

faintly visible. Hind wings faded reddish orange with fuscous fringes, with a black line slightly waved at their base. Fringes of fore wings blackish with pale dots. Beneath both wings orange, fringes fuscous; on primaries a discal streak and a spot above on costa. Body dusky gray; abdominal hairs somewhat orange; beneath paler, somewhat whitish. *Expanse* 27 mil. Havilah, Cal., Mr. Hy. Edwards. This species has the false appearance of an *Annaphila*. It is easily recognized, and seems allied to *fodinalis* Led.; it is as large but very different in colors and ornamentation.

Crambus undatus, n. s.

Allied to *exsiccatus*, but smaller, with the lines without the submedian indentation. Pale whitish gray over light brown, a whitish shade from base along the centre, the wing with scattered fuscous scales. The two fuscous brown lines are very distinct, sub-parallel, near together, well removed outwardly, jagged, angulated below costa, the inner line a little more inwardly oblique and irregular below the cell than the outer. A fine dark line at the base of fringes, which latter are interlined and metallic at the tips. Hind wings pale with a subterminal line feebly marked on both surfaces. Fore wings fuscous beneath with the lines indicated. *Expanse* 21 mil. California, Mr. Hy. Edwards, No. 4454.

Catocala grynea var.

Mr. A. Conradi has collected near Bethlehem, Pa., a singular aberration of this species in which the black bands on the under surface are very broad and the secondaries above almost entirely black, except a yellow spot at base and two more beyond the middle of the wing.

NOTES UPON CLIMATIC INFLUENCES ON SAMIA GLOVERI
OF UTAH AND S. CEANOTHI OF CALIFORNIA.

BY A. H. MUNDT, FAIRBURY, ILL.

The summer of 1879 was quite warm and dry in Utah as well as California. This was very disastrous to the larvæ of *S. Gloveri*, which, it is well known, feed on the willows in Utah growing in or near swamps or near creeks in canons.