

a species of *Iguana*. An example seen by one of us was about 4 feet long, with a large dewlap and high dorsal crest extending down the back. It appears now to be restricted only to the eastern end of the island."

Mr. Rüse, of St. Thomas, has sent, during the printing of this paper, two bottles containing frogs from that island. One is marked *Hylodes martinicensis*, the other, *Cystignathus ocellatus*. After a careful examination and comparison with the other species of *Hylodes* and *Cystignathus*, I have convinced myself that both belong to one and the same species, and that those named *C. ocellatus* are merely the young of the other. The toes are not at all dilated; and the frogs belong to a new species of *Cystignathus*, which I call

*Cystignathus albilabris*.

Tympanum distinct, one-half the size of the eye. Vomerine teeth in two short series, behind the level of the interior nostrils. Tongue very slightly nicked posteriorly. Skin smooth, with an indistinct longitudinal fold on each side; a transverse fold between the fore-legs, another across the posterior third of the belly. Snout moderately produced. Tarsus with a longitudinal fold; interarticular tubercles prominent. Male with two vocal sacs, communicating with each other, each with a separate slit. A white or whitish streak round the snout to the axil.

Colour of the adult:—Above uniform dark bluish-black; the upper leg with some black cross-bars superiorly, and some whitish spots posteriorly. The lower parts white, the throat speckled with brown. The labial streak whitish, indistinct below the eye.

Colour of the young:—Brownish-olive marbled with darker; uniform white inferiorly; the labial streak white, very distinct.

These descriptions of the colours are taken from quite fresh specimens in spirits.

*Hab.* St. Thomas. The specimens are now in the British Museum.

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XXIII.—*Characters of some apparently undescribed Ceylon Insects.* By F. WALKER.

[Continued from vol. iii. p. 265.]

Fam. Curculionidæ.

**DESMIDOPHORUS DISCRIMINANS.** Ferrugineus, crassus, rostro robusto nigro nitente striato coxas anticas attingente, thorace tuberculato, elytris rude lineato-tuberculatis, vix dimidio apicali testaceo-albido, femoribus albido fasciatis. Long. 5 lin.

**DESMIDOPHORUS FASCICULICOLLIS.** Ferrugineus, crassus, rostro robusto nigro nitente basi punctato coxas anticatas attingente, thorace tuberculis duobus dorsalibus fasciculatis, elytris tuberculis nonnullis nigricantibus fasciculatis, fasciis duabus incompletis albidis, femoribus albedo fasciatis. Long. 3 lin.

**CAMPTORHINUS REVERSUS.** Niger, fusiformis, lateribus pectore ventre pedibusque cinereo-tomentosis, rostro nitente femoribus anticis non breviora basi punctato et cinereo, thorace conferte punctato, elytris punctato-striatis, lituris duabus posticis angulatis albidis, femoribus crassis unidentatis. Long. 4 lin.

**CAMPTORHINUS INDISCRETUS.** Piceus, longi-fusiformis, cinereo-tomentosus, rostro rufo nitente femoribus anticis non breviora apice nigro basi punctato et cinereo, thorace conferte punctato, elytris punctato-striatis nigro et cinereo variis, femoribus crassis unidentatis. Long.  $3\frac{3}{4}$  lin.

**SIPALUS? POROSUS.** Niger, subfusiformis, rostro nitente subcylindrico basi punctato et substriato femoribus anticis vix longiore, thorace ruguloso, elytris asperrime punctato-striatis apices versus bituberculatis, femoribus crassis subtus unidentatis. Long. 8 lin.

**SIPALUS? TINCTUS.** Ferrugineo-fuscus, fusiformis, rostro nigro subcylindrico striato basi fusco apicem versus nitente femoribus anticis paulo breviora, thorace tuberculato, elytris lineato-subtuberculatis, pedibus subtuberculatis, femoribus non dentatis. Long. 9 lin.

**RHYNCHOPHORUS INTRODUCENS.** Niger, velutinus, subtus nitens, rostro nitente striato, antennis piceis basi nigris, thorace obsolete olivaceo postice conico, elytris striatis, abdominis apice truncato-conico, femoribus basi tibiisque subtus aurato-pubescentibus, tarsorum articulo 4<sup>o</sup> dilatato subtus aurato-pubescente. Long. 18 lin.

**SPHENOPHORUS GLABRIDISCUS.** Niger, nitens, fusiformis, rostro punctato, thoracis disco plano, lateribus pectoreque punctatis, elytris punctato-lineatis, abdominis apice cinereo punctato. Long. 7 lin.

**SPHENOPHORUS CRIBRICOLLIS.** Niger, nitens, fusiformis, rostri dimidio basali punctato, antennis apice cinereis, thorace confertissime punctato, elytris punctato-lineatis. Long. 5 lin.

**SPHENOPHORUS EXQUISITUS.** Niger, obscurus, longi-fusiformis, rostro nitente glabro vix arcuato basi punctato, thorace subtilissime punctato, elytris scitissime punctato-lineatis luteo quadrimaculatis. Long.  $2\frac{3}{4}$  lin.

**SPHENOPHORUS? PANOPS.** Niger, subtus testaceo-tomentosus, rostro nitente glabro, oculis supra contiguus, antennis rufis, thorace subtilissime punctato, elytris scite punctato-lineatis, macula trigona basali apiceque testaceo-albidis, fasciis duabus obliquis canescentibus, pedibus cano-tomentosis. Long.  $2\frac{1}{2}$  lin.

**COSSONUS? HEBES.** Niger, obscurus, longi-fusiformis, rostro breviter punctato, thorace subtilissime punctato, elytris scite punctato-lineatis. Long.  $2\frac{1}{4}$ - $2\frac{1}{2}$  lin.

- COSSONUS QUADRIMACULA.** Niger, fusiformis, rostro sat tenui, thorace confertissime punctato, elytris scite punctato-lineatis. Long.  $1\frac{1}{4}$  lin.
- SITOPHILUS DISCIFERUS.** Niger, nitens, rostro brevi lato, thoracis disco concavo rude punctato, elytris rufis scite lineato-punctatis apices versus nigris. Long.  $1\frac{1}{2}$ – $1\frac{3}{4}$  lin.
- MECINUS? RELICTUS.** Ater, ellipticus, nitens, rostro tenui glabro coxas intermedias attingente, thorace scitissime punctato, elytris subtilissime punctato-lineatis. Long.  $1\frac{1}{4}$ – $2\frac{1}{4}$  lin.

Fam. Coccinellidæ.

- COCCINELLA TENUILINEA.** Nigra, capite testaceo macula discali nigra, thorace testaceo, margine postico maculisque duabus margine connexis maculisque duabus anticis lateralibus nigris, elytris rufis margine tenuissimo nigro. Long.  $1\frac{1}{2}$  lin.
- COCCINELLA REJICIENS.** Rufa, corporis subtus disco nigro, thorace macula discali nigra, elytris plagis duabus posticis transversis maculisque duabus apicalibus nigris. Long. 2 lin.
- COCCINELLA INTERRUMPENS.** Rufo-fulva, elytris vittis tribus bis-interruptis nigris. Long.  $1\frac{1}{2}$  lin.
- COCCINELLA QUINQUEPLAGA.** Rufo-fulva, capitis thoracisque discis nigris, elytris sutura plaga discali plagaque apicali nigris. Long.  $\frac{3}{4}$  lin.
- COCCINELLA SIMPLEX.** Testacea, pubescens, oculis nigris. Long.  $\frac{1}{2}$  lin.
- COCCINELLA ANTICA.** Rufescenti-testacea, thorace maculis tribus nigris, elytris glabris. Long.  $\frac{2}{3}$  lin.
- COCCINELLA? FLAVICEPS.** Nigra, pubescens, capite pedibusque flavescentibus, elytris subtilissime punctatis. Long.  $\frac{2}{3}$  lin.
- SCYMNUS VARIABILIS.** Niger, elytris lutescentibus vitta lata suturali vittisque duabus marginalibus nigris postice abbreviatis. Long.  $\frac{1}{2}$  lin.
- CHILOCORUS OPPONENS.** Rufescens, thorace plaga discali maculisque duabus lateralibus nigris, elytris nigris plagis duabus discalibus anticis nigris. Long. 2 lin.

Fam. Endomychidæ.

- LYCOPERDINA GLABRATA.** Fulvescens, elytris subtilissime punctatis. Long.  $1\frac{1}{2}$  lin.

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ADDENDA.

- SISYPHUS PROMINENS.** Niger, obscurus, capite rude punctato, clypeo angulato bidentato, thorace conferte punctato, elytris rude lineatis et foveatis, femoribus posticis basi coarctatis. Long.  $3\frac{1}{2}$  lin.

- ORPHNUS SCITISSIMUS.** Ater, subtus pilosus, capite conferte punctato postice glabro, antennis testaceis, thorace subtilissime punctato, elytris scitissime punctato-lineatis, pedibus robustis fortissime dentatis. Long. 4 lin.
- RHIZOTROGUS SULCIFER.** Piceo-rufus, antennis elytris corpore subtus pedibusque testaceis, capite thoraceque rude punctatis, elytris conferte punctatis, sulcis sex basalibus. Long. 6 lin.
- PLECTRIS GLABRILINEA.** Piceo-ferruginea, viridi subnitens, conferte punctata, non pilosa, antennis fulvis, elytrorum foveis duabus humeralibus, lineis tribus glabris. Long.  $4\frac{1}{4}$  lin.
- PLECTRIS PUNCTULIGERA.** Cupreo-picea, pilosa, conferte et rude punctata, antennis lutescentibus, elytrorum foveis duabus humeralibus, lineis tribus glabris. Long.  $3\frac{1}{2}$ –4 lin.
- ANOMALA INFIXA.** Cupreo-viridis, confertissime punctata, capite antico corpore subtus pedibusque viridi-ferrugineis, thorace foveis duabus lateralibus rotundis, elytris scite punctato-lineatis, tuberculis duobus subapicalibus fuscis. Long. 5 lin.
- MIMELA MUNDISSIMA.** Saturate viridis, subtilissime punctata, subtus rufescens, capite antico thoracis et elytrorum lateribus viridescenti-flavis, antennis lutescentibus, pedibus viridi-rufis. Long. 7 lin.
- TROPIDERES FRAGILIS.** Niger, capite testaceo-pubescente, antennis gracillimis, thorace plaga antica maculisque duabus discalibus testaceis, elytris striatis, maculis duabus humeralibus punctisque testaceis, pedibus ferrugineo variis. Long. 2 lin.

## Order ORTHOPTERA.

### Fam. Blattidæ.

- PANESTHIA PLAGIATA.** Nigra, lata, robusta, rude punctata, capite glabro, thoracis sulco transverso arcuato, elytris costa basi dilatata, fascia brevi lata obliqua testacea.

Black, broad, stout, roughly and irregularly punctured. Head smooth. Thorax with a curved transverse furrow. Legs very stout and spinose. Elytra with the costa dilated towards the base, near which they are minutely punctured, and have a broad, short, oblique testaceous band, which is abbreviated hindward. Length of the body 13 lines.

### Fam. Mantidæ.

- HARPAX SIGNIFER.** Fulvus, oculis subcornutis, thorace marginato antice carinato postice conico lateribus subdilatis, pedibus anticis incrassatis spinosis, alis anticis pallide viridibus basi fulvis annulo discali nigro biguttato.

Tawny. Head ridged on the face. Eyes produced and slightly diverging, conical or somewhat cornute, with a protuberance between them. Thorax with an elevated border, keeled in front,

slightly dilated in the middle, conical hindward. Fore legs incrassated, spinose. Fore wings pale green, tawny towards the base; middle part with a large black ringlet which contains two black dots. Length of the body 10 lines.

Fam. Gryllidæ.

**ACHETA SUPPLICANS.** Sordide testacea, capitis margine postico discoque antico nigricantibus, thoracis margine postico fasciaque incompleta nigricantibus, oviductu longo, alis lanceolatis, anticis fuscescentibus, posticis longissimis.

Dingy testaceous. Head blackish behind and on the disk in front. Thorax with a slight longitudinal furrow, blackish along the hind border, and with an irregular and incomplete blackish band. Abdomen blackish above; ovipositor longer than the abdomen; caudal setæ very bristly, as long as the ovipositor. Legs with slight blackish marks; hind tibiæ very spinose. Fore wings brownish, lanceolate. Hind wings lanceolate, pale testaceous, twice the length of the fore wings. Length of the body 6 lines.

**ACHETA ÆQUALIS.** Pallide testacea, capitis disco nigro semicirculum testaceum includente, lituris inter antennæ duabus nigris, thorace fascia arcuata liturisque duabus capitatis nigris, pedibus crassis, tibiis nigro-fasciatis, alis anticis longissimis nigro-venosis.

Pale testaceous. Head black above, including a pale testaceous semicircle, and with two black marks between the antennæ, which are tawny, except at the base. Thorax with a curved hindward black band which is attenuated on each side, and projects a streak, on each side of which there is an irregular capitate black mark. Legs very stout; tibiæ with black bands. Fore wings very long, with brown reticulations. Length of the body 8 lines.

**ACHETA CONFIRMATA.** Cervina, capitis disco nigro lineam transversam maculamque anticam testaceas includente, abdomine supra nigricante, alis anticis parvis, posticis longis lanceolatis testaceis.

Fawn-colour. Head shining, with a black disk, which includes a transverse testaceous line behind the antennæ and a testaceous spot between them. Thorax minutely rugulose, and with a slight suture, which is obsolete hindward. Hind legs very stout; tibiæ with thick spines. Abdomen blackish above; setæ bristly, shorter than the abdomen. Fore wings short. Hind wings testaceous, lanceolate, fully twice the length of the hind wings. Length of the body 6 lines.

**PLATYDACTYLUS CRASSIPES.** Rufescens, glaber, capite subconico, antennis fulvis longis subpubescentibus, palpis testaceis, pedibus testaceis crassis, tibiis anticis spinosis, alis breviusculis pallide fuscescentibus.

Reddish, smooth. Head somewhat conical. Antennæ tawny, very long, minutely pubescent. Palpi testaceous. Legs testaceous, very stout, with a few slight blackish marks; fore tibiæ

with stout spines. Wings pale brownish, rather short; hind wings a little longer than the fore wings. Length of the body 12 lines.

**STERODON LANCEOLATUM.** *Fœm.* Testaceo-viride aut pallide viride, longa, gracilis, capite conico, antennis longis, thorace rectangulato, abdomine brevi, oviductu falcato, alis longis angustis, anticis albido-hyalinis apice viridescens.

*Female.* Testaceous green or pale green, long, slender. Head conical, with a reddish band on the vertex. Antennæ long and slender. Thorax rectangular, much longer than broad. Abdomen short. Oviduct short, broad, falcate, much compressed. Legs long and slender. Wings long and narrow. Hind wings whitish hyaline, greenish at the tips, longer than the fore wings. Length of the body 8 lines, of the wings 24 lines.

**TRUXALIS EXALTATA.** Viridescens-testacea, capite cornu longum lanceolatum elevatum subobliquum fingente, oculis valde elongatis, thorace tricarinato, pectore ventrisque dimidio basali nigricantibus, alis longis angustis, anticis viridibus, posticis hyalinis.

Greenish-testaceous. Head produced into a long, ascending, slightly oblique horn. Eyes much elongated, near the tip of the horn. Thorax with three ridges. Pectus blackish. Abdomen long, black beneath for half the length from the base. Hind legs very long. Wings long and narrow. Fore wings green. Hind wings hyaline. Length of the body 20 lines.

**TRUXALIS PORRECTA.** Ferruginea, nigricante varia, capite porrecto lanceolato vix ascendente antice sulcato, antennis compressis, alis abdomen sat superantibus, posticis cinereis.

Ferruginous, with various blackish marks. Head porrect, lanceolate, hardly ascending, rounded and slightly bilobed in front. Antennæ flattened, hardly longer than the head. Thorax longer than the head. Abdomen obtuse and vertically expanding at the tip. Wings extending some distance beyond the abdomen. Hind wings grey. Length of the body 10 lines.

**ACRYDIUM EXTENSUM.** Testaceum, fulvo varium, capitis fronte vittaque nigricantibus, antennis luteis apice fuscis, thorace punctato unicarinato vittis tribus nigris, alis cinereis, anticis subluridis nigricante notatis.

Testaceous, partly tawny, more greenish when living. Head blackish in front, and with a blackish stripe, which contains a slight testaceous keel, and has a row of black points along each side. Antennæ luteous, brown towards the tips. Thorax roughly punctured, with a slight blackish keel, and with a black stripe on each side. Wings grey. Fore wings with a lurid tinge, with slight blackish marks; veins tawny. Length of the body 20 lines.

**ACRYDIUM DEPONS.** Testaceum, capite vittis duabus nigricantibus, antennis luteis apice fuscescentibus, thorace fuscescente tri-

carinato, pedibus anterioribus fusciscentibus, femoribus posticis extus nigro vittatis, spinis tibiaram posticarum albis apice nigris, alis cinereis, anticis fusco notatis postice luridis.

Testaceous. Head with two blackish stripes, which diverge slightly hindward. Antennæ luteous, with brownish tips. Thorax mostly brownish, with three keels, the middle one very slender. Anterior legs brownish. Hind legs testaceous; femora with a black stripe on the outer side, which, as usual, has an elevated border and angular sutures; tibiæ with strong white black-tipped spines. Wings grey. Fore wings with various brown marks, lurid along the hind border. Length of the body 15 lines.

**ACRYDIUM RUFITIBIA.** Obscure cervinum, antennis testaceis, thorace subruguloso supra nigricante unicarinato, femoribus posticis fuscis subtus testaceis, tibiis tarsisque posticis læte rufis, alis anticis subcervinis apud costam nigricantibus, posticis cinereis.

Dull fawn-colour. Antennæ testaceous. Thorax minutely rugulose, blackish above, with a very slight middle keel. Hind femora brown, testaceous beneath; outer side as in *A. deponens*; hind tibiæ and hind tarsi bright red, the former with pale black-tipped spines. Fore wings dull fawn-colour, blackish along most of the costa. Hind wings grey. Length of the body 16 lines.

**ACRYDIUM RESPONDENS.** Cervinum, nigro conferte notatum, femoribus posticis extus glaucescentibus, tibiis posticis læte rufis, alis anticis nigris testaceo notatis, posticis cinereis.

Fawn-colour, thickly marked with black. Antennæ mostly blackish, except towards the base. Hind femora with a glaucous tinge, and with the usual structure on the outer side; hind tibiæ bright red. Fore wings black, with various testaceous marks. Hind wings grey. Length of the body 10–12 lines.

**ACRYDIUM CINCTIFEMUR.** Cervinum, tuberculatum, nigro varium, subtus testaceum, pedibus nigro fasciatis, tibiis posticis glaucis basi nigris testaceo fasciatis, alis anticis nigris testaceo variis, posticis cinereis.

Fawn-colour, varied with black, tuberculate, testaceous beneath. Head and antennæ mostly black. Legs with black bands. Hind femora of the usual structure; hind tibiæ glaucous, black and testaceous towards the base. Fore wings black, varied with testaceous. Hind wings grey. Length of the body 10 lines.

**ACRYDIUM? NIGRIFASCIA.** Sordide testaceum, oculis valde extantibus, thorace plano tricarinato fascia lata nigra, pedibus nigro variis, tibiis posticis basi albidis, alis anticis nigro variis.

Dingy testaceous, tinged with green. Eyes extremely prominent. Thorax somewhat flat above, with a broad black band, and with three keels; the lateral keels angular. Legs of the usual structure, varied with black; hind tibiæ whitish at the base. Fore wings varied with black. Length of the body 4 lines.

Order PHYSAPODA.

*PHLEOTHIRIPS STENOMELAS*. Ater, antennis concoloribus, capite glabro, thorace striis transversis; abdomine lineari apice lanceolato.

Deep black. Antennæ submoniliform. Head smooth, nearly as long as the thorax, which is transversely striated. Abdomen linear, lanceolate at the tip. Fore legs thick. Length  $1\frac{3}{4}$  lin.

XXIV.—Descriptions of two new Species of American Parrots.

By PHILIP LUTLEY SCLATER, M.A., Secretary to the Zoological Society.

1. *Conurus holochlorus*.

Læte viridis unicolor; subtus dilutior: remigibus et rectricibus infra saturate flavicanti-olivaceis: rostro albo: pedibus clare brunneis. Long. tota 11·0, alæ 6·5, caudæ 5·5.

*Hab.* in vicinitate urbis Jalapa in rep. Mexicana.

The large collection of birds made in the vicinity of Jalapa, in the Mexican State of Vera Cruz by Señor Rafael Montes de Oca, contained four examples of this Parrot,—the first which have come under my notice. It is a close ally of *Conurus pavua* (Bodd.) (*Psittacus guianensis*, Gm.), but readily distinguishable by the absence of red and yellow on the under wing-coverts, which are green like the body.

The Parrots of which I have now seen examples undoubtedly from Mexico, are the following:—

1. *Rhynchopsitta pachyrhyncha* (Sw.), Phil. Mag. 1827, p. 429. *Hab.* Table-land of Mexico from Rio Grande into State of Vera Cruz.

2. *Conurus holochlorus*, Sclater. *Hab.* Vicinity of Jalapa, probably table-land.

3. *Conurus Petzii*, Hahn, Papag. t. 64. *Hab.* Tierra caliente of Vera Cruz; Acapulco (Boucard).

4. *Conurus astec*, Souancé, Rev. Zool. 1856, p. 154. *Hab.* Tierra caliente of Vera Cruz; Cordova (Sallé).

5. *Conurus lineolatus* (Cassin); *Psittacula lineola*, Cass. Pr. Ac. Sc. Phil. vi. 372. *Hab.* Vera Cruz, vic. of Cordova (Sallé).

6. *Pionus senilis* (Spix); *Ps. leucorhynchus*, Sw. *Hab.* Vera Cruz, vic. of Cordova (Sallé).

7. *Chrysotis ochroptera* (Gm.) *Hab.* Tierra caliente of Vera Cruz (Sallé),

8. *Chrysotis viridigenalis*, Cassin, Pr. Ac. Sc. Phil. vi. 371. *Hab.* Tierra caliente of Vera Cruz (Sallé).

9. *Chrysotis æstivalis*, Bp. MS.; *C. autumnalis*, Sclater, P. Z. S. 1857, p. 205. *Hab.* Tierra caliente of Vera Cruz.