

skin pale, very short, not longer than 1 mm. Neither prothoracic nor anal shield chitinous.

Pupa, from empty shell:—Fifteen mm. long to tip of cremaster; 4 mm. wide across thorax by 3 mm. thick. Abdominal segments tapering to a point. General shape slender and elegant. Head and eye-caps make a triangular anterior projection. Cremaster .75 mm. long, armed with two large hooks and four smaller ones.

Color of pupa whitish green, on upper side of thorax and dorsal side of all abdominal segments, except 12 and 13, is a black-brown patch, averaging 2 mm. in width, interrupted by a small clear spot on posterior edge of thorax; the same spots are repeated on first and second abdominal segments and on margin of patch about centre of thorax. On the last abdominal segment is a small dorsal spot of the same black-brown color. The appearance of this patch is, as if the pupa had been held for a moment, dorsum down, in cold-tar or pitch, and in very striking contrast with the nearly white color. Setæ on pupa very minute.

A New Torymid from Utah.

By W. H. ASHMEAD.

Torymus wickhami, new species.

♀.—Length 4.5 mm; ovipositor nearly 4 mm. Head and thorax blue, closely punctate or shagreened, with sometimes a faint greenish tinge in certain lights, and clothed with a fine, short, glittering white pubescence; eyes brown, the malar space distinct; ocelli pale; flagellum black or brown-black, the scape blue with a yellow spot at base; abdomen wholly reddish-yellow, with the sheaths of the ovipositor black; legs with the coxæ and femora blue, the tibiæ and tarsi yellowish, wings hyaline, the veins brown-black.

Type.—No. 8133, U. S. N. M.

Milford, Utah. Described from two specimens taken July 7, 1904, by Professor H. F. Wickham, and in honor of whom this lovely species is named.

ON PAGE 271 of ENT. NEWS for October 1904, there is an error in the Raleigh records of *Chrysops moechus*, our only record for this species at Raleigh is September 3, 1903, but in Mr. Sherman's paper the whole records for *Chrysops niger* at Raleigh are through some slip given for *moechus* also.—C. S. BRIMLEY.



Ashmead, William H. 1904. "A new torymid from Utah." *Entomological news, and proceedings of the Entomological Section of the Academy of Natural Sciences of Philadelphia* 15, 302.

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