

observed them repeatedly. The female chooses a crack in the wood or an old beetle-boring of suitable size, and lowers her abdomen down this, sometimes nearly as much as an inch. Sometimes when the hole is of large size, only the head and legs of the insect can be seen above it. Unlike *Chloealtis conspersa*, the female of *M. punctulatus* apparently never bores herself unless merely to make her way through any loose rubbish that might be obstructing the hole. She generally chooses sound or only partly decayed wood.

I managed to obtain several fragments and one complete packet of eggs. The latter was fixed by the cement substance at its lower end to the wall of a beetle-boring three-eighths of an inch in diameter. It was attached at a distance of about three-quarters of an inch down the hole, and except at the lower end, which was imbedded in a depression in the wall, the packet was quite free. It was covered with a rather thick coating of a porous or vesicular cement substance, which also filled all the spaces between the closely-packed eggs. The latter were twenty-three in number, and their arrangement was in general in a longitudinal direction, the anterior ends pointing towards the free end of the packet, but was otherwise irregular.

The eggs are 4 to 4.8 mm. long, elongate-elliptical in form, finely and densely punctate, reddish-brown. There is a slightly impressed line encircling the egg close to its posterior end.

M. punctulatus has been fairly common also at Toronto this season. I found a pair on a white oak tree, the others on pine.

A NEW CECIDOMYIID ON GUTIERREZIA.

BY T. D. A. COCKERELL, E. LAS VEGAS, N. M.

Asphondylia gutierreziae, n. sp.

♀.—Length slightly over 3 mm.; antennæ pale brown, 2 + 15 jointed, the first two joints darkened; eyes united on vertex; thorax reddish-brown, dorsally shining, naked, with four very thin longitudinal bands of hairs; femora pale brown, tibiae and tarsi darker; wings well fringed with hairs; abdomen nearly naked, bright red, ovipositor and a dorsal apical patch white; ovipositor moderately long.

Pupa shell white, the anterior part faintly tinged with brown.

Gall a pale green fusiform or suboval swelling in the flower-head of *Gutierrezia sarothrae*, about 7 mm. long and 3 mm. broad.

Hab.—Las Vegas, New Mexico; collected by Wilmatte P. Cockerell; flies emerging October 31.

The colours of *A. gutierreziae* are described from fresh material; dried examples will not be so bright.