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- castaneo-rufis, basi scutelloque obscurioribus.* Long. corp. lin. $7\frac{1}{4}$.—Hab. Philippine Islands, Cuming. Mus. Brit.
- Sp. 4. *Parastasia nigriceps*, W. *Luteo-fulva, capite, prothoracis maculis duabus alterisque duabus ad basin elytrorum tarsisque nigris.* Long. corp. lin. $5\frac{1}{2}$.—Hab. Philippine Islands, Cuming. Brit. Mus.
- Sp. 5. *Parastasia confluens*, W. *Nigra, prothorace in medio rufo et impresso, elytris obscure rufis, singulo maculis duabus luteis ovalibus contiguas ante medium positis.* Long. corp. lin. $5\frac{3}{4}$.—Hab. Philippine Islands, Cuming. Brit. Mus.
- Sp. 6. *Parastasia binotata*, W. *Nigra, elytrorum singulo macula magna, prope scutellum fulva.* Long. corp. lin. $8\frac{1}{4}$.—Hab. Java. Mus. Melly and Curtis.
- Sp. 7. *Parastasia Westwoodii*, Waterh. MSS. *Piceo-brunnea, sordide opaca, thorace utrinque plagis obliquis fasciisque obscura in medio elytrorum nigris antennis basi femoribus tibiisque lucidioribus.* Long. corp. lin. $5\frac{3}{4}$.—Hab. Sumatra. Mus. Zool. Soc.
- Sp. 8. *Parastasia Horsfieldii*, W. *Nigra, elytris posticè piceis.* Long. corp. lin. $9\frac{1}{2}$.—Hab. Java, Horsfield. Mus. East Ind. Comp.
- Sp. 9. *Parastasia bicolor*, W. *Nigra, prothorace miniato.* Long. corp. lin. 6.—Hab. Java, Horsfield. Mus. East Ind. Comp.

Mr. Westwood also exhibited figures of many new *Lamellicorn* groups, which he had for some time past been preparing for publication.

Professor Burmeister (who was present) stated, in confirmation of Mr. Westwood's observations on the relation of *Cryptodus* with the *Dynastidae*, that he had observed that the tarsi and unguis in that genus were dissimilar in the sexes, as in some of the aberrant *Dynastidae*, and that the genus *Trionychus* of Dejean appeared to him the nearest relation to *Cryptodus*, which he considered to be in no wise related to the *Cetoniidae*, as regarded by Mr. MacLeay.

A note was also read by Mr. Tulk on the habits of a large toad which he had found confined in a hole, out of which it was impossible for it to make its escape, and the intestines of which he found filled with the remains of various *Carabidae*, especially *Steropus madidus*, which had sought shelter in the same place, and which had scarcely undergone any change whilst in the stomach of the toad. This induced Professor Owen to observe that an examination of various kinds of *Coprolites* of animals analogous to the toad would probably lead to the discovery of many extinct species of insects of which we are now ignorant.

August 2nd, 1841.—John Walton, Esq., V.P., in the Chair.

Mr. S. Stevens exhibited a number of minute British *Coleoptera* recently captured in Kent, including specimens of a species of *Micronyx* Schönh., a genus not hitherto recorded as British, but which Mr. Curtis had described as a species of *Pissodes* (*P. pygmaeus*).

Mr. Curtis still however considered his insect as distinct, being smaller than Mr. Stevens's specimens; but Mr. Walton stated that he possessed specimens smaller than any of Mr. Curtis's.

Mr. F. Parry exhibited two cases of splendid insects (chiefly non-descripts) from the Himalayas.

Mr. Westwood stated that three specimens of *Carabus Schönherri* were taken on Ben Lomond in 1822 by A. Melly, Esq., in whose collection he had recently observed them. Mr. White also stated that there was a specimen in the British Museum cabinet, taken on Ben Lawes by Dr. Leach, which had also been supposed to be this species.

Mr. Westwood exhibited a few of the extensive collection of dissections made by Latreille, consisting of several hundred illustrations chiefly of the *Coleoptera* and *Hymenoptera*, accompanied by notes and sketches, and which had been presented to him by Mr. Melly. He commented upon the value of this collection, as affording the means of authenticating Latreille's various descriptions and notices; adding as a proof of the minute scrupulosity of that distinguished entomologist, that occasionally several dissections occurred of the same insect (four of *Oryssus* and three of *Psanmæchus* were exhibited): it likewise afforded the means of determining the precise types of certain genera, of which *Anteon* and *Ceraphron*, with their dissections, were exhibited as illustrations.

Mr. Westwood also exhibited Latreille's specimens and dissections of the anomalous genus *Prosopistoma*, from Madagascar, regarded by that author as Crustaceous near *Apus*, but which M. M. Edwards regards as the larva of some other crustaceous animal.

Mr. A. White exhibited a drawing of *Echidnocerus cibarius*, a new genus of Anomalous crabs, brought from the Colombia river by Sir George Staunton, used by the natives for food, and nearly allied to *Lithodes*, but distinguished by the spinose basal joint of the antenna. He also exhibited drawings of a species of *Ega*, allied to *E. affinis* of M. Edwards, taken on the cod by the Newfoundland fishermen, by whom it is called the fish-doctor. Its spawn is called by them egg-salve, and is used both as a salve and as a bait for the cod.

He also exhibited specimens of some very minute bees, which had lived in a colony for two years near Southampton. Their nest had been found in a piece of log-wood from Campeachy, from which they had been removed into a cocoa nut filled with pieces of log-wood, in which they had thriven and made honey. The specimens were too much damaged to admit either the genus or species to be determined.

The following memoirs were read:—

x. Monograph of the Elaterideous genus *Compso sternus*, Latr! By the Rev. F. W. Hope.

Sp. 1. (Type of the genus) *Elater fulgens*, Fabr. Long. corp. lin. 20.—Hab. China.

Sp. 2. *C. sumptuosus*, H. *C. aurato-viridis*, nitidus, capite anticè subfoveolato, elytris aurato-viridibus, acuminatis, glabris, nitidis et

x en. no *Compso sternus*

punctulatis. Long. corp. lin. $14\frac{3}{4}$.—Hab. Java? Manilla. Mus. Dupont.

Sp. 3. C. aureolus, H. *Metallico-viridis roseoque colore tinctus, antennis nigricantibus, thorace vix subconvexo, postice lobato, elytris viridibus striato-punctatis, striis haud fortiter impressis*. Long. corp. lin. $14\frac{1}{4}$.—Hab. Singapore. Tenasserim coast.

Var. C. Calanus, Hope, MSS. olim.

Sp. 4. C. Cantori, H. *Aeneus thorace marginato et tomentoso, antennis palpisque nigricantibus, thoracis lateribus roseo-cupreis, elytris aeneis, substriatis, tenuissime punctulatis*. Long. corp. lin. $22\frac{1}{2}$.—Hab. Assam. Dr. Cantor.

Sp. 5. C. Latreillii. *Purpureo-viridis, thorace in medio purpureo, lateribus roseis, elytris viridibus purpureoque tinctis; corpore infra aurato-viridi*. Long. corp. lin. $15\frac{1}{4}$.—Hab. Cochin China. Duvaucel. M. Dupont.

Sp. 6. C. Wilsoni, H. *Aurato-viridis, lateribus thoracis subroseo-tomentosis, elytris viridibus, antennis atro-violaceis, thorace subconvexo, tomentoso, medio viridi, lateribus aeneis roseo colore tinctis, elytris viridibus, lateribus auro fluentibus, femoribus tibiisque violaceo-aeneis, tarsis cyanescentibus*. Long. corp. lin. 18.—Hab. Madras and Neilgherry Mountains.

Sp. 7. C. Smaragdinus, H. *Viridis, antennis palpisque nigro-violaceis, scutello nigro-aeneo, elytris atro-viridibus subtilissime punctulatis, corpore infra cyaneo-viridi, femoribus tibiis violaceis tarsisque atro-piceis*. Long. corp. lin. 14.—Hab. Madras.

Sp. 8. C. Delessertii, Guérin.

Sp. 9. C. Duponti, H. *Viridis, thorace antice convexo, angulis lateralibus subdepressis, elytris viridibus tenuissime punctulatis, corpore infra subaurato-viridi, pedibus obscurioribus*. Long. corp. lin. 12.—Hab. Malabar. Mus. Dupont.

Sp. 10. C. rosicolor, H. *Puniceo-viridis roseoque colore tinctus, thorace vix convexo, punctato postice subprotenso roseo, elytris fortiter striato-punctatis, sutura marginibusque externis elevatis et roseis, pedibus flavo-testaceis, tarsis obscurioribus*. Long. corp. lin. $11\frac{1}{2}$.—Hab. Java. Mus. Dupont.

Sp. 11. C. Proteus, H. *Aurato-viridis, antennis nigricantibus, thorace convexo sub lente subtilissime punctulato, elytris auratis splendidis, marginibus lateralibus elevatis, sutura violacea, pedibus viridibus, tarsis piceis*. Long. corp. lin. 16.—Hab. Manilla.

Sp. 12. C. Stephensii, Hope. In Gray's Zool. Miscell.—Hab. Nepaul.

Sp. 13. C. Leachii, H. *Chalybeo-viridis thorace caerulescenti, elytris acuminatis et aeneo-virescentibus, thorace in medio parum convexo, elytris viridibus, corpore infra caerulescenti, pedibus coloribus*. Long. corp. lin. 17.—Hab. East India. Singapore.

Sp. 14. C. Echschoitzii, H. *Chalybeo-violaceus, capite inter oculos*

vix foveolato, antennis atro-violaceis, elytris sub lente tenuissime punctulatis, pedibus violaceis, tarsis infra piceo-pilosis.—Hab. Manilla.

Notice of a hitherto unobserved character distinguishing the sexes of certain *Lucanidae*. By J. O. Westwood (since published in the Annals of Natural History, vol. viii. p. 121).

Descriptions of some *Dynastidae*, in the collection of the Rev. F. W. Hope, illustrating the natural relations of the genus *Cryptodus* with figures. By J. O. Westwood.

RHIZOPLATYS, W. (Subg. nov. e genere *Phileuri*.) *Corpus oblongum subconvexum. Clypeus anticè acuminatus posticè tuberculo armatus. Antennæ articulo 1^{mo} latissimo. Maxilla galea tridentata, mandone inermi. Mentum magnum heptagonum, labium et articulos duos basales palporum labialium obtegens. Ungues pedum anticorum inæquales, articulo basali tarsorum posteriorum suprâ elongato-acuminato.*

Rh. cribrarius, W. *Piceo-niger prothorace rudè punctato, excavatione profundâ in parte medid et anticâ, utrinque tuberculis duobus elevatis armato, elytris irregulariter punctatis. Long. corp. lin. 10.*—Hab. Senegal?

ACTINOBOLUS, W. *Corpus oblongo-ovatum convexum. Clypeus anticè in lobos 5 rotundatos productus. Antennæ articulo 1^{mo} lato. Os inferum mento magno obtectum. Labrum transversum. Labium et palpi labiales (nisi apex articuli ultimi) mento obtecta. Mandibulæ corneæ, curvata apice tucata.*

Act. radians, W. *Piceo-rufus antennis tarsisque nigricantibus, capite posticè et prothorace anticè varioloso-punctatis, hoc lined dorsali impresso, elytris striato-punctatis. Long. corp. lin. 9.*—Hab. Brazil.

A review of the characters of the *Phileurideous Dynastidae* in comparison with those of *Cryptodus* and the two groups above described, was then made, and a description was added of a genus "which possesses a structure of the organs of the mouth quite unlike that of every other *Dynastideous* group;" namely,

LEPTOGNATHUS, W. *Corpus oblongo-ovatum convexum. Clypeus (os omnino obtegens) anticè in lobos duos rotundatos elevato-productus. Os inferum minutum mento magno clausum. Mandibulæ minutæ bipartitæ (ferè ut in *Cetonii*). Maxillæ lobis duobus minutissimis membranaceis (supero vel galed vix distinguendo). Prothorax magnus, ♂ anticè subquadratus impressione magnâ transversâ notatus.*

Leptognathus Latreillianus, W. *Piceo-niger, nitidus, prothorace rudè punctato posticè sulco impresso, elytris rudè punctato-striatis striis ante apicem confluentibus. Long. corp. lin. 8-10.*—Hab. Senegal.