

NOTES ON NEW MEXICO AND ARIZONA HYMENOPTERA.

BY C. H. TYLER TOWNSEND, LAS CRUCES, NEW MEXICO.

With the exception of some undetermined gallflies and parasites, the following list of 86 species contains all the Hymenoptera collected (and bred) by the author, in the South-west, of which it has proved possible to get the names, except four mentioned in CAN. ENT., 1892, p. 200. The gallflies and parasites above referred to will be recorded in some papers to be published in the future. The cottonwood, *Blennocampa*, mentioned in CAN. ENT., 1893, p. 304, and in ZOE, iii., pp. 234-236, should also be included in the above exception.

As the list is not large, the species are arranged alphabetically. The fact that I have not been able to refer to Cresson's catalogue explains this, as it does the absence in most cases of the authorities for the species.

In the four cases where the query and asterisk occur, two species got mixed under one number in sending for identification to *Ent. News*, so that it is uncertain to which the locality and notes belong.

Agapostemon melliventris, Cr.—La Vega de San José, Valencia Co., N. Mex., August 4. One. A small, elongate species, with head and thorax entirely vivid Paris-green colour. Abdomen, legs, and antennæ yellow, the hind borders of segments brown. Det., Fox.

Allantus uncinatus, Nort.—Hart Little Spring, Arizona, July 14. Seven specimens. Det., Fox.

Andrena, sp.—Las Cruces, N. Mex. One ♂. A moderately small, elongate, entirely black species. Wings slightly fuscous. Det., Fox.

Andrena, sp.—Las Cruces, N. Mex. One ♂. Clypeus white. A small, elongate species. Black; thorax and head whitish pubescent. Wings slightly smoky. Det., Fox.

Anthidium, sp.—Las Cruces, N. Mex., May 17. One ♂. A moderately small species with clear wings. Thorax with yellow border, except in front, and two delicate yellow vittæ. Abdomen black, with yellow hind border to each segment. Det., Fox.

Anthidium, sp. near *mormonum*.—Las Cruces, N. Mex. One. A small form, with wings clear. Abdomen black, with irregular yellow hind borders to segments, interrupted in middle on six segments. Det., Fox.

Anthidium interruptum, Say.—Chaves, N. Mex., August 6. Three. Las Cruces, N. Mex. One. Det., Fox.

Anthophora, sp.—Hart Little Spring, Arizona, July 14. One specimen. A grayish pilose bee, larger than *Megachile relativa* ♀, and with the abdominal bands of pile gray. Det., Fox.