, multicelledmuriform, thin walled, 59septate transversely, 13septate longitudinally. On trees, S. Carolina, Florida. . . . . L. vulpina (Tuck.) Hafellner & Bellemere

ADD:

L. parabola (Nyl.) R. Santesson & Bellemere

## **Literature**

Awasthi. 19 . Microlichens of India, etc.

Fink, B. 1935. Lichen Flora of the United States.  
Hafellner, 1981.

Hafellner & Bellemere. 1981.