

Coleoptera Collected in Canada.*

By WILLIAM COUPER, Toronto.

For Authorities and Synonyms, see *Melshemer's Catalogue*, &c.

CICINDELA

HIRTICOLLIS Say; *albohirta* Dej.; *unita* Kollar.

Jaws black at the points, lip white, with a front marginal row of punctures; antennæ: half their length are of a coppery polish, the points blackish and villous; eyes black; head, thorax, and region of scutellum bronzed, intermixed with a bright green colour, and covered with white hair; elytra of an earthy colour, polished, densely and minutely punctured, with a white spot on the shoulder angles, and a white rim at the apex; body beneath and legs coppery green, and covered with white hairs. Toronto peninsula and Humber bay, not common. Length 5 lines.

Taken by Richardson on the borders of the Mackenzie River, lat. 59°—62° N.

CYCHRUS

VIDUUS Dej.; *unicolor* Say. Newm. (*Irachroa*) Ent.

Palpi 4, claviform at the apex; antennæ 11-articulate—the basal joint longest: 2d, 3d, and 4th short, black, and polished; 5th to the apex brown pubescent; jaws elongate and toothed; head black and incline downwards; thorax margined—with longitudinal groove through the disc, and two depressions behind, reflecting a steel-blue colour, and densely punctured; elytra polished, with a punctured bluish margin—longitudinally punctured in rows, which become more irregular and rugose near the posterior. The elytra are greatly rounded posteriorly, and do not terminate in a direct point; body beneath black. Toronto, 7th April, under leaves; not common. Length 5 lines.

HISTER

BIMACULATUS Lin.; *obliquus* Say; *reniformis* Jardine's Nat. Lib., vol. vi. pl. 9, fig. 5.

Antennæ deflexed in the centre—the base forms an angle with the apex, which is knobbed; head and thorax black, the latter smooth and polished; elytra longitudinally striate, truncate behind, with a red spot at the extremity of each; abdomen and body beneath black; legs black—tibiæ minutely toothed on the outside; body depressed. Length 2 lines.

One specimen of the above was taken in Toronto in May last, which corresponds with Jardine's figure in the work above cited; but the length of the specimen from which the icon was taken is omitted. "*Reniformis*" may be synonymous with the European "*bimaculatus*," which also occurs in America.

ATTELABUS

ANALIS.—*Mels. Cat.*; *similis* Kirby.

Antennæ bluish black; head steel-blue—nearly cylindrical; middle part of the breast steel-blue; thorax dull red; elytra dull red, nearly square, and finely punctured in longitudinal rows; abdomen dull red; legs steel-blue. Toronto; June, on oak leaves, rare. Length 2 lines.

PHYSOCNEMUM

BREVILINEUM Say (Callid). Jour. Acad 3, 413.

Antennæ, head, and thorax black, the latter slightly tuberculate on the top of each side—narrow behind; elytra blackish in front—slightly bronzed behind, and of equal width throughout, with two longitudinal marginal lines on each. Legs blackish, the femoræ clavate. Toronto, not common. Length 5 lin.

* See pages 210 and 256 of this Journal.

CLYTUS

RURICOLA.—*Mels. Cat.* Antennæ short, and of a rust colour; head and thorax black, the latter globular, and surrounded by a yellow margin; scutellum yellow; elytra blackish, and from the region of scutellum a short yellow fascia points obliquely towards the lateral margin, and behind the latter fascia there is a zigzag yellow band, having a similarity to the letter W, as in *elytus speciosus*. Posteriorly there is a yellow transverse arch; tibiæ and upper section of femoræ of a rusty colour—the latter clavate; posterior legs the longest; pectus spotted with yellow; rings of abdomen yellow. Common throughout the Province. Length 5 lines.

CAMPESTRIS Oliv.; Lec. *terminans* Fabr. 2, 27.

Antennæ rusty-red; eyes black, with a yellow spot on the top of each; thorax globular, slightly hirsute, and sprinkled with yellow hairs in front, with a broad transverse band of grayish hairs behind, and a yellow spot on each side of the posterior section of pectus; femoræ clavate, posterior legs longest. Toronto, not common. Length 6 lines.

HELIOMANES

BIMACULATUS Say; *affinis* Le Conte.

Antennæ longer than the body; head and thorax black, the latter round, and sprinkled with short whitish hairs; elytra greatly abbreviated, covering but half the body, and spread apart behind; femoræ clavate.

From the transparency of the elytra, the folded wings can be seen beneath, which may have led Mr. Say to name it "*bimaculatus*." Toronto, common on Wild Parsnip. Length 2 lines.

MONOHAMMUS

DENTATOR Fabr. (*Lamia*) El. 2, 294.

Head and antennæ grey-brown, the latter in ♀ about half the length of those in ♂; thorax grey-brown, spotted with black, having a short spine on each side; scutellum small and whitish; elytra grey-brown, covered with small white and black spots—some of the latter are square, and arranged longitudinally; the apex rounded and covering the abdomen; body beneath and legs grey-brown. Toronto, not common. Length 9 lines.

STRANGALIA

SUBHAMATA.—*Mels. Cat.*; *armata* Haldeman.

Antennæ 10-articulate: from base to 4th joint black, and six are ringed with yellow; head and thorax black, the latter narrow in front; elytra black, tapering behind, with a yellow spot on each shoulder, which widen on both sides of the scutellum, and from the lateral margin, each of which curve towards the suture; the right shoulder spot resembles a comma. On the centre of each elytron is a yellow tooth-like spot. Upper section of femoræ yellow; body beneath blackish. Toronto, rare. Length 5 lines.

PRIOGNATHUS

MONILICORNIS Randall (*Ditylus*) Bost. Jour. Lec. Agass. Lac. Sup.

Colour dark chestnut; antennæ moniliform, thicker at the apex; head bent down, smooth on top, with a transverse ridge underneath; thorax rounder than in *C. discicollis*. Elytra smooth, margined, and finely punctured. Owen Sound, not common. Length 3½ lines.

CRYMODES

(?) DISCICOLLIS Lec. Agass. Lac. Sup. p. 233.

Palpi 2-moniliform; antennæ moniliform, thicker towards the apex; head bent down in front, densely and finely punctured.