

XII. *Descriptions of Four New Species of Beetles, belonging to the Family Paussidæ. By J. O. WESTWOOD, F.L.S., &c.*

[Read 3rd July, 1854.]

HAVING recently, by the kindness of Professor Boheman and Herr Dohrn, become acquainted with four new species of *Paussidæ*, I have considered it would be useful to publish their characters, by way of supplement to the article upon that family contained in the 2nd volume of the New Series of our Transactions (p. 84), the number of species described in the family now extending to 89. Three of the species are natives of Caffraria, whence they were brought by Wahlberg, and are now contained in the Royal Museum of Stockholm; the fourth is a native of Ceylon, collected by Neitner, and is in the collection of Herr Dohrn himself. All the species belong to the genus *Paussus*.

Section A. Prothorax quasi bipartitus.

Sub-section b. Antennarum clava postice excavata.

Divis.\* Species Asiatica.

Sp. 48\* (55). *Paussus pacificus*, Westw. n. s.

*P. castaneus*, tenue punctatus et vage luteo-setosus, lateribus pronoti postice elytrorumque disco late nigris nitidis, femoribus obscuris, capite inter oculos tuberculo depresso semicirculari instructo, antennarum clava subovata, margine antico subrecto acuto, disco utrinque ad basin longitudinaliter impresso, margine postico excavato, pagina superiori excavationis recta, inferiori denticulis minutis 6 striolisque totidem transversis notata; prothorace sub-bipartito, parte antica capite paullo latiori elevata, in medio longitudinaliter parum impressa, lateribus obliquis et obtusis, medio pronoti fossula transversa brevi impresso; parte postica, ejusdem latitudinis lateribus integris, sensim angustatis; elytris prothorace multo latioribus, punctis minutissimis vix impressis, lateribus setis rubris curvatis brevibus marginatis, nigris, nitidis, basi, lateribus apiceque castaneis, podice castaneo, margine elevato nigro; pedibus gracilibus, obscure castaneis, tibiis posticis brevioribus latioribus 3 palporum maxillarium piceorum articulo 2<sup>do</sup> maximo fere circulari, palpis labialibus gracilibus sub-filiformibus fulvis.

Long. corp. lin.  $2\frac{2}{3}$ .

Habitat Ceylon. D. Neitner. In Mus. Dohrn.

Most nearly allied to the Chinese *Paussus Bowringii*, Westw. Proc. Linn. Soc. June 19, 1849, but at once distinguished by the spineless lateral margin of the fore part of the prothorax, the broad posterior tibia, &c.

Division \*\* Species Africanæ.

Sp. 63\* (56). *Paussus De Geerii*, Westw., n. s.

*P. sub-elongatus*, fulvus; elytris tenue punctatissimis, setis luteis brevibus obsitis; capite sat lato, inter oculos tuberculis duobus parvis rotundatis depressis inter se et oculos æque distantibus; antennarum clava oblonga curvata, margine antico acuto, apice rotundato, margine postico canaliculato, canali elongato subpyriformi, pagina superiori tuberculis 5 parvis rotundis instructo, posteriori vero parum latiori, inermi; prothorace subbipartito, parte antica capite vix latiori, angulato-elevata, in medio subemarginata, latioribus angulatis; parte postica angustiori, lateribus rectis parallelis elevatis, canali transverso submedio parum profundo, tuberculis duobus contiguis mediis postice terminato; elytris prothorace multo latioribus subparallelis; pedibus elongatis gracilibus; palpis maxillaribus crassis, articulo 2<sup>do</sup> maximo obconico, labialibus articulo ultimo elongato-ovali, dente medio menti fere obsoleto.

Long. corp. lin.  $3\frac{1}{3}$ .

Habitat in Caffraria. D. Wahlberg. In Mus. Reg. Holm.

In the curved clava of its antennæ as well as in general appearance this species approaches *P. Germari* and *Schaumii*, Westw. Trans. Ent. Soc. N. S. ii. p. 94.

Sp. 63\*\* (57). *Paussus Afzelii*, Westw. n. s.

*P. fulvus*, vix nitidus, tenuissime scaber; elytris nigris, basi sutura apiceque fulvis, luteo-setosis; capite antice oblique declivi, parte postica capitis semicirculariter et abrupte depressa; antennarum clava oblonga curvata subcultrata, margine antico acuto, apice rotundato, margine postico canaliculato, canali elongato angusto, pagina ejus superiori tuberculis sex minutis impressionibus totidem transversis conjunctis, pagina inferiori parum sinuata integra; prothorace capite parum angustiori subbipartito, parte antica longiori, lateribus rotundatis, in medio supra canali longitudinali fortiter impresso, medio disci fossula trigona impresso, antice utrinque tuberculo parvo rotundato instructo, parte postica

sensim latiori, lateribus obliquis; elytris prothorace multo latioribus, lateribus subparallelis; pedibus angustis compressis; corpore infra obscurius fulvo; palpis maxillaribus articulo 2<sup>do</sup> magno ovato, labialibus articulo ultimo ovali apice subacuto.

Long. corp. lin. 3.

Habitat in Caffraria. D. Wahlberg. In Mus. Reg. Holm.

This species is closely allied to the preceding, but is well distinguished by the narrow prothorax divided into two nearly equal parts, the anterior with the sides rounded, and the hinder part widest behind.

Sp. 66\* (58). *Paussus Bohemani*, Westw., n. s.

*P. fulvo-castaneus*, nitidus, setis longis erectis obsitus, abdomine obscuriori; capite subgloboso, cornu valido erecto verticali, clava antennarum ovali, glabra, basi supra apiceque in spinam reflexam acutam productis, margine postico canali tenui abbreviato utrinque lobis 5 rotundatis marginato; palpis longioribus, maxillarum articulo secundo subsecuriformi; dente medio menti oblitterato; prothorace subbipartito; parte antica antice capitis latitudine, subito elevata, angulis anticis subacutis et paullo porrectis, marginibus lateralibus in medio angulatis, apice anguli obtuso, disco e medio ad basin profunde impresso; parte postica latiori, breviori, angulis anticis angulato-porrectis, tuberculoque elevato oblongo supra rotundato sublaterali utrinque instructa; elytris parte postica pronoti parum latioribus, sensim paullo latioribus; pedibus elongatis, femoribus omnibus in medio clavatis setosis, tibiis curvatis, pone medium præsertim in pedibus intermediis crassioribus, his intus setosis, calcari minimo acuto; tarsis articulo basali minuto.

Long. corp. lin. 3.

Habitat in Caffraria. D. Wahlberg. In Mus. Reg. Holm.

This species is at once distinguished from every other in the genus by the clavate femora and denticulated prothorax. Its general habit is also quite peculiar.



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