

ANNULOSA JAVANICA.

13

simâ ; maculisque duabus cereo-flavis, anticâ subhumerali a quintâ striâ ad marginem et posticâ versus apicem a quintâ striâ ad nonam undulatis. *Corpus* subtus atronitidum. *Pedes* nigri.

Subgenus LISSAUCHENIUS Nobis. *PANAGÆUS* Wiedemann? *CARABUS* Fab.

Labrum transversum antice haud emarginatum.

Mandibulæ acutæ, sinistrâ majore.

Palpi maxillares elongati articulo quarto obconico apice truncato.

Palpi labiales articulo ultimo magno securiformi.

Mentum dente sinûs simplice.

Subgenus *Panagæo* certe affine. *Collum* distinctum. *Os* acutum. *Thorax* canaliculatus marginatus nitidus subquadratus utrinque rotundatus antice posticeque angulatus. *Corpus* alatum. *Tarsi* maris antichi articulis tribus dilatatis.

OBS. This genus differs from *Panagæus* in having the labrum not emarginate, the last joint of the maxillary palpi not triangular, the middle tooth of the mentum simple and the thorax neither suborbiculate or entire, and scarcely wider than the head. The antennæ are mutilated in the only specimen of the genus which Dr. Horsfield has brought to England.

16. *RUFIFEMORATUS*. *L. ater capite thoraceque viridiæneis, elytris sulcatis punctatis maculâ posticâ flavâ.*

♂ Long. corp. ¼

Caput læve labro palpis antennisque nigris, his basi subpiceis. *Thorax* punctatus ovatus anticé posticéque truncatus lateribus marginatis. *Elytra* convexiuscula atronitida striâ primâ ad scutellum brevissimâ. *Corpus* subtus nigrum. *Pedes* nigri femoribus rufis.

OBS. This insect comes very near to the description of *Carabus posticus* in Fabricius, the only difference being that the latter insect has the "*thorax lævis*" and the "*pedes fulvi*." The *Panagæus chalconcephalus* of Wiedemann, which is also a Javanese insect, may possibly belong to the same subgenus.

Fam. 3. HARPALIDÆ.

We know comparatively so little of the exotic species of this most numerous family, that it is impossible for me at present to give its natural distribution with any degree of certainty. This is, indeed, my only apology for the want of regularity, which the Entomologist cannot fail to discover in the order of the following genera, which, moreover, I am quite unable to distinguish from the subgenera. The inability to separate genera from subgenera, is the unavoidable consequence of not knowing the natural distribution of the family.

Genus CHLÆNIUS Bon.

17. *CINCTUS*. *C. capite thoraceque subæneis elytris atroviridibus : margine testaceo pedibus testaceis corpore nigro.*

C. Cinctus Fab. Ent. Syst. 1. p. 138.—61.

C. Xanthocrus Wiedemann, Zoologisches Magazin. Band. 2. st. 1. p. 68.

♀ Long. corp. vix ½

Caput vix thorace angustius cupreum læviusculum, facie viridiæneâ, labro testaceo, mandibulisque piceis. *Antennæ* testacæ. *Palpi* testacei articulo ultimo haud truncato. *Thorax* marginatus punctulatus.

Elytra

Elytra striata striâ primâ ad scutellum brevissimâ. *Corpus* subtus atronitidum abdominis margine testaceo.

OBS. This appears to be the *Carabus cinctus* of Fabricius, but is not the *Carabus cinctus* of Olivier, which is European, and has had a new specific name given to it by Duftschmidt. The true *C. cinctus* above described seems to be found throughout India, for there is not sufficient difference in Wiedemann's description of his *C. Xanthocrus* to separate it from our insect.

18. *APICALIS*. *C. niger capitis thoracisque lateribus cupreis, elytris obscuro-nigris maculâ apicali pedibusque flavis.*
Long. corp. fere $\frac{11}{8}$

Caput thorace paulo augustius labro palpis antennisque piceis. *Thorax* marginatus posticè punctatus.
Elytra striatâ striâ primâ ad scutellum brevissimâ.

19. *QUADRICOLOR*. *C. niger capite thoraceque cupreis, elytris obscuris ore antennis pedibusque rufis.*
Carabus 4-color. Fab. Syst. Eleuth. vol. 1. p. 180.
————— Oliv. Ins. 35. tab. 10. fig. 111.

♂ Long. corp. $\frac{5}{8}$

OBS. The only difference that appears between the unique specimen in Dr. Horsfield's collection, and the description of Fabricius is, that the latter's insect has the head and thorax viridiæneous instead of cupreous. From his *C. tenui-collis*, our insect differs in having a rounded, instead of a narrow thorax.

20. *MICANS*. *C. elytris auro micantibus, apice maculâ testaceâ, pedibus rufis.*
Carabus micans Fab. Ent. Syst. 1. 151. 115.
Carabus analis Oliv. Ins. 35 t. 10. fig. 115.

♂ Long. corp. $\frac{11}{8}$

OBS. Although Olivier gives Senegal as the habitat of his *C. analis*, it nevertheless seems to be the same with the *C. micans* of Fabricius and our insect. If Olivier's species should prove different, it is, at least, clear that he has not sufficiently characterized it.

21. *FLAVIGUTTATUS*. *C. capite thoraceque viridiæneis elytris obscuro-nigris striis quartâ quintâque ante maculam transversam interruptis.*

Long. corp. $\frac{1}{2}$

Caput viridiæneum labro mandibulisque nigris, palpis antennisque nigro-piceis his basi illis apice testaceis. *Thorax* subquadratus marginatus lateribus convexis punctatus subcupreus margine viridiæneo. *Elytra* atra obscura punctulata striata striâ primâ ad scutellum brevissimâ, quartâ et quintâ medio-interruptis et ante maculam posticam marginalem subcruciatam flavam confluentibus. *Corpus* subtus atro-nitidum. *Pedes* femoribus flavis geniculis tibiisque nigris, tarsis piceis.

Genus CATASCOPUS—Kirby.

Antennæ articulis secundo et tertio fere æqualibus.

Labrum oblongo-quadratum arcuatum, anticè angustius et profunde emarginatum, lobis rotundatis singulo setis tribus instructo.

Mandibulæ edentulæ acutæ crassæ breves incurvæ.

Palpi

ANNULOSA JAVANICA.

Genus TRECHUS Clairv.

31. *CONVEXUS*. *T. atronitidus* pedibus antennisque piceis, his ad basin palpisque pallidioribus, elytris substriatis.

Long. corp. $\frac{1}{2}$

Insectum Cephalotis habitu parvulum alatum vix huic generi associandum. *Caput* nigronitidum latitudine thoracis. *Antennæ* articulis subæqualibus primo duobus sequentibus simul sumptis brevioribus, articulis quatuor ultimis crassioribus, apicali longiore ovato. *Palpi* maxillares articulo ultimo subulato cum tertio brevioribus quasi articulum unum fusiformem formante. *Thorax* convexus marginatus obcordato-truncatus, basi angustior, latior quam longus, medio vix canaliculato. *Elytra* striis sub lente distinctis, primâ ad scutellum brevissimâ.

Obs. Although I have assigned this little insect to the genus *Trechus*, I am aware that it differs from it in many respects. The only specimen however in the collection is so mutilated, that I cannot venture to found a subgenus upon it, and therefore present as full a description of it as its being pasted down on paper will permit me to make. It agrees with the characters of *Trechus* given in the *Règne Animal* of M. Cuvier; but these have been too vaguely drawn up to enable a beginner to form a correct idea of the genus.

Subgenus GNATHAPHANUS Nobis.

Antennæ articulis fere æqualibus secundo breviori.

Labrum transverso-quadratum, angulis anticis rotundatis.

Mandibulæ sub clypeo fere occultæ; sinistrâ ad basin solum apparente.

Palpi maxillares articulo ultimo subsubulato, tertio obconico breviori.

Palpi labiales articulo ultimo præcedente brevioribus, subulato, acuto.

Mentum breve, transversum, dente sinus minimo simplice.

Caput transverso-quadratum, latius quam longum, antice truncatum facie brevissimâ.

Thorax ut in *Harpalo*, sed fossulâ lineari brevi utrinque postice impressus. *Corpus* oblongum. *Elytra* striis irregularibus punctisque disalibus, apice emarginata vel excisa.

Obs. To this subgenus the *Harpalus Thunbergi*, of Schöuherr appears to belong. It differs, however, from the following species, in being pubescent.

32. *VULNERIPENNIS*. *G. ater*, elytris decem-striatis: striâ secundâ brevi spatique inter strias tertiam et quartam septem punctato.

Long. corp. $\frac{1}{2}$ +

Insectum nitidiusculum. *Caput* lineâ transversâ anticâ utrinque fossulatâ. *Palpi* articulo ultimo piceo.

Antennæ obscuræ pubescentes. *Thorax* lateribus posticeque marginatus, medio canaliculatus. *Scutellum* inconspicuum. *Elytra* marginata striâ secundâ cum primâ ad scutellum confluentibus; striis quartâ et quintâ, sextâ et septimâ apice confluentibus, spatio inter septimam et octavam bi-vel-tripunctato, illoque inter decimam et striam marginalem punctato scabroso. *Pedes* nigri.

Genus HARPALUS Lat.

33. *PUNCTILABRIS*. *H. niger* antennis apice rufo-pubescentibus, labri limbo antico brunneo sexpunctato, facie transverse-lineatâ.

Long. corp. $\frac{1}{2}$

Caput