

LECANORA (ASPICILIA) GLAUCOMELA Tuck. Gen., p. 118 (1872).

Alder trunks, Beaver Lake.

Spores rounded, short-ellipsoid or ovoid, serially disposed in cylindrical asci, hymenium and hypothecium without color, the paraphyses distinct and lax.

The thallus varies from greenish-ashy in the specimens from Prof. Macoun to sordid-greenish-brown in examples from Washington collected by Mr. A. S. Foster. Tuckerman was inclined to make the present a sub-species of *L. oculata*, an assumed relationship that no one but an arrant Sporologist may assent to.

BIATORA ATROFUSCA Flot. in Hepp. Exs. p. 268 (1857).

Bark of maples and Douglas fir, Sidney.

Spores oblong-ellipsoid  $15-19 \times 7-8 \mu$ , hypothecium brown, paraphyses distinct but coherent, tips thickened and brown, hymenial gelatin with I + intense-blue.

Thallus less developed than in the muscoline conditions collected in Maine, where it was found over rocks and about the base of trees. Without question, Tuckerman united the present with *B. sanguineoatra*, and the distribution cited for that species must, in some part, represent the plant of this note.

BIATORA (BIATORINA) lenticularis (Ach.) comb. nov. forma nigricans Arn. in Flora 1860, p. 14.

Rocks, Sidney.

Spores ellipsoid or variously difform, bilocular, the epispore distinct,  $10-12 \times 5-5.5 \mu$ , hymenium and hypothecium hyaline, paraphyses distinct, more or less discrete, tips enlarged and black, asci inflated-clavate or oblong, hymenial gel. with I + sordid-blue.

Previously unrecorded from America.

LECIDEA LATYPEA Ach. Method. Suppl., p. 10 (1803).

Fragmental rocks, Sidney.

Spores ellipsoid  $15-18 \times 8 \mu$ , hymenium colorless, hypothecium brown, paraphyses distinct, slightly discrete, tips blue-green, asci ventricose, hymenial gel. with I + intense-blue.

Thalline reaction K +, C + orange-red.

While resembling forms of *L. parasema* externally, the internal characters preserve specific distinctness.

Macoun's Canadian list cites the plant from Newfoundland, and it has since been collected in Alaska, California and Washington.