

six oblong spots; the same spots and lines are visible on the under side of the wings. There are two white spots on the secondaries; a triangular one near the base, divided by two or three black lines, and another transverse spot similar to, but smaller than that on the primary, also divided by black lines, making five or six oblong spots; the lowermost is only a small point.

The above remarks on the male, together with Kirby's description of the female, now published in No. 8, Vol. xi., CAN. ENT., will doubtless serve to make this rare *Alypia* better known. The illustrations were made by my esteemed brother entomologist, G. J. Bowles, of this city. The figures are so accurate that the student need not refer to the description. However, there being a distinction in the markings of the sexes, reference must be made to Kirby's description in order to determine them.

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## TWO NEW SPECIES OF ICHNEUMONIDÆ.

BY G. H. FRENCH, CARBONDALE, ILL.

### MICROGASTER UTILIS, n. sp.

Length .11 of an inch. Head, thorax and abdomen of the males uniform black, the females the same with the exception that the under side of the second and third basal joints of the abdomen are tawny. Antennæ fuscous, somewhat rufous at base. Legs and feet tawny, rather pale, the knees of the hind pair dusky, the most so in the males. Wings hyaline; costa, stigma and veins fuscous, except the two extending from the sub-stigmatal cells to the outer margin, which are hyaline. Ovipositor partially exerted. All parts of the body, wings and antennæ, moderately covered with a very short whitish pubescence, to be seen on the wing only with the aid of the microscope.

The cocoons are compact, except a little loose silk round the outside usually only partially surrounding the dense portion. When spun the most of them are detached from the caterpillar in which the larvæ have been parasites, and they are not placed together in any regular order.

Described from 11 males and 4 females reared from the larva of *Sphinx* (*Macrosila*) *Carolina*, and 5 males and 7 females reared from a larva of a species of *Leucania*.