

PRELIMINARY CATALOGUE OF THE ARCTIIDÆ OF TEMPERATE NORTH AMERICA, WITH NOTES.

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(Continued from page 104, Volume xxii.)

Genus LEPTARCTIA Stretch.

1873—Stretch, Zygænidæ and Bombycidæ, 118.

Head small, hardly retracted; eyes inconspicuous, bulging; ocelli distinct; vestiture thin, loose and divergent; tongue weak and short, spiral; palpi weak, short, drooping, with thin divergent vestiture; legs sub-equal, posterior slightly the longest; middle and posterior tibiæ each with minute terminal spurs only. The thorax is short, stout, convex with thin hairy vestiture. The antennal joints of the female have the joints marked, scarcely serrate; in the male they are bipectinate. The primaries have 7 to 10 out of a long stalk from the end of the sub-costal, 6 from a short spur out of the same point; 3, 4 and 5 are nearly equi distant from the end of the median, and quite close together. On the secondaries 8 as usual, 6 and 7 from the end of the sub-costal; 3, 4 and 5 rather close together from the end of the median. I had intended to give a review of Mr. Butler's work on this genus (1881, Ann. Mag., N. H., ser. 5, VIII., 312), but the excellent paper by Mr. French in the November-December, 1889, numbers of the CAN. ENT. has rendered this unnecessary, and I simply give the bibliography, using Mr. French's sequence of species or varieties. Whether in a genus like this, where no two specimens are alike, so many names are desirable is a question. Twice the number could be as justly applied. A large series of specimens is in the United States National Museum, one lot bred from eggs produced by a ♂ *stretchii* with a ♀ *lena*—the extremes of the series as arranged by Mr. French.

L. stretchii Butler.1881—Butl., Ann. Mag. N. H., 5, VIII., 312, *Leptarctia*.1889—French, CAN. ENT., XXI., 222, f. 12, *Leptarctia*.♂ *dimidiata* Str.1873—Stretch, Zyg. & Bomb., pl. V., f. 9, *Leptarctia*.1881—Butler, Ann. Mag. N. H., 5, VIII., 312, *typ. pr.*

Habitat—Oregon, So. California.