

There is a variety in which the stripes, and later the spots, are bright lemon yellow instead of white. The colour seems to be constant for an individual. The larvæ live together in rather small swarms, not exceeding fifty, till after the last moult, when they separate, often leaving the food-plant to ascend another in the vicinity. They then feed singly to maturity.

Food-plant, *Andromeda ligustrina*.

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## NOTES ON SOME CALIFORNIA MOTHS.

BY G. H. FRENCH, CARBONDALE, ILL.

*Arctia Shastaensis* Behrens, MS., nov. var. or nov. sp.

This new form was found by my friend, Mr. James Behrens, of San Francisco, at Upper Soda Springs, Siskiyou County, near Mount Shasta. The hind wings and abdomen are wanting, but the fore wings are present and in a very fair state of preservation. They are black, without light markings on the veins, but marked with yellow as follows:—A very broad transverse stripe, the basal of the usual three found in *A. Achaia* and *A. Behrii*, as wide as the female of *Behrii*, but more regular along its edges and curved more as this stripe is in *Achaia*, and not extending out on the costa as does this stripe in *Behrii*; the second of the three usual stripes is absent, save a few yellow scales on the sub-costal vein; the third is present, but narrow, arcuate, does not quite reach the costa, and only comes a little below the streak along median vein to posterior angle, a little attenuated at both ends; the usual longitudinal stripe below median vein, not reaching the base as this stripe does in both *Achaia* and *Behrii*, but beginning just inside the broad stripe, where it almost connects with an outward curved half line inside the broad stripe, that is broad on costa, but narrow below, outside the broad stripe the stripe is narrow, and on one wing broken before reaching posterior angle; the M-mark present much as in *Behrii*, beginning on costa midway between stripe three and apex, the first bar of the M curved inward, the other two outward and joined together and to the third stripe, the fourth bar absent as the spur that is usually sent out from the sub-median stripe is here absent. Fringes black; head, thorax and patagia black. Beneath as above, only paler. Legs black, except inside of anterior femora, which are yellowish.