

The various specimens present a great diversity of coloration and conditioning for the thallus. The colors, white, whitish-ashy, ashy to sordid-glaucous, and the thallus from smooth and continuous to verruculose or rugged and more or less rimulose. The spores are variable in size and shape, ranging from  $10-26 \times 7-14\mu$ , either bilocular with approximate sporoblasts, the cells without nuclei, or more or less nucleolate with a connecting canal visible. In the greater part of the material the thalline margin of the apothecia is perfectly to be made out, and is variously entire or crenulate, but a condition occurs in which the margin is obliterated, and the plant may then be correlated with:—

***Lecanora exigua* forma *lecideoides* (Crom.) comb. nov.**

*L. exigua* var. *lecideoides* Cromb. Grevillea XVIII, p. 46 (1889).

Apothecia black, convex, and the margin wholly excluded. Found on willows with the species.

When found unassociated with the normal forms of the species, the present may easily be mistaken for a *Lecidea* of the section *Buellia*. The hypothecium is destitute of color, however, and in thin section algae are always to be found in the envelope.

***Lecanora exigua* forma *pruinosa* f. nov.**

Entirely like the species in thallus, apothecia and spores, and differing only in that the disk of the apothecia becomes gray-pruinose. The pruina does not extend to the exciple. The very dubious *Rinodina Hallii* Tuck. Synopsis, Pt. I, p. 208, in some of its exhibits is no different from the present. On the same trees with the species.

Sidney, Vancouver Island; Prof. J. Macoun. Type in herbarium Merrill.

***Lecanora* (*Rinodina*) *colobina* Ach. Lich. Univ. p. 358 (1810).**

Thallus effuse or sub-limited, thin, granulate, the predominant color blackish. Apothecia small (0.05 mm.), adnate, plane, the disk black with a conspicuous thickened entire margin. Spores 8, ellipsoid, bilocular, nucleolate, with a connecting canal,  $20-25 \times 10-12\mu$ , paraphyses distinct. Willows. Sidney, Vancouver Island; Prof. J. Macoun. Previously unrecorded from America.

***Phlyctis speirea* sp. nov.**

Thallus effuse, tartareous, granulate, cinereo-glaucous, K + red. Apothecia small, difform, erumpent, the thalline margin irregular, lacerate-dehiscent, margin white, nucleus depressed, darker. Spores 2, ellipsoid or oblong-ellipsoid, muriform, hyaline, or yellowish,  $100-120 \times 25-40\mu$ , hymen-