

THE COLEOPTERA OF CANADA.

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IV. THE PLEUROSTICT SCARABAEIDÆ OF ONTARIO AND QUEBEC.

In this group we have in some of the genera a return to the cephalic and thoracic ornamentation by horns or tubercles in the males, as shown in the *Coprophaga*; however, none of the Canadian species would be thus misplaced by anyone having even a slight acquaintance with the family, as aside from this character the resemblance is slight. From some of the *Melolonthinæ* they are not so readily distinguished, except by the position of the spiracles, as defined in a previous article. The genera may be thus separated among themselves:

- A. Claws of tarsi unequal in size.
 - b. Length not more than about $\frac{1}{2}$ in. Antennæ 9-jointed.
 - Elytra conjointly very convex above, often more or less distinctly striate and punctate in rows.....*Anomala*.
 - Elytra flat, distinctly sulcate*Strigoderma*.
 - bb. Length greater, nearly or quite an inch. Antennæ 10-jointed.
 - Elytra immaculate.....*Cotalpa*.
 - Elytra with black spots*Pelidnota*.
- AA. Claws of tarsi equal.
 - c. Very small (about $\frac{1}{25}$ in.). Colour brown, with indistinct lighter marks, thorax distinctly channelled.....*Valgus*.
 - cc. Larger (.40 to above an inch).
 - d. Elytra deeply sinuate behind the humeri.....*Euphoria*.
 - dd. Elytra without more than a faint indication of this sinuation.
 - e. Thorax much narrower than elytra, often much narrower at base.
 - f. Size small (.50 in. or less).
 - Colour uniform black.....*Cremastochilus*.
 - Elytra luteous with black spots.....*Gnorimus*.
 - Elytra rufotestaceous, or with transverse bands of that colour and white.....*Trichius*.
 - ff. Size large (nearly an inch), colour uniform.....*Osmoderma*.
 - ee. Thorax not narrowed at base beyond the effect produced by the rounding of the sides and about as wide as the elytra.
 - g. Head entirely unarmed, clypeus simple.....*Cyclocephala*.