

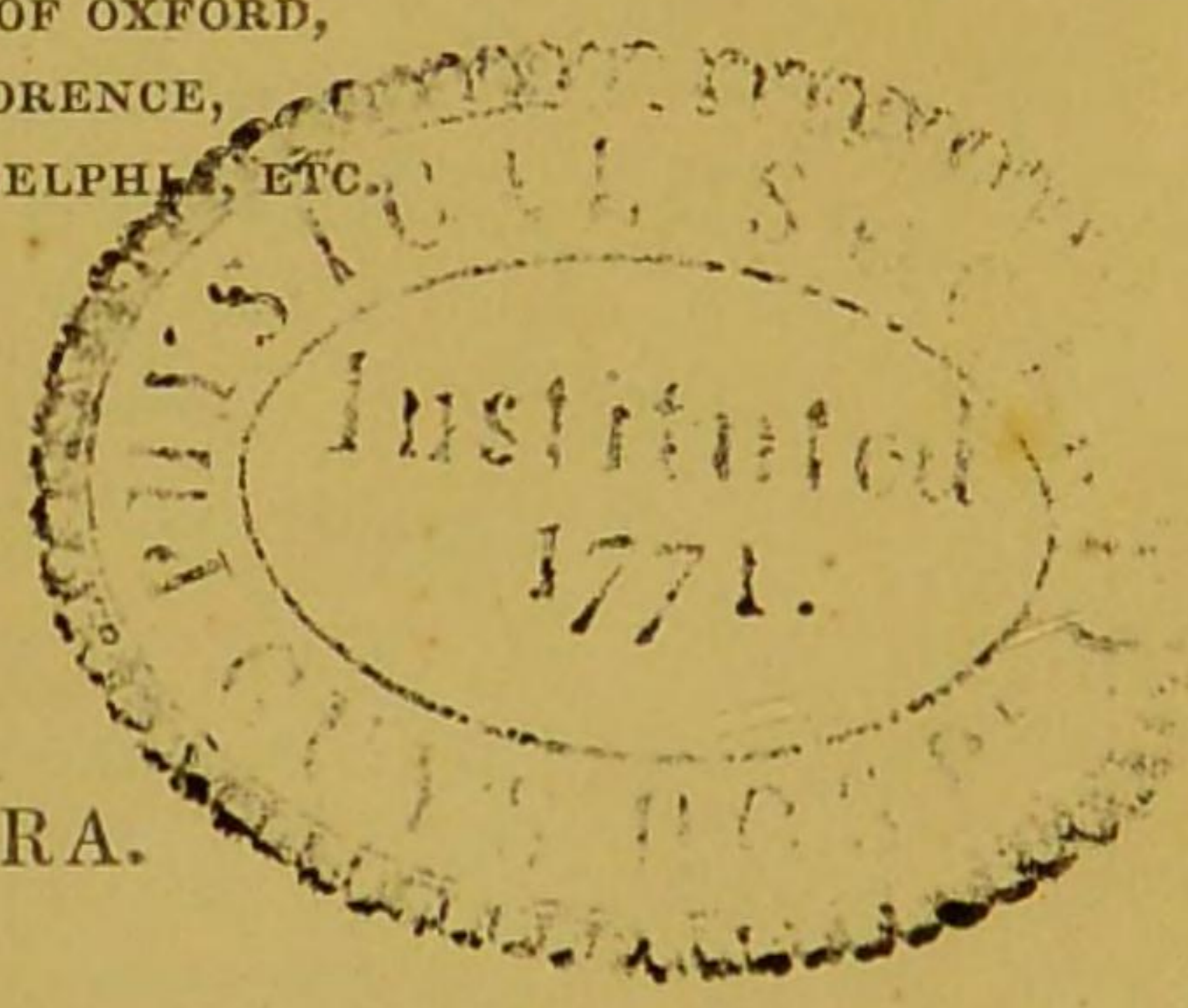
BRITISH ENTOMOLOGY;  
BEING  
ILLUSTRATIONS AND DESCRIPTIONS  
OF  
THE GENERA OF INSECTS

FOUND IN  
GREAT BRITAIN AND IRELAND:  
CONTAINING  
COLOURED FIGURES FROM NATURE  
OF THE MOST RARE AND BEAUTIFUL SPECIES,  
AND IN MANY INSTANCES  
OF THE PLANTS UPON WHICH THEY ARE FOUND.

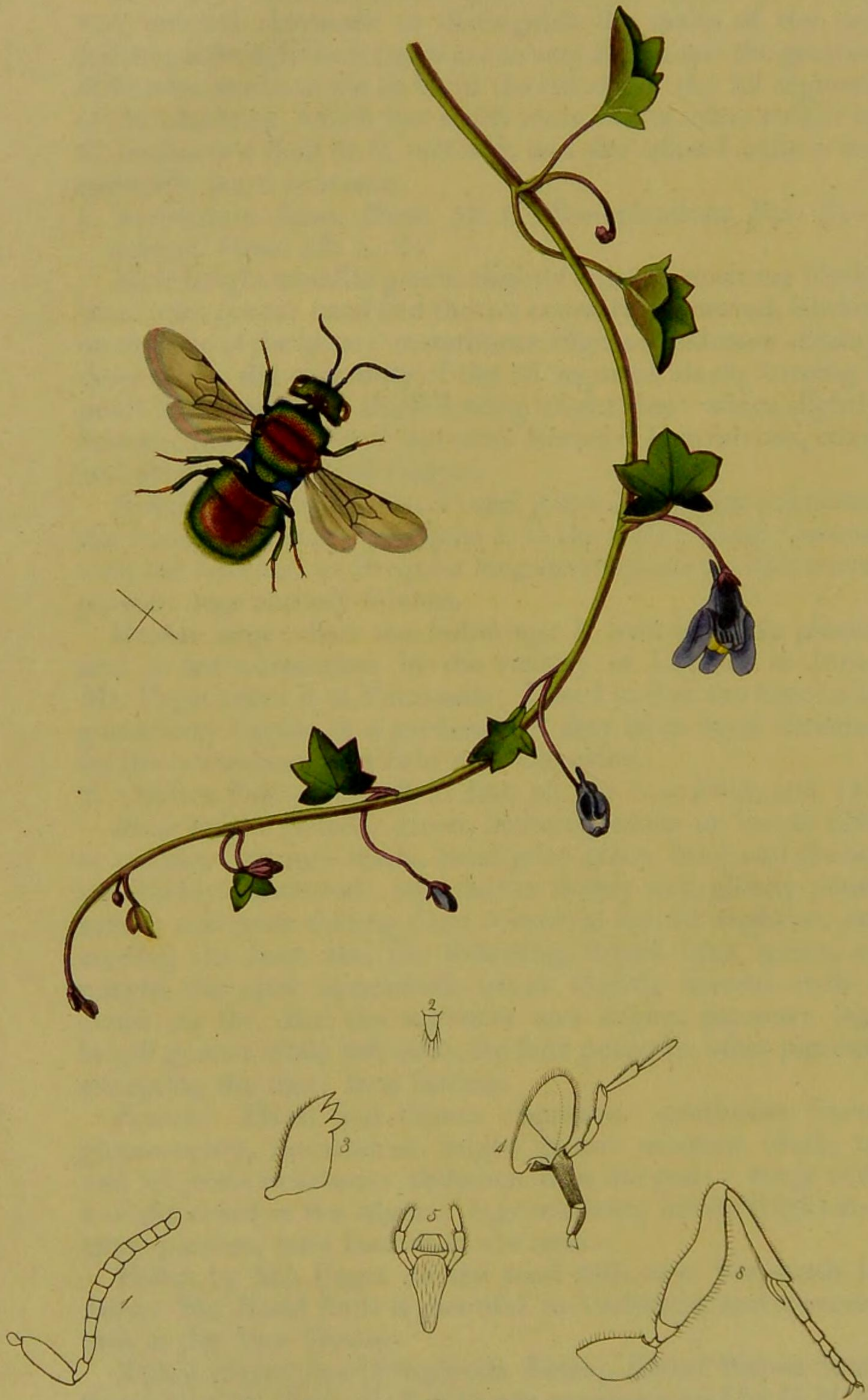
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1823—1840.



*Painted by J. Curtis London Sept. 1. 1824*

## HEDYCHRUM ARDENS.

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ORDER Hymenoptera. FAM. Chrysididæ *Lat., Leach.*

*Type of the Genus C. violaceum Rossi.*

HEDYCHRUM *Lat., Leach.* Chrysis *Linn., Fab., Jurine.*

*Antennæ* inserted close to the margin of the clypeus, geniculated, fusiform, 13-jointed; first joint the longest. (1.)

*Labrum* very minute, long, attenuated, ciliated. (2.)

*Mandibles* hairy, externally arcuated, with 3 sharp teeth towards the apex. (3.)

*Maxillæ* horny at the base, membranaceous towards the apex, ovate, entire, ciliated: *Palpi* 5-jointed, longer than the maxillæ, third joint rather thicker, fourth and fifth rather longer than the others. (4.)

*Mentum* long, dilated anteriorly: *Palpi* short, 3-jointed: *Lip* with the margins conniving externally. (5.)

*Clypeus* with a deep impression between the eyes, receiving the first joint of the antennæ. Thorax semi-cylindric, angular, divided by 3 transverse sutures. Metathorax not elongated into a scutellum. Body contractile into a ball. Abdomen attached only by a portion of its transverse diameter, semicircular, with the extremity rounded, convex above, concave beneath, composed of three joints, the second very large. Tarsi 5-jointed. (8.) Superior wings with the marginal cell scarcely complete at the apex; discoidal cells very obscure. Inferior wings without distinct nerves.

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ARDENS *Lat. Coq. Illus. Icon. Ins. dec. 2. p. 59. t. 14. f. 7.*

Shining, pubescent. Head and thorax deeply, abdomen minutely punctured. Green, centre of head, thorax and abdomen, crimson reflecting purple and gold. Posterior angles of thorax blue. Under side of abdomen black, sometimes aureous towards the base. Wings fuscous, with alternate bands of green and gold at the posterior margin. Antennæ black, green at the base. Legs green. Tarsi rufous.

*In the Cabinets of the British Museum and the Author.*

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IN a former number (folio 8.) was given the Genus *Chrysis*; and another group of the same family, separated by Latreille, is the subject of the present paper. Although the *Hedychri* may equal the *Chrysidæ* in splendour, their form is by no means so elegant; the obtuseness and breadth of the abdomen di-

stinguishing them at first sight; and upon further comparison, the absence of the transverse line of impressed dots upon the last joint of the abdomen, as well as the great difference in the mandibles, independently of the variation in the wings, excite our astonishment that Jurine should have rejected a Genus so natural and well established.

Dr. Leach has divided this Genus into those with the apex of the abdomen entire, 1. *H. punctatum* Leach?; 2. *lucidulum* Geoff.; 3. *ardens* Lat. The others notched at the apex, 4. *regium* Geoff.; 5. *violaceum* Rossi. There are also in the Museum cabinet a species called *cæruleum* and another unnamed. Our insect, which was taken several years back in Norfolk, agrees tolerably well with Latreille's description, and perfectly with the British specimens in the Museum, but not very well with the rude and careless figure in Coquebert. Some specimens are twice the size indicated in the plate by the crossed lines.

The habits of this Genus are somewhat dissimilar to those of the *Chrysidæ*, being generally found in the sunshine upon the leaves of brambles and other bushes, from which they fall upon being approached, rolling themselves up into a ball.

The plant figured is *Antirrhinum Cymbalaria* (Ivy-leaved Snapdragon).