

DESCRIPTION OF A NEW ARCTIA FROM COLORADO.

BY CHAS. R. DODGE, WASHINGTON, D. C.



FIG. 31.

ARCTIA WILLIAMSHI, *n. sp.*—(See fig. 34).

Anterior wings rich chocolate-brown with creamy white stripes or markings. Costal margin lighter brown. A broad line running from the base of the median vein nearly to the posterior angle, where it becomes slightly forked; from this proceeds a slightly curved narrower branch, from the centre of the wing nearly to the costal edge, and one-third the distance from the apex; a zigzag mark composed of three straight lines, the first being the broadest, and the third one-half the length of the others, proceeds from the outer angle, where it joins the first line, and terminates under the costal edge; the whole forming a distinct W crossed at the top by the transverse band. Inner edge faintly marked with creamy white.

Posterior wings dull red, marked with dark brown spots. Inner edge yellowish; costa and outer edge with a dark border, formed by confluent spots, narrowest at the middle third, the spot at the posterior angle more prominent, and triangular in shape; a large heart-shaped spot occupies the centre of the outer third of the wing, nearly touching the outer edge, and is surrounded by four smaller spots, the one near the inner margin wedge-shaped and extending to the base of the wing. Fringes dirty yellow. Alar. expanse 1-15 inch.

Antennæ brown. Head creamy white above, brownish around the eyes. Thorax brown with lateral lines of creamy white; shoulder tippets edged with same colour. Body beneath uniform light brown; above, darker, with two broad red lateral stripes which become yellowish at the tip. Habitat.—Colorado Territory.

This beautiful little species is dedicated to Mr. Henry T. Williams, of the "Horticulturist," to whom I am indebted, more than to any other person, for my summer's ramble through the Rocky Mountains.

The accompanying figure, though not quite correct in detail, will give an idea of the markings by which this moth is characterized. On the anterior wing, the upper fork of the line running from the base, is too heavy, and too long, giving the appearance of *four* zig-zag marks when there are but *three*, while the spots on the hind wings, though correctly placed, are not in every instance exactly of the right shape.