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TWO HUNDRED AND SEVENTY-FIFTH MEETING,
MARCH 5, 1914.

The following program was presented:

- Variations in Insects and their Transmission.....Nathan Banks¹
- Method of Fumigating Imported Seed
E. R. Sasseer and Dr. Lon A. Hawkins²
- A new species of *Callichroma* from Texas.....W. S. Fisher
- A Revision of the North American Species of the Braconid genus
Habrobracon.....R. A. Cushman
- Secondary and Tertiary Sexual Characters in Muscoid Flies and their
Classificatory Value..... Charles H. T. Townsend

At the conclusion of the program Mr. C. P. Alexander of Cornell University addressed the Society on his studies of the family Tipulidæ, and Mr. M. D. Mitzmain gave an account of his recent work in the Philippine Islands on the insect transmission of surra in stock animals.

A NEW SPECIES OF CALLICHROMA FROM TEXAS.

BY W. S. FISHER, *Bureau of Entomology.*

***Callichroma schwarzi* n. sp.**

Male: Rather dull in lustre and of a greenish-blue color throughout above, same beneath but more shining; abdomen rufo-ferruginous; antennæ, all of the femora, tibiæ and tarsi black. Prothorax as in *C. plicatum* Lec., with front deeply constricted, two elevated spaces just back of the constriction and one long transverse elevated ridge on the poste-

¹ Withdrawn by author.

² Withdrawn for publication elsewhere.

³ To be published later.

rior area; with unequally transverse rugæ; densely and finely punctate, with short inconspicuous black hairs. Prosternum concave and transversely plicate. Antennæ twice the length of the body. Elytra strongly tapering from base to apex, tips separately rounded, sides slightly arcuate; clothed with short inconspicuous ashy grey pubescence; densely and finely punctate except small space at base close to the suture with coarser punctures. Under surface covered with ashy grey pubescence. Scutellum triangular, longer than wide, grooved down the middle, irregularly coarsely punctate. Femora of front and middle pair of legs short and thickened, posterior femora long, reaching a little beyond the tips of the elytra, slightly thickened externally. Posterior tibiæ nearly as long as the femora, arcuate and flattened. Notch of the fifth ventral segment parabolic. Length 35 mm.; width at base of elytra 9 mm.

Female: Differs from the male in being smaller, antennæ not reaching the tips of the elytra, prothorax similar to that of *C. splendidum* Lec., not transversely rugose at center but densely finely punctured, and slightly rugose toward the sides. Elytra with two inconspicuous transverse bands of a violet shade, one just in front and the other just back of the middle. Posterior femora slightly arcuate. Posterior tibiæ nearly straight. Length 28 mm.; width, 7 mm.

Habitat: McAllen, Texas.

Type and *allotype* Cat. No. 18237 U. S. N. M. Paratypes in the author's collection.

Described from four specimens, two females and two males, received from D. K. McMillan with the following note, "Collected May 22, 1909, on the blossoms of *Cissus incisa*, rather common and a number of mating pairs were crawling among the foliage."

This species is allied to *C. plicatum* Lec. but is distinguished from that and the other species found in the United States by having dull greenish-blue elytra and all of the femora black. Named for E. A. Schwarz.

The following table will assist in the identification of the species found north of Mexico.

All of the femora testaceous tipped with black.....	1
All of the femora entirely black.....	2
Front and middle femora black, the posterior ferruginous tipped with black, elytra blue.....	<i>cobaltinum</i> Lec.
1. Thorax and elytra varying from blue to green, thorax with a coppery hue.....	<i>splendidum</i> Lec.
Thorax and elytra bright green, without coppery hue. Male with fifth ventral deeply broadly emarginate.....	<i>smaragdinum</i> Casey
Male with fifth ventral parabolic, not emarginate.....	<i>plicatum</i> Lec.
2. Elytra velvety black.....	<i>melancholicum</i> Bates
Elytra greenish-blue.....	<i>schwarzi</i> Fisher.