

side of the pod through which it descends to the ground, into which it burrows about an inch, where it assumes the pupa state.

Depressaria Gossypiella. Dark fuscous brown, the head and thorax somewhat lighter in colour; fore wings with an undefined round blackish spot on the disk a little above the centre of a fascia of the same colour, crossing the wings a little above the apex, which itself is black; under wings silvery gray, darker towards the hinder margin. Length $\frac{4}{10}$ ths of an inch.

Descriptions of new Australian *Chrysomelidæ* allied to *Cryptocephalus*. By W. W. Saunders, Esq., President.

The name *Anodonta* having been previously employed in zoology, the author proposes the name of *Idiocephala* in its stead, and describes the following new species:—

Sp. 7. *Idiocephala similis*, S. Black; head, thorax and elytra deeply punctured, the latter with the surface undulating, somewhat fuscous at the apex; body beneath with the sides of the mesosternal region and of the abdominal segments silvery pilose; legs with a purplish iridescence. Length $\frac{14}{100}$ th of an inch. Cabinet Ent. Club. Inhabits New Holland.

Sp. 8. *Idiocephala Tasmanica*, S. Head rufous brown, with three round yellow facial spots; antennæ brown, darker at the tip, basal joint yellow; thorax rich rufous brown, margins yellow, and with two yellow longitudinal lines on the disk behind; elytra rufous brown, with the apex and margin round the scutellum yellow, each with four longitudinal carinæ; legs rufous brown. Length $\frac{12}{100}$ th of an inch. Cabinet Ent. Soc. Lond. Inhabits Van Diemen's Land. C. Darwin, Esq.

Sp. 9. *Idiocephala Darwinii*, S. Head black, with a large triangular patch in front; antennæ dusky brown, basal joints rusty brown beneath; thorax rufous brown, pitchy in front; elytra punctate-striate, dark metallic green, the apex luteous; legs horn-coloured; tarsi dusky. Length $\frac{9}{100}$ th of an inch. Cabinet Ent. Soc. Lond. Taken near Sydney, N. S. Wales. C. Darwin, Esq.

Sp. 10. *Idiocephala semibrunnea*, S. Head shining black; face rufous brown; antennæ black, basal joints rufous brown; thorax rufous brown; scutellum shining black; elytra brown, punctate-striate, margined with black, which ascends half-way along the suture; legs horny brown; tarsi pitchy. Length $\frac{9}{100}$ th of an inch. Cabinet Ent. Soc. London. Taken near Sydney by Mr. Darwin.

Monograph of the genus *Nyctelia*. By G. R. Waterhouse, Esq., who exhibited the extensive collection of that group belonging to the Marquis de Breme, who was present at the meeting.

[This memoir has subsequently been published in the Proceedings of the Zoological Society.]

Descriptions of new species of insects collected at Adelaide in South-Western Australia by Mr. Fortnum. By the Rev. F. W. Hope.

Fam. BUPRESTIDÆ.

Sp. 1. *Stigmodera Fortnumi*. Violacea, capite viridi, thorace

- punctulato lateribus flavo-marginatis, medio purpurascenti; elytris ternisque latis fasciis flavis insignitis.* Long. lin. 18, lat. lin. 8.
- Sp. 2. *Stigmodera Parryi.* Nigra, capite anticè argenteo; thorace nigro-punctato; elytris miniatis ad basin maculis ternis atris insignitis, binis externè humeralibus et elongatis, tertioque infra scutellum posito. Long. lin. $3\frac{1}{2}$, lat. lin. 1.
- Sp. 3. *Stigmodera Guerinii.* Violacea, thorace nigro marginibus auratis; elytris anticè et posticè nigro-violaceis, in medio fasciâ latâ flavâ insignitis. Long. lin. 3, lat. lin. $1\frac{1}{4}$.
- Sp. 4. *Conognatha Bremeri.* Nigra, capite æneo, medio fortiter impresso; thorace bronzeo, disco punctatissimo lineâ longitudinali, in medio vix impressâ, foveâ utrinque fortiter insculptâ; elytris nigris, binis fasciis rubris. Long. lin. 9, lat. lin. $3\frac{1}{2}$.
- Sp. 5. *Conognatha coccinata, Hope.* Coccinea, capite viridi antennisque concoloribus; thorace lætè miniato maculis ternis viridibus insignito; elytris coccineis, tribus fasciis lætè viridibus ornatis, primâ basali duobus aliis ferè apicalibus. Long. lin. $5\frac{1}{4}$, lat. lin. 2.

Fam. CANTHARIDÆ.

Tmesidera, Westwood in Guérin, Mag. Zool.

- Sp. 6. *Tmesidera violacea, Hope.* Violacea, capite nigro; thorace nigro anticè capite latiori, angulis anticis rotundatis, posticis ferè rectis; elytris varioloso-rugosis; corpore infrâ rubro. Long. lin. $5\frac{1}{4}$, lat. lin. $1\frac{3}{4}$.
- Sp. 7. *Tmesidera assimilis.* Nigra, antennis pedibusque concoloribus et nitidis; elytris rubro-testaceis lineis parùm elevatis. Long. lin. $4\frac{1}{2}$, lat. lin. $1\frac{1}{4}$.
- Sp. 8. *Tmesidera rubricollis.* Nigra, thorace rubro, elytris atris subrugosis pedibusque concoloribus; corpore infrâ nigro. Long. lin. 3, lat. lin. 1.

Fam. CARABIDÆ.

- Sp. 9. *Calosoma Curtisii.* Viride, thorace ferè glabro posticè fortiter impresso; elytris striato-punctatis et rugosis, punctisque impressis, in triplici serie ordinatis; infrâ piceum; pedibus antennisque piceis. Long. lin. 10, lat. lin. 4.
- Sp. 10. *Calosoma Australe.* Nigro-æneum, thorace subcordato punctulato, posticè utrinque fortiter impresso; elytris nigro-æneis, confertim punctato-striatis, punctis subæneis in triplici serie ordinatis. Long. lin. 10, lat. lin. $3\frac{1}{2}$.

Fam. HETEROMORPHIDÆ, Hope.

Silphomorpha, Westwood.

- Sp. 11. *Sil. Orectocheiloides, Hope.* Corpore suprâ nigro-piceo lateribus thoracis marginibusque elytrorum pallidioribus, infrâ brunneo-picea, antennis pedibusque concoloribus. Long. lin. $6\frac{1}{4}$, lat. lin. $2\frac{1}{4}$.
- Sp. 12. *Adelotopus Fortnumi, Hope.* Niger, marginibus lateralibus thoracis piceis, palpis ferrugineis; corpus infrâ atro-piceum, segmentis abdominis posticè brunneo-piceis, pedibus concoloribus. Long. lin. $3\frac{1}{2}$, lat. lin. $1\frac{1}{2}$.

Fam. HARPALIDÆ.

Acinopus, Ziegler.

- Sp. 13. *Ac. Australis*, Hope. *Niger, thorace magno, transversè subrugoso, marginibus externis thoracis posticè lætè cupreis; elytris ferè glabris, marginibus subæneis et punctatis.* Long. lin. 9, lat. lin. $2\frac{1}{2}$.

Fam. BYRRHIDÆ.

- Sp. 14. *Anthrenus Australis*. *Niger, capite atro, thorace medio concolori marginibus externis albis; elytris tribus fasciis undatis albis; corpore infrà nigro.* Long. lin. $1\frac{1}{4}$, lat. lin. $\frac{1}{2}$.

Fam. MELYRIDÆ.

- Sp. 15. *Dasytes nigricans*, Hope. *Ater pubescens, thorace longioribus capillis obsito; elytris atro-brunneis marginibus externis pallidioribus.* Long. lin. $1\frac{3}{4}$, lat. lin. $\frac{3}{4}$.
- Sp. 16. *Dasytes fuscipennis*. *Ater, antennis rubris; thorace pubescente, nigro; elytris fusco-testaceis punctatis, pedibus concoloribus.* Long. lin. $1\frac{3}{4}$, lat. lin. $\frac{3}{4}$.

Fam. PSELAPHIDÆ.

Articerus, Dalman.

- Sp. 17. *Articerus Fortnumi*. *Sanguineus, capite elongato-ovato fronte rotundato; thorace ferè quadrato, angulis anticis rotundatis, medio impresso; elytris thorace latioribus marginibus posticis nigricantibus; abdomine posticè rotundato utrinque macula nigra insignito.* Long. lin. $\frac{1}{2}$, lat. lin. $\frac{1}{4}$.

Mr. Evans communicated a notice relative to an exotic species of caterpillar of large size and black colour with red spots, the hairs of which are so rigid that they penetrate into the flesh when incautiously handled, causing much pain and inflammation.

Mr. Westwood stated that he had recently acquired the greater part of Latreille's original collection of bees from the Abbé Blondeau, by whom it had been purchased at the sale of the collection of Baron Déjean.

Mr. Edward Doubleday (in allusion to Mr. Saunders's paper) stated that in North America he had observed that the cotton plants are not attacked by any of the *Tineidæ*, but that they suffer greatly from the attacks of several species of *Noctuidæ*.

BOTANICAL SOCIETY OF EDINBURGH.

February 9, 1843.—Professor Graham in the Chair.

Professor Graham then read a highly interesting account of his botanical excursion in Ross-shire, during August 1842, with a party of friends:—

The party left Edinburgh on the 21st of August, and met at Dingwall—thence they walked by Garve, Auchnalt, &c. for Kinlochewe. On the low hills near Garve they found a sprinkling of alpine vegetation, and *Nymphæa alba*, beautifully in flower, in a pool near the top of



Hope, F. W. 1843. "Descriptions of new species of insects collected at Adelaide in south-western Australia by Mr. Fortnum. Proceedings of the Entomological Society for June 6, 1842." *The Annals and magazine of natural history; zoology, botany, and geology* 11, 317–319.

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