

NOTE 4.—*Catocala Walshii*, Edwards, is still unknown to me. I believe the types perished in the Chicago fire. It must be nearly allied to *unijuga*. Mr. Edwards' description of the fore wings, "Primaries yellowish brown, clouded between the transverse lines with grey; markings indistinct, but similar to *Uniguga*, Walk; reniform ferruginous, in a pale circling," is not exhaustive, but it contains nothing contradicting Walker's description of *C. junctura*.

*Catocala Arizona*, Grote.

Size large. Fore wings dentate, rather uniformly dark grayish brown with a glaucous shade over the more grayish median space. Median lines black and rather broad. A whitish shade before the brown-tinged, broadly bisannulate reniform. Sub-reniform rather small, pyriform, whitish brown, connected with the t. p. line, tending to become narrowly open. T. p. line well produced opposite the cell, with two sub-equal rather prominent teeth. A not very deep but broadly marked sub-median sinus. The dark scales tend to connect with the t. a. line along the sub-median interspace. The grey sub-terminal shade, preceding the dentate dark line itself, is not erect, but runs obliquely backward to costa above vein 6. Secondaries pinkish red. Median band rather narrow, not much curved, nearly even, rounding and becoming narrower below vein 2, and terminating at vein 1. Marginal band rather narrow, rather deeply excavate opposite the termination of the median band, and leaving a yellowish apical space tinged with red. Beneath largely pinkish red; the median whitish space on primaries also tinged with red inferiorly. The median band as on upper surface, and seen to terminate a very little before vein 1. Thorax and collar brownish, without perceptible lines. Expanse 80 m. m.

I have received this species from Professor Townsend Glover, of the Agricultural Department at Washington. It is labelled "Borders of Arizona and New Mexico.—Dr. Palmer." It is apparently nearest to *C. amatrix*, than which it has more obscurely brown primaries and is perhaps intermediate in character between the group of *C. amatrix* and the Californian red-winged species, represented by *C. californica*.

NOTE.—In my list of the species of *Catocala*, p. 164, 1872, I enumerated 59 species of the genus from our Territory. The total number must be now increased to 63. Of these 11, viz., *Stretchii* Behr., *adultera* Hinze, *irene* Behr., *Walshii* Edwards, *uxor* Guence, *zoe* Behr.,