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CATALOGUE

OF THE

SPECIMENS

OF

HETEROPTEROUS HEMIPTERA

IN

THE COLLECTION

OF THE

BRITISH MUSEUM.

BY

FRANCIS WALKER, F.L.S., &c.

PART II.

SCUTATA.

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PREFACE.

The object of the present Catalogue is to give a complete List of all the genera and species of Heteropterous Hemiptera known to exist in the collections of European and American Entomologists. The letters *a*, *b*, *c*, &c., after the species, denote the specimens now contained in the British Museum, followed by the *habitat* and the mode in which each of them was obtained; and the absence of these *letters* indicates the species which are desiderata, and therefore desirable to be procured for the collection.

J. E. GRAY.

British Museum,

1*st October*, 1867.

CATALOGUE

OF

HEMIPTERA HETEROPTERA.

PART II.

Fam. 6. PENTATOMIDÆ, *C. H.* 192.

Macropeltidæ, p., *Fieb. Hem.* 327.

Genus 1. LOXA, *C. H.* 198.

1. Loxa flavicollis, *C. H.* 198.

a, *b*. Jamaica. From Mr. Gosse's collection.
c, *d*. Jamaica.
e, *f*. Brazil. Presented by Sir C. Stuart.
g, *h*. St. Domingo. From Mr. Tweedie's collection.
i. St. Domingo. From Mr. Hearne's collection.
j, *k*. St. Domingo. Presented by W. W. Saunders, Esq.
l. Cayenne. Presented by W. W. Saunders, Esq.
m. ———? From Mr. Children's collection.

2. Loxa affinis, *C. H.* 198.

a. Para. From Mr. Bates' collection.

Fecelia 3. (Loxa) nigridens.

Viridis; caput testaceum; antennarum articulus 2us 3o fere duplo longior; thorax callis quatuor glabris margineque antico testaceis, spinis nigris longis subascendentibus; scutelli latera testacea; abdomen subtus sulcatum, apice emarginatum; alæ anticæ albo unipunctatæ, membrana pellucida punctis nonnullis cyaneo-viridibus.

Grass-green, finely punctured, paler beneath. Head mostly or wholly testaceous. Rostrum extending to the middle of the second abdominal segment. Antennæ much shorter than the body; first joint extending to the front; second almost twice the length of the third; fourth and fifth a little longer than the third. Thorax partly black-punctured, testaceous in front and with a testaceous smooth interrupted band formed by four calli; sides serrated in front; spines black, long, acute, slightly ascending.

Scutellum irregularly pale testaceous along each side. Abdomen deeply emarginated at the tip, slightly furrowed beneath from the base to the hind border of the fourth segment. Fore wings with a white point in the disk beyond the middle; membrane limpid, with a few bluish green points. Length of the body 7½—8½ lines.

The greater length of the second joint of the antennæ and the black spines of the thorax distinguish it from the other species of the genus.

a, *b*. St. Domingo. From Mr. Tweedie's collection.

4. Loxa hæmatica.

Cimex hæmaticus, *H.-Sch. Wanz. Ins.* vi. 70, pl. 203, f. 636.

Brazil.

5. Loxa vigens.

vigens, *Stal*, *Rio Jan. Hem.* 19.

Rio Janeiro.

6. Loxa curvidens.

curvidens, *Mayr*, *Verh. Zool. Bot. Wien.* xiv. 909; *Novara Hem.* 50, f. 8.

Brazil.

7. Loxa invaria.

Testacea; thorax spatiis duabus glabris unituberculatis, spinis acutis vix ascendentibus; venter subsulcatus; alæ anticæ punctis nonnullis pallidioribus, membrana pellucida.

Testaceous, minutely punctured, paler beneath. Head finely and transversely striated. Rostrum extending to the hind border of the first abdominal segment. Thorax with a tubercle in a smooth transverse space on each side near the fore border; sides serrated; spines acute, hardly ascending. Abdomen beneath with a very slight furrow, which extends to the hind border of the fourth segment. Fore wings with a few paler points; membrane and hind wings pellucid. Length of the body 10 lines.

It much resembles *L. affinis*, but the head is narrower in front, the sides of the thorax are more finely serrated, and the spines are more slender and a little longer.

a. British Guiana.

8. Loxa deducta.

Viridis, atomis plurimis pallidioribus; capitis latera testacea; antennarum articulus 2us 3o paullo brevior; thorax spatiis duobus glabris unituberculatis, spinis ferrugineis vix ascendentibus; ventris discus testaceus; alæ anticæ membrana pellucida cyaneo-viridi conspersa.

Grass-green, finely punctured, much paler beneath, where the disk of the abdomen is pale testaceous. Head finely and transversely striated; sides pale testaceous. Rostrum extending a little beyond the hind border of the second abdominal segment. Antennæ pale testaceous, much shorter than the body; first joint extending to the front of the head; second a little shorter than the third; fourth a little longer than the third; fifth not longer than the second. Thorax, scutellum and corium with numerous paler

points. Thorax on each side near the fore border with a smooth transverse space which includes a small tubercle; sides finely serrated; spines ferruginous, acute, hardly ascending. Scutellum finely and transversely striated, except towards the tip. Abdomen not furrowed beneath. Membrane of the fore wings pellucid, with several bluish green points. Length of the body 7½ lines.

The spines of the thorax are much longer than those of *L. invaria*, but much shorter than those of *L. nigridens* and of *L. flavicollis*, and the second joint of the antennæ is longer in proportion. *L. vigens* is distinguished from it by the white point on the corium.

a. Santarem. From Mr. Bates' collection.

Genus 2. GALEDANTA, *C. H.* 198.

1. Galedanta Myops, *C. H.* 199.

Rio Janeiro.

a—d. Brazil. From Mr. Mornay's collection.

Genus 3. AGRÆCUS, *C. H.* 199.

1. Agræcus griseus, *C. H.* 199.

a. British Guiana. Presented by Sir R. Schomburgk.
b—e. Brazil. Presented by E. Doubleday, Esq.

2. Agræcus luridus, *C. H.* 200.

a—b. Brazil. Presented by E. Doubleday, Esq.

Genus 4. MACROMOLUS, *C. H.* 200.

1. Macromolus nervosus, *C. H.* 200.

a. Australia. Presented by Sir J. Richardson.
b. Australia. From Mr. Dring's collection.

Genus 5. EUSCHISTUS, *C. H.* 201.

North America.

1. Euschistus crassus, *C. H.* 205.

a. St. John's Bluff, East Florida. Presented by E. Doubleday, Esq.
b—e. New York. Presented by F. Walker, Esq.

2. Euschistus inconspectus, *C. H.* 206.

a. St. John's Bluff, East Florida. Presented by E. Doubleday, Esq.
b, c. New York. Presented by F. Walker, Esq.
d—g. ———? From Mr. Children's collection.
h—j. ———?

3. Euschistus ictericus, *C. H.* 206.

a, b. St. John's Bluff, East Florida. Presented by E. Doubleday, Esq.
c, d. New York. Presented by F. Walker, Esq.

4. Euschistus punctipes, *C. H.* 207.

a, b. North America. Presented by the Entomological Club.
c—g. Nova Scotia. From Lieut. Redman's collection.
h. Trenton Falls, New York. Presented by E. Doubleday, Esq.
i—q. New York. Presented by F. Walker, Esq.
r—t. Illinois. Presented by F. Walker, Esq.
v. Connecticut. Presented by F. Walker, Esq.
u. New York. Presented by Dr. Fitch.
w. ——— ? From Mr. Children's collection.
x—z. ——— ?

5. Euschistus luridus, *C. H.* 207.

a—f. Nova Scotia. From Lieut. Redman's collection.
g, h. Trenton Falls, New York. Presented by E. Doubleday, Esq.
i, j. Connecticut. Presented by F. Walker, Esq.
k. New York. Presented by F. Walker, Esq.

6. Euschistus tristigma, *C. H.* 207.

North America.
a. ——— ?

Mexico.

7. Euschistus obscurus, *C. H.* 208.

Mexico.
a. Nevis. Presented by the Entomological Club.
b, c. Central America. From Mr. Children's collection.

8. Euschistus bifibula, *C. H.* 204.

Mexico.
a. Honduras. From Mr. Dyson's collection.

9. Euschistus spurculus.

Euschistus (Lycipta) spurculus, *Stal, Stett. Ent. Zeit.* xxiii. 100.
Mexico.

10. Euschistus biformis.

biformis, *Stal, Stett. Ent. Zeit.* xxiii. 100.
Mexico.

11. Euschistus strenuus.

strenuus, *Stal, Stett. Ent. Zeit.* xxiii. 100.
Mexico.

12. Euschistus castus.

Thyanta casta, *Stal, Stett. Ent. Zeit.* xxiii. 104.
Mexico.

Pygolampis punctulata F 12. EUSCHISTUS FASCIATUS.

Viridis, aspere punctatus; caput ferrugineo bivittatum, testaceo binotatum; thorax maculis duabus viridibus testaceo cinctis, fascia ferruginea, spinis rufescentibus acutis obliquis; abdomen ochraceum, vitta plagisque duabus piceis, connexi vis viridi ochraceo strigato; pedes pallide virides, tarsis rufescentibus.

Green, oval, roughly punctured, paler beneath. Head with a ferruginous stripe, which is dilated towards the hind border, and with a testaceous mark on each side by the eye; lobes of equal length, connected at their tips. Rostrum with a black tip, extending a little beyond the hind coxæ. Antennæ green, slender, a little more than half the length of the body; first joint not extending to the front of the head; second almost twice the length of the first; third and fourth piceous for half the length from the tips; third a little shorter than the second; fourth a little longer than the third; fifth reddish, shorter than the fourth. Thorax with a transverse testaceous callus on each side in front, including a green punctured spot; a ferruginous band between the spines, which are reddish, acute, prominent and bent forward. Scutellum extending nearly to the hind border of the third abdominal segment. Abdomen ochraceous, with a piceous patch on each side at the base and with a piceous stripe; border green, with an ochraceous streak on the outer side of each segment. Legs pale green; tarsi reddish. Hind wings and membrane of the fore wings pellucid. *Var. β.*—Abdomen green on each side and at the tip. Length of the body 5½ lines.

a, b. Oajaca. From M. Sallé's collection.

14. EUSCHISTUS LINEATUS.

Pallide luteus, nigro punctatus; capitis lobus medius glaber; antennæ rufæ, thorax fasciis quatuor glabris indeterminatis, lateribus subserratis, spinis latis acutis abbreviatis; scutellum vittis quatuor glabris; alæ anticæ vittis quatuor glabris.

Pale luteous, elliptical, irregularly punctured; punctures black. Head elongate-conical; lobes of equal length; middle lobe mostly smooth. Rostrum with a black tip, extending to the hind coxæ. Antennæ red, full half the length of the body; first joint extending nearly to the front of the head; second much shorter than the third; fourth nearly as long as the third; fifth a little shorter than the fourth. Thorax with four smooth bands, of which the third between the spines is much more regular and complete than the others; sides slightly serrated; spines broad, acute, not prominent. Scutellum with four smooth stripes, of which the inner pair are parallel and do not extend to the fore border. Legs slender. Fore wings with four smooth stripes; membrane pellucid, with brown veins. Length of the body 5 lines.

It differs much from all the other species, and will form a division in the genus.

a. Vera Cruz. From M. Sallé's collection.

West Indies.

15. Euschistus pallipes, *C. H.* 204.

a, *b*. Jamaica. From Mr. Gosse's collection.
c, *d*. Jamaica. Presented by W. W. Saunders, Esq.

16. Euschistus crocipes, *C. H.* 204.

a—c. South America. From Mr. Children's collection.
d. St. Domingo. From Mr. Hearne's collection.

17. Euschistus acuminatus.

Testaceus, scite punctatus; antennæ pallide testaceæ; thorax fascia lituris duabus hamatis spinisque nigris; scutellum nigro guttatum apice flavo-album; alæ anticæ nigro uniguttatæ.

Testaceous, nearly oval, minutely punctured, partly and slightly greenish beneath. Head conical; lobes of equal length; lateral lobes much rounded in front. Rostrum with a black tip, extending to the hind coxæ. Antennæ paler than the body and rather more than half its length; first joint not extending to the front; second a little longer than the first; third nearly twice the length of the second; fourth a little longer than the third; fifth rather shorter than the fourth. Thorax with a black hook-shaped mark on each side in front and with a black band between the spines; this band is dentate on the fore side and diffuse on the hind side; spines black, stout, prominent, slightly ascending. Scutellum with some black dots on the fore border and on the fore part of each side; tip yellowish white. Legs paler than the body. Fore wings with a black dot in the disk; membrane cinereous. Length of the body $5\frac{1}{2}$ lines.

The band of the thorax, the more acute spines and the fore wings without pale points distinguish it from *E. apicalis*.

a, *b*. St. Domingo. From Mr. Tweedie's collection.

18. Euschistus reductus.

Stramineus, rufescente conspersus; caput nigricante marginatum; antennæ graciles, corporis dimidio vix longiores; thorax lateribus subserratis, spinis latis acutis nigro marginatis; abdomen dorso ochraceo, punctis ventralibus marginalibus nigris; alæ anticæ membrana subreticulata.

Straw-colour, elliptical, minutely and irregularly punctured; punctures reddish; under side and legs paler. Head conical, with two blackish very slender marginal lines; lobes of equal length. Rostrum with a black tip, extending to the middle coxæ. Antennæ slender, hardly more than half the length of the body; first joint extending nearly to the front of the head; second much shorter than the third; third and fifth a little shorter than the fourth. Thorax slightly serrated on each side in front; spines broad, acute, prominent, bordered with black. Scutellum smooth at the tip. Abdomen ochraceous above; under side with black marginal points on the sutures of the segments. Legs slender. Membrane of the fore wings pale cinereous; veins brown, slightly reticulated. Length of the body 4 lines.

It may be distinguished from *E. luridus* by the more acute spines of the thorax.

a. St. Domingo. From Mr. Tweedie's collection.

South America.

19. Euschistus cornutus, *C. H.* 201.

a. Brazil. Presented by C. O'Reilly, Esq.

20. Euschistus acutus, *C. H.* 202.

a. Brazil. From Mr. Children's collection.

21. Euschistus convergens, *C. H.* 203.

a. Brazil. Presented by E. Doubleday, Esq.

22. Euschistus apicalis, *C. H.* 203.

a. Brazil. Presented by the Entomological Club.
b. Rio Janeiro. Presented by the Rev. H. Clark.

23. Euschistus atrox, *C. H.* 204.

a. Cayenne. Presented by M. Audinet-Serville.
b. Columbia. From Dr. Cuming's collection.
c. Cayenne. Presented by W. W. Saunders, Esq.

24. Euschistus cognatus, *C. H.* 204.

a. Brazil. From Mr. Children's collection.

25. Euschistus perditor, *C. H.* 206.

Thyanta perditor, *Stal*, *Stett. Ent. Zeit.* xxiii. 104.

a. Columbia. From M. Goudot's collection.

26. Euschistus rubiginosus, *C. H.* 206.

a. Brazil. From Mr. Children's collection.

27. Euschistus proximus, *C. H.* 208.

a. Columbia. From M. Goudot's collection.

28. Euschistus triangulator.

Cimex triangulator, *H.-Sch. Wanz. Ins.* vi. 95, pl. 211, f. 667.

a, *b*. Petropolis, Rio Janeiro. Presented by J. Gray, Esq.
c. Brazil. Presented by W. W. Saunders, Esq.

29. Euschistus juvencus.

Thyanta juvenca, *Stal*, *Stett. Ent. Zeit.* xxiii. 104.

Chili.

30. Euschistus scabricornis.

Pentatoma scabricorne, *H.-Sch. Wanz. Ins.* vii. 98, pl. 245, f. 762.

a. Tejuca, Rio Janeiro. Presented by the Rev. H. Clark.
b—e. Petropolis. Presented by J. Gray, Esq.

31. Euschistus alaticollis.

alaticollis, *Stal, Rio Jan. Hem.* 20.

a—f. Tejuca, Rio Janeiro. Presented by the Rev. H. Clark.
g. Petropolis. Presented by J. Gray, Esq.

32. Euschistus anticus.

anticus, *Stal, Rio Jan. Hem.* 71, 20.

a. Constancia, Rio Janeiro. Presented by J. Gray, Esq.

33. Euschistus illotus.

illotus, *Stal, Rio Jan. Hem.* 19.

Rio Janeiro.

34. Euschistus quadripunctatus.

quadripunctatus, *Stal, Rio Jan. Hem.* 20.

Rio Janeiro.

35. Euschistus roripes.

roripes, *Stal, Rio Jan. Hem.* 20.

Rio Janeiro.

36. Euschistus inermis.

inermis, *Mayr, Verh. Zool. Bot. Ges. Wien.* xiv. 910; *Novara Hem.* 62, f. 11.

Brazil.

37. Euschistus fallax.

fallax, *Mayr, Verh. Zool. Bot. Ges. Wien.* xiv. 910; *Novara Hem.* 63, f. 12.

Brazil.

38. Euschistus conterminus.

Flavescens, ferrugineo conspersus; caput nigro marginatum; antennæ rufescentes; thorax lateribus subserratis, spinis nigris latis acutis; scutellum apice glabrum, pallide flavum; venter punctis marginalibus nigris; membrana obscure cinerea, venis fuscis subreticulatis.

Yellowish, elliptical, minutely and irregularly punctured; punctures ferruginous. Head conical, with two black very slender marginal lines; lobes of equal length. Rostrum with a black tip, extending to the hind coxæ. Antennæ reddish, slender; second joint nearly as long as the third. Thorax slightly serrated on each side; spines black, broad, acute, prominent. Scutellum smooth and pale yellow at the tip. Abdomen beneath with black marginal points on the sutures of the segments. Membrane of

the fore wings dark cinereous; veins brown, slightly reticulated. Length of the body 4 lines.

It closely resembles *E. reductus*, but the structure of the antennæ is different, and the spines are longer and more acute.

a. Venezuela. From Mr. Birschell's collection.

39. Euschistus adjunctor.

Prasinus, scite punctatus, subtus glaucescens; caput vitta purpurascente rufa postice dilatata; antennæ nigro bifasciatæ, apice fulvæ; thorax fascia rufescente, punctis duobus anterioribus nigris, spinis robustis acutis obliquis; venter punctis lateralibus nigris; tarsi pallide lutei.

Grass-green, oval, thickly and minutely punctured, glaucous-green beneath. Head with a purplish red stripe, which is dilated between the eyes; lobes of equal length. Rostrum extending a little beyond the hind coxæ; tip black. Antennæ slender, hardly half the length of the body; first joint not extending to the front of the head; third a little longer than the second, black towards the tip; fourth a little longer than the third, black except near the base; fifth tawny, shorter than the fourth. Thorax with a reddish band, with a transverse callus on each side in front and with two intermediate black points; sides crenulated in front; spines stout, acute, inclined obliquely forward. Scutellum extending to the angle of the corium. Abdomen beneath with a row of black points on each side. Legs slender; tibiæ furrowed; tarsi pale luteous. Membrane of the fore wings pellucid. Length of the body 3 lines.

It is very nearly allied to *E. perditor*, but in the latter the spines of the thorax are shorter and broader and less inclined forward, and the body is testaceous beneath.

a. Belise, Honduras. From Mr. Stevens' collection.

Country unknown.

40. Euschistus thoracicus, *C. H.* 202.

a. ——?

Genus 6. ZALEGA.

Zalega, *Am. et Serv. Hem.* 139.

1. Zalega furcifrons.

furcifrons, *Am. et Serv. Hem.* 139.

Surinam.

Genus 7. DICERÆUS, *C. H.* 208.

1. Diceræus melacanthus, *C. H.* 208.

a. Venezuela. From Mr. Dyson's collection.

2. Diceræus leucostigma, *C. H.* 209.

a. Para. Presented by R. Graham, Esq.
b. Para. From Mr. Bates' collection.
c. Santarem. From Mr. Bates' collection.

3. Diceræus? lineola.

Diploxys lineola, *Am. et Serv. Hem.* 38.

Buenos Ayres?

4. Diceræus mutabilis.

Prasinus aut ochraceo varius aut ochraceus, dense punctatus; caput lobis lateralibus acutis lobum medium sat superantibus; antennæ rufæ, graciles, setulosæ; thorax vix carinatus, lateribus serratis, spinis parvis nigris obliquis peracutis; pedes graciles, longiusculi.

Grass-green, elongate-elliptical, thickly punctured, paler beneath. Head conical; lateral lobes acute, extending rather beyond the middle lobe. Rostrum ochraceous, extending to the hind coxæ. Antennæ red, slender, setulose, more than half the length of the body; first joint extending almost to the front of the head; second much shorter than the third; fourth and fifth shorter than the third. Thorax and scutellum with an extremely slight keel. Thorax with a transverse callus on each side in front; sides serrated; spines small, black, very acute, obliquely projecting. Scutellum much attenuated towards the tip. Pectus and under side of the abdomen with a broad ochraceous stripe. Legs slender, rather long. Fore wings with a pale point in the disk opposite the angle of the corium; membrane pellucid. *Var.* β.—Ochraceous. Length of the body 5½ lines.

a—d. Constancia. Presented by the Rev. H. Clark.
e, f. Tejuca. Presented by the Rev. H. Clark.
f. Petropolis. Presented by J. Gray, Esq.

5. Diceræus pulchricornis.

Prasinus, rude punctatus, subtus testaceus; antennæ apices versus rufæ; thorax lateribus crenulatis, spinis longiusculis peracutis non obliquis; abdomen apice quadrispinosum; pedes pallide virides; membrana translucida.

Grass-green, elliptical, somewhat roughly punctured, testaceous beneath. Head small; lateral lobes lanceolate, extending somewhat beyond the middle lobe. Antennæ slender, much shorter than the body; first joint extending a little beyond the front of the head; the four following joints nearly equal in length; third red towards the tip; fourth and fifth red, pale at the base. Thorax with a smooth space on each side in front; sides slightly serrated; fore angles acute; spines rather long, very acute, directly diverging. Scutellum extending to the angle of the corium. Abdomen with four spines at the tip. Legs slender, pale green. Membrane of the fore wings pellucid. Length of the body 5¾ lines.

a. Constancia. Presented by the Rev. H. Clark.

6. Diceræus divisus.

Piceo-niger, subtus luteus; thorax fascia spinisque longis acutis luteis, angulis anticis spinosis; venter apicem versus nigro bimaculatus, lateribus flavescentibus; pedes lutei, nigro conspersi; alæ anticæ costa basali flavescente.

Piceous-black, roughly punctured, nearly elliptical; under side luteous, with minute blackish punctures. Head elongate-conical, shorter than the thorax; lateral lobes extending very little beyond the middle lobe. Rostrum extending to the hind coxæ. Antennæ not more than half the length of the body; joints from the first to the fifth successively increasing in length; first not extending to the front of the head. Thorax sloping in front of a smooth luteous band between the spines, which are also luteous and are long, acute and directly diverging; sides slightly curved inward, slightly crenulated in front; fore angles forming two small acute spines. Scutellum extending a little beyond the angle of the corium. Abdomen beneath with two large black spots, one on the fourth segment, the other on the fifth; sides yellowish. Legs luteous, thickly black-speckled. Fore wings yellowish along the basal part of the costa; membrane piceous. Length of the body 5 lines.

a. Amazon Region. From Mr. Bates' collection.

7. Diceræus? spiniceps.

Ælia spiniceps, *H.-Sch. Wanz. Ins.* v. 72, pl. 178, f. 517.

Brazil.

Genus 8. BOLACA.

Corpus longi-ellipticum, sat planum, scite et conferte punctatum. Caput lanceolatum, lobis lateralibus apice spinosis lobum medium longe superantibus. Rostrum gracile, coxas posticas attingens. Antennæ graciles, corporis dimidio non longiores; articuli vicessim longiores. Thorax antice annulis duobus oblongis glabris petiolatis; latera subcrenulata; anguli postici recti, non extensi. Scutellum apicem versus attenuatum. Segmenta ventralia subarcuata. Pedes graciles, longiusculi; tarsi tri-articulati.

Body elongate-elliptical, rather flat, thickly and minutely punctured. Head lanceolate, much shorter than the thorax; lateral lobes extending much beyond the middle lobe, slightly notched on the outer side, terminating in two spines. Eyes not prominent. Rostrum slender, extending to the hind coxæ. Antennæ slender, about half the length of the body; joints successively increasing in length; first not extending to the front of the head. Thorax with a small oblong ringlet on each side in front, connected by a streak with the margin, which is slightly crenulated; fore angles prominent; hind angles rectangular, slightly prominent. Scutellum attenuated towards the tip, extending rather beyond the angle of the corium. Ventral segments slightly arched. Legs slender, rather long; tarsi three-jointed. Membrane of the fore wings with five longitudinal veins, of which the subcostal one is forked.

1. Bolaca unicolor.

Ferruginea; antennæ apices versus piceæ; alæ anticæ membrana cinerea ferrugineo venosa.

Ferruginous, hardly paler but more shining beneath. Antennæ piceous towards the tips. Membrane of the fore wings cinereous, with ferruginous veins. Length of the body 7½ lines.

a. North Hindostan. From Dr. Hooker's collection

Genus 9. PERIPTUS.

Periptus, *Stal*, *Stett. Ent. Zeit.* xxii. 143.

1. Periptus luctans.

luctans, *Stal*, *Stett. Ent. Zeit.* xxii. 143.

Brazil.

Genus 10. PROXYS, *C. H.* 209.

1. Proxys victor, *C. H.* 210.

a. North America. From Mr. Children's collection.
b. Mexico. Presented by the Entomological Club.
c, *d.* Nevis. Presented by the Entomological Club.
e. Jamaica. From Mr. Children's collection.
f, *g.* Jamaica. From Mr. Gosse's collection.
h, *i.* Honduras. From Mr. Dyson's collection.
j. Brazil. Presented by J. C. Bowring, Esq.
k. Bahia. Presented by M. Reiche.
l. Brazil. Presented by W. W. Saunders, Esq.
m. Rio Janeiro. Presented by the Rev. H. Clark.
n. Province of Chiriqui, Isthmus of Panama.
o. ——— ?

2. Proxys delirator.

Cimex delirator, *Fabr. Syst. Rhyn.* 164—Proxys delirator, *Am. et Serv. Hem.* 140—Proxys geniculatus, *Stal*, *Stett. Ent. Zeit.* xxiii. 102.

P. victor, *var.*?

Mexico. St. Domingo.

3. Proxys variolarius.

Pentatoma variolaria, *Pal. Beauv. Ins.* i. 149, pl. 10, f. 6.

St. Domingo.

4. Proxys crenatus.

Proxys crenatus, *Am. et Serv. Hem.* 140—Pentatoma spiniceps, *H.-Sch. Wanz. Ins.* vii. 106, pl. 247, f. 772—Proxys spiniceps, *C. H.* 210—Berycynthus crenatus, *Stal*, *Stett. Ent. Zeit.* xxiii. 102.

Mexico.

a, *b.* ——— ? From Mr. Children's collection.

5. Proxys hastator, *C. H.* 210.

a, *b.* British Guiana. Presented by Sir R. Schomburgk.

6. Proxys punctulatus, *C. H.* 210.

a. Columbia. From M. Goudot's collection.
b. Archidona. From Mr. Stevens' collection.

Genus 11. MORMIDEA.

North America.

1. Mormidea pœcila, *C. H.* 213.

a. North America. Presented by M. Serville.

2. Mormidea pyrrhocera.

Cimex pyrrhocerus, *H.-Sch. Wanz. Ins.* vi. 71, pl. 204, f. 638.

North America.

3. Mormidea typhæus, *C. H.* 216.

Œbalus Typhæus, *Stal, Stett. Ent. Zeit.* xxiii. 102.

Mexico.

a. North America. Presented by the Entomological Club.
b. North America. From Mr. Children's collection.
c—e. Indiana. Presented by F. Walker, Esq.
f. Jamaica. From Mr. Gosse's collection.
g, h. Honduras. From Mr. Miller's collection.
i, k. South America. From Mr. Children's collection.
l, m. St. Domingo. From Mr. Tweedie's collection.

Mexico.

4. Mormidea collaris, *C. H.* 211.

a. Mexico. From Dr. Hartweg's collection.
b. Oajaca. From M. Sallé's collection.

5. Mormidea notulata, *C. H.* 213.

a. Mexico. From Dr. Hartweg's collection.
b. America. From Mr. Children's collection.
c. Oajaca. From M. Sallé's collection.

6. Mormidea irrorata, *C. H.* 215.

Padæus irroratus, *Stal, Ent. Zeit. Stett.* xxiii. 101.

a, b. Mexico. Presented by E. P. Coffin, Esq.
c. Oajaca. From M. Sallé's collection.

7. Mormidea pictiventris.

pictiventris, *Stal, Stett. Ent. Zeit.* xxiii. 102.

Mexico.

8. Mormidea lugens.

Cimex lugens, *Fabr. Ent. Syst.* iv. 125—Cydnus lugens, *Fabr. Syst. Rhyn.* 187—Mormidea lugens, *Stal, Stett. Ent. Zeit.* xxiii. 101.

Mexico.

9. Mormidea hamulata.

hamulata, *Stal*, *Rio Jan. Hem.* 21.

Mexico. Rio Janeiro.

10. Mormidea angustata.

angustata, *Stal*, *Stett. Ent. Zeit.* xxiii. 102.

Mexico.

11. Mormidea verrucifera.

Padæus verrucifer, *Stal*, *Stett. Ent. Zeit.* xxiii. 101.

Mexico.

West Indies.

12. Mormidea croceipes, *C. H.* 213.

Rio Janeiro.

a. Jamaica. From Mr. Gosse's collection.
b. Honduras. From Mr. Dyson's collection.
c. Jamaica. Presented by W. W. Saunders, Esq.

13. Mormidea Cubrosa.

Pentatoma Cubrosa, *C. H.* 247—Mormidea Cubrosa, *Stal.*

a. Jamaica. From Mr. Gosse's collection.

South America.

14. Mormidea Ypsilon, *C. H.* 211.

Œbalus Ypsilon, *Stal.*

a. Para. From Mr. Bates' collection.
b. Brazil. Presented by W. W. Saunders, Esq.
c. Petropolis. Presented by J. Gray, Esq.
d. Constancia. Presented by J. Gray, Esq.
e, *f.* ——? From Mr. Children's collection.
g, *h.* ——? From Mr. Vigors' collection.

15. Mormidea inermis, *C. H.* 211.

a. Honduras. From Mr. Dyson's collection.

16. Mormidea maculata, *C. H.* 212.

a. Columbia. From M. Goudot's collection.

17. Mormidea aglæopus, *C. H.* 212.

spiculigera, *var.* ornata, *Stal.*

a. Brazil. Presented by the Entomological Club.
b. Monte Video.
c. ——? From Mr. Children's collection.
d. ——? Presented by W. W. Saunders, Esq.

18. Mormidea prominula, *C. H.* 213.

a. Columbia. From M. Goudot's collection.
b. Brazil. Presented by W. W. Saunders, Esq.

19. Mormidea armata, *C. H.* 215.

a, b. Brazil. From Mr. Children's collection.
c. Amazon Region. Presented by W. W. Saunders, Esq.

20. Mormidea cornicollis.

cornicollis, *Stal*, *Rio Jan. Hem.* 21.

a. Tejuca. Presented by the Rev. H. Clark.
b. Petropolis. Presented by J. Gray, Esq.

21. Mormidea notulifera.

notulifera, *Stal*, *Rio Jan. Hem.* 21.

Rio Janeiro.

22. Mormidea spiculigera.

spiculigera, *Stal*, *Rio Jan. Hem.* 21.

Rio Janeiro.

23. Mormidea discoidea.

Rhaphigaster discoideus, *C. H.* 290.

a. Central America. From Mr. Children's collection.

24. Mormidea compta.

Æneo-nigra, aspere punctata, subtus rufa; caput vittis duabus glabris indeterminatis, lobo medio lobos laterales perpaullo superante; antennæ basi rufæ, articulis 3o 4o 5oque basi flavis; thorax strigis transversis testaceis, spinis abbreviatis obtusis; scutellum maculis tribus basalibus, strigis duabus obliquis maculaque apicali arcuata flavis; pedes rufi; alæ anticæ gutta postmedia costaque basi pallide flavis, membrana fusca.

Æneous-black, oval, roughly punctured, red beneath. Head with two incomplete smooth stripes; middle lobe extending very little beyond the lateral lobes. Antennæ black, about half the length of the body; first joint red, black at the tip, not extending to the front of the head; second and third nearly equal in length; third, fourth and fifth pale yellow at the base; fourth and fifth much longer than the second and the third. Thorax with an irregular smooth band in front, and with some irregular transverse testaceous streaks between the spines, which are short and obtuse. Scutellum with smooth pale yellow marks; three spots on the fore border, the lateral spots emitting two oblique streaks to the disk; an arched apical spot. Legs red; tarsi with black tips. Fore wings with a smooth pale yellow dot in the disk beyond the middle; costa pale yellow at the base; membrane brown. Length of the body 3½ lines.

The obtuse spines of this species distinguish it from *M. Ypsilon* and from *M. spiculigera*. The spines are rather more prominent than those of *M. croceipe*, and the colour of the body beneath is different.

a. Constancia. Presented by J. Gray, Esq.
b. Petropolis. Presented by J. Gray, Esq.

Var. β.—Body above wholly black.

c. Rio Janeiro. Presented by J. Gray, Esq.

Var. γ.—Like *Var. β*. Abdomen beneath with two black stripes.

d. Tejuca. Presented by the Rev. H. Clark.

25. Mormidea decora.

Cyanea, scite punctata; caput rufum apice nigrum, subtus flavum, lobo medio lobos laterales paullo superante; rostrum nigrum; thoracis spinæ extensæ, acutæ; pectus pallide flavum, cyaneo tessellatum; venter vitta lata interrupta margineque pallide flavis; pedes nigri, femoribus flavis nigro unifasciatis.

Blue, oval, finely punctured. Head red, black at the tip and on each side in front; middle lobe extending a little beyond the lateral lobes; under side pale yellow. Rostrum black, extending to the hind coxæ. Thorax with a transverse callus on each side in front; spines prominent, acute, horizontal, directly diverging. Pectus pale yellow, with twelve quadrate blue spots. Abdomen beneath with a pale yellow border and with a broad interrupted pale yellow stripe. Legs black; coxæ and femora pale yellow, the latter with a black band near the tip. Fore wings with a brown membrane. Length of the body 3½ lines.

a. Ega. From Mr. Bates' collection.

26. Mormidea brevis.

Fulva, lata, dense punctata, fusco aut nigro conspersa, subtus pallide flava; thoracis spinæ longæ, robustæ, acutæ, vix ascendentes; scutellum apice flavo pallido marginatum; pedes graciles, nigro conspersi; alæ anticæ fusco subnebulosæ.

Tawny, oval, broad, short, thickly punctured; punctures brown or black; under side and legs pale yellow. Head conical; lobes of equal length. Rostrum extending to the hind coxæ. Spines of the thorax long, stout, acute, hardly ascending. Scutellum bordered with pale yellow at the tip. Legs slender, spotted with black. Fore wings slightly clouded with brown; membrane cinereous. Length of the body 3 lines.

a. Amazon Region. From Mr. Bates' collection.

27. Mormidea concolor.

Pallide viridis, lata, scite punctata; caput breviusculum, testaceo varium, lobis lateralibus lobum medium vix superantibus; thoracis spinæ longæ, robustæ, acutæ, vix ascendentes, apice nigræ, fascia subapicali testacea; scutellum apice rotundatum; pedes pallide testacei, robusti, breves.

Pale green, oval, broad, minutely punctured. Head rather short, partly testaceous; lateral lobes hardly extending beyond the middle lobe. Antennæ slender, hardly half the length of the body; first joint not extending to the front of the head; second much shorter than the third; fourth and fifth as long as the third. Thorax with a transverse callus on each side in front; spines long, stout, acute, hardly ascending, testaceous towards the tips, which are black. Scutellum somewhat rounded at the tip. Legs pale testaceous, stout, short. Membrane of the fore wings pellucid. Length of the body $3\frac{1}{3}$ lines.

In the shape of the body and the somewhat rounded scutellum this species approaches the genus *Hoplistodera*.

a. Amazon Region. From Mr. Bates' collection.

28. Mormidea basalis.

Ochracea, lata, scite punctata, subtus pallide flava; caput antice ferrugineum, lobis lateralibus lobum medium perpaullo superantibus; antennæ pallide flavæ, apice rufæ; thorax punctis quatuor anticis nigris, spinis robustis margineque postico ferrugineis; scutellum basi nonnunquam ferrugineum, punctis duobus nigris lateralibus postmediis; pectus ferrugineo bivittatum; alæ anticæ ferrugineæ, maculis duabus costalibus pallide flavis.

Ochraceous, short, oval, minutely punctured; punctures of the ground hue; under side and legs pale yellow. Head conical, ferruginous in front; lateral lobes extending very little beyond the middle lobe. Rostrum with a black tip, extending to the hind coxæ. Antennæ pale yellow, less than half the length of the body; first and second joints red; first not extending to the front of the head; second less than half the length of the third; fourth much shorter than the third; fifth red, as long as the fourth. Thorax with four black points in a transverse line, in front of which there are two transverse calli, one on each side; hind border and spines ferruginous; the latter stout, acute, prominent. Scutellum with two black lateral points beyond the middle; sometimes ferruginous towards the base. Pectus with two marginal ferruginous stripes. Legs slender. Fore wings ferruginous, with two costal pale yellow spots; first spot basal, much larger than the second, which is at the tip of the corium; membrane pale cinereous. Length of the body 3 lines.

a—e. Santarem. From Mr. Bates' collection.

Africa.

29. Mormidea armigera.

Cimex armiger, *Fabr. Sp. Ins.* ii. 348; *Mant. Ins.* ii. 286—Coreus armiger, *Fabr. Ent. Syst.* iv. 128; *Syst. Rhyn.* 195—Mormidea debellator, *C. H.* 214—Pentatoma (Aspavia) armigera, *Stal, Hem. Afr.* i. 136.

a—d. Sierra Leone. Presented by the Rev. D. F. Morgan.
e. West Africa. Presented by B. Frend, Esq.
f, g. West Africa. From Mr. Fraser's collection.
h. Congo. Presented by Sir J. Richardson.
i. Old Calabar. From Mr. John Gray's collection.
k. ———?

30. Mormidea hastator, *C. H.* 214.

Pentatoma (Aspavia) hastator, *Stal*, *Hem. Afr.* i. 139.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

31. Mormidea punctata, *C. H.* 214.

Pentatoma (Ilerda) punctata, *Stal*, *Hem. Afr.* i. 171.

a, *b.* Sierra Leone. Presented by the Rev. D. F. Morgan.
c. Old Calabar. From Mr. John Gray's collection.

32. Mormidea curtana, *C. H.* 215.

Pentatoma (Carbula) curtana, *Stal*, *Hem. Afr.* i. 154.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

33. Mormidea sanguineirostris.

Cimex sanguineirostris, *Thunb. Hem. Rostr.* ii. 4—Cimex quadridens, *Thunb. Hem. Rostr.* ii. 4—Pentatoma crudelis, *Hope*, *Cat. Hem.* 40—Mormidea pugnax, *C. H.* 216—Pentatoma (Veterna) sanguinei-rostris, *Stal*, *Hem. Afr.* i. 154.

a. Cape. From M. Drégé's collection.
b—d. South Africa. Presented by Sir A. Smith.
e. Natal. From M. Gueinzius' collection.
f, *g.* ———? From Mr. Children's collection.
h. ———?

34. Mormidea tomentiventris, *C. H.* 216.

Mormidea boschjesmana, *Stal*, *Ofv. K. Vet. Ak. Forh.* 1853, 217—Pentatoma (Durmia) tomentiventris, *Stal*, *Hem. Afr.* i. 150.

a. Cape. From M. Drégé's collection.

35. Mormidea conjungens, *C. H.* 216.

Pentatoma (Durmia) conjungens, *Stal*, *Hem. Afr.* i. 147.

a. Cape. From M. Drégé's collection.
b. South Africa. Presented by Sir A. Smith.
c. Madagascar. From Madame Ida Pfeiffer's collection.

36. Mormidea melacantha.

Cimex melacanthus, *Fabr. Ent. Syst.* iv. 103; *Syst. Rhyn.* 165—Mormidea maculipes, *Sign. Rev. et Mag. Zool.* 1851, 444.

Gabon. Sierra Leone. Madagascar.

a. Congo. Presented by Sir J. Richardson.
b. West Africa. From Mr. Fraser's collection.

37. Mormidea decorata.

decorata, *Sign. A. S. E. F.* 3*me Ser.* viii. 928—Pentatoma (Carbula) decorata, *Stal*, *Hem. Afr.* i. 140.

Zanzibar. Madagascar.

38. Mormidea blanda.

Pentatoma (Carbula) blanda, *Stal, Hem. Afr.* i. 142.

Natal.

39. Mormidea capito.

Pentatoma (Carbula) capito, *Stal, Hem. Afr.* i. 146.

Guinea.

40. Mormidea pugionata.

Mormidea pugionata, *Stal, Ofv. Vet. Ak. Forh.* 1858, 313—Pentatoma (Veterna) pugionata, *Stal, Hem. Afr.* i. 157.

South Africa.

a. ———?

41. Mormidea hædula.

Cimex typhæus, *H.-Sch. Wanz. Ins.* vi. 65, pl. 201, f. 628—Pentatoma (Diormia) hædula, *Stal, Hem. Afr.* i. 149.

Sierra Leone.

a. Natal. From M. Gueinzius' collection.

42. Mormidea albidofuscata.

albidofuscata, *Stal, Ofv. K. Vet. Ak. Forh.* 1853, 217—Pentatoma (Durmia) bellicosa, *Stal, Hem. Afr.* i. 147.

Natal.

43. Mormidea Mulsanti.

Pentatoma Mulsanti, *Stal, Ofv. Vet. Ak. Forh.* 1853, 219—Pentatoma (Durmia) Mulsanti, *Stal, Hem. Afr.* i. 148.

Natal.

44. Mormidea rotundata.

rotundata, *Sign. Arch. Ent.* ii. 282—Antestia rotundata, *Stal, Hem. Afr.* i. 204.

Old Calabar.

45. Mormidea brunnea.

brunnea, *Sign. Arch. Ent.* ii. 286—Pentatoma (Aspavia) brunnea, *Stal, Hem. Afr.* i. 139.

Old Calabar.

46. Mormidea albidomaculata.

albidomaculata, *Stal, Ofv. K. Vet. Ak. Forh.* 1853, 217—Mormidea melacantha, *Sign. Arch. Ent.* ii. 281—Pentatoma (Aspavia) albidomaculata, *Stal, Hem. Afr.* i. 138.

Natal. Madagascar.

47. Mormidea vittata.

Cimex vittatus, *Fabr. Ent. Syst.* iv. 104, 96; *Syst. Rhyn.* 165, 52—Mormidea vittata, *Sign. A. S. E. F. 3me Ser.* viii. 928.

South Africa. Madagascar.

48. Mormidea pallidispina.

Pentatoma (Aspavia) pallidispina, *Stal, Hem. Afr.* i. 137.

Cape.

49. Mormidea terminalis.

terminalis, *Schaum, Peters, Reise Mozamb.* 38.

Mozambique.

50. Mormidea inficita.

Sordide flava, aspere punctata, fusco aut nigricante conspersa; caput vitta glabra; antennæ flavæ, setulosæ; thorax breviusculus, spinis longis nigris robustis acutis; scutellum maculis duabus basalibus unaque apicali flavis magnis; venter e punctis nigris bivittatum; pedes robusti.

Dingy yellow, oval, rather coarsely punctured; punctures brown or blackish. Head conical, not much shorter than the thorax, with a smooth stripe; lobes of equal length. Rostrum with a black tip, extending to the hind coxæ. Antennæ yellow, setulose, not more than half the length of the body; first joint not extending to the front of the head; second and third equal in length; fourth longer than the third; fifth a little shorter than the fourth. Thorax rather short; spines long, stout, acute, mostly black, directly diverging. Scutellum with a large smooth pale yellow spot on each side of the fore border and another at the tip. Abdomen beneath with two irregular stripes of black punctures. Legs stout. Membrane of the fore wings pale cinereous. Length of the body 4 lines.

It closely resembles *M. armigera*, but the spines of the thorax are shorter and thicker.

a. Natal. From M. Guenzius' collection.

51. Mormidea? ventralis.

Fulvescens, lata, dense punctata, nigro conspersa; capitis latera jugata, lobum medium lobos laterales perpaullo superante; rostrum sat validum; thorax postice subcarinatus, spinis nigricantibus longis robustis acutis; venter maculis quatuor æneis transversis; pedes robusti, nigro conspersi; alæ anticæ linea guttisque nonnullis glabris.

Dull tawny, broad, oval, thickly punctured; punctures black; under side and legs paler. Head conical, with a ridge on each side between the eye and the antenna; middle lobe extending very little beyond the lateral lobes. Rostrum rather stout, with a black tip, extending nearly to the hind border of the first abdominal segment. Thorax with a transverse callus on each side in front and with a short and very slight keel which extends to the hind border; spines blackish, long, stout, acute. Scutellum a little

longer than broad. Abdomen beneath with a transverse æneous spot on each of the fourth and fifth segments; apical spines acute. Legs stout; femora and tibiæ black-speckled. Fore wings with a smooth line between the exocorium and the mesocorium, and with a few smooth dots; membrane cinereous; veins brown. Length of the body 3½—4 lines.

It has some resemblance to the genus *Arma*.

a. Old Calabar. From Mr. John Gray's collection.
b. Madagascar. Presented by J. Caldwell, Esq.

52. Mormidea? pedestris.

Obscure fusca, aspere punctata, nigricante conspersa; antennæ pallide flavæ, articulo 4o apice nigricante, 5o nigro basi flavo; thorax spinis nigricantibus crassis longis acutis; scutellum bisulcatum; abdominis latera serrata; pedes robusti, flavo fasciati, femoribus apices versus unispinosis; membrana venis reticulatis.

Dark tawny, oval, roughly punctured; punctures blackish. Head elongate; lateral lobes hardly extending beyond the middle lobe. Rostrum pale yellow. Antennæ pale yellow, hardly half the length of the body; first joint much shorter than the anterior part of the head; second much longer than the third; fourth longer than the third, blackish towards the tip; fifth black, yellow at the base, much longer than the fourth. Thorax with some small intervening smooth spaces; spines blackish, long, acute, very stout. Scutellum with a shallow excavation on each side extending much beyond the angle of the corium. Abdomen serrated along each side; apical spines stout, hardly acute. Legs brown, stout; femora pale yellow towards the base, with a spine above near the tip; tibiæ pale yellow, brown at each end; tarsi pale yellow; the brown hue most prevalent in the fore legs. Membrane of the fore wings cinereous; veins brown, reticulated. Length of the body 3½ lines.

a. Sierra Leone. From Mr. Janson's collection.

53. Mormidea? unisignata.

Fulva, lata, scite punctata, fusco aut nigricante conspersa; thorax callis duobus anticis transversis furcatis undulatis, callo intermedio ochraceo fisso, spinis longis acutis apice nigris; scutellum punctis duobus basalibus glabris apiceque pallidis; pedes graciles.

Tawny, broad, oval, thickly and finely punctured; punctures brown or blackish; under side and legs paler. Head conical; lobes of equal length. Rostrum piceous at the tip, hardly extending beyond the hind coxæ. Thorax in front with two transverse forked undulating calli; between these there is an ochraceous callus, which is cleft except in front; punctures black about these calli and along the sides of the thorax; spines long, stout, acute, black towards the tips. Scutellum paler at the tip, extending nearly to the angle of the corium; a pale smooth point on each side at the base. Legs slender. Membrane of the fore wings cinereous, with darker veins. Length of the body 5 lines.

It agrees with *Pentatoma* in general structure.

a. Old Calabar. From Mr. John Gray's collection.

Madagascar. Mauritius.

54. Mormidea abdominalis.

abdominalis, *Sign. A. S. E. F.* 3*me Ser.* viii. 929—Pentatoma (Carbula) abdominalis, *Stal, Hem. Afr.* i. 144.

Madagascar.

55. Mormidea annulicornis.

annulicornis, *Sign. A. S. E. F.* 3*me Ser.* viii. 927—Pentatoma (Ilerda) petulans, *Stal, Hem. Afr.* i. 171.

Madagascar.

56. Mormidea rubicunda.

Petatoma (Ilerda) rubicunda, *Stal, Hem. Afr.* i. 170.

Madagascar.

57. Mormidea longispina.

Pentatoma (Aspavia) longispina, *Stal, Hem. Afr.* i. 137.

Mauritius.

58. Mormidea capreola.

Pentatoma (Durmia) capreola, *Stal. Hem. Afr.* i. 149.

Madagascar.

59. Mormidea? nigromarginata.

Euschistus nigromarginatus, *Sign. A. S. E. F.* 3*me Ser.* viii. 927—Pentatoma (Veterna) nigromarginata, *Stal. Hem. Afr.* i. 153.

Madagascar.

Asia.

60. Mormidea socia.

Sordide flavescens, rude punctata, nigro conspersa, subtus pallide flava; antennæ pallide flavæ, setulosæ; thoracis spinæ nigræ, robustæ, acutæ, subobliquæ; scutellum maculis duabus magnis basalibus unaque apicali discoque pallide flavis; abdomen subtus et femora nigro subconspersa; pedes setulosi.

Dingy yellowish, elongate-oval, largely punctured; punctures black; under side and legs pale yellow. Head more thickly punctured than the thorax; lobes of equal length. Rostrum extending to the hind coxæ; tip black. Antennæ pale yellow, setulose; first joint extending nearly to the front; second longer than the third. Thorax with a transverse callus on each side near the fore border and with a smooth slight marginal ridge on each side between the spine and the fore border; spines black, stout, acute, slightly projecting forward. Scutellum with the disk pale yellow and thinly punctured; three large smooth pale yellow spots, two on the fore angles and one at the tip. Pectus, under side of abdomen and femora with a few black points. Legs slender, setulose. Membrane of the fore wings pellucid. Length of the body 4 lines.

Very nearly allied to *M. inficita.*

a. Hindostan. From the Entomological Society's collection.

61. Mormidea lateralis.

Fulva, aspere punctata, subtus pallide lutea; caput nigricans, scite punctata, lobo medio fulvo lobos laterales paullo superante; thorax strigis duabus luteis glabris marginalibus postice dilatatis, spinis nigris crassis acutis longissimis subobliquis; scutellum maculis duabus basalibus magnis apiceque luteis; segmentum 5um ventrale piceo strigatum.

Tawny, oval, largely punctured; punctures of the ground hue; under side and legs pale luteous. Head blackish, thickly and minutely punctured; middle lobe tawny, extending a little beyond the lateral lobes. Rostrum extending to the hind coxæ. Antennæ slender; first joint not extending to the front of the head; second shorter than the third. Thorax with the two usual transverse calli near the fore border; two luteous smooth marginal streaks, which widen from the spines to the fore border, where there is a tubercle contiguous to each eye; spines black, acute, very long and stout, slightly bent forward. Scutellum with a large luteous spot on each side at the base; tip somewhat rounded, bordered with luteous. Abdomen benneath with an interrupted piceous streak on the fifth segment. Legs slender. Fore wings with a cinereous membrane. Length of the body 4 lines.

Allied to *M. armigera*, but the spines of the thorax are thicker.

a. Siam. Presented by W. W. Saunders, Esq.

Australasia.

62. Mormidea florens.

Saturate viridis, lata, aspere punctata; caput ochraceum, nigro marginatum; antennæ nigræ, basi virides; thoracis spinæ nigræ, robustæ, acutæ, longissimæ, vix ascendentes; scutellum macula apicali pallide flava; venter disco pallide luteo, guttis marginalibus nigris; tarsi lutei.

Deep green, broad, oval, roughly punctured; under side and legs paler. Head above ochraceous, bordered with black and sometimes with black sutures between the lobes, which are of equal length. Rostrum extending a little beyond the hind coxæ; tip black. Antennæ black, slender, full half the length of the body; first joint green, not extending to the front; third longer than the second, shorter than the fourth; fifth as long as the fourth. Thorax smooth along the fore border; spines black, stout, acute, very long, very slightly ascending. Scutellum with a round pale yellow apical spot. Abdomen beneath with a pale luteous disk and with black marginal dots. Legs slender; tarsi luteous. Membrane of the fore wings brown. Length of the body 4 lines.

a. Siam. Presented by W. W. Saunders, Esq.
b. Malacca. Presented by W. W. Saunders, Esq.
c. Sumatra. Presented by W. W. Saunders, Esq.
d. Birmah. From Mr. Waring's collection.

63. Mormidea contigua.

Fulva, aspere punctata, nigro conspersa, subtus pallide testacea; antennæ apices versus nigræ; thorax lineis duabus marginalibus flavo-albis, spinis nigris longis crassis obtusis subobliquis; scutellum maculis duabus basalibus unaque apicali magnis pallide flavis; pedes nigro conspersi; alæ anticæ costa basi albida.

Tawny, oval, roughly punctured; punctures black; under side, rostrum and legs pale testaceous. Head elongate-conical, more thickly punctured than the thorax; lobes of equal length. Rostrum extending to the hind coxæ. Antennæ slender, full half the length of the body; first joint not extending to the front of the head; second and third of about equal length; fourth and fifth black, very much longer than the third. Thorax with a transverse callus on each side in front, and with a smooth slight yellowish white marginal ridge between the spine and the fore border; spines black, stout, long, rounded at the tips, slightly inclined forward. Scutellum with three large smooth pale yellow spots, one on each side of the fore border, the third apical. Legs slender; femora and tibiæ black-speckled. Fore wings with the costa whitish at the base; membrane cinereous. Length of the body 3½ lines.

Very nearly allied to *M. socia*, but the spines of the thorax are less acute.

a. Java.

64. Mormidea ductor.

Saturate viridis, scite punctata, subtus testacea viridi pallido marginata; caput ochraceum, nigro marginatum; rostrum pallide testaceum, apice nigrum; thorax spinis nigris acutis longissimis perpaullo ascendentibus; venter guttis marginalibus nigris; tarsi apice testacei.

Deep green, oval, minutely punctured; under side pale green with a testaceous disk. Head ochraceous, small, conical, bordered with black, green towards the hind border; lobes of equal length. Rostrum pale testaceous, extending to the hind border of the first abdominal segment; tip black. Antennæ slender, about half the length of the body; first joint extending to the front of the head; second longer than the third; third longer than the fourth; fifth more than twice longer than the fourth. Thorax with a smooth transverse space on each side in front; spines black, acute, very long, very slightly ascending. Scutellum attenuated towards the tip, extending to the angle of the corium. Abdomen beneath with black marginal dots. Legs slender; tarsi testaceous towards the tips. Membrane of the fore wings pale cinereous. Length of the body 6½ lines.

a. Batchian. Presented by W. W. Saunders, Esq.

Genus 12. TYOMA.

Tyoma, *Spin. Tav. Sin.* 98—Oxycoris, *Mayr, Verh. Zool. Bot. Gesch. Wien.* xiv. 909; *Novara Hem.* 58.

1. Tyoma cryptorhyncha.

Cimex cryptorhynchus, *Germ. Silb. Rev. Ent.* v. 169—Tyoma cryptorhyncha, *Spin. Tav. Sin.* 99—Oxycoris cryptorhynchus, *Mayr, Verh. Zool. Bot. Gesch. Wien.* xiv. 909.

Cape.

Genus 13. HOPLISTODERA, *C. H.* 216.

1. Hoplistodera testacea, *C. H.* 216.

a, b. Java. From Mr. Argent's collection.
c—g. Pulo Penang. Presented by J. C. Bowring, Esq.
h. Sumatra. From Sir Stamford Raffles' collection.
i, j. Tondano. Presented by W. W. Saunders, Esq.
k. Mysol. Presented by W. W. Saunders, Esq.

2. Hoplistodera virescens, *C. H.* 217.

a. North Hindostan. From Capt. Boys' collection.

3. Hoplistodera trimaculata, *C. H.* 217.

a. Java. From the East India Company's collection.
b, c. Philippine Isles. From Mr. Cuming's collection.
d. Hindostan. Presented by J. C. Bowring, Esq.
e. Pulo Penang. Presented by J. C. Bowring, Esq.
f. Malacca. Presented by W. W. Saunders, Esq.
g. Burra. Presented by W. W. Saunders, Esq.
h. ———? Presented by W. W. Saunders, Esq.

4. Hoplistodera convexa, *C. H.* 217.

a. Philippine Isles. From Mr. Cuming's collection.
b. Celebes. From Mr. Wallace's collection.

5. Hoplistodera insurgens.

Fulva, lata, aspere punctata, nigro conspersa; caput nigrum, magnum; rostrum testaceum, apice nigrum; antennæ basi testaceæ; thorax spatio antico liturisque duabus transversis spinisque crassis acutis longissimis nigris; scutellum callis duobus basalibus magnis pallide luteis, apice fulvo; pectus et venter nigra, testaceo marginata; pedes testacei, nigro conspersi.

Tawny, broad, oval, roughly punctured above and beneath; punctures black. Head black, large, nearly as long as the thorax; lobes of equal length. Rostrum testaceous, extending to the hind coxæ; tip black. Antennæ testaceous at the base. Thorax with a transverse black mark between the spines; fore part black, with a transverse smooth space on each side; spines black, acute, very long and stout, slightly ascending, sometimes inclined forward. Scutellum tawny at the tip, extending to five-sixths of the length of the abdomen, with a large pale luteous callus on each side at the base. Pectus mostly black. Abdomen beneath black, irregularly bordered with testaceous. Legs testaceous, slender, black-

speckled. Membrane of the fore wings cinereous; veins brown. Length of the body 2½ lines.

a, b. Java. Presented by J. C. Bowring, Esq.

6. Hoplistodera æneescens.

Sordide testacea, lata, aspere punctata, nigro conspersa; caput nigro-æneum; antennæ apice piceæ; thorax margine antico spinisque longis robustis acutis subobliquis nigro-æneis; scutellum basi lateribus nigro-æneis, callis duobus basalibus magnis pallide flavis; venter nigro-æneus, testaceo marginatus; pedes pallide testacei, nigro conspersi.

Dingy testaceous, broad, oval, roughly punctured above and beneath; punctures black. Head blackish æneous, large, a little shorter than the thorax; lobes of equal length. Rostrum testaceous, extending to the hind coxæ; tip black. Antennæ testaceous, slender, about half the length of the body; first joint not extending to the front; joints from the second to the fifth slightly and successively increasing in length; fifth piceous. Thorax blackish æneous in front, where there is a transverse smooth space on each side; spines æneous-black, long, stout, acute, slightly inclined forward. Scutellum mostly æneous-black on each side and at the base, where there is a large pale yellow callus on each side. Pectus partly blackish æneous. Abdomen beneath blackish æneous, more or less testaceous along each side. Legs pale testaceous, slender; femora and tibiæ black-speckled. Membrane of the fore wings pale cinereous, with pale testaceous veins. Length of the body 2½ lines.

The spines of the thorax are more horizontal than those of *H. insurgens.*

a. Mount Ophir. Presented by W. W. Saunders, Esq.
b. Borneo. Presented by W. W. Saunders, Esq.

7. Hoplistodera subarmata.

Sordide testacea, lata, viridi suffusa, aspere punctata, nigro conspersa; caput nigrum, testaceo univittatum; thorax testaceo pallido marginatus, plagis duabus anticis nigris glabris obtusis; scutellum callis duobus basalibus magnis flavis, plagis duabus subapicalibus viridibus; pedes pallide testacei, nigro conspersi.

Dingy testaceous, with a slight metallic-green tinge, broad, oval, roughly punctured above and beneath; punctures black. Head black, large, a little shorter than the thorax; lobes of equal length; middle lobe testaceous, forming a slight keel. Thorax bordered on each side and along the fore border with a smooth pale testaceous line; a transverse black nearly smooth patch on each side in front; spines black, broad, short, obtuse. Scutellum with a large yellow callus on each side of the fore border and with a metallic-green patch on each side near the tip. Pectus and under side of abdomen with two irregular metallic-green stripes. Legs pale testaceous, slender; femora and tibiæ black-speckled. Membrane of the fore wings cinereous. Length of the body 2½ lines.

a. Burru. Presented by W. W. Saunders, Esq.

8. Hoplistodera subacta.

Æneo-picea, lata, aspere punctata; rostrum testaceum, apice nigrum; thorax spinis latissimis subacutis non extensis; scutellum maximum, callis duobus basalibus apiceque pallide luteis; pectoris segmenta luteo marginata; pedes pallide lutei, nigro conspersi.

Æneous-piceous, broad, oval, shining, roughly punctured above and beneath. Head conical; lobes of equal length. Rostrum testaceous, black towards the tip, extending nearly to the hind border of the first abdominal segment. Antennæ piceous, slender; first joint not extending to the front of the head; second much shorter than the third; fourth a little longer than the third. Thorax with a smooth transverse callus on each side in front; spines short, very broad, slightly acute. Scutellum extending nearly to the tip of the abdomen; a large callus on each side at the base and the whole breadth at the tip pale luteous. Pectus pale luteous on the borders of the segments. Legs pale luteous, stout; femora and tibiæ speckled with black. Membrane of the fore wings brown. Length of the body 4½ lines.

a. Celebes. From Madame Ida Pfeiffer's collection.

Genus 14. ALCIMUS, *C. H.* 218.

1. Alcimus lineolatus, *C. H.* 218.

a. Philippine Isles. From Mr. Cuming's collection.

2. Alcimus lineosus.

Niger, crassus, scite punctatus; caput vittis duabus anticis maculisque tribus luteis; rostrum pallide luteum, apice nigrum; antennæ piceæ, basi luteæ; thorax atomis fasciisque duabus pallide luteis, fascia 1a bis interrupta nigro interlineata, 2a interrupta, spinis crassis longissimis peracutis subascendentibus sulcatis luteo strigatis; scutellum callis duabus basalibus vittisque quatuor pallide luteis; pedes lutei; alæ anticæ luteo quinque vittatæ; membrana fusca.

Black, oval, thick, thinly and finely punctured. Head short, with pale luteous marks; these are two stripes in front, a spot on each side between the eyes, a spot near the hind border and the antenniferous tubercles; lobes of equal length. Rostrum pale luteous, extending a little beyond the hind coxæ; tip black. Antennæ piceous, slender, a little more than half the length of the body; first joint pale luteous, not extending to the front of the head; second much shorter than the third; fourth shorter than the third, a little longer than the fifth. Thorax with pale luteous speckles, in front of which there are two irregular pale luteous bands; first band interrupted on each side, its middle part containing a transverse twice interrupted black line; second band interrupted in the middle; spines slightly ascending, very long and thick and acute, furrowed in front and behind, with three pale luteous streaks at the base. Scutellum extending nearly to the tip of the abdomen, with a large pale luteous callus on each side at the base and with four pale luteous stripes, the inner stripes slightly diverging from each other hindward and then united; the outer stripes united beyond the inner stripes. Pectus and under side of abdomen with

four irregular macular pale luteous stripes. Legs luteous, stout; femora mostly paler; fore wings with five more or less complete pale luteous stripes; membrane brown. Length of the body 4 lines.

a. Celebes. Presented by W. W. Saunders, Esq.

Genus 15. TAURODES, *C. H.* 219.

1. Taurodes boops, *C. H.* 220.

a. Philippine Isles. From Mr. Cuming's collection.

Genus 16. ÆSCHRUS, *C. H.* 220.

1. Æschrus obscurus, *C. H.* 221.

a. Java. From Mr. Argent's collection.
b. Hindostan. From Mr. Stevens' collection.

2. Æschrus testudinarius.

Ferrugineus, aspere punctatus, nigro conspersus; caput nigrum, lobis lateralibus extus dentatis lobum medium superantibus; antennæ fulvæ, corporis dimidio breviores; thorax antice niger vix carinatus, spinis crassis longissimis peracutis apice nigris; pectus et venter nigro varia; femora nigra, fulvo bifasciata; tibiæ piceo fasciatæ, basi nigræ; membrana cinerea, nigricante reticulata.

Ferruginous, elliptical, roughly punctured above and beneath; punctures black. Head black, hardly narrower in front; lateral lobes extending beyond the middle lobes, each armed with a stout tooth on the outer side of the front. Rostrum tawny, extending a little beyond the hind coxæ. Antennæ tawny, slender, less than half the length of the body; first joint not extending to the front of the head; second shorter than the third; fourth and fifth piceous; fourth shorter than the third and than the fifth. Thorax transversely and slightly impressed and partly black in front, where there is a slight longitudinal keel; spines very long and stout and acute, slightly inclined forward, black in front and with black tips. Scutellum about two-thirds of the length of the abdomen. Pectus and under side of the abdomen partly black. Legs stout; coxæ and femora black; posterior femora with two tawny bands; second band irregular; tibiæ black at the base and with a piceous band. Corium of the fore wings small; membrane cinereous, with blackish reticulated veins. Length of the body 3 lines.

a. ——— ? From Mr. Vigors' collection.

Genus 17. AXIAGASTUS, *C. H.* 221.

1. Axiagastus Rosmarus, *C. H.* 221.

In the female of this species the sides of the rostral channel are not developed into spines. The length of the rostrum is variable. The antennæ are much more than half the length of the body and the joints to the fourth successively increase in length; the fourth and the fifth are equal in length. The pale luteous spot at the tip of the scutellum is very variable in size and shape. In two specimens of the male the right antenna of the one and the left antenna of the other are deformed, and not more than one-third of the usual length, and with only three perceptible joints.

a. Philippine Isles. From Mr. Cuming's collection.
b. Celebes. From Mr. Wallace's collection.
c. Celebes. Presented by W. W. Saunders, Esq.
d. Siam. Presented by W. W. Saunders, Esq.
e. New Guinea. Presented by W. W. Saunders, Esq.

2. Axiagastus marmoratus.

Pentatoma marmoratum, *Mtz. Ann. Sci. Phys. et Nat. Ser.* 2, vii. 97—Axiagastus marmoratus, *Stal, A. S. E. F. 4me Ser.* iv. 52.

Woodlark.

Genus 18. ÆLIA, *C. H.* 222.

Europe.

1. Ælia acuminata, *C. H.* 223.

Ælia rostrata, *Bohm. Ofv. K. Vet. Acad. Forh.* 1852, 50.

a—m. England. From Mr. Stephens' collection.
n. Geneva. Presented by M. Goureau.
o. Gibraltar.
p—gg. Madeira. From Mr. Wollaston's collection.
hh, ii. Albania. Presented by W. W. Saunders, Esq.
jj. ——? Presented by W. W. Saunders, Esq.
kk—mm. ——?

2. Ælia rostrata.

—— —— *Geoffr. Hist. Ins.* i. 472, 77—Cimex rostratus, *Deg. Ins.* iii. 271, 16, pl. 14, f. 12, 13—Ælia acuminata, *Curt. Brit. Ent.* xv. 701—Ælia neglecta, *C. H.* 223—Ælia pallida, *Küster, Stett. Ent. Zeit.* xiii. 394, pl. 3, f. 4. *Fieb. Hem.* 352. *Flor, Rhyng. Liv.* i. 121—Ælia rostrata, *Muls. et Rey, Pun. France*, ii. 131.

a. England. Presented by W. W. Saunders, Esq.
b—e. France.
f. Madeira. Presented by T. V. Wollaston, Esq.
g. Hong Kong. Presented by J. C. Bowring, Esq.
h. North China. From Mr. Fortune's collection.
i, j. ——? Presented by W. W. Saunders, Esq.

3. Ælia virgata.

Cimex virgatus, *Klug, MSS. H.-Sch. Wanz. Ins.* vi. 67, pl. 202, f. 632—virgata, *Klug, Sym. Phys. Wanz. Ins.* 67, f. 632. *Fieb. Hem.* 351. *Muls. et Rey, Pun. France*, ii. 141.

Greece. Turkey. Syria.

4. Ælia Germari.

Germari, *Küster, Stett. Ent. Zeit.* xiii. 391, pl. 3, f. 1. *Fieb. Hem.* 351. *Muls. et Rey, Pun. France*, ii. 130.

Dalmatia. Sicily. Spain.

5. Ælia Burmeisteri.

Burmeisteri, *Küster*, *Stett. Ent. Zeit.* xiii. 393, pl. 3, f. 3. *Fieb. Hem.* 353.

Spain.

6. Ælia bifida.

bifida, *Costa*, *Cim. Cent.* 2 *decas* 6-10, 27, pl. 6, f. 9—Æliodes bifida, *Muls. et Rey*, *Pun. France*, ii. 152.

France. Italy.

7. Ælia Klugi.

Klugi, *Hahn*, *Wanz. Ins.* i. 123, pl. 19, f. 64. *Germ. Stett. Ent. Zeit.* iii. 68. *Costa*, *Cim. Cent.* ii. *decas* 6-10, 27. *Küster*, *Stett. Ent. Zeit.* xiii. 396, pl. 3, f. 5. *Kol. Mel. Ent.* iv. 20. *Sahlb. Mon. Geoc.* 28, 8. *Fieb. Hem.* 352. *Flor. Rhynch. Liv.* i. 119. *Muls. et Rey*, *Pun. France*, ii. 138.

Germany.

8. Ælia inflexa, *C. H.* 224.

Cimex griseus nigro-punctatus, *Deg. Ins.* iii. 270, 15—Cimex pulatus, *Fall. Mon. Cim.* 50; *Hem.* 32—Platysolen inflexus, *Fieb. Hem.* 354—Æliodes inflexa, *Muls. et Rey*, *Pun. France*, ii. 146. *Douglas and Scott*, *Brit. Hem. Het.* 71.

a, *b*. France.
c, *d*. Europe. Presented by J. G. Children, Esq.
e, *f*. Europe. Presented by the Entomological Club.
g. Europe. Presented by W. W. Saunders, Esq.

9. Ælia grisea.

Pentatoma flavomarginata, *Lucas*, *Expl. Sc. Alg.* iii. 89, pl. 3, f. 10—Platysolen griseus, *Fieb. Hem.* 353—Ælia flavomarginata, *Barensp. Berl. Ent. Zeit.* i. 204—Æliodes flavomarginata, *Muls. et Rey*, *France*, ii. 143.

South France. Italy. North Africa.

10. Ælia lineolata.

Pentatoma lineolata, *Muls. et Rey*, *Ann. Soc. Linn. Lyon.* 1850-52, 84. *Muls. Opusc. Ent.* i. 103—Æliodes lineolata, *Muls. et Rey*, *Pun. France*, ii. 149.

France.

11. Ælia leporina.

Pentatoma perlatum, *Panz. Faun. Ins.* 33, 22—Pentatoma leporinum, *H.-Sch. Faun. Ins.* 113, 7—Platysolen leporinus, *Fieb. Hem.* 353—Æliodes leporina, *Muls. et Rey*, *Pun. France*, ii. 155.

France. Germany.

12. ÆLIA ANGUSTATA.

Eusarcoris angustatus, *Barensp. Berl. Ent. Zeit.* iii. 337, pl. 6, f. 2—Cryptosinus angustatus, *Dohrn, Stett. Ent. Zeit.* 1860, 102, pl. 1, f. 8—*Muls. et Rey, Pun. France*, ii. 158—Platysolen angustatus, *Fieb. Hem.* 354.

Sarepta.

North America.

13. ÆLIA TRILINEATA, *C. H.* 224.

a, b. Hudson's Bay. Presented by Dr. Barnston.
c, d. Nova Scotia. From Lieut. Redman's collection.

14. ÆLIA AMERICANA, *C. H.* 223.

a, b. North America. Presented by the late Earl of Derby.
c. Saskatchawan. From Mr. Sullivan's collection.
d, e. Saskatchawan. From M. Bourgeau's collection.

Africa.

15. ÆLIA CAFFRA, *C. H.* 224.

a, b. South Africa. From Mr. Argent's collection.

16. ÆLIA FULIGINOSA.

fuliginosa, *Klug. Sym. Phys.* pl. 43, f. 12.

Abyssinia.

17. ÆLIA SENEGALENSIS.

Tetratoma senegalensis, *Sign. A. S. E. F. 2me Ser.* ix. 340, pl. 10, f. 8—Pentatoma (Æliomorpha) senegalensis, *Stal, Hem. Afr.* i. 173.

Senegal.

18. ÆLIA NATALICOLA.

natalicola, *Stal, Ofv. K. Vet. Ak. Forh.* 1853, 218—Pentatoma (Æliomorpha) natalicola, *Stal, Hem. Afr.* i. 174.

Cape. Natal.

19. ÆLIA GRISEOFLAVA.

griseoflava, *Stal, Ofv. K. Vet. Ak. Forh.* 1853, 218—Pentatoma (Æliomorpha) griseoflava, *Stal, Hem. Afr.* i. 175.

Natal.

20. ÆLIA PUMILA.

pumila, *Stal, Ofv. K. Vet. Ak. Forh.* 1853, 218—Pentatoma (Æliomorpha) pumila, *Stal, Hem. Afr.* i. 175.

Natal.

21. ÆLIA SIMULANS.

Æliomorpha simulans, *Ofv. K. Vet. Ak. Forh.* 1858, 813—Pentatoma (Æliomorpha) simulans, *Stal, Hem. Afr.* i. 175.

South Africa.

22. ÆLIA BELLA.

bella, *Stal, Ofv. K. Vet. Ak. Forh.* 1853, 217—Pentatoma (Æliomorpha) bella, *Stal, Hem. Afr.* i. 176.

Natal.

Hindostan.

23. ÆLIA? GLANDULOSA.

glandulosa, *Burm. Handb. Ent.* ii. 357.

Bengal.

Genus 19. SEPONTIA.

Sepontia, *Stal, Hem. Afr.* i. 133.

1. SEPONTIA MISELLA.

Bolbocoris misellus, *Stal, Ofv. K. Vet. Ak. Forh.* 1853, 201—Sepontia misella, *Stal, Hem. Afr.* i. 134.

Natal.

Genus 20. EYSARCORIS, *C. H.* 224.

Europe.

1. EYSARCORIS PERLATUS, *C. H.* 228.

Cimex furcatus, *Rossi, Faun. Etrusc.* ii. 1311—Cimex melanocephalus, *var. Illig. Faun. Etr.* ii. 374—Eusarcoris æneus, *Fieb. Hem.* 332.

a—m. England. From Mr. Stephens' collection.
n. England. Presented by W. W. Saunders, Esq.
o. Paris. Presented by the Entomological Club.
p. Switzerland. Presented by the Entomological Club.
q—s. St. Vincent, Cape de Verd Isles. Presented by the Admiralty.

2. EYSARCORIS LUNATUS, *C. H.* 229.

Pentatoma impressum, *H.-Sch. Faun. Ins.* 115, 10; *Wanz. Ins.* vii. 93—Pentatoma lunata, *Costa, Cim. Cent.* 2 *decas* 6-10, 22—Rhacostethus lunatus, *Fieb. Hem.* 331—Staria lunata, *Muls. et Rey, Pun. France,* ii. 165.

a. South France.
b. Crete. Presented by W. W. Saunders, Esq.

3. EYSARCORIS MELANOCEPHALUS.

Cimex æneus? *Scopoli, Ent. Carn.* 122, 358 — Cimex venustissimus? *Schr. Ent.* 122, 535—Cimex melanocephalus, *Fabr. Syst. Ent.* 716, 99; *Ent. Syst.* iv. 125, 176. *Panz. Faun. Ins.* 26, 24. *Wolff, Icon. Cim.* 139, 134, pl. 14, f. 134—Pentatoma melanocephala, *Latr. Hist. Ins.* xii. 194. *Costa, Cim. Cent.* ii. *decas* 6-10, 23. *Gorski, Anal. Ent.* 78, 43—Cydnus melanocephalus, *Fabr. Syst. Rhyn.* 187, 14—Eysarcoris melanocephalum, *Hahn, Wanz. Ins.* ii. 130, pl. 70, f. 211—Eysarcoris melanocephalus, *Kol. Mel. Ent.* v. 33. *Muls. et Rey, Pun. France,*

ii. 170. *Douglas and Scott, Brit. Hem. Het.* 75—Eusarcoris melanocephalus, *Fieb. Hem.* 332.

a—m. England. From Mr. Stephens' collection.

4. Eysarcoris inconspicuus.

Pentatoma inconspicuum, *H.-Sch. Wanz. Ins.* vii. 93—Eusarcoris Helferi, *Fieb. Hem.* 332—Pentatoma pusilla, *Costa, Cim. Cent.* ii. *decas* 6-10, 24—Eysarcoris misellus, *Stal, Ofv. K. Vet. Ak. Forh.* 1853, 217—Pentatoma (Eysarcoris) misella, *Stal, Hem. Afr.* i. 135—Eysarcoris epistomalis, *Muls. et Rey, Pun. France*, ii. 177.

Sicily. Egypt. Cape. Natal.

5. Eysarcoris pusillus.

Cimex pusillus, *H.-Sch. Faun. Ins.* 115, 9—Eysarcoris binotatus, *Hahn. Wanz. Ins.* ii. 130, pl. 70, f. 212—Eysarcoris pusillus, *Kol. Mel. Ent.* iv. 34—Pentatoma consimilis, *Costa, Cim. Cent.* ii. *decas* 6-10, 25, pl. 5, f. 5—Eusarcoris binotatus, *Fieb. Hem.* 333—Eusarcoris gibbus, *Fieb. Hem.*—Dalleria pusilla, *Muls. et Rey, Pun. France*, ii. 180.

a. England. From Mr. Stephens' collection.

6. Eysarcoris bipunctatus.

Cimex bipunctatus, *Fabr. Sp. Ins.* ii. 358; *Ent. Syst.* iv. 121; *Syst. Rhyn.* 176. *De Vill. Linn. Ent.* i. 503. *Coq. Ill. Icon. decas* ii. pl. 19, f. 1. *Rossi, Faun. Etrus.* ii. 1310. *Illig. Ed. Faun. Etr.* ii. 372—Pentatoma bipunctata, *Latr. Hist. Ins.* xii. 195. *H.-Sch. Faun. Ins.* 113, 10. *Costa, Cim. Cent.* ii. *decas* 6-10, 24. *Gorski, Anal. Ent.* 81—Pentatoma amœna, *Brullé, Exp. Sc. Morée*, 70—Eysarcoris bipunctatus, *Hahn, Wanz. Ins.* ii. 68, pl. 51, f. 156—Eysarcoris bipunctatum, *Kol. Mel. Ent.* iv. 34—Eusarcoris bipunctatus, *Fieb. Hem.* 332—Onylia bipunctata, *Muls. et Rey, Pun. France*, ii. 185.

South France.

7. Eysarcoris Grenieri.

Eusarcoris Grenieri, *Sign. A. S. E. F. 4me Ser.* v. 116—Dalleria Grenieri, *Muls. et Rey, Pun. France*, ii. 183.

South France.

8. Eysarcoris intermedius.

Cydnus intermedius, *Wolff, Icon. Cim.* 182, pl. 18, f. 181—Eysarcoris intermedius, *Hahn. Wanz. Ins.* ii. 128, pl. 70, f. 209—Pentatoma intermedia, *Gorski, Anal. Ent.* 74, 41—Ælia (Eusarcoris) intermedia, *Flor, Rhynch. Liv.* 126, 1—Apariphe intermedia, *Fieb. Hem.* 358—Rubiconia intermedia, *Muls. et Rey, Pun. France*, ii. 162.

Europe.

9. Eysarcoris Sahlbergi.

Sahlbergi, *Stal, Stett. Ent. Zeit.* xix. 177.

Siberia.

10. Eysarcoris angustatus.

Eysarcoris angustatus, *Barensprung*—Crypsinus angustatus, *Dohrn*, *Stett. Ent. Zeit.* xxi. 101.

Sarepta.

North America.

11. Eysarcoris conspicillaris, *C. H.* 225.

a. California. From Dr. Hartweg's collection.

12. Eysarcoris carnifex, *C. H.* 225.

a—e. Nova Scotia. From Lieut. Redman's collection.
f—h. North America. Presented by the Entomological Club.
i, k. Trenton Falls, New York. Presented by E. Doubleday, Esq.
l—r. United States. Presented by F. Walker, Esq.
s. Trenton Falls. Presented by W. W. Saunders, Esq.

13. Eysarcoris punctifer.

Flavescens, nigro aspere punctatus; caput sat magnum; antennæ corporis dimidio longiores, articulis 4o 5oque nigris basi flavescentibus; thorax linea longitudinali, punctis duobus marginibusque lateralibus glabris; scutellum callis tribus basalibus minimis pallide flavis; venter vittâ nigra angulosa abbreviata medio coarctata; pedes nigro conspersi; alæ anticæ striga subcostali glabra clavata.

Yellowish, oval, roughly punctured; punctures black. Head rather large; lobes of equal length; middle lobe hardly punctured. Eyes slightly prominent. Rostrum extending to the hind coxæ; tip black. Antennæ a little more than half the length of the body; joints successively increasing in length; first joint not extending to the front of the head; fourth and fifth black, except towards the base. Thorax with an incomplete smooth longitudinal line, with a smooth point in the fore part of the disk on each side, and with smooth lateral rims; hind angles obtuse, slightly prominent. Scutellum rather narrow towards the tip, extending a little beyond the angle of the corium; three minute pale yellow calli on the fore border. Abdomen black above, with yellow marginal spots; under side with a black zigzag stripe, which is much contracted in the middle and is abbreviated towards the tip. Legs rather slender; femora and tibiæ black-speckled. Fore wings with a smooth clavate subcostal streak; membrane pale cinereous. Length of the body 2½ lines.

Closely allied to *E. perlatus*, from which it may be distinguished by the punctures on the thorax.

a. California.

Mexico.

14. Eysarcoris decoratus, *C. H.* 225.

a. Mexico. Presented by E. P. Coffin, Esq.
b. Mexico. From Mr. Glennie's collection.

South America.

15. Eysarcoris alienus.

Testaceus, nitens, sat planus, fusco aut nigro punctatus; caput breve, antice nigro marginatum; antennæ graciles, articulo 1o frontem subattingente; thorax fascia antica glabra, lineis duabus lateralibus nigris; metasternum inter coxas scutatum; pedes robusti, setulosi, fusco subconspersi; alæ anticæ macula postmedia nigricante.

Testaceous, oval, shining, rather flat, minutely punctured; punctures brown, here and there black. Head short, rounded and bordered with black in front; lobes of equal length. Rostrum extending to the hind coxæ. Antennæ slender, pubescent, much shorter than the body; first joint extending nearly to the front of the head; third a little shorter than the second; fourth and fifth black for half the length from the tips; fourth much longer than the third; fifth a little longer than the fourth. Thorax with a smooth band very near the fore border and with a black line along each side. Scutellum extending much beyond the bend of the corium; the base paler in the middle and on each side. Pectus with a plate between the middle coxæ and the hind coxæ; this plate is forked hindward. Legs stout, setulose, with a few brown speckles. Fore wings with a blackish spot in the disk beyond the middle of the corium; membrane pellucid. Length of the body 3 lines.

It differs somewhat from the typical form of *Eysarcoris*, but hardly sufficiently to constitute a new genus.

a. Brazil. From Mr. Bates' collection.

Africa.

16. Eysarcoris? pungens.

Cimex pungens, *Germ. Silb. Rev. Ent.* v. 171.

Cape.

17. Eysarcoris natalensis, *C. H.* 225.

Flaminia natalensis, *Stal, Hem. Afr.* i. 199.

a. Natal. From Mr. Tucker's collection.

Hindostan.

18. Eysarcoris dubius, *C. H.* 227.

Ceylon.

a. Tenasserim. Presented by — Packman, Esq.

19. Eysarcoris guttigerus, *C. H.* 228.

Pentatoma nepalensis, *Hope, Cat. Hem.* 36—Pentatoma punctipes, *Hope, Cat. Hem.* 36.

Ceylon.

a—f. Hindostan? Presented by Gen. Hardwicke.
g. North Bengal. From Lieut. Campbell's collection.
h. China. Presented by G. T. Lay, Esq.
i, j. Hindostan. Presented by W. W. Saunders, Esq.

20. Eysarcoris megaspilus.

Fulvus, nitens, brevi-ellipticus, nigro punctatus; caput nigrum, strigis longitudinalibus fulvis; antennæ fulvæ, apice piceæ, corporis dimidio breviores; thorax disco atomisque fulvis; scutellum maculis duabus basalibus maximis lituraque apicali lunulata incisa luteis; pectus et venter vittis quatuor indeterminatis luteis; metasternum carinatum; pedes lutei, breves, robusti, femoribus nigro fasciatis; alæ anticæ nigricante plagiatæ.

Tawny, shining, convex, short-elliptical, minutely punctured; punctures black. Head black, with several longitudinal tawny streaks; lobes of equal length. Rostrum tawny, extending to the hind coxæ; tip black. Antennæ tawny, piceous towards the tips, less than half the length of the body; joints successively increasing in length; first not extending to the front of the head. Thorax black, with a few tawny speckles and with a tawny disk. Scutellum with a very large luteous spot on each side at the base, and with a luteous crescent-shaped apical mark, which is notched in the middle. Pectus and under side of abdomen with four irregular and interrupted luteous stripes; a luteous keel between the middle coxæ and the hind coxæ. Legs luteous, short, stout; femora with an irregular black band beyond the middle. Fore wings with two or three blackish patches; membrane pale cinereous. Length of the body 2—2½ lines.

The structure of this species is different from that of *E. dubius* and *E. guttigerus*, which have more affinity to the typical form of the genus.

a. North China. From Mr. Fortune's collection.
b—d. Hong Kong. Presented by J. C. Bowring, Esq.

21. Eysarcoris rugulosus.

Æneo-luridus, aspere punctatus, subtus æneus glaber; caput longiusculum, lateribus subreflexis; antennæ nigræ, corporis dimidio breviores; thorax transverse birugulosus; scutellum bisulcatum; pedes fulvi, breves, robusti, nigro conspersi; membrana fusca.

Æneous-lurid, oval, rather roughly punctured; under side bright æneous, smooth, shining. Head elongate; lobes of equal length; lateral margins slightly reflexed. Rostrum tawny, extending to the hind coxæ; tip black. Antennæ black, minutely setulose, less than half the length of the body; joints successively increasing in length; first not extending to the front of the head. Thorax with two slight transverse ridges. Scutellum with two slight grooves converging from the sides of the fore border to the middle of the disk. Legs tawny, short, stout, black-speckled. Membrane of the fore wings brown. Length of the body 2½ lines.

Nearly allied in structure to *E. bovillus* and to *E. insularis.*

a. Cahar. Presented by J. C. Bowring, Esq.

Australasia.

22. Eysarcoris affinis, *C. H.* 227.

a. Java. From the East India Company's collection.

23. Eysarcoris bovillus, *C. H.* 229.

a. Philippine Isles. From Mr. Cuming's collection.

24. Eysarcoris humeralis, *C. H.* 229.

a. Java. Presented by J. C. Bowring, Esq.
b. ———?

25. Eysarcoris convectus.

Luridus, nigro aspere punctatus; caput nigrum, longiusculum; antennæ pallide rufescentes, corporis dimidio non longiores; thorax antice declivis, spinis duabus robustis obtusis; scutellum maximum; venter æneo-niger, vittis duabus lateralibus pallide flavis; pedes pallide lutei, robusti, nigro conspersi.

Lurid, dull, oval, rather roughly punctured; punctures black. Head elongate, mostly black; lobes of equal length. Eyes rather prominent. Rostrum tawny, extending to the hind coxæ; tip black. Antennæ pale reddish, slender, minutely setulose, not more than half the length of the body; joints successively increasing in length; first not extending to the fore border of the head. Thorax slanting in front of the transverse ridge between the hind angles, which form two stout short obtuse spines. Scutellum extending to five-sixths of the length of the abdomen. Under side of the abdomen æneous-black, with two pale yellow lateral stripes. Legs pale luteous, stout, black-speckled. Membrane of the fore wings pale cinereous. Length of the body 3 lines.

Like *E. humeralis* in structure; angles of the thorax less obtuse.

a. Gilolo. Presented by W. W. Saunders, Esq.

26. Eysarcoris decisus.

Fulvus, crassus, nigro punctatus; caput nigrum, longiusculum, postice fulvo unistrigatum; antennæ luteæ; thorax transverse impressus, nigro lituratus, spinis posticis obtusis brevissimis latissimis; scutellum magnum, nigro nebulosum, callis duobus basalibus luteis parvis rotundis; pectus nigro pustulatum; venter æneo-niger, vittis duabus marginalibus latis rufescentibus; pedes pallide lutei, nigro conspersi; alæ anticæ nigro vix nebulosæ.

Tawny, thick, oval, somewhat coarsely punctured; punctures black. Head black, elongate, with a longitudinal tawny streak near the hind border; lobes of equal length, tawny at the tip. Rostrum extending to the hind border of the first abdominal segment; tip black. Antennæ luteous, slender, full half the length of the body; joints successively increasing in length; first not extending to the front of the head. Thorax with some irregular black marks and with a slight transverse furrow at one-third of the length from the fore border; hind angles forming two obtuse and very short and broad spines. Scutellum extending to beyond three-fourths of the length of the abdomen, partly clouded with black; a small round luteous callus on each side at the base. Pectus with some black blotches. Abdomen beneath æneous-black, with two broad reddish marginal stripes.

Legs pale luteous, black-speckled. Fore wings hardly clouded with black; membrane pale cinereous. Length of the body 3 lines.

Like *E. humeralis* in structure.

a. Java. Presented by J. C. Bowring, Esq.

27. Eysarcoris conterminus.

Pallide luteus, crassus, viridi punctatus; caput viride; antennæ luteæ, apice obscuriores, corporis dimidio longiores; thorax antice declivis, strigis duabus anticis viridibus transversis glabris, angulis posticis obtusissimis; scutellum maximum, callis duabus basalibus transversis luteis; venter viridis, vittis duabus marginalibus apiceque luteis, guttis marginalibus nigris; pedes lutei, nigro conspersi.

Pale luteous, thick, oval, roughly punctured; punctures green. Head mostly green; lobes of equal length. Rostrum luteous, extending to the hind coxæ; tip black. Antennæ luteous, slender, pubescent, darker towards the tips, a little more than half the length of the body; joints successively increasing in length; first not extending to the front of the head. Thorax with a transverse green mostly smooth streak on each side near the fore border and with a slight transverse ridge between the hind angles, which are slightly prominent and very obtuse. Scutellum extending to very near the tip of the abdomen; a transverse luteous callus on each side of the fore border. Abdomen beneath green, with a luteous tip and two marginal luteous stripes and with black marginal dots. Legs luteous, black-speckled. Length of the body 3 lines.

This species closely resembles *E decisus*, but the hind angles of the thorax are less prominent, the scutellum extends nearer to the tip of the abdomen, and the calli at its base are smaller and paler.

a. Flores. Presented by W. W. Saunders, Esq.

28. Eysarcoris medius.

Luteus, crassus, viridi punctatus; caput longiusculum, lateribus subreflexis; antennæ corporis dimidio non longiores; thorax strigis duabus anticis transversis viridibus glabris, angulis posticis obtusis, lateribus subreflexis; scutellum magnum, apice flavum glabrum; venter viridis, vittis duabus marginalibus luteis, guttis marginalibus nigris; pedes lutei, nigro conspersi.

Luteous, thick, oval, roughly punctured; punctures green. Head elongated, with slightly reflexed borders; lobes of equal length. Rostrum tawny, extending a little beyond the hind coxæ; tip black. Antennæ luteous, slender, pubescent, not more than half the length of the body; joints successively increasing in length; first not extending to the front of the head. Thorax with a transverse smooth green streak on each side near the fore border; hind angles obtuse, slightly prominent; sides smooth, slightly reflexed. Scutellum extending to nearly three-fourths of the length of the abdomen; apical border pale yellow and smooth, except in the middle. Abdomen beneath green, with two luteous marginal stripes and with black marginal dots. Legs luteous, black-speckled. Fore wings with a cinereous membrane. Length of the body 3½ lines.

a. Ternate. Presented by W. W. Saunders, Esq.

29. Eysarcoris contentus.

Æneo-viridis, crassus; caput longiusculum, lateribus subreflexis; antennæ luteæ; thorax marginibus lateralibus subreflexis liturisque posticis parvis transversis flavis, angulis posticis obtusis; scutellum callis duobus basalibus duobusque apicalibus angustis transversis pallide flavis; venter lineis duabus marginalibus interruptis pallide flavis; pedes lutei, nigro conspersi; alæ anticæ costa basi pallide flava, membrana fuscescente.

Green, oval, thick, roughly punctured, here and there with æneous reflections. Head elongated, with slightly reflexed borders; lobes of equal length. Rostrum luteous, extending to the hind coxæ; tip black. Antennæ luteous, pubescent, about half the length of the body; joints successively increasing in length; first not extending to the front of the head. Thorax with yellow slightly reflexed lateral borders and with a few small transverse yellow marks between the hind angles, which are obtuse and rather prominent. Scutellum extending to two-thirds of the length of the abdomen, with a pale yellow transverse callus on each side at the base and with two narrow transverse pale yellow apical calli which are nearly connected. Abdomen beneath with two pale yellow marginal lines, which are interrupted on the sutures of the segments. Legs luteous, black-speckled. Fore wings with the costa pale yellow towards the base; membrane brownish. Length of the body $3\frac{1}{3}$ lines.

a. Celebes. Presented by W. W. Saunders, Esq.
b, c. Celebes. From Mr. Wallace's collection.

Oceania.

30. Eysarcoris insularis, *C. H.* 228.

a. Sandwich Islands.

Country unknown.

31. Eysarcoris distactus, *C. H.* 226.

a, b. ——? Presented by the Entomological Club.
c. ——? Presented by W. W. Saunders, Esq.

Genus 21. ANTESTIA.

Antestia, *Stal, Hem. Afr.* i. 200, ex parte.

Africa.

1. Antestia bicincta.

Rhaphigaster bicinctus, *C. H.* 288.

a. Cape. From M. Drégé's collection.
b, c. South Africa. Presented by Sir A. Smith.

2. Antestia lineata.

Cimex lineatus, *Thunb. Hem. Rostr.* ii. 2—Rhaphigaster divisus, *C. H.* 289—Antestia lineata, *Stal, Hem. Afr.* i. 206.

a. South Africa. From Mr. Argent's collection.
b. Cape. Presented by W. W. Saunders, Esq.

3. Antestia loriventris.

Rhaphigaster loriventris, *C. H.* 289—Antestia loriventris, *Stal, Hem. Afr.* i. 289.

a. Cape. From M. Dréjé's collection.
b. Natal. From M. Gueinzius' collection.

4. Antestia maculiventris.

Rhaphigaster maculiventris, *C. H.* 286—Rhaphigaster elongatus, *Sign. Arch. Ent.* ii. 289—Rhaphigaster cincticeps, *Stal, Ofv. K. Vet. Ak. Forh.* 1858, 438—Antestia maculiventris, *Stal, Hem. Afr.* i. 207.

a. West Africa. Presented by B. Frend, Esq.

5. Antestia lythrodes.

Rhaphigaster lythrodes, *C. H.* 286.

a. Cape.

6. Antestia pœcila.

Rhaphigaster pœcilus, *C. H.* 287.

a. South Africa. From Mr. Argent's collection.

7. Antestia decoratula.

Rhaphigaster decoratulus, *Stal, Ofv. K. Vet. Ak. Forh.* 1853, 222—Rhaphigaster scurrilis, *Stal, Ofv K. Vet. Ak. Forh.* 1853, 222—Antestia decoratula, *Stal, Hem. Afr.* i. 207.

Natal.

8. Antestia punctiventris.

Rhaphigaster punctiventris, *C. H.* 284.

a. Senegal. Presented by M. Percheron.

9. Antestia amæna.

Rhaphigaster amænus, *Stal, Ofv. K. Vet. Ak. Forh.* 1853, 222—Antestia amæna, *Stal, Hem. Afr.* i. 208.

Natal.

10. Antestia perpunctata.

Pentatoma perpunctata, *Sign. Arch. Ent.* ii. 283—Antestia perpunctata, *Stal, Hem. Afr.* i. 209.

Calabar.

11. Antestia gratiosa.

gratiosa, *Stal, Hem. Afr.* i. 209.

Calabar.

12. Antestia versicolor.

Pentatoma versicolor, *Pal. Beauv. Ins.* 114; *Hem.* pl. 8, f. 8—Antestia versicolor, *Stal, Hem. Afr.* i. 210.

Oware.

13. Antestia parvula.

Rhaphigaster parvulus, *Sign. Arch. Ent.* ii. 289—Antestia parvula, *Stal, Hem. Afr.* i. 211.

Calabar.

Madagascar.

14. Antestia transversa.

Rhaphigaster transversus, *Sign. A. S. E. F. 3me Ser.* viii. 936.

Madagascar.

Asia.

15. Antestia apicalis.

Rhaphigaster apicalis, *C. H.* 285.

a. North Hindostan. From Capt. Boys' collection.

16. Antestia varipennis.

Rhaphigaster varipennis, *C. H.* 286.

a. Tenasserim. Presented by — Packman, Esq.
b. Java. From the East India Company's collection.
c. Java. Presented by J. C. Bowring, Esq.
d. Malacca. Presented by W. W. Saunders, Esq.

17. Antestia flavovaria.

Rhaphigaster flavovarius, *C. H.* 288.

a. North Hindostan. From Captain Boys' collection.
b, c. Hindostan. Presented by W. W. Saunders, Esq.

18. Antestia concinna.

Rhaphigaster concinna, *C. H.* 285.

Ceylon.

a, b. ———?

Australasia.

19. Antestia leucophæa.

Obscure fusca, late elliptica, nitens, subtus testacea; caput parvum; antennæ fulvæ, basi testaceæ; thorax testaceus, fusco punctatus, fascia postica obscure fusca, angulis posticis valde rotundatis; scutellum apice angustum, lituris nonnullis lateralibus testaceis, strigis duabus basalibus lineaque apicali flavis; pedes testacei; alæ anticæ testaceo notatæ.

Dark brown, broad, elliptical, shining, finely punctured, testaceous beneath. Head small; lobes of equal length. Eyes rather prominent.

Antennæ tawny, rather stout, testaceous towards the base; first joint extending to the front of the head. Thorax testaceous, with brown punctures, and with a dark brown band which is very near the hind border; hind angles much rounded, not prominent. Scutellum extending to a little beyond two-thirds of the length of the abdomen, rather narrow towards the tip; some testaceous speckles on each side; a yellow streak on each side near the base, and a yellow line round the tip. Legs testaceous. Fore wings with an irregular testaceous mark in the disk beyond the middle; membrane pellucid. Length of the body $3\frac{1}{4}$ lines.

a. New Guinea. Presented by W. W. Saunders, Esq.

20. Antestia quadrimaculata.

Flava, nitens, nigro punctata; caput nigro sex vittatum; antennæ luteæ, corporis dimidio breviores; thorax lineis duabus anticis nigris transversis interruptis; scutellum maculis duabus subapicalibus nigris; pectus nigrum, apud coxas flavum; venter nigro trivittatus, vitta media maculari; pedes lutei; alæ anticæ macula nigra apicali.

Yellow, oval, shining, rather thinly and roughly punctured; punctures black. Head with six black stripes, of which the two outer pairs on each side are irregular; lobes of equal length. Rostrum luteous, extending to the hind coxæ; tip black. Antennæ luteous, a little less than half the length of the body; joints successively increasing in length; first not extending to the front of the head. Thorax with two interrupted transverse black lines near the fore border. Scutellum with a black spot on each side near the tip. Pectus black, yellow about the base of the legs. Abdomen beneath with three black stripes, the middle stripe composed of triangular black spots. Legs luteous, stout. Fore wings with a black spot at the tip of the corium near the costa; membrane pellucid. Length of the body $2\frac{3}{4}$ lines.

a. Celebes. Presented by W. W. Saunders, Esq.

Country unknown.

21. Antestia pallipes.

Rhaphigaster pallipes, *C. H.* 287.

a. ———?

Genus 22. HYMENARCYS.

Hymenarcys, *Am. et Serv. Hem.* 124—Cœnus, *C. H.* 230.

1. Hymenarcys perpunctata.

perpunctata, *Am. et Serv. Hem.* 124.

North America.

2. Hymenarcys æruginosa.

æruginosa, *Am. et Serv. Hem.* 125—Cœnus tarsalis, *C. H.* 230.

a, b. New York. Presented by Dr. Fitch.
c. North America. Presented by F. Walker, Esq.
d. ———?

3. Hymenarcys viridicata.

Testacea, scite punctata nonnunquam viridi varia; caput longiusculum, lobo medio subcarinato; antennæ nigræ, corporis dimidio breviores; thorax vix impressus; pedes breves, robusti; alæ anticæ saturate virides, costa testacea rotundata, membrana pellucida.

Cœnus viridicatus, *Uhler, MSS.*

Testaceous, elliptical, finely punctured, tinged here and there with green. Head elongate; lobes of equal length; middle lobe forming a slight keel in front. Rostrum extending a little beyond the hind border of the first abdominal segment; tip black. Antennæ black, a little less than half the length of the body; first joint not extending to the front of the head; third shorter than the second; fourth and fifth longer than the second. Thorax with a very indistinct transverse impression. Scutellum extending rather beyond the flexure of the corium. Abdomen entire at the tip. Legs short, stout. Fore wings deep green; costa testaceous, rounded; membrane pellucid. *Var. β.*—Wholly testaceous. Length of the body 4 lines.

a, b. North America. Presented by F. Walker, Esq.

4. Hymenarcys nervosa.

nervosa, *Say.*

a, b. Indiana. Presented by F. Walker, Esq.
c. North America. Presented by Dr. Fitch.

Genus 23. MASSOCEPHALUS, *C. H.* 230.

1. Massocephalus maculatus, *C. H.* 231.

a. Philippine Isles. From Mr. Cuming's collection.

Genus 24. APINES, *C. H.* 231.

1. Apines concinna, *C. H.* 232.

a. Hindostan. From Mr. Wooley's collection.
b. Bombay. Presented by E. Downes, Esq.

Genus 25. PENTATOMA, *C. H.* 232.

Europe.

1. Pentatoma baccarum, *C. H.* 235.

Cimex fusispinus, *Bohm. Handb.* 1849, 241—Carpocoris baccarum, *Muls. et Rey, Pun. France*, ii. 238.

a—ff. England. From Mr. Stephens' collection.
gg—hh. Europe. From Mr. Children's collection.
ii—kk. France. Presented by W. W. Saunders, Esq.
ll—oo. France.
pp. Switzerland. Presented by Dr. Dowler.
qq—ss. Geneva. Presented by M. Goureau.
tt, uu. Italy. Presented by Dr. Dowler.
ww, xx. Polish Ukraine. Presented by Dr. Dowler.

yy—bbb. Albania. Presented by W. W. Saunders, Esq.
ccc, ddd. Crete. Presented by W. W. Saunders, Esq.
eee. Malaga. Presented by H. Woodward, Esq.
fff. Malta.
ggg. Syria. From Mr. Stevens' collection.
hhh. Bagdad. Presented by W. K. Loftus, Esq.
iii. Tunis. From Mr. Fraser's collection.
kkk—nnn. Egypt. Presented by Sir G. Wilkinson.
ooo—dddd. Madeira. From Mr. Wollaston's collection.
eeee—kkkk. Sandwich Islands. Presented by the Lords of the Admiralty.
llll, mmmm. Japan. From Mr. Stevens' collection.
nnnn—fffff. ———?

2. Pentatoma nigricornis.

Cimex purpureipennis, *Deg. Ins.* iii. 358, pl. 13, f. 15—Cimex pudicus? *Poda, Ins. Mus. Ginel*, 56, 9. *Schr. En. Ins Austr.* 271, 524; *Faun. Boic.* ii. 73—Cimex nigricornis, *Fabr. Ent. Syst.* iv. 94. *Schr. Faun. Boic.* ii. 70. *Fall. Hem.* 27—Pentatoma nigricornis, *Latr. Hist. Ins.* xii. 187. *Douglas and Scott, Brit. Hem. Het.* 78—Cimex Eryngii, *Germar, Reise Dalm.* 233. *Ahrens, Faune Ins.* ii. 21—Pentatoma Eryngii, *Hahn, Wanz. Ins.* ii. 59, pl. 48, f. 148. *Gorski, Anal. Ent.* 97—Mormidea nigricornis, *Fieb. Hem.* 335—Carpocoris (Codophila) nigricornis, *Muls. et Rey, Pun. France*, ii. 242.

Europe.

3. Pentatoma melanocera.

Pentatoma melanocera, *Muls. et Rey, Ann. Soc. Linn. Lyon*, 1850-1852, 50. *Muls. Opusc. Ent.* i. 108—Mormidea nigricornis, var., *Fieb. Hem.* 396—Carpocoris (Codophila) melanocera, *Muls. et Rey, Pun. France*, ii. 247.

Basses Alpes. Chamounix.

4. Pentatoma tarsata.

Carpocoris tarsata, *Muls. et Rey, Pun. France*, ii. 246.

South France.

5. Pentatoma verbasci, *C. H.* 235.

Carpocoris (Dolycoris) verbasci, *Muls. et Rey, Pun. France*, ii. 258.

a. England. Presented by W. W. Saunders, Esq.
b. South Europe. Presented by R. M'Andrew, Esq.
c—e. South France. Presented by F. Walker, Esq.
f, g. Italy.
h. Albania. Presented by W. W. Saunders, Esq.
i. Crete. Presented by W. W. Saunders, Esq.
j. Malta. From Mr. Children's collection.
k. Africa. From Mr. Children's collection.
l. Tunis. From Mr. Fraser's collection.
m. Madeira. Presented by T. V. Wollaston, Esq.
n. North Bengal. From Lieut. Campbell's collection.
o. Bombay. Presented by Sir W. Elliott.

p. China. Presented by G. T. Lay, Esq.
q—t. Interior of China. Presented by Lieut.-Col. H. A. Sarel.
v, w. ———? Presented by W. W. Saunders, Esq.
x—z. ———? From Mr. Children's collection.
aa. ———?

6. Pentatoma varia.

Cimex varius, *Fabr. Ent. Syst.* iv. 95; *Syst. Rhyn.* 158, 13—Cimex lunula, *Fabr. Ent. Syst.* iv. 96; *Syst. Rhyn.* 158, 14. *Panz. Faun. Ins.* 126, 20—Pentatoma lunula, *Latr. Hist. Ins.* xii. 187—Pentatoma varium, *H.-Sch. Faun. Ins.* 126, 20—Carpocoris bilunulata, *Kol. Mel.* 176, pl. 16, f. 35; *var.* persica, f. 36; *var.* nubica, f. 37—Mormidea varia, *Fieb. Hem.* 335—Carpocoris (Cadophila) lunula, *Muls. et Rey, Pun. France*, ii. 250.

South Europe.

a. ———? Presented by W. W. Saunders, Esq.

7. Pentatoma lynx.

Cimex lynx, *Fabr. Ent. Syst.* iv. 110; *Syst. Rhyn.* 168. *Wolff, Icon. Cim.* 100, 94, pl. 10, f. 94—Pentatoma lynx, *Panz. Faun. Ins.* 113, 8, *Gorski, Anal. Ent.* 90—Carpocoris pusio, *Kol. Mel. Ent.* iv. 18, pl. 16. f. 39—Mormidea lynx, *Fieb. Hem.* 336—Mormidea pusio, *Fieb. Hem.* 336—Carpocoris (Antheminia) lynx, *Muls. et Rey, Pun. France*, ii. 254.

Europe. Siberia.

8. Pentatoma prasina.

Pentatoma dissimilis, *C. H.* 241—Cimex viridissimus, *Poda, Ins. Mus. Gr.* 56—Cimex discolor, *Wolff, Icon. Cim.* 178, pl. 18, f. 177—Palomena viridissima, *Muls. et Rey, Pun. France*, 277.

a—t. England. From Mr. Stephens' collection.
v, w. Europe. From Mr. Children's collection.
x. France. Presented by Lady Seymour.
y. Geneva. Presented by M. Goureau.
z. Spain. Presented by Major Parry.
aa—dd. ———?

9. Pentatoma sphacelata, *C. H.* 236.

Holcostethus sphacelatus, *Fieb. Hem.* 334—Dryocoris sphacelatus, *Muls. et Rey, Pun. France*, ii. 267.

a. Italy.
b, c. ———? Presented by W. W. Saunders, Esq.
d. ———?

10. Pentatoma pusio.

Carpocoris pusio, *Kol. Mel.* 172, pl. 16, f. 39—Mormidea pusio, *Fieb. Hem.* 336.

Russia.

11. Pentatoma vernalis.

Cimex vernalis, *Wolff*, *Icon. Cim.* 140, pl. 14, f. 135. *Fall. Mon. Cim.* 48, 14; *Hem.* 30, 14. *Fieb. Hem.* 339—Pentatoma vernalis, *Hahn*, *Wanz. Ins.* ii. 64, pl. i. f. 153. *Sahlb. Mon. Geoc. Fenn.* 26. *Gorski*, *Anal. Ent.* 88—Pentatoma vernale, *Panz. Faun. Ins.* 113, 6. *Flor. Rhynch. Liv.* i. 135—*Douglas and Scott*, *Brit. Hem. Het.* 82—Carpocoris vernalis, *Kol. Mel. Ent.* iv. 52—Peribalus vernalis, *Muls. et Rey*, *Pun. France*, ii. 262.

Europe. Mesopotamia. North Africa.

a—d. Madeira. From Mr. Wollaston's collection.

12. Pentatoma cincta.

Cimex cinctus, *Fabr. Ent. Syst.* iv. 113; *Syst. Rhyn.* 169, 79. *Dohrn*, *Stett. Ent. Zeit.* xix. 228—Cimex purpureo-marginatus, *Ramb. Faun. And.* ii. 121—Cimex tarsatus, *Klug*, *Sym. Phys. Dec.* v. pl. 44, f. 12—Brachymena roseipennis, *Muls. et Rey*, *Ann. Soc. Linn. Lyon.* 1850-1852, 87. *Muls. Opusc. Ent.* i. 106—Brachymena cincta, *Fieb. Hem.* 339. *Muls. et Rey*, *Pun. France*, ii. 282.

South France. Spain.

13. Pentatoma virens.

Cimex virens, *Klug*, *Sym. Phys. Dec.* v. 7, pl. 44, f. 11—Rhaphigaster Germari? *Kol. Mel. Ent.* iv. 56, pl. 16, f. 33—Oncona Germari? *Kuster*, *Fieb. Hem.* 333—Brachymena virens, *Muls. et Rey*, *Pun. France*, ii. 286.

South France. Syria. Egypt.

14. Pentatoma Baerensprungi.

Brachymena Baerensprungi, *Muls. et Rey*, *Pun. France*, ii. 285.

Germany.

15. Pentatoma juniperina, *C. H.* 242.

a—f. England. From Mr. Stephens' collection.
g. Europe. From Mr. Children's collection.
h. Geneva. Presented by M. Goureau.
i, j. Canada. Presented by Dr. Barnston.

16. Pentatoma inclusa.

inclusa, *Dohrn*, *Stett. Ent. Zeit.* xxi. 103—Peribalus inclusus, *Muls. et Rey*, *Pun. France*, ii. 266.

Sarepta.

17. Pentatoma distincta.

Cimex distinctus, *Meyer*, *Dür. MSS. Fieb. Hem.* 339—Peribalus distinctus, *Muls. et Rey*, *Pun. France*, ii. 265.

P. vernalis, *var.*?

Corsica.

18. Pentatoma pinicola.

pinicola, *Muls. et Rey, Ann. Soc. Linn. Lyon*, 1852, 89. *Muls. Opusc. Ent.* i. 108. *Fieb. Hem.* 336. *Muls. et Rey, Pun. France*, ii. 274.

Europe.

19. Pentatoma macrorhampha.

macrorhampha, *Fieb. Hem.* 336—P. pinicola, var., *Muls. et Rey, Pun. France*, 275.

South Europe.

20. Pentatoma fibulata.

Pentatoma fibulatum, *Germ. Faun. Ins.* 14, 10—Aulacetrus pini, *Perris, MSS. Amyot, A. S. E. F. Ser.* 2, ii. 424—Pentatoma fibulata, *Gorski, Anal. Ent.* 91—Halcogaster fibulatum, *Fieb. Hem.* 337—Aulacetrus fibulatus, *Muls. et Rey, Pun. France*, ii. 191.

Europe.

21. Pentatoma Jani.

Holeostichus Jani, *Fieb. Hem.* 333.

Italy.

22. Pentatoma congener.

Holeostichus congener, *Fieb. Hem.* 334.

Italy.

23. Pentatoma intermedia.

Cydnus intermedius, *Wolff, Wanz. Ins.* 181—Eysarcoris intermedius, *Hahn, Wanz. Ins.* 209—Pentatoma lunatum, *H.-Sch. Faun. Ins.* 115, 11—Apariphe intermedia, *Fieb. Hem.* 338.

Europe.

24. Pentatoma porphyrea.

porphyrea, *Fieb. Wien. Ent. Mon.* viii. 334.

Amasia.

North America.

25. Pentatoma picea, *C. H.* 236.

a. Hudson's Bay. Presented by Dr. Barnston.

26. Pentatoma dubia, *C. H.* 237.

a. North America. Presented by the late Earl of Derby.

27. Pentatoma Boxura, *C. H.* 244.

a. North America. From Mr. Children's collection.

28. Pentatoma grisea, *C. H.* 246.

a, b. North America. Presented by E. Doubleday, Esq.
c. United States. Presented by F. Walker, Esq.

29. Pentatoma pilipes, *C. H.* 247.

a. St. John's Bluff, East Florida. Presented by E. Doubleday, Esq.
b, c. United States. Presented by F. Walker, Esq.

30. Pentatoma lugens, *C. H.* 248.

a. North America. Presented by the Entomological Club.
b. Trenton Falls, New York. Presented by E. Doubleday, Esq.
c. St. John's Bluff, East Florida. Presented by E. Doubleday, Esq.
d—f. North America.
g. United States. Presented by W. W. Saunders, Esq.
h—r. Indiana and Illinois. Presented by F. Walker, Esq.

31. Pentatoma custator, *C. H.* 251.

Thyamia custator, *Stal.*

a—d. St. John's Bluff, East Florida. Presented by E. Doubleday, Esq.
e, f. St. John's Bluff. Presented by E. Doubleday, Esq.
g. United States. Presented by F. Walker, Esq.
h. ——— ?

32. Pentatoma dentata.

Cimex dentatus, *H.-Sch. Wanz. Ins.* v. 64, pl. 164, f. 507.

a. Sasketchewan. Presented by Dr. Hooker.

33. Pentatoma pallidovirens.

pallidovirens, *Stal, Eng. Resa*, 227—Thyamia pallidovirens, *Stal.*
California.

34. Pentatoma marginalis.

Viridescente-picea, subtus nigra; caput nigrum, lateribus subreflexis; antennæ nigræ, corporis dimidio breviores; thorax foveola antica transversa glabra subundulata, lateribus rufis; scutellum apice rufum; abdomen rufo marginatum; pedes nigri, tibiis sulcatis; alæ anticæ costa rufa.

Greenish piceous, elliptical, finely punctured, black beneath. Head black, rounded in front; sides slightly reflexed; lobes of equal length. Rostrum black, extending to the middle coxæ. Antennæ black, less than half the length of the body; first joint not extending to the front of the head; second much longer than the third; fourth almost as long as the third; fifth as long as the third. Thorax with a slight undulating transverse smooth impression near the fore border; sides red; hind angles very obtuse, not prominent. Scutellum with a red tip, extending to the angle of the corium. Abdomen bordered with red. Legs black, stout; tibiæ furrowed. Fore wings with a red costa; membrane cinereous. Length of the body 6½—7 lines.

a. North America. Presented by F. Walker, Esq.
b. Mexico. From Mr. Glennie's collection.

West Indies.

35. Pentatoma obsoleta, *C. H.* 251.

a. Jamaica. From Mr. Gosse's collection.

South America.

36. Pentatoma testacea, *C. H.* 250.

a. South America. From Mr. Children's collection.

37. Pentatoma tæniola, *C. H.* 250.

Thyanta tæniola, *Stal.*

a. Central America. From Mr. Children's collection.

38. Pentatoma Kinbergi.

Kinbergi, *Stal*, *Eug. Resa*, 225.

Buenos Ayres. Monte Video.

39. Pentatoma fraterna.

fraterna, *Stal*, *Eug. Resa*, 225.

Monte Video.

40. Pentatoma punctaria.

punctaria, *Stal*, *Eug. Resa*, 226.

Rio Janeiro. Monte Video. Buenos Ayres.

41. Pentatoma modesta.

modesta, *Stal*, *Eug. Resa*, 224.

Buenos Ayres.

42. Pentatoma patruelis.

patruelis, *Stal*, *Eug. Resa*, 226—Thyanta patruelis, *Stal.*

Rio Janeiro.

43. Pentatoma bonariensis.

bonariensis, *Stal*, *Eug. Resa*, 227.

Buenos Ayres. Monte Video.

44. Pentatoma albocostata.

albocostata, *Spin. Faune Chil.* 132, pl. 1, f. 2. *Sign. A. S. E. F.* 4*me Ser.* iv. 546.

Chili.

45. Pentatoma dimidiaticollis.

dimidiaticollis, *Spin. Faune Chil.* 133, pl. 1, f. 3. *Sign. A. S. E. F.* 4*me Ser.* iv. 546.

Chili.

46. Pentatoma unidentata.

unidentata, *Spin. Faune Chil.* 134, pl. 1, f. 4. *Sign. A. S. E. F. 4me Ser.* iv. 546.

Chili.

47. Pentatoma hæmatopus.

hæmatopus, *Spin. Faune Chil.* 136, pl. 1, f. 5. *Sign. A. S. E. F. 4me Ser.* iv. 547.

Chili.

48. Pentatoma chilensis.

chilense, *H.-Sch. Wanz. Ins.* ix. 323.

Chili.

49. Pentatoma diffusa.

Testacea, lata, nigricante aspere punctata; antennæ nigro conspersæ, apice fuscæ, corporis dimidio breviores; thorax lineis tribus transversis glabris, angulis posticis obtusissimis; scutellum fascia nigra indeterminata, apice pallidum; metasternum scutatum; abdomen apice quadrispinosum; pedes nigro conspersi; alæ anticæ plaga fusca punctum flavum includente, membrana cinerea fusco nebulosa.

Testaceous, broad, oval, roughly punctured; punctures blackish. Head broad; lobes of equal length. Rostrum hardly extending beyond the middle coxæ. Antennæ less than half the length of the body; joints successively increasing in length; first, second and third speckled with black; first not extending to the front of the head; fifth brown for half the length from the tip. Thorax with three smooth transverse lines; third line between the hind angles less irregular than the two in front; hind angles very obtuse, not prominent. Scutellum with an irregular black band extending to the angle of the corium, paler and nearly smooth towards the tip. Pectus with a quadrangular plate between the middle coxæ and the hind coxæ. Abdomen above blue, varied with purple; four short apical spines. Legs rather short; femora and tibiæ speckled with black. Fore wings with a brown patch in the disk, including a pale yellow point; membrane cinereous, clouded with brown at the base along the costa and along the hind border. Length of the body 4 lines.

a. Brazil. Presented by W. W. Saunders, Esq.
b. Tapayos. From Mr. Bates' collection.

Banasa 50. Pentatoma subrufescens.

Saturate viridis, nitens; caput vittis duabus testaceis connexis; antennæ rufescentes, corporis dimidio longiores; thorax testaceo fasciatus, angulis posticis valde rotundatis; pectus pallidum; venter testaceus, lateribus subviridibus; pedes testacei, tibiis tarsisque rufescentibus; alæ anticæ margineque postico rufis.

Dark green, elongate-oval, shining, thinly and rather coarsely punctured. Head with two irregular and partly connected testaceous stripes, which do not extend to the front; lobes of equal length. Rostrum testaceous, extending a little beyond the hind coxæ; tip black. Antennæ reddish,

slender, a little more than half the length of the body; joints from the first to the fourth successively increasing in length; first not extending to the front of the head; fifth a little shorter than the fourth. Thorax with an interrupted and irregular testaceous band near the fore border; hind angles much rounded, not prominent. Scutellum extending a little beyond the angle of the corium. Pectus pale green. Abdomen beneath testaceous, with a green tinge on each side. Legs testaceous, stout; tibiæ and tarsi reddish. Fore wings red along the costa and along the hind border; membrane pale cinereous. Length of the body 4 lines.

a. Amazon Region. From Mr. Bates' collection.

51. (PENTATOMA) BASALIS.

Saturate viridis, nitens, subtus testacea; antennæ testaceæ, corporis dimidio non longiores, articulis 4o 5oque nigricantibus basi testaceis; thorax fascia antica testacea lata indeterminata, angulis posticis obtusis; scutellum apice albo marginatum; venter maculis duabus nigris; pedes testacei; alæ anticæ lituris parvis albidis; membrana cinerea fusco unimaculata.

Deep green, elongate-oval, shining, thinly and roughly punctured, testaceous beneath. Head testaceous; lobes of equal length; middle lobe very narrow. Rostrum testaceous, extending a little beyond the middle coxæ; tip black. Antennæ testaceous, slender, about half the length of the body; joints from the first to the fourth successively increasing in length; first not extending to the front of the head; fourth and fifth blackish, testaceous towards the base; fifth nearly as long as the fourth. Thorax with an irregular testaceous band, which extends interruptedly to the border; hind angles obtuse, not prominent. Scutellum extending a little beyond the angle of the corium, paler towards the tip, where it is bordered with white. Abdomen with a black spot on the first ventral segment and another on the second. Legs testaceous, stout. Fore wings with a few small whitish marks on the corium; membrane cinereous, with a brown spot near the costa before the middle. Length of the body 4 lines.

a. Amazon Region. From Mr. Bates' collection.

Cotavlax 52. (PENTATOMA) VARICORNIS.

Viridescente testacea, lata, nigro punctata; capitis lobi laterales lobum medium superantes, apice contigui; antennæ corporis dimidio longiores, nigro conspersæ, apices versus rufescentes, articulo 4o nigro-fasciato; thorax lateribus subreflexis, angulis posticis obtusis; scutellum maculis septem basalibus unaque discali nigris; venter subsulcatus; pedes nigro conspersi, tibiis sulcatis; alæ anticæ nigro triplagiatæ, membrana fuscescente.

Testaceous, oval, broad, slightly tinged with green, roughly punctured; punctures black. Head conical; lateral lobes conniving beyond the middle lobe, which is lanceolate. Rostrum extending to the hind coxæ; tip black. Antennæ slender, more than half the length of the body; first and second joints speckled with black; first extending to the front of the head; third speckled with black towards the base, reddish towards the tip,

a little shorter than the second; fourth reddish, testaceous and with a black band near the base, much longer than the third; fifth reddish, paler towards the base, a little shorter than the fourth. Thorax slightly reflexed on each side; hind angles obtuse, rather prominent. Scutellum extending rather beyond the angle of the corium, rounded at the tip, with seven black spots near the base and a larger one in the disk. Abdomen beneath with a very slight furrow. Legs stout; femora and tibiæ speckled with black; tibiæ furrowed. Fore wings with three black patches, one antemedial, the other two postmedial; membrane brownish. Length of the body 5½ lines.

a. Amazon Region. From Mr. Bates' collection.

53. Pentatoma aspersa.

Nigra, lata, nitens, aspere punctata, luteo conspersa, subtus lutea; antennæ corporis dimidio non longiores; thoracis anguli postici obtusi; pectus et venter punctis lateralibus nigris; pedes testacei, tibiis sulcatis nigro vittatis; membrana lurido-cinerea.

Black, broad, oval, shining, roughly punctured, thickly covered with numerous small smooth irregular luteous marks; under side luteous. Head broad; lobes of equal length. Rostrum testaceous, extending to the hind coxæ; tip black. Antennæ black, about half the length of the body; joints successively increasing in length; first not extending to the front of the head. Thorax with the hind angles obtuse, hardly prominent. Scutellum extending somewhat beyond the angle of the corium. Pectus and under side of abdomen with a row of black points on each side; spiracles black. Legs testaceous; femora with a slight black streak; tibiæ furrowed, striped with black. Membrane of the fore wings lurid-cinereous. Length of the body 6½ lines.

a. Venezuela. From Mr. Birschell's collection.

Africa.

54. Pentatoma trisignata, *C. H.* 233.

Pentatoma trigemmis, *Stal, Ofv. K. Vet. Ak. Forh.* 1853, 219—Pentatoma (Carbula) trisignata, *Stal, Hem. Afr.* i. 142.

a. Congo. Presented by Sir J. Richardson.
b, c. Cape. From M. Drégé's collection.
d, e. South Africa. Presented by the late Earl of Derby.
f. South Africa. Presented by Sir A. Smith.
g. Natal. From Dr. Krauss' collection.

55. Pentatoma goniodes, *C. H.* 233.

Pentatoma inops, *Stal, Ofv. K. Vet. Ak. Forh.* 1853, 220—Pentatoma patruelis, *Stal, Ofv. K. Vet. Ak. Forh.* 1853, 220—Pentatoma (Cappæa) goniodes, *Stal, Hem. Afr.* i. 167.

a, b. South Africa. Presented by Sir A. Smith.
c. Natal. From M. Gueinzius' collection.

56. Pentatoma aberrans, *C. H.* 234.

Pentatoma (Veterna) aberrans, *Stal*, *Hem. Afr.* i. 155.

a. Cape. From M. Drégé's collection.

57. Pentatoma ornatula.

Cimex ornatulus, *H.-Sch. Wanz. Ins.* vi. 93, pl. 211, f. 664—Cimex notatus, *Klug*, *Symb. Phys.* v. pl. 44, f. 9—Pentatoma humerosa, *C. H.* 240—Pentatoma (Veterna) ornatula, *Stal*, *Hem. Afr.* i. 158.

Egypt.

a. ——?

58. Pentatoma maculata, *C. H.* 241.

Antestia maculata, *Stal*, *Hem. Afr.* i. 200.

a. South Africa. Presented by Sir A. Smith.
b. South Africa. From Mr. Pearson's collection.

59. Pentatoma rufiventris, *C. H.* 242.

Pentatoma (Caura) rufiventris, *Stal*, *Hem. Afr.* i. 169.

a—c. South Africa. Presented by Sir A. Smith.
d. South Africa. Presented by G. F. Angas, Esq.
e. Cape. From M. Drégé's collection.
f—i. Natal. From M. Gueinzius' collection.
j, *k.* Natal. From Dr. Krauss' collection.
l. Natal. Presented by W. W. Saunders, Esq.

60. Pentatoma pugillator, *C. H.* 242.

Halys jaculus, *Fabr. Syst. Rhyn.* 181—Pentatoma maculata, *Sign. Rev. et Mag. Zool.* 1851, 443—Pentatoma (Caura) pugillator, *Stal*, *Hem. Afr.* i. 168.

Gabon.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

61. Pentatoma Scoruba, *C. H.* 243.

a. Congo. Presented by Sir J. Richardson.

62. Pentatoma scapularis.

Cimex scapularis, *Thunb. Hem. Rostr.* ii. 1—Pentatoma mœrens, *Stal*, *Ofv. K. Vet. Ak. Forh.* 1853, 219—Pentatoma plinthaera, *C. H.* 244 Pentatoma (Cappæa) scapularis, *Stal*, *Hem. Afr.* i. 166.

a. Cape. From M. Drégé's collection.
b. Cape. Presented by R. Trimen, Esq.

63. Pentatoma corticina, *C. H.* 245.

Pentatoma (Cappæa) corticina, *Stal*, *Hem. Afr.* i. 160.

a. Cape. From M. Drégé's collection.

64. Pentatoma apicalis, *C. H.* 250.

Pentatoma inquinata, *Stal, Ofv. K. Vet. Ak. Forh.* 1853, 218—Pentatoma bipunctipes, *Sign. Arch. Ent.* ii. 282—Pentatoma (Cappæa) apicalis, *Stal, Hem. Afr.* i. 165.

a, b. South Africa. From Sir A. Smith's collection.

65. Pentatoma variegata, *C. H.* 253.

Cimex olivaceus, *Thun. Hem. Rostr.* i. 2—Antestia variegata, *Stal, Hem. Afr.* i. 202—Pentatoma lineaticollis, *Stal, Ofv. K. Vet. Ak. Forh.* 1853, 220.

a, b. South Africa. Presented by the late Earl of Derby.
c. Cape. Presented by the Entomological Club.
d. Cape. From M. Drégé's collection.

66. Pentatoma pavida.

Pentatoma (Cappæa) pavida, *Stal, Hem. Afr.* i. 163.

a. Natal. From M. Gueinzius' collection.

67. Pentatoma tarsata.

Cimex tarsatus, *Klug et Ehrenb. Sym. Phys.* pl. 44, f. 12.

Egypt.

68. Pentatoma rugiventris.

Cimex rugiventris, *Germ. Silb. Rev. Ent.* v. 166.

Cape.

69. Pentatoma atomaria.

Cimex atomarius, *Germ. Silb. Rev. Ent.* v. 170.

Cape.

70. Pentatoma nervosa.

Cimex nervosus, *Germ. Silb. Rev. Ent.* v. 169—Hypaulacus nervosus, *Spin.*

Cape.

71. Pentatoma conspersa.

Cimex conspersus, *Germ. Silb. Rev. Ent.* v. 173.

Cape.

72. Pentatoma costata.

Cimex costatus, *Thun. Nov. Ins. Sp.* ii. 50, pl. 2, f. 63—Cimex bilineatus, *Thun. Hem. Rostr.* ii. 2—Cimex civilis, *Germ. Silb. Rev. Ent.* v. 179—Pentatoma (Theloris) costata, *Stal, Hem. Afr.* i. 172.

Cape.

73. Pentatoma subrufa.

subrufa, *Stal, Ofv. K. Vet. Ak. Forh.* 1853, 219—Pentatoma (Veterna) subrufa, *Stal, Hem. Afr.* i. 155.

Natal.

74. Pentatoma natalensis.

natalensis, *Stal*, *Ofv. K. Vet. Ak. Forh.* 1853, 219—Pentatoma (Veterna) natalensis, *Stal*, *Hem. Afr.* i. 156.

Natal.

75. Pentatoma nigropunctata.

nigropunctata, *Sign. Arch. Ent.* ii. 285—Pentatoma (Veterna) nigropunctata, *Stal*, *Hem. Afr.* i. 157.

Gabon.

76. Pentatoma unicolor.

Pentatoma unicolor, *Stal*, *Hem. Afr.* i. 158.

Guinea.

77. Pentatoma vittaticeps.

vittaticeps, *Stal*, *Ofv. K. Vet. Ak. Forh.* 1858, 314—Pentatoma (Veterna) vittaticeps, *Stal*, *Hem. Afr.* i. 159.

Cape.

78. Pentatoma cænosula.

cænosula, *Stal*, *Ofv. K. Vet. Ak. Forh.* 1853, 218.

Pentatoma (Hipla) cænosula, *Stal*, *Hem. Afr.* i. 152.

Natal.

79. Pentatoma bipartita.

bipartita, *Sign*, *Rev. et Mag. Zool.* 1851, 444.

Pentatoma (Caura) bipartita, *Stal*, *Hem. Afr.* i. 169.

Gabon.

80. Pentatoma cervina.

Cimex cervinus, *Germ. Silb. Rev. Ent.* v. 178—Pentatoma cervinum. *H.-Sch. Wanz. Ins.* vii. 99, pl. 245, f. 764—Pentatoma (Cappæa) cervina, *Stal*, *Hem. Afr.* i. 161.

a. Cape. Presented by R. Trimen, Esq.

81. Pentatoma tæniata.

Pentatoma (Cappæa) tæniata, *Stal*, *Hem. Afr.* i. 162.

Natal.

82. Pentatoma victorini.

victorini, *Stal*, *Ofv. K. Vet. Ak. Forh.* 1856, 194—Pentatoma (Cappæa) victorini, *Stal*, *Hem. Afr.* i. 163.

Cape.

83. Pentatoma annulicornis.

annulicornis, *Sign. Arch. Ent.* ii. 284—Pentatoma (Cappæa) annulicornis, *Stal*, *Hem. Afr.* i. 164.

Old Calabar. Gabon. Senegal. Sierra Leone.

84. Pentatoma reflexa.

reflexa, *Sign, Arch. Ent.* ii. 284—Pentatoma (Cappæa) reflexa, *Stal, Hem. Afr.* i. 164.

Old Calabar.

85. Pentatoma blanda.

blanda, *Stal, Ofv. K. Vet. Ak. Forh.* 1853, 218—Pentatoma (Carbula) blanda, *Stal, Hem. Afr.* i. 142.

Natal.

86. Pentatoma Limpoponis.

Limpoponis, *Stal, Ofv. K. Vet. Ak Forh*, 1853, 219—Pentatoma (Carbula) Limpoponis, *Stal, Hem. Afr.* i. 143.

Natal.

87. Pentatoma marginella.

Cimex marginellus, *Thun. Hem. Rostr.* ii. 4—Pentatoma (Carbula) marginella, *Stal, Hem. Afr.* i. 144.

Cape.

88. Pentatoma lutulenta.

lutulenta, *Stal, Ofv. K. Vet. Ak. Forh.* 1853, 220—Pentatoma (Durmia) lutulenta, *Stal, Hem. Afr.* i. 151.

Cape. Natal.

89. Pentatoma Sparmanii.

Antestia Sparmani, *Stal, Hem. Afr.* i. 205.

Cape.

90. Pentatoma inermiventris.

Antestia inermiventris, *Stal, Hem. Afr.* l. 205.

South Africa.

91. Pentatoma marginata.

marginata, *Sign, Arch. Ent.* ii. 283—Antestia marginata, *Stal, Hem. Afr.* i. 203.

Old Calabar.

92. Pentatoma mentiens.

Prasina, longi-ovata, scite punctata; antennæ corporis dimidio non longiores, articulis 4o 5oque rufescentibus; pectus et venter disco testaceo; pedes validi, femoribus basi coxisque testaceis; membrana pellucida.

Grass-green, elongate-oval, minutely punctured, paler beneath. Rostrum extending to the hind coxæ; tip black. Antennæ hardly half the length of the body; joints successively increasing in length; first not extending to the front of the head; fourth and fifth reddish. Hind angles of the thorax not prominent. Scutellum extending to the flexure of the corium. Disk of the pectus and of the under side of the abdomen pale

testaceous. Legs rather stout; femora towards the base and coxæ pale testaceous. Hind wings and membrane of the fore wings pellucid, with colourless veins. Length of the body 6 lines.

It resembles the typical form of *Rhaphigaster*, but there is no trace of a ventral spine.

a. Gambia. Presented by W. W. Saunders, Esq.

93. Pentatoma placida.

Viridescente testacea, subovata, fuscescente punctata, subtus pallide testacea; caput longiusculum, lateribus nigris subreflexis; antennæ apices versus rufescentes, corporis dimidio non longiores, articulo 5o 4o perpaullo breviore; thorax angulis posticis subacutis sat explanatis; scutellum apicem versus attenuatum; abdomen dorso læte rufo, apice subemarginato; membrana pellucida.

Greenish testaceous, nearly oval, finely punctured, pale testaceous beneath; punctures brownish. Head elongate; sides blackish, slightly reflexed; lobes of equal length. Rostrum extending a little beyond the hind coxæ; tip black. Antennæ slender, reddish towards the tips, not more than half the length of the body; joints from the first to the fourth successively increasing in length; first not extending to the front of the head; fifth very little shorter than the fourth. Thorax with the hind angles prominent and slightly acute. Scutellum attenuated towards the tip, not extending beyond the angle of the corium. Abdomen above bright red, slightly emarginated at the tip. Legs slender. Hind wings and membrane of the fore wings pellucid; veins colourless. Length of the body 5 lines.

a. Cape. Presented by R. Trimen, Esq.

94. Pentatoma heterocera.

Lutea nigricante punctata, subtus pallide flavescens; antennæ nigræ, corporis dimidio non longiores, articulis 4o 5oque rufescentibus; thorax antice declivis, angulis posticis obtusis non explanatis; scutellum apice glabrum pallide flavum; ventris segmentum 5um nigro unimaculatum; pedes validi, femoribus apices versus nigro conspersis; alæ anticæ flavo conspersæ, membrana cinerea fuscescente venosa.

Luteous, oval, shining, roughly punctured, pale yellowish beneath; punctures mostly blackish. Head much shorter than the thorax; lobes of equal length. Rostrum extending to the hind coxæ; tip black. Antennæ black, about half the length of the body; joints successively increasing in length; first joint not extending to the front of the head; fourth and fifth reddish. Thorax with a very slight transverse ridge between the hind angles, which are obtuse and not prominent. Scutellum extending somewhat beyond the flexure of the corium, smooth and pale yellow at the tip. Abdomen beneath thinly black-punctured; an elongated black spot on the fifth segment. Legs stout; femora with a few black speckles towards the tips. Fore wings with a few pale yellow points on the corium; membrane cinereous, with brownish veins. Length of the body 4 lines.

a. Natal. From M. Gueinzius' collection.

95. Pentatoma confinis.

Lutescens, fuscescente punctata; rostrum ventris segmentum 5um attingens; antennæ subviridescentes; thorax lituris duabus anticis glabris, angulis posticis obtusissimis non explanatis; scutellum apice læte luteum; ventris segmentum 5um nigro unimaculatum; pedes validi, femoribus apices versus nigro biguttatis; membrana cinerea.

Dull luteous, nearly elliptical, somewhat roughly punctured; punctures brownish. Head conical; lobes of equal length. Rostrum extending to the fore border of the third abdominal segment; tip black. Antennæ with a greenish tinge, full half the length of the body; joints successively increasing in length; first not extending to the front of the head. Thorax with a transverse irregular petiolated smooth ringlet on each side near the fore border; hind angles very obtuse, not prominent. Scutellum brighter luteous at the tip, extending very little beyond the angle of the corium. Abdomen beneath with an elongated black spot on the fifth segment. Legs stout; femora with two black dots near the tips. Membrane of the fore wings cinereous. Length of the body 3½ lines.

a. Cape. Presented by W. W. Saunders, Esq.

Madagascar. Mauritius.

96. Pentatoma fimbriata, *C. H.* 256.

viridicollis, *C. H.* 256—Plautia fimbriata, *Stal, Hem. Afr.* i. 191.

Madagascar. Ceylon.

a. Silhet. Presented by J. C. Bowring, Esq.
b. Shanghai. From Mr. Fortune's collection.
c. Amoy. From Mr. Stevens' collection.
d. Siam. Presented by W. W. Saunders, Esq.
e. Java. From the East India Company's collection.
f, g. Java. Presented by J. C. Bowring, Esq.
h, i. Mysol. From Mr. Wallace's collection.
j. Mysol. Presented by W. W. Saunders, Esq.
k. Wagiou. Presented by W. W. Saunders, Esq.
l—n. Hong Kong. Presented by J. C. Bowring, Esq.
o, p. Malacca. Presented by W. W. Saunders, Esq.
q. New Guinea. Presented by W. W. Saunders, Esq.
r. Kaisaa. Presented by W. W. Saunders, Esq.
s. Java. From Mr. Argent's collection.
t. Java.

97. Pentatoma subflava.

subflava, *Sign. A. S. E. F. 3me Ser.* viii. 931.

Madagascar.

98. Pentatoma confusa.

confusa, *Sign. A. S. E. F. 3me Ser.* viii. 932—Antestia confusa, *Stal, Hem. Afr.* i. 201.

Madagascar.

99. Pentatoma viridissima.

viridissima, *Sign. A. S. E. F.* 3*me Ser.* viii. 931.

Madagascar.

100. Pentatoma Mauritii.

Mauritii, *Stal*, *Eng. Resa.* 227—Antestia Mauritii, *Stal*, *Hem. Afr.* i. 204.

Mauritius.

Arabia.

101. Pentatoma maculicollis, *C. H.* 234.

arabica, *Stal*, *Ofv. K. Vet. Ak. Forh.* 1853, 233.

Arabia.

a. N. Hindostan. From Capt. Boys' collection.
b c. Hindostan. Presented by W. W. Saunders, Esq.

W. Asia.

102. Pentatoma linea.

Cimex linea, *Klug*, *Sym. Phys.* pl. 44, f. 8.

Syria.

103. Pentatoma ornatula.

Cimex ornatulus, *Klug*, *Sym. Phys.* pl. 44, f. 9.

Syria. Ambukohl.

Hindostan. China.

104. Pentatoma pallida, *C. H.* 234.

a. N. Hindostan. From Capt. Boys' collection.

105. Pentatoma latipes, *C. H.* 238.

a. Tenasserim. Presented by ——— Packman, Esq.
b. ———? Presented by Gen. Hardwicke.

106. Pentatoma timorensis, *C. H.* 242.

Halyomorpha timorensis, *Mayr*, *Verh. Zool. Bot. Ges. Wien.* xiv. 911.

a. Ceylon. Presented by Dr. Hooker.
b. Ceylon. From Mr. Thwaites' collection.
c. Ceylon. Presented by Dr. Templeton.

107. Pentatoma taprobanensis, *C. H.* 244.

Cappæa multilinea, *Ellenr. Nat. Tijd. Nederl. Ind.* xxiv. 147.

a. Ceylon. Presented by Dr. Hooker.

Java.

108. Pentatoma elongata, *C. H.* 246.

a. N. Hindostan. From Capt. Boys' collection.

109. Pentatoma crossota, *C. H.* 252.

Plautia crossota, *Stal.*

a. N. Bengal. From Lieut. Campbell's collection.
b. Philippine Isles. From Mr. Cuming's collection.
c—e. Hong Kong. Presented by J. C. Bowring, Esq.
f. N. China. From Mr. Fortune's collection.
g. Hindostan. Presented by W. W. Saunders, Esq.
h. Cambodia. Presented by W. W. Saunders, Esq.

110. Pentatoma pulchra, *C. H.* 253.

a. Hindostan. From Archdeacon Clerk's collection.
b. Birmah. From Mrs. Waring's collection.

111. Pentatoma anchora, *C. H.* 254.

a. Tenasserim. Presented by — Packman, Esq.
b. Hong Kong. Presented by J. C. Bowring, Esq.

112. Pentatoma cruciata, *C. H.* 254.

Ceylon.

a. Hindostan. From Mr. Children's collection.
b. Tenasserim. Presented by — Packman, Esq.
c. N. Bengal. From Lieut. Campbell's collection.
d. N. Hindostan. From Capt. Boys' collection.
e. Java. From the East India Company's collection.
f, g. Philippine Isles. From Mr. Cuming's collection.
h. Java. Presented by J. C. Bowring, Esq.
i, j. Sumatra. From Sir Stamford Raffles' collection.
k, l. ——— ?

113. Pentatoma basalis, *C. H.* 237.

a, b. China. Presented by G. T. Lay, Esq.
c. Celebes. From Mr. Wallace's collection.

114. Pentatoma gutta, *C. H.* 239.

a. China. Presented by G. T. Lay, Esq.

115. Pentatoma Halys.

Halys, *Stal*, *Ofv. K. Vet. Ak. Forh.* 1856, 59.

China.

116. Pentatoma trivialis.

trivialis, *Dohrn*, *Stett. Ent. Zeit.* xxi. 400.

Ceylon.

117. Pentatoma lemur.

lemur, *Dohrn*, *Stett. Ent. Zeit.* xxi. 401.

Ceylon.

118. Pentatoma lateralis.

Fulva, scite et conferte fusco punctata, subtus pallide flavescens; antennæ testaceæ, corporis dimidio breviores, articulo 2o apice nigricante, 3o 4o 5oque pallide flavescentibus apices versus nigris; thorax lateribus pallide flavescentibus, angulis posticis subacutis; scutellum lineola apicali transversa bis clavata pallide flava; abdomen ochraceum, subtus nigro univittatum; pedes pallide flavescentes, nigro conspersi, tibiis sulcatis; alæ anticæ viridescente testaceæ, apud costam rufescentes.

Tawny, oval, thickly and minutely punctured, pale yellowish beneath; punctures brown. Head large; lobes of equal length. Rostrum extending to the hind coxæ; tip black. Antennæ testaceous, a little less than half the length of the body; first joint not extending to the front of the head; second blackish at the tip, much longer than the third; third, fourth, and fifth pale yellowish, black towards the tips; fourth much longer than the third; fifth longer than the fourth. Thorax with pale yellowish slightly reflexed sides; hind angles slightly acute and prominent. Scutellum attenuated towards the tip, not extending beyond the angle of the corium; tip bordered by a pale yellowish line which is dilated at each end. Pectus and under side of the abdomen thinly black speckled. Abdomen ochraceous above; under side with an irregular black stripe, which does not extend to the tip. Legs slender, pale yellowish; femora and tibiæ black speckled; tibiæ furrowed. Fore wings greenish testaceous, reddish testaceous along the costa; membrane pale cinereous, with nine pale longitudinal veins, of which the fifth is forked near its tip and united with the sixth near the base. Hind wings pellucid. Length of the body 5½ lines.

It resembles *P. timorensis* in structure; the eyes and the angles of the thorax are less prominent.

a. Siam. Presented by W. W. Saunders, Esq.

119. Pentatoma inconcisa.

Fulva, longi-ovata, aspere nigro punctata, subtus testacea; caput longiusculum, lobo medio subglabro; antennæ nigræ, corporis dimidio breviores, articulo 1o testaceo; thorax tuberculis duobus lineaque transversa indistinctis, angulis posticis obtusissimis non explanatis; scutellum nigro quinque plagiatum, apicem versus attenuatum luteum glabrum; pedes testacei, validi, dense setulosi; alæ anticæ luteo subconspersæ, membrana lurida.

Tawny, elongate-oval, roughly punctured, testaceous beneath; punctures black. Head elongate; lobes of equal length; middle lobe very thinly punctured, forming a very slight keel. Rostrum extending to the hind coxæ; tip black. Antennæ black, less than half the length of the body; joints from the third to the fifth successively increasing in length; first testaceous, not extending to the front of the head; second longer than the third. Thorax with a hardly elevated transverse line near the fore border; an indistinct tubercle on each side in front of the line; hind angles very obtuse, not prominent. Scutellum extending beyond the bend of the corium, attenuated towards its tip, which is smooth and luteous; most of the punctures clustered in five patches, of which one is on each

side of the base, one in the disk, and one on each side beyond the middle. Abdomen not emarginated at the tip; connexivum with a black dot at the base of each segment. Legs stout, testaceous, thickly setulose; tarsi with black tips. Fore wings with a few minute smooth luteous marks; membrane lurid, with six longitudinal veins, of which the first and the second are united near the base. Length of the body 5 lines.

a. Hindostan. Presented by J. C. Bowring, Esq.

120. Pentatoma trispila.

Ferruginea, nitens, flavo subconspersa, testaceo univittata, subtus pallide testacea; caput testaceo trivittatum; antennæ testaceæ, gracillimæ, corporis dimidio longiores, articulo 3o apice ferrugineo, 4o 5oque nigris basi pallide flavis; thorax lituris duabus anticis luteis, lateribus pallide testaceis, angulis posticis obtusis; scutellum maculis tribus magnis pallide flavis; pectus nigro sexpunctatum; pedes nigro conspersi; membrana lurida.

Ferruginous, oval, shining, thinly speckled with pale yellow, rather roughly punctured, pale testaceous beneath. Head conical, with two short testaceous stripes between the eyes; lobes of equal length; middle lobe testaceous. Rostrum extending to the hind coxæ; tip black. Antennæ testaceous, very slender, more than half the length of the body; joints successively increasing in length; first not extending to the front of the head; third ferruginous at the tip; fourth black, pale yellow for one-fourth of the length from the base; fifth black, pale yellow for more than one-third of the length from the base. Thorax with a transverse smooth luteous mark on each side near the fore border; sides pale testaceous; hind angles obtuse, not prominent. Scutellum extending a little beyond the angle of the corium; a large pale yellow spot on each side at the base, and another at the tip. Pectus with three black points on each side. Abdomen above black, with testaceous spots along each side. Legs pale testaceous, minutely speckled with black; tips of the tibiæ and of the joints of the tarsi brown. Membrane of the fore wings lurid. Length of the body 5 lines.

Very nearly allied to *P. basalis.*

a. Siam. Presented by W. W. Saunders, Esq.

121. Pentatoma contingens.

Æneo-fusca, aspere punctata, plus minusve testaceo conspersa; caput longiusculum, lateribus vix reflexis; antennæ testaceæ, graciles, corporis dimidio longiores, articulo 4o nigro basi testaceo, 5o rufo apice nigro; thorax linea transversa antica glabra interrupta, lateribus pallide testaceis; scutellum guttis duabus basalibus maculaque magna apicali pallide flavis; pectus nigro sex punctatum; pedes testacei, nigro conspersi; membrana lurida.

Æneous-brown, elliptical, roughly punctured, with testaceous speckles, which occasionally are hardly apparent; under side testaceous. Head elongate; sides hardly reflexed; lobes of equal length. Rostrum testaceous, extending to the hind coxæ; tip black. Antennæ testaceous, slender, a little more than half the length of the body; joints successively increasing in length; fourth black, testaceous at the base; fifth red, black towards the

tip. Thorax with a transverse smooth interrupted line near the fore border; sides pale testaceous in front, hardly reflexed. Scutellum not extending beyond the angle of the corium; a smooth pale yellow dot on each side at the base, and a large smooth pale yellow apical spot. Pectus with three black points on each side. Legs testaceous; femora and tibiæ speckled with black. Membrane of the fore wings lurid. Length of the body 5 lines.

Perhaps a variety of *P. trispila.*

a, *b*. Hong Kong. Presented by J. C. Bowring, Esq.

122. Pentatoma vicaria.

Prasina, longi-ovata, dense punctata, subrufescente varia, subtus pallide flavescente viridis; caput flavum, postice viride; antennæ viridescentes, corporis dimidio breviores; thorax antice flavus, angulis posticis obtusis; scutellum attenuatum, punctis tribus basalibus flavis; venter subcarinatus; pedes graciles, membrana pellucida.

Grass-green, elongate-oval, thickly and minutely punctured, indistinctly tinged here and there with red, pale yellowish green beneath. Head yellow, elongate; hind part green; lobes of equal length. Rostrum extending to the hind coxæ; tip black. Antennæ greenish, less than half the length of the body; joints successively increasing in length; first not extending to the front of the head. Thorax with a broad yellow band along the fore border, the hind border of this band dentate; hind angles obtuse, not prominent. Scutellum extending a little beyond the angle of the corium, attenuated towards the tip, with three yellow points at the base. Abdomen beneath slightly keeled. Legs slender. Membrane of the fore wings pellucid. Length of the body 6½ lines.

It resembles the typical form of *Rhaphigaster* in structure, but has no ventral spine.

a. Hindostan. From the Entomological Society's collection.

Australasia.

123. Pentatoma trinotata, *C. H.* 238.

a, *b*. Java. From the East India Company's collection.
c, *d*. Java. Presented by J. C. Bowring, Esq.
e. Celebes. Presented by W. W. Saunders, Esq.

124. Pentatoma longirostris, *C. H.* 238.

a, *b*. Philippine Isles. From Mr. Cuming's collection.

125. Pentatoma cephalus, *C. H.* 245.

a. Java. From the East India Company's collection.

126. Pentatoma chlorina.

chlorina, *Stal*, *Ofv. K. Vet. Ak. Forh.* 1858, 436.
Sumatra.

127. Pentatoma punctum.

punctum, *Mtrz. A. S. E. F. 4me Ser.* i. 63.
Lifu. Woodlark.

128. Pentatoma Boitardi.

Boitardi, *Mtrz. A. S. E. F. 4me Ser.* i. 64.
Balade, New Caledonia.

129. Pentatoma brunnipennis.

brunnipennis, *Mtrz. A. S. E. F. 4me Ser.* i. 63.
Lifu.

130. Pentatoma basiventris.

basiventris, *Mtrz. A. S. E. F. 4me Ser.* i. 63.
Balade.

131. Pentatoma Perroudi.

Perroudi, *Mtrz. A. S. E. F. 4me Ser.* i. 64.
Art.

132. Pentatoma degenera.

Lutea, ovata, nitens, nigro sat aspere punctata ; caput vittis quatuor nigris indeterminatis, lobo medio glabro ; oculi subextensi, sat magni ; thorax flavo marginatus, spatio antico subglabro, fascia postica flava indeterminata, angulis posticis subacutis vix explanatis ; scutellum vittis duabus abbreviatis indeterminatis apiceque flavis ; abdomen apice truncatum ; pedes sat validi ; alæ anticæ rufescentes, spatio costali plagisque duabus magnis flavescentibus.

Luteous, oval, shining, rather roughly punctured; punctures black. Head conical; punctures mostly forming four incomplete stripes; lobes of equal length; middle lobe smooth. Eyes rather large and prominent. Thorax with a slender yellow border; a transverse nearly smooth space near the fore border; an irregular yellow band between the hind angles, which are slightly acute and prominent. Scutellum not exceeding beyond the angle of the corium, yellow and smooth at the tip, and with an abbreviated very irregular yellow stripe on each side. Abdomen somewhat truncated at the tip; connexivum with a row of black dots on the under side. Legs rather stout. Fore wings reddish, yellowish along the costa; two large irregular mostly smooth yellowish spaces, one antemedial, the other postmedial; membrane pellucid. Length of the body $3\frac{1}{2}$ lines.

It belongs to the group of *P. trinotata.*

a. Sarawak, Borneo. Presented by W. W. Saunders, Esq.

133. Pentatoma inobtrusa.

Fulva, ovata, sat aspere fusco punctata, subtus testacea; caput longiusculum, subtus flavum; rostrum coxas posticas perpaullo superans; antennæ graciles, pallide testaceæ, corporis dimidio paullo longiores, articulo 4o fusco basi testaceo, 5o dimidio apicali fusco; thorax spatiis duabus anticis glabris, lateribus vix reflexis, angulis posticis obtusis; scutellum apice pallide flavum, pectus nigro sexguttatum; abdomen apice emarginatum; membrana cinerea.

Tawny, oval, rather roughly and irregularly punctured, testaceous beneath; punctures brown. Head elongate, yellow beneath; lobes of equal length, middle lobe paler. Eyes not prominent. Rostrum extending very little beyond the hind coxæ; tip black. Antennæ pale testaceous, slender, a little more than half the length of the body; joints successively increasing in length; first joint extending nearly to the front of the head; fourth brown, except near the base; fifth brown for half the length from the tip. Thorax with a smooth space on each side near the fore border; sides smooth, very slightly reflexed; hind angles obtuse, hardly prominent. Scutellum pale yellow towards the tip, extending a little beyond the angle of the corium. Prosternum, mesosternum and metasternum with a black dot on each side. Abdomen emarginate at the tip; connexivum with black spots along each side. Legs moderately stout; femora towards the base and coxæ paler. Membrane of the fore wings cinereous. Length of the body 4 lines.

Like *P. trinotata* in structure.

a. Flores. Presented by W. W. Saunders, Esq.

134. Pentatoma discolor.

Pallide viridis, ovata, lata, nitens, parce punctata, subtus pallide testacea; caput parvum, pallide testaceum; thorax antice declivis pallide testaceus, angulis posticis obtusis; scutellum apice latiusculum, maculis duabus lateralibus elongatis pallide testaceis; pedes breviusculi, tibiis tarsisque pallide testaceis; membrana pellucida.

Pale green, oval, broad, shining, very thinly punctured, mostly pale testaceous beneath. Head and fore part of the thorax pale testaceous. Head small; lobes of equal length. Rostrum extending to the hind coxæ; tip black. Antennæ not more than half the length of the body; joints successively increasing in length; first not extending to the front of the head. Thorax slightly shelving in front; hind angles obtuse, not prominent. Scutellum rather broad at the tip, extending a little beyond the flexure of the corium; an elongated pale testaceous spot on each side. Legs rather short; tibiæ and tarsi pale testaceous. Hind wings and membrane of the fore wings pellucid. Length of the body 4 lines.

Like *P. fimbriata* in structure; scutellum rather broader at the tip.

a. Sarawak, Borneo. Presented by W. W. Saunders, Esq.

135. Pentatoma prolata.

Lutea, ovata, lata, nitens, subpunctata; caput haud punctatum; antennæ fulvæ, graciles, corporis dimidio paullo longiores, articulo 1o pallide viridi; thorax fascia postica lata viridi, angulis posticis obtusissimis; scutellum apicem viride; pectus viridescens; pedes virides, validi, tarsis luteis; alæ anticæ viridescentes, macula discali oblonga nigra, costa basi lutea, membrana nigricante.

Luteous, oval, broad, shining, very thinly punctured; punctures mostly black. Head broad, almost smooth; lobes of equal length. Rostrum extending to the hind coxæ; tip black. Antennæ tawny, slender, a little more than half the length of the body; joints successively increasing in length; first joint pale green, not extending to the front of the head. Thorax with a very slight green tinge on each side in front; a broad green band on the hind border; a black spot at each end of the band; hind angles very obtuse, not prominent. Scutellum green towards the tip, which is broad and extends a little beyond the flexure of the corium. Pectus pale green. Abdomen beneath with a row of transverse blackish spots on each side. Legs green, stout; tarsi luteous. Fore wings pale green; costa luteous at the base; an elongated black spot on the disk; membrane blackish. Length of the body 4 lines.

It resembles *P. fimbriata* in structure.

a. Aru. Presented by W. W. Saunders, Esq.

136. Pentatoma marginalis.

Fulva, elliptica, aspere nigro punctata, subtus nigro-ænea; caput breve; oculi sat magni; rostrum testaceum, segmenti ventralis marginem posticum fere attingens; antennæ fulvæ, graciles, corporis dimidio paullo longiores; thorax antice declivis, linea transversa pallidiore, angulis posticis obtusis; scutellum subattenuatum, lituris duabus basalibus impressis nigricantibus; pectoris latera testaceo varia; venter testaceo marginatus; pedes nigro conspersi, longiusculi, sat graciles.

Tawny, elliptical, slightly shining, roughly and irregularly punctured; punctures black; under side æneous-black, shining. Head short; lobes of equal length. Eyes rather large and prominent. Rostrum testaceous, extending nearly to the hind border of the second ventral segment; tip black. Antennæ tawny, slender, a little more than half the length of the body; joints successively increasing in length; first joint extending almost to the front of the head. Thorax slanting in front of a slight paler transverse ridge between the hind angles, which are obtuse and not prominent. Scutellum slightly attenuated, extending a little beyond the angle of the corium, with a black impression on each angle at the base. Pectus partly testaceous on each side. Abdomen beneath bordered with testaceous on each side and at the tip. Legs testaceous, rather long and slender; femora and tibiæ black speckled. Membrane of the fore wings cinereous, veins tawny. Length of the body 5 lines.

It has some affinity to the genus *Mormidea*.

a. New Guinea. Presented by W. W. Saunders, Esq.

137. Pentatoma circumdata.

Testacea, longi-ovata, aspere nigro punctata, subtus lutea; caput apice latum, subtus nigrum lateribus subincisis; antennæ corporis dimidio longiores; thorax vix rugulosus, angulis posticis obtusis non explanatis; scutellum apicem versus attenuatum, foveolis duabus basalibus nigris; pectus ex maxima parte nigrum; venter-gutta postmedia annuloque maximo nigris; pedes nigro conspersi; membrana lurida.

Dull testaceous, elongate-oval, roughly punctured, luteous beneath; punctures black, irregularly clustered. Head broad in front, slightly excavated on each side in front of the eye; lobes of equal length; under side black. Rostrum testaceous, extending to the hind coxæ; tip black. Antennæ testaceous, more than half the length of the body; joints from the first to the fourth successively increasing in length; first not extending to the front of the head; fifth a little shorter than the fourth. Thorax very slightly rugulose, hardly excavated on each side; hind angles obtuse, not prominent. Scutellum extending somewhat beyond the bend of the corium, attenuated towards the tip; a small longitudinal black excavation on each side at the base. Pectus mostly black. Abdomen beneath, black at the base, with two black stripes, which are united near the tip, and with a black dot on the fore border of the fourth segment. Legs testaceous; femora and tibiæ speckled with black. Fore wings mostly brown, punctured; membrane lurid, with several longitudinal veins, some of which are forked. Hind wings pellucid. Length of the body 5 lines.

a. New Caledonia. From Mr. Macgillivray's collection.
b. ——— ? Presented by Sir J. Liddell.

138. Pentatoma subpunctata.

Fulva, longi-ovata, subtiliter et parce punctata, subtus testacea; caput latum; rostrum segmenti ventralis 3i marginem posticum attingens; antennæ graciles; thorax sulco transverso indeterminato, angulis posticis obtusis; scutellum subattenuatum; pedes sat graciles; membrana pellucida.

Tawny, elongate-oval, minutely punctured, testaceous beneath. Head broad; lobes of equal length. Rostrum extending to the fore part of the third ventral segment; tip black. Antennæ slender; first joint not extending to the front of the head. Thorax very thinly punctured, except in the middle part of a slight transverse furrow near the fore border; hind angles obtuse, not prominent. Scutellum thinly punctured, slightly attenuated towards the tip, which is paler, not extending beyond the angle of the corium. Legs rather slender. Membrane of the fore wings pellucid. Length of the body 7 lines.

It agrees with *P. longirostris* in the length of the rostrum, but differs widely from it in the shape of the head, in the transverse furrow of the thorax, and in the markings.

a. Tondano. Presented by W. W. Saunders, Esq.

Australia.

139. Pentatoma Camatula, *C. H.* 237.

a. Swan River. Presented by Sir J. Richardson.

140. Pentatoma pallipes, *C. H.* 239.

a. Australia. From Mr. Lambert's collection.

141. Pentatoma marginella, *C. H.* 245.

a. Australia.

142. Pentatoma æola, *C. H.* 248.

a. Australia. Presented by Sir J. Richardson.

143. Pentatoma virgata, *C. H.* 249.

a. Australia. Presented by Sir J. Richardson.

144. Pentatoma affinis, *C. H.* 252.

Plautia affinis, *Stal.*

a, *b.* Australia. Presented by John M'Gillivray, Esq.

145. Pentatoma notia, *C. H.* 252.

a. Australia. Presented by Sir J. Richardson.

146. Pentatoma laticeps.

Fulva, elliptica, lata, subtiliter punctata; caput latum, subdepressum; antennæ nigræ, graciles, corporis dimidio breviores, articulo 1o testaceo; thorax antice declivis annulis duobus glabris transversis attenuatis petiolatis, angulis posticis valde rotundatis haud explanatis; abdomen nigrum, apicem versus aurato-ochraceum; membrana cinerea, venis fulvis.

Tawny, broad, elliptical, thickly and minutely punctured, not shining, testaceous beneath. Head broad, with two indistinct blackish stripes; lobes of equal length. Rostrum tawny, extending to the hind coxæ; tip piceous. Antennæ black, less than half the length of the body; first joint testaceous, not extending to the front of the head; second sometimes tawny towards the base, much longer than the third; fourth and fifth as long as the second. Thorax slanting in front of a very slight transverse ridge between the hind angles, which are much rounded and not prominent; a transverse elongated petiolated smooth ringlet on each side near the fore border. Scutellum paler at the tip, hardly extending beyond the angle of the corium; basal angles black. Abdomen black from the base to the tip of the scutellum, gilded ochraceous from thence to the tip; connexivum ferruginous; spiracles black. Legs testaceous, rather short and stout; tarsi with black tips. Membrane of the fore wings cinereous; veins tawny, sometimes forked. Hind wings pellucid. Length of the body 5 lines.

It resembles *P. circumdata* in structure, but the head is broader in front and more like that of the *Sciocoridæ*.

a. Sydney. Presented by W. W. Saunders, Esq.
b. Australia. From Mr. Damel's collection.

147. Pentatoma vilis.

Fulva, ovata, latiuscula, fusco punctata, subtus testacea; caput latum, albido marginatum, lobis lateralibus lobum medium paullo superantibus; rostrum piceum; antennæ nigræ, corporis dimidio breviores, articulis 1o et 2o rufescentibus; thorax lateribus albidis, angulis posticis obtusis valde rotundatis; scutellum angulis basalibus nigris, apice nonnunquam pallido; pedes validi, fusco conspersi, tibiis apice tarsisque fuscis; membrana lurida, venis fuscis reticulata.

Tawny, oval, rather broad, minutely punctured, dingy testaceous beneath; punctures brown. Head broad, bordered on each side by a slender dingy whitish line; lateral lobes extending a little beyond the middle lobe. Rostrum piceous, extending to the middle coxæ. Antennæ black, less than half the length of the body; first and second joints reddish; first not extending to the front of the head; second much longer than the third; fourth a little longer than the second; fifth much longer than the fourth. Thorax with a slender whitish line on each side in front of the hind angle, which is obtuse and much rounded. Scutellum with a black point on each angle at the base, extending rather beyond the flexure of the corium, sometimes paler at the tip. Pectus irregularly punctured, with a channel between the coxæ. Abdomen emarginate at the tip; connexivum with black spots along each side. Legs stout, brown-speckled; tarsi and tips of tibiæ brown. Membrane of the fore wings lurid, with brown reticulated veins. Length of the body 4 lines.

It resembles the preceding species in general structure, but in the reticulated membrane it agrees with the genus *Hymenarcys*.

a. Tasmania. Presented by W. W. Saunders, Esq.
b. Tasmania. Presented by Lieut. A. Smith.
c, d. New Zealand. From Mr. Stevens' collection.

148. Pentatoma tibialis.

Rufescente-fulva, longi-ovata; aspere punctata; caput latum, lobis lateralibus lobum medium paullo superantibus; rostrum piceum; antennæ nigræ, corporis dimidio breviores, articulis 1o et 2o rufescente-fulvis; thorax antice utrinque impressus, angulis posticis obtusis; scutelli anguli basales nigri; pedes picei, tibiis posterioribus luteo late fasciatis; membrana lurido-fusca, venis reticulatis.

Reddish tawny, elongate-oval, roughly punctured, paler beneath. Head broad; lateral lobes extending a little beyond the middle lobe. Rostrum piceous, extending to the hind coxæ. Antennæ black, less than half the length of the body; first and second joints reddish tawny; first not extending to the front of the head; second much longer than the third; fourth as long as the second; fifth longer than the fourth. Thorax slightly impressed on each side in front of the hind angles, which are obtuse and not prominent. Scutellum with a black point on each side at the base, extending a little beyond the flexure of the corium. Pectus piceous about the coxæ, between which there is a furrow. Abdomen emarginate at the tip. Legs piceous, stout; posterior tibiæ luteous, piceous at the base,

piceous towards the tips. Membrane of the fore wings lurid-brown; veins dark brown, reticulated. Length of the body 4 lines.

It agrees in structure with *P. vilis*, from which it is chiefly distinguished by the dark sides of the head and of the thorax. The hind angles of the thorax are a little less prominent.

a. Adelaide. From Mr. Stevens' collection.

149. Pentatoma colligata.

Obscure fulva, aspere punctata, subtus viridescente rufescens; caput latiusculum, lateribus subreflexis, lobis lateralibus lobum medium perpaullo superantibus; rostrum piceum, basi fulvum; thorax antice subrugulosus, angulis posticis valde obtusis; scutellum punctis tribus basalibus luteis, angulis basalibus nigris; pedes lutei, femoribus tibiisque anticis, femoribus posterioribus apice tarsisque viridi-nigris, membrana lurida, venis fuscis subreticulatis.

Dull tawny, elliptical, roughly punctured, reddish beneath; punctures blackish. Head rather broad; sides slightly reflexed; lateral lobe extending very little beyond the middle lobe. Rostrum piceous, tawny towards the base, extending to the hind coxæ. Thorax transversely and slightly rugulose at a little in front of the middle; hind angles very obtuse, not prominent. Scutellum extending rather beyond the angle of the corium, with three luteous points on the fore border and with a black dot on each fore angle. Abdomen beneath and fore part of pectus tinged with metallic-green; hind part of pectus rugulose; connexivum with black spots on each side. Legs stout, luteous; tarsi, fore femora, fore tibiæ and tips of posterior femora greenish black; tips of posterior tibiæ piceous. Membrane of the fore wings lurid; veins brown, slightly reticulated. Length of the body 4 lines.

It much resembles the two preceding species, but the head is shorter and the hind angles of the thorax are less prominent.

a. South Australia. Presented by R. Bakewell, Esq.

150. Pentatoma æqualis.

Sordide fulva, longi-elliptica, aspere nigro punctata, subtus pallide lutea; caput latum, lobis lateralibus lobum medium paullo superantibus; rostrum coxas intermedias attingens; thorax transverse impressus, strigis duabus anterioribus transversis glabris, lateribus pallide luteis, angulis posticis valde rotundatis; segmentum ventrale 5um nigro uniguttatum; pedes breves; membrana lurida, venis fuscis reticulatis.

Dingy tawny, elongate-elliptical, roughly punctured, pale luteous beneath; punctures black. Head broad; lateral lobes extending a little beyond the middle lobe. Rostrum luteous, extending to the middle coxæ; tip black. Thorax with a transverse smooth streak on each side in front of a slight transverse antemedial furrow; sides pale luteous; hind angles very much rounded, not prominent. Scutellum extending rather beyond the angle of the corium; tip pale luteous. Fifth ventral segment with a black dot in the disk. Legs short, stout; tarsi with piceous tips. Membrane of

the fore wings lurid; veins brown, reticulated. Length of the body $4\frac{1}{2}$ lines.

The body is more elongated than that of the three preceding species, and the hind angles of the thorax are much more rounded and less prominent.

a. South Australia. Presented by R. Bakewell, Esq.

151. Pentatoma truncatula.

Obscure fulva, brevi-ovata, sat aspere punctata, subtus pallide lutea; caput longiusculum, litura postica quadrata; rostrum piceum, basi luteum; antennæ nigræ, corporis dimidio longiores, articulis 1o 2oque fulvis, 2o, 3o 4oque apice albidis; thorax antice declivis et transverse impressus, angulis posticis valde rotundatis; scutellum apice testaceo pallido marginatum; segmenta ventralia 3um et 4um nigro triguttata, 5um nigro uniplagiatum; membrana pallide cinerea, fusco strigata.

Dull tawny, short-oval, somewhat roughly punctured, pale luteous beneath; punctures brown. Head elongate, with a quadrate mark on the hind border between the ocelli; lobes of equal length. Rostrum piceous, luteous towards the base, extending to the hind coxæ. Antennæ black, more than half the length of the body; first and second joints tawny; first not extending to the front of the head; second, third and fourth whitish at the tips; second a little longer than the third; fourth a little longer than the second, shorter than the fifth. Thorax with a very indistinct transverse impression in front of a slight transverse ridge between the hind angles, which are much rounded and slightly prominent; sides slightly reflexed, pale testaceous in front. Scutellum extending a little beyond the angle of the corium, with a narrow pale testaceous line round its tip. Abdomen above black, bordered with pale testaceous; a row of black marginal dots on each side beneath; three black dots on the third ventral segment and three on the fourth; a large transverse black patch on the fifth. Legs stout; tarsi and tips of tibiæ blackish. Membrane of the fore wings pale cinereous, with pale brown streaks. Length of the body 3 lines.

a. Tasmania. From Mr. A. J. Smith's collection.

Country unknown.

152. Pentatoma ventralis, *C. H.* 243.

a. ——— ?

153. Pentatoma inconspicua, *C. H.* 250.

Plautia inconspicua, *Stal.*

a. ——— ?

154. Pentatoma? tetrastigma.

tetrastigma, *H.-Sch. Wanz. Ins.* ix. 322.

a. ——— ?

155. Pentatoma brevittata.

Prasina, fusiformis, dense punctata, subtus testacea; caput longiusculum; rostrum testaceum; antennæ nigræ; thorax antice obscurus, lateribus flavis, angulis rotundatis; scutellum vitta brevi apiceque flavis; pedes testacei, validi; alæ anticæ costa basi flava, membrana pellucida.

Grass-green, fusiform, thickly and minutely punctured, mostly testaceous beneath. Head elongate; lobes of equal length. Eyes slightly prominent. Rostrum testaceous. Antennæ black, slender, less than half the length of the body; first joint not extending to the front of the head; second much longer than the third; fourth and fifth as long as the second. Thorax darker about the fore border; sides yellow; hind angles rounded, not prominent. Scutellum attenuated towards the tip, extending a little beyond the flexure of the corium, with a short yellow stripe; this stripe commences in the middle and extends to the tip, which is also yellow. Legs testaceous, stout. Costa of the fore wings yellow towards the base; membrane pellucid. Length of the body $5\frac{1}{2}$ lines.

a. ——? Presented by W. W. Saunders, Esq.

Genus 26. ACLADRA.

Acladra, *Sign. Ann. Soc. Ent. Fr.* 4*me Ser.* iii. 547.

1. Acladra reflexa.

reflexa, *Sign. Ann. Soc. Ent. Fr.* 4*me Ser.* iii. 547, pl. 12, f. 13.
Chili.

Genus 27. RHOMBOCORIS.

Rhombocoris, *Mayr, Verh. Zool. Bot. Gess. Wien.* xiv. 912.

1. Rhombocoris syriacus.

syriacus, *Mayr, Verh. Zool. Bot. Gess. Wien.* xiv. 912.
Syria.

2. Rhombocoris similis.

similis, *Mayr, Verh. Zool. Bot. Gess. Wien.* xiv. 912.
Auckland.

Genus 28. EPIPEDUS, *C. H.* 256.

1. Epipedus histrio, *C. H.* 256.

a. Brazil. From M. Mornay's collection.

Genus 29. APLEROTUS, *C. H.* 256.

1. Aplerotus maculatus, *C. H.* 256.

a, b. Australia. Presented by Sir J. Richardson.
c, d. South Australia. Presented by R. Bakewell, Esq.

Genus 30. STRACHIA, *C. H.* 257.

Europe.

1. Strachia ornata, *C. H.* 257.

a—j. England. From Mr. Stephens' collection.
k—n. France.
o. Switzerland. Presented by W. W. Saunders, Esq.
p—t. Italy.
v, u. Malta. From Mr. Children's collection.
w, x. Europe From Mr. Children's collection.
y—dd. Europe.
ee—ii. ———? Presented by W. W. Saunders, Esq.

2. Strachia picta.

Pentatoma picta, *H.-Sch. Faun Germ.* 116, 12, 13—Strachia picta, *Hahn, Wanz. Ins.* iii. 14, pl. 77, f. 240. *Fieb. Hem.* 343. *Muls. et Rey, Pun. France*, ii. 210.

a—o. France.
p. Italy. Presented by Dr. Dowler.
q. Albania. Presented by W. W. Saunders, Esq.
r, s. Europe. From Mr. Children's collection.
t—w. Europe. Presented by W. W. Saunders, Esq.
x. Trebizond. From Mr. Abbott's collection.
y, z. Canary Isles. Presented by W. W. Saunders, Esq.
aa. Interior of China. Presented by Lieut.-Col. H. A. Jarel.

3. Strachia decorata.

Pentatoma decoratum, *H.-Sch. Faun. Germ.* 116, 14—Strachia pustulata, *Fieb. Weit. Beitr.* 1836, 252, pl. 2, f. 31; *Hem.* 343—Strachia decorata, *Muls. et Rey, Pun. France*, ii. 214.

a, b. France.
c, d. Italy.
e. Hindostan. Presented by Gen. Hardwicke.

4. Strachia festiva.

Cimex dominulus? *Scop. Ent. Carn.* 124, 362—Cimex festivus, *Linn. Syst. Nat.* i. 723. *Muller, Linn. Naturs.* v. 491. *Fabr. Syst. Ent.* 714; *Ent. Syst.* iv. 148; *Syst. Rhyn.* 173. *Schrank, Ins. Austr.* 278; *Faun. Boic.* ii. 75. *Gmel. Syst. Nat.* i. 2156. *De Vill. Linn. Ent.* i. 500. *Rossi, Faun. Etr.* i. 255; *Ed. Ill.* ii. 337. *Panz. Faun. Germ.* vi. 19. *Wolff, Icon. Cim.* 61, pl. 6, f. 71—Pentatoma festiva, *Latr. Hist. Nat.* xii. 194—Pentatoma fimbriolata, *Germ. Faun. Ins.* 17, 9—Strachia festiva, *Hahn, Wanz. Ins.* i. 181, pl. 29, f. 93. *Fieb. Hem.* 342. *Muls. et Rey, Pun. France*, ii. 217—Cimex ornatus, *Burm. Handb.* ii. 368—Pentatoma ornatum, *Blanch. Hem.* 149, 7, *var.* festivum—Eurydema festivum, *Kol. Mel. Ent.* iv. 26.

a—d. France.
e. Italy.
f—bb. Madeira. From Mr. Wollaston's collection.

5. Strachia dominula.

Cimex dominulus, *Harrer*, *Besch. Schæff. Ins.* 468—Pentatoma dominulus, *H.-Sch. Faun. Ins.* 112, 16—Eurydema dominula, *Fieb. Weit. Beitr.* ii. f. 32, 33—Eurydema Heeri, *Meyer*, *Dür.*—Strachia rotundicollis, *Dohrn*, *Stett. Ent. Zeit.* 1860, 108, pl. 3, f. 4—Pentatoma herbaceum, *H.-Sch. Faun. Germ.* 115, 12—Eurydema armeniacum, *Kol. Mel. Ent.* iv. pl. 15, f. 32—Strachia cognata, *Fieb. Wien. Ent. Mon.* 1861, 231—Strachia dominula, *Fieb. Hem.* 343. *Muls. et Rey*, *Pun. France*, ii. 221.

a—e. Italy.
f. ———? From Mr. Vigors' collection.

6. Strachia Gebleri, *C. H.* 258.

Cimex sexpunctatus, *Gebler*, *Ins. Sib. decas* 2, 332. *Mem. Mosc.* 1817—Eurydema ornatum, *Kol. Mel. Ent.* iv. 23—Strachia Gebleri, *C. H.* 258. *Muls. et Rey*, *Pun. France*, ii. 226—Strachia picturata, *Stal*, *Stett. Ent. Zeit.* xix. 178.

Caucasus. Siberia.

a. ———? Presented by Dr. Dowler.

7. Strachia oleracea, *C H.* 258.

Strachia lineola, *Stein. Berl. Ent. Zeit.* 1858, 205, f. 12. *Fieb. Hem.* 345 Strachia rugulosa, *Dohrn*, *Stett. Ent. Zeit.* xxi. 103, pl. 1, f. 6. *Fieb. Hem.* 345.

Var. Strachia rotundicollis, *Dohrn*, *Stett. Ent. Zeit.* xxi. 103, pl. 1, f. 4.

a—t. England. From Mr. Stephens' collection.
v. France. Presented by F. Walker, Esq.
u—aa. France.
bb. Geneva. Presented by M. Goureau.
cc, *dd.* Polish Ukraine. Presented by Dr. Dowler.
ee, *ff.* Europe. Presented by W. W. Saunders, Esq.

8. Strachia lineola.

Strachia lineola, *Stein. Berl. Ent. Zeit.* ii. 205, f. 12. *Fieb. Hem.* 345. *Muls. et Rey*, *Pun. France*, ii. 205.

Andalusia.

9. Strachia cyanea.

cyanea, *Fieb. Wien. Ent. Mon.* 1861, 732. *Muls. et Rey*, *Pun. France*, ii. 232.

Pyrenees.

10. Strachia Meyeri.

Meyeri, *Fieb. Hem.* 344.

Spain.

11. Strachia stolida.

Eurydema stolidum, *Friv. MSS. H.-Sch. Wanz. Ins.* iv. 101, pl. 142, f. 448 —Strachia albopicta, *Nitsch.*—Strachia stolida, *Fieb. Hem.* 344—*Muls. et Rey, Pun. France*, ii. 197.

Greece. Turkey.

12. Strachia variegata.

Stenozygum variegatum, *Fieb. Hem.* 345—Nitilia (Minodia) variegata, *Muls. et Rey, Pun. France*, ii. 199—Nitilia (Stenozygum) variegata, *Muls. et Rey, Pun. France*, ii. 365.

S. France. Turkey. Syria.

North America.

13. Strachia histrionica, *C. H* 263.

Murgantia histrionica, *Stal, Stett. Ent. Zeit.* xxiii. 106.

a, b. Mexico. Presented by O. P. Coffin, Esq.
c. Mexico. From Dr. Hartweg's collection.
d. Mexico. From Mr. Argent's collection.
e. Oajaca. From M. Sallé's collection.
f. Mexico. From Mr. Glennie's collection.
g, h. Mexico. Presented by W. W. Saunders, Esq.
i—l. California. Presented by F. Walker, Esq.
m, n. ———? From Mr. Children's collection.
l. Guatemala. Presented by O. Salvin, Esq.
m—o. ———? From Mr. Children's collection.

14. Strachia angularis.

Nigra, aspere punctata; caput longiusculum, lateribus anticis luteis subreflexis; rostrum basi luteum; thorax vitta lateribus margineque antico luteis; scutellum vittis duabus luteis postice connexis; pectus maculis sex rufis totidemque luteis; pedes luteo vittati; alæ anticæ membrana fusca.

Black, oval, roughly punctured. Head elongate; border in front of the eyes luteous, slightly reflexed; lobes of equal length. Eyes rather prominent. Rostrum rather stout, extending to the hind coxæ, luteous at the base. Thorax with a luteous stripe, bordered with luteous in front and on each side; the border much wider than the stripe, broadest about the hind angles, which are much rounded and not prominent. Scutellum extending much beyond the flexure of the corium, with two luteous converging stripes, which are connected near the tip. Pectus with three red spots on each side, and with six intermediate pale luteous spots. Coxæ pale luteous; femora and tibiæ striped with pale luteous. Membrane of the fore wings brown. Length of the body 3 lines.

The specimen here described is mutilated.

a. North America. Presented by F. Walker, Esq.

Mexico.

15. Strachia munda, *C. H.* 261.

Murgantia munda, *Stal*, *Stett. Ent. Zeit.* xxiii. 106.

a, *b*. Oajaca. From M. Sallé's collection.
c. Columbia. From M. Goudot's collection.

16. Strachia splendida.

Pentatoma? splendida, *C. H.* 256—Arocera splendens, *Stal*, *Stett. Ent. Zeit.* xxiii. 107.

a. Mexico. From Mr. Argent's collection.
b. Columbia. From M. Jurgen's collection.
c. Columbia. From M. Goudot's collection.
d—f. Venezuela. From Mr. Dyson's collection.
g—f. Petropolis. Presented by the Rev. H. Clerk.

17. Strachia principalis.

principalis, *Stal, Ofv. K. Vet. Ak. Forh.* 1855, 182; 1856, 158—Arocera principalis, *Stal*, *Stett. Ent. Zeit.* xxii. 140; xxiii. 107.

Mexico.

18. Strachia melanopyga.

melanopyga, *Stal*, *Ofv. Vet. Ak. Forh.* 1858, 437—Arocera melanopyga, *Stal*, *Stett. Ent. Zeit.* xxii. 139; xxiii. 107.

a. Orizaba. From M. Sallé's collection.

19. Strachia rufonotata.

Arocera rufonotata, *Stal*, *Stett. Ent. Zeit.* xxii. 140.

Mexico.

West Indies.

20. Strachia violascens.

concinna, *C. H.* 265—Murgantia violascens, *Stal.*

a. Jamaica. From Mr. Gosse's collection.
b. Venezuela. From Mr. Birschell's collection.
c. ——? Presented by W. W. Saunders, Esq.
d. ——?

21. Strachia placens.

Nigra, lata, glabra, nitens; caput breve, transverse striatum; thorax vitta abbreviata saturate rufa; scutellum fascia cyathiformi, vitta anteriore maculisque duabus lateralibus rufis; abdomen rufum, vitta ventrali lata maculari maculisque marginalibus rufis; alæ anticæ corio apicem versus rufo. Var. β.—Thorax fascia lata rufa, nigro bimaculata; scutellum rufum, nigro quadrimaculatum.

Black, elliptical, broad, smooth, shining. Head short, transversely striated between the eyes and the antennæ, with reflexed borders, and with deep furrows between the lobes, which are of equal length. Eyes prominent. Rostrum extending a little beyond the hind coxæ. Antennæ about

half the length of the body; joints successively increasing in length; first not extending to the front of the head. Thorax with a deep red stripe, which is abbreviated at each end, and with an impression on each side in front, where the borders are reflexed. Scutellum with a transverse cyathiform red band, which emits a stripe to the fore border, and is accompanied by a red spot on each side in front. Abdomen red, with black marginal spots, and with a broad macular black ventral stripe. Legs stout, rather short. Corium of the fore wings red towards the tip, the inner side of the red part much excavated; membrane pellucid. Var. β.—Thorax with a broad red band, containing two large black spots, which are on the fore border. Scutellum red, with four black spots, two at the base and two near the tip. Corium of the fore wings with the inner side of the red part not excavated. Length of the body 4 lines.

a. St. Domingo. From Mr. Tweedie's collection.
b. ———? Presented by W. W. Saunders, Esq.

22. Strachia perspicua.

Pentatoma? perspicua, *C. H.* 255—Runibia perspicua, *Stal*, *Stett. Ent. Zeit.* xxii. 140.

Isle St. Thomas.

a. ———?

23. Strachia proxima.

Pentatoma? proxima, *C. H.* 255—Runibia proxima, *Stal*, *Stett. Ent. Zeit.* xxii. 140.

a. Jamaica. From Mr. Gosse's collection.

South America.

24. Strachia ponderosa.

ponderosa, *Stal*, *Ofv. K. Vet. Ak. Forh.* 1853, 233.

Brazil.

25. Strachia generosa.

generosa, *Stal*, *Ofv. K. Vet. Ak. Forh.* 1853, 233.

Brazil.

26. Strachia tessellata.

Pentatoma tessellata, *Am. et Serv. Hem.* 130, pl. 3, f. 5—Murgantia tessellata, *Stal*, *Stett. Ent. Zeit.* xxiii. 105.

Rio Janeiro.

a. Amazon Region. From Mr. Bates' collection.

27. Strachia bifasciata, *C. H.* 263.

Murgantia bifasciata, *Stal*, *Stett. Ent. Zeit.* xxiii. 105.

a—c. Brazil. From Mr. Children's collection.
d—f. Brazil. From M. Mornay's collection.
g—i. Archidona. From Mr. Stevens' collection.
j. Brazil. Presented by W. W. Saunders, Esq.

28. Strachia circumducta.

circumducta, *Stal*, *Ofv. Vet. Ak. Forh.* 1853, 233; 1856, 60—Runibia circumducta, *Stal*, *Stett. Ent. Zeit.* xxii. 140.

Brazil.

29. Strachia decorata, *C. H.* 266 (Nomenbis lectum).

Runibia decorata, *Stal*, *Stett. Ent. Zeit.* xxii. 140.

a. Brazil. From Mr. Mornay's collection.
b. Petropolis. Presented by the Rev. H. Clark.

30. Strachia spectabilis, *C. H.* 266.

Arocera spectabilis, *Stal*, *Stett. Ent. Zeit.* xxii. 129.

a. Brazil. Presented by Sir C. Stuart.
b—d. Brazil. From Mr. Mornay's collection.
e, f. Brazil. From Mr. Vigors' collection.
g, h. Brazil.
i. Ega. From Mr. Bates' collection.
j. Nauta. From M. Degaud's collection.

31. Strachia rufifrons, *C. H.* 267.

a, b. Brazil. From Mr. Mornay's collection.

32. Strachia acroleuca, *C. H.* 263.

Acrocera aurantiaca, *Spin. Hem.* 318—Arocera acroleuca, *Stal*, *Stett. Ent. Zeit.* xxii. 139.

a. Brazil. Presented by the Entomological Club.
b. Amazon Region. From Mr. Wallace's collection.
c. S. America.
d. Para. Presented by W. W. Saunders, Esq.

33. Strachia nigrorubra, *C. H.* 267.

Arocera nigrorubra, *Stal*, *Stett. Ent. Zeit.* xxii. 139.

a. Columbia. From M. Goudot's collection.

34. Strachia nigropicta.

Ochracea, nitens, scitissime punctata; caput longiusculum, postice nigrum, lobo medio lobos laterales paullo superante; rostrum coxas posticas longe superans; antennæ nigræ, articulo 1o ochraceo, 3o basi albido; thorax margine antico plagisque duabus maximis nigris; scutellum strigis duabus latissimis nigris; pectus nigro sex-maculatum; pedes nigri, femoribus basi coxisque ochraceis; alæ anticæ nigræ, spatio basali ochraceo, membrana cinereo marginata.

Arocera nigropicta, *Stal*, *MSS.*

Ochraceous, oval, shining, very finely punctured. Head elongate; hind part black; sides slightly reflexed; middle lobe extending a little beyond the lateral lobes. Rostrum black towards the tip, extending to the

hind border of the second abdominal segment. Antennæ black, slender, much more than half the length of the body; first joint ochraceous, not extending to the front of the head; third whitish at the base, very much longer than the second, much shorter than the fourth, which is a little longer than the fifth. Thorax black along the fore border, and with two very large black patches, which are on the hind border; fore angles acute; hind angles rounded. Scutellum with two very broad black streaks, which are connected with the patches. Pectus with three large transverse black spots on each side. Legs black, rather long and slender; femora towards the base and coxæ ochraceous; tibiæ furrowed. Fore wings black, ochraceous towards the base; the ochraceous part twice longer on the hind border than on the costa; membrane bordered with cinereous. Length of the body 6 lines.

a. Santarem. From Mr. Bates' collection.
b. Tapayos. From Mr. Bates' collection.

35. Strachia eucosma.

Pallide lutea, longi-ovata, subtilissime punctata; caput longiusculum, vitta spatioque postico nigris; rostrum nigrum, basi luteum; antennæ nigræ; thorax lateribus ochraceis, maculis duabus anticis oblongis plagisque duabus posticis magnis nigris; scutellum plagis duabus maximis nigris; pectus nigro septem-maculatum; venter lateribus rufo variis, guttis lateralibus maculisque marginalibus nigris; pedes nigri, femoribus pallide luteis nigro vittatis et maculatis; alæ anticæ vitta subcostali ochracea, maculis duabus nigris, membrana nigra margine pellucido.

Arocera eucosma, *Stal, MSS.*

Pale luteous, elongate-oval, very minutely punctured. Head elongate, black along the eyes and at the base of the antennæ, and with a broad black stripe; under side with two black dots on the hind border; sides reflexed in front; lobes of equal length; middle lobe transversely striated. Rostrum black, luteous at the base, extending to the hind coxæ. Antennæ black, a little more than half the length of the body; first joint extending to the front of the head; second a little shorter than the third; third a little more than half the length of the fourth; fifth a little shorter than the fourth. Thorax with ochraceous sides, with an oblong black spot on each side, near the acute fore angle, and with a large black patch on each side, near the hind border; hind angles rounded. Scutellum with two very large black patches on the fore border, divided by a slender stripe. Pectus with six black spots on each side, and with a large black spot between the fore coxæ and the middle coxæ. Abdomen beneath varied with red on each side; spiracles in black dots; connexivum with black spots. Legs black, rather long and slender; coxæ and femora pale luteous, the latter striped and spotted with black; tibiæ furrowed, striped with pale luteous. Fore wings with an ochraceous subcostal stripe, and with two black spots on the disk; first spot very large; second much smaller, nearer the tip of the costa; membrane black, with a pellucid border. Length of the body 6 lines.

a. Brazil. From Mr. Vigors' collection.

36. [Strachia] euopta.

Ochracea, nitens, scite punctata; caput longiusculum, supra nigrum transverse striatum, subtus nigro bimaculatum; rostrum nigrum, basi ochraceum; antennæ nigræ; thorax spatio antico glabro lurido, maculis duabus posticis maximis nigris; scutellum maculis duabus nigris maximis elongatis; pectus nigro quadrimaculatum; abdominis discus posticus niger; pedes nigri, femoribus basi ochraceis; alæ anticæ macula postmedia nigra maxima, membrana nigra, pallido latissime marginata.

Arocera euopta, *Stal, MSS.*

Ochraceous, shining, finely punctured, nearly elliptical, a little paler beneath. Head elongate, black above; sides reflexed; lobes of equal length; lateral lobes transversely striated; middle lobe with three transverse striæ; a black spot on each side beneath. Rostrum black, ochraceous at the base, extending to the hind coxæ. Antennæ black, slender, much more than half the length of the body; first joint extending a little beyond the front of the head; second a little less than half the length of the third; fourth much longer than the fifth, and very much longer than the third. Thorax with a smooth transverse pale livid space on each side in front, and with two very large black spots, which join the hind border and are rounded on the outer side, and are divided by a narrow stripe; sides much reflexed; fore angles acute; hind angles much rounded. Scutellum with two elongated very large black spots, which are continuations of those on the thorax. Pectus with two black spots on each side; the two hinder spots very large. Abdomen with a large black patch beyond the scutellum; under side with two little black longitudinal subapical streaks, which are often not apparent. Legs black, long, slender; femora towards the base and coxæ ochraceous; tibiæ furrowed. Fore wings with a postmedial very large black spot, which is occasionally more or less notched; membrane black, with a very broad pellucid border. Hind wings brown, pellucid towards the base and along the apical part of the costa. Length of the body 6 lines.

a. Amazon Region. From Mr. Wallace's collection.
b, c. Santarem. From Mr. Bates' collection.
d. Amazon Region. Presented by W. W. Saunders, Esq.

37. Strachia alligata.

Pallide lutea, longi-ovata, scite punctata; caput longiusculum, vitta spatioque postico nigris; rostrum nigrum, basi pallide luteum; antennæ nigræ; thorax spatiis duobus anticis glabris strigas duas nigras transversas includentibus, maculis duabus posticis nigris maximis; pectus spatio basali nigro lineolas duas luteas subundulatas includente; pectus maculis sex guttisque totidem nigris; connexivum nigro maculatum; vitta ventralis brevis nigra macularis; pedes nigri, femoribus basi fasciaque subapicali luteis; alæ anticæ nigro bimaculatæ, margine exteriore pallide testaceo, membrana nigra pallido late marginata.

Pale luteous, elongate-oval, shining, minutely punctured. Head black along the hind border and on each side adjoining the eye, and with a

black stripe, which is attenuated towards the hind border; under side black about the base of the antennæ, and with a black spot on each side of the hind border; sides reflexed; lobes of equal length. Rostrum black, pale luteous towards the base, extending to the hind coxæ. Antennæ black, slender, more than half the length of the body; first joint extending beyond the front of the head; second a little more than half the length of the third; fourth much longer than the third. Thorax with a little transverse black streak, and with a broad transverse smooth space on each side near the fore border; two very large black spots on the hind border, rounded on the outer side, separated by a narrow stripe; sides much reflexed; fore angles acute; hind angles much rounded. Scutellum black for more than one-third of the length from the base, the black space divided on each side by a slender slightly undulating pale luteous line. Pectus with three large black spots, and with three exterior black dots on each side. Connexivum with black spots; spiracles black; a black spot on each ventral segment from the third to the sixth. Legs black, rather long and slender; femora at the base and coxæ pale luteous, the former with a pale luteous subapical band. Fore wings with two large black spots, both near the outer border, which is pale testaceous; membrane black, with a broad pellucid border. Length of the body 7½ lines.

It has much affinity to *S. decorata*, which may be distinguished by the white space that includes the spots on the thorax and on the scutellum, and by the white tip of the latter.

a. Cuenca. From Mr. Fraser's collection.
b. Peru. Presented by W. W. Saunders, Esq.

38. Strachia notabilis.

Nigra, nitens, aspere punctata, subtus rufa; caput rufum, longiusculum, lateribus vix reflexis; rostrum coxas posticas longe superans; antennæ corporis dimidio paullo longiores; thorax plagis duabus lateralibus rufis; scutellum fascia arcuata apiceque rufis; pectus nigro sex plagiatum; venter e maculis transversis nigris bivittatus; pedes nigri, longiusculi; alæ anticæ fascia rufa, membrana viridi nigra.

Black, elliptical, shining, roughly and thinly punctured, bright red beneath. Head bright red, elongate; sides hardly reflexed; lobes of equal length. Rostrum black, slender, extending much beyond the hind coxæ. Antennæ black, slender, a little more than half the length of the body; first joint not extending to the front of the head; second hardly more than half the length of the third; fourth longer than the third, as long as the fifth. Thorax with a large red patch on each hind angle, which is obtuse and slightly prominent. Scutellum extending rather beyond the angle of the corium, red at the tip, and with a red curved band which joins the fore border. Pectus with three large black patches on each side. Abdomen beneath with a row of large transverse black spots on each side. Legs black, rather long. Fore wings with a red band in a line with the red tip of the scutellum; membrane greenish black. Length of the body 9 lines.

a. Columbia. Presented by W. W. Saunders, Esq.
b. Amazon Region. Presented by W. W. Saunders, Esq.

39. Strachia gravis.

Saturate viridis, dense punctata, subtus testacea; caput longiusculum, antice pallidum, lobo medio apicem versus nigro; rostrum nigrum; antennæ nigræ, setulosæ; thorax vitta antice attenuata lateribusque luteis; scutellum vitta postice attenuata lineis duabus lateralibus apiceque testaceis; pectus et venter vittis duabus pallide viridibus; pedes nigri, longiusculi, femoribus basi pallide viridibus; alæ anticæ costæ dimidio basali luteo.

Deep green, elliptical, thickly and minutely punctured, testaceous beneath. Head elongate; pale green, except the hind part; lobes of equal length; middle lobe black towards the tip. Rostrum black, extending to the hind border of the first abdominal segment. Antennæ black, minutely setulose, more than half the length of the body; joints successively increasing in length; first not extending to the front of the head. Thorax with a luteous stripe, which is attenuated in front, and with luteous sides; hind angles much rounded, hardly prominent. Scutellum testaceous and much attenuated towards the tip, extending to the angle of the corium; a slender testaceous line on each side, and a testaceous stripe which is attenuated hindward. Pectus and under side of the abdomen with an irregular pale green stripe on each side. Legs black, rather long; coxæ testaceous; femora pale green towards the base. Fore wings with the costa of the corium luteous for half the length from the base; membrane cinereous. Length of the body 6 lines.

a. Para. From Mr. Hewitson's collection.

40. Strachia olivacea.

Olivaceo-viridis, nitens, scite punctata, subtus pallide testacea; caput transverse striatum; antennæ nigræ, corporis dimidio longiores, articulo 1o pallide testaceo; thorax pallide testaceus, lateribus rufis, plagis duabus posticis magnis olivaceis; scutellum vitta pallide testacea postice dilatata; alæ anticæ costa pallide testacea.

Olive-green, shining, nearly elliptical, thinly and minutely punctured, pale testaceous beneath. Head slightly and transversely striated; lobes of equal length. Rostrum pale testaceous, extending to the hind coxæ; tip black. Antennæ black, slender, a little more than half the length of the body; first joint pale testaceous, not extending to the front of the head; second much shorter than the third; third livid at the base, shorter than the fourth; fifth as long as the fourth. Thorax pale testaceous, red along each side, with two large olive-green patches on the hind border; fore angles slightly acute; hind angles rounded. Scutellum with a pale testaceous stripe which is dilated near the tip, the latter is sometimes reddish. Abdomen above black. Legs pale testaceous. Fore wings with a pale testaceous costal stripe; membrane pellucid. Length of the body 5 lines.

Most allied to *S. acroleuca* in structure.

a. Santarem. Presented by W. W. Saunders, Esq.
b. Santarem. From Mr. Bates' collection.

Arocera 41. STRACHIA APTA.

Nigra, glabra, nitens, subtus ochracea; caput latiusculum, transverse striatum; rostrum coxas posticas longe superans; antennæ articulo 2o basi 1oque ochraceis; thorax fascia antica, lateribus strigaque lanceolata ochraceis; scutellum fascia arcuata, vitta apiceque ochraceis; pectus nigro sex maculatum; pedes nigri, femoribus basi ochraceis; alæ anticæ ochraceo bifasciatæ, membrana cinereo marginata.

Black, smooth, shining, elliptical, ochraceous beneath. Head rather broad, finely and transversely striated; sides slightly reflexed; lobes of equal length. Rostrum ochraceous, black towards the tip, extending nearly to the hind border of the second ventral segment. Antennæ slender; first joint ochraceous, not extending to the front of the head; second ochraceous at the base, a little more than half the length of the third; fourth a little longer than the third. Thorax in front with an ochraceous band, which is continued along each side to the hind angle, and emits a lanceolate streak to the hind border; sides slightly reflexed; fore angles slightly acute; hind angles rounded. Scutellum with a slender ochraceous stripe, an ochraceous tip, and a curved ochraceous band. Pectus with three large black spots on each side. Legs black, stout; femora towards the base and coxæ ochraceous; tibiæ furrowed. Fore wings with two ochraceous bands on the corium, one basal, the other marginal, both dilated towards the costa; membrane with a cinereous border. Length of the body 6 lines.

a. Amazon Region. From Mr. Bates' collection.

42. STRACHIA TRIANGULARIS.

Nigra, longi-ovata, nitens, aspere punctata, subtus flavo-alba nigro septem-vittata; caput strigis duabus lateralibus maculisque duabus posticis transversis flavo-albis, lobo medio lobos laterales paullo superante; antennæ corporis dimidio breviores; thorax linea transversa abbreviata antica lineolisque flavo-albis; scutellum flavo-albo marginatum: pedes nigri, femoribus flavo-albis nigro fasciatis, tibiis albo fasciatis; alæ anticæ vitta costali brevi vittaque subcostali flavo-albis.

Black, elongate-oval, shining, roughly punctured, yellowish white beneath. Head elongate, with a yellowish white streak along each side and with a transverse yellowish white spot along each side of the hind border; sides slightly reflexed; middle lobe extending a little beyond the lateral lobes; two black spots on each side beneath. Eyes prominent. Rostrum black, yellowish white towards the base, extending to the hind coxæ. Antennæ slender, less than half the length of the body; first joint not extending to the front of the head; second and third of equal length; fourth much longer than the third. Thorax in front with an abbreviated transverse smooth yellowish white line and with yellowish white sides; hind border with a transverse yellowish white line on each side; fore angles and hind angles slightly acute. Scutellum bordered with yellowish white. Connexivum yellowish white. Pectus and under side of abdomen with seven black stripes. Legs black, slender; coxæ and femora yellowish white, the latter with a black band near the tip; tibiæ with a white band near the tip. Fore wings with a short yellowish white costal stripe proceeding from the

base, and with an entire yellowish white subcostal stripe; membrane blackish. Hind wings cinereous, with black veins. Length of the body 4 lines.

It has some resemblance to the genus *Mormidea*.

a. Archidona. From Mr. Stevens' collection.

Africa.

43. Strachia hilaris, *C. H.* 259.

Bagrada hilaris, *Stal*, *Hem. Afr.* i. 187.

Ceylon.

a—c. South Africa. Presented by the late Earl of Derby.
d, *e*. South Africa.
f, *g*. Cape. From M. Drégé's collection.
h. Lake N'gami. From Mr. Andersen's collection.

44. Strachia gloriosa, *C. H.* 259.

Stenozygum gloriosum, *Stal*, *Hem. Afr.* i. 185.

a. South Africa. Presented by Sir A. Smith.
b. Cape. From M. Drégé's collection.

45. Strachia pœcila, *C. H.* 260.

a. South Africa. Presented by Sir A. Smith.
b. South Africa. From Mr. Vigors' collection.

46. Strachia alienata, *C. H.* 261.

Stenozygum alienatum, *Stal*, *Hem. Afr.* i. 184.

a. West Africa.
b, *c*. South Africa. From Mr. Argent's collection.
d. Natal. From Dr. Krauss' collection.
e—g. Africa. Presented by W. W. Saunders, Esq.
h. Syria. From Mr. Stevens' collection.

47. Strachia varia.

Pentatoma varia, *Hope*, *Cat. Hem.* 34—Strachia angularis, *Schaum*, *Ber. Akad. Berl.* 1853, 357. *Peters*, *Reise Mozamb. Ins.* 39, pl. 2, f. 3—Stenozygum varium, *Stal*, *Hem. Afr.* i. 186.

a, *b*. Cape. Presented by R. Trimen, Esq.
c—e. Cape. Presented by W. W. Saunders, Esq.
f—i. South Africa. Presented by R. Trimen, Esq.

48. Strachia sculpticollis.

sculpticollis, *Stal*, *Ofv. K. Vet. Ak. Forh.* 1855, 182; 1856, 59—Stenozygum sculpticolle, *Stal. Hem. Afr.* i. 185.

Sierra Leone.

49. Strachia spinosa.

Pentatoma spinosa, *Sign. Rev. Zool.* 1851, 442—Strachia spinosa, *Sign. Arch. Ent.* ii. 286.

Gabon. Old Calabar.

50. Strachia viridis.

viridis, *Sign. Arch. Ent.* ii. 286.

Old Calabar.

51. Strachia pentatomoides.

Pallide herbido-viridis, nitens, aspere punctata; caput lateribus ochraceis, margine postico suturisque nigricantibus, lobo medio lobos laterales perpaullo superante; antennæ nigræ, corporis dimidio breviores; thorax macula antica strigisque duabus lateralibus ochraceis, spatio antico glabro; pectus et venter ochraceo fasciata; alæ anticæ striga subcostali ochracea.

Pale grass-green, oval, shining, roughly punctured. Head black along the hind border and with black sutures between the lobes; sides ochraceous, reflexed; middle lobe extending very little beyond the lateral lobes. Rostrum black, extending very little beyond the hind coxæ. Antennæ black, less than half the length of the body; first joint not extending to the front of the head; second much shorter than the third; fourth shorter than the third; fifth shorter than the fourth. Thorax with an ochraceous spot on the fore border and with an ochraceous streak along each side; a smooth space along the fore border; hind angles slightly prominent. Scutellum hardly extending beyond the angle of the corium, with an ochraceous patch on each side near the base. Pectus and under side of the abdomen with transverse ochraceous streaks on each side. Legs rather short and stout; tarsi blackish. Fore wings with an ochraceous subcostal streak; membrane pellucid. Length of the body 3 lines.

a. Cape. Presented by W. W. Saunders, Esq.

52. Strachia ænescens.

Nigro-ænea, nitens, aspere punctata; caput glabrum, antice striatum; rostrum coxas intermedias attingens; antennæ corporis dimidio non longiores; thorax antice glaber, lateribus rufis; connexivum rufo maculatum; pedes breves, robusti; alæ anticæ rufo marginatæ.

Blackish æneous, elliptical, slightly convex, shining, roughly punctured. Head smooth between the eyes, transversely striated on each side in front; sides slightly reflexed; lobes of equal length. Rostrum black, extending to the middle coxæ. Antennæ black, about half the length of the body, with an æneous tinge towards the base; first joint extending to the front of the head; second very much longer than the third; fourth much longer than the third; fifth a little longer than the fourth. Thorax with a broad smooth space in the fore part of the disk; sides red; angles much rounded. Scutellum hardly extending beyond the flexure of the corium. Connexivum with red spots. Legs short, stout. Fore wings

bordered with red; membrane blackish æneous. Length of the body 3 lines.

a. Cape. Presented by W. W. Saunders, Esq.

Madagascar.

53. Strachys mirabilis.

mirabilis, *Sign. A. S. E. F. 3me Ser.* viii. 932—Stenozygum mirabile, *Stal, Hem. Afr.* i. 183.

Madagascar.

54. Strachia Madagascariensis.

Madagascariensis, *Sign. A. S. E. F. 3me Ser.* viii. 933, pl. 13, f. 5—Stenozygum Madagascariense, *Stal, Hem. Afr.* i. 183.

Madagascar.

Asia.

55. Strachia picta, *C. H.* 259.

Bagrada picta, *Stal, Stett. Ent. Zeit.* xxiii. 105.

a—c. Hindostan. Presented by Gen. Hardwicke.
d. North Bengal. From Lieut. Campbell's collection.
e—i. Hindostan. Presented by W. W. Saunders, Esq.
j. North Hindostan. Presented by W. W. Saunders, Esq.
k. Hindostan. Presented by J. C. Bowring, Esq.
l, m. Bagdad. Presented by W. K. Loftus, Esq.

56. Strachia speciosa, *C. H.* 261.

a. N. Hindostan. From Capt. Boys' collection.

57. Strachia limbata, *C. H.* 263.

Cinxia limbata, *Stal, Stett. Ent. Zeit.* xxiii. 105.

a—d. Java. From Mr. Children's collection.
e—g. Java. From Mr. Melly's collection.
h. Java. From the East India Company's collection.
i. Australia. From Mr. Children's collection.
j. Java. Presented by J. C. Bowring, Esq.
k. Silhet. Presented by J. C. Bowring, Esq.
l. Siam. Presented by W. W. Saunders, Esq.
m. ———? Presented by W. W. Saunders, Esq.

58. Strachia liturifera.

Cyaneo-nigra, longi-ovata, aspere punctata, subtus pallide lutea; caput rufo bimaculatum, lateribus pallide luteis; thorax rufus, maculis duabus anticis transversis quatuorque posticis obliquis cyaneo-nigris; scutellum lateribus anticis vittaque postica rufis; pectus maculis sex lateribusque rufis; venter rufus maculis lateralibus nigro-cyaneis; pedes luteo pallido strigati; alæ anticæ maculis duabus, costa basali margineque exteriore rufis.

Bluish black, elongate-oval, shining, roughly punctured, pale luteous beneath. Head with a red spot on each side in front of the eye; sides pale luteous, slightly reflexed; lobes of equal length; a black patch on each side beneath. Rostrum black, pale luteous at the base, extending to the hind coxæ. Antennæ black, about half the length of the body; first joint extending nearly to the front; second much longer than the third; fourth as long as the second, shorter than the fifth. Thorax red, with six elongated bluish black spots, of which two are transverse and on the fore border, and the other four are oblique; hind angles rounded. Scutellum extending to the angle of the corium; a red stripe extending along half the length from the tip; sides red for half the length from the base. Pectus on each side with three red spots, which are irregularly bordered with blackish blue; sides red. Abdomen beneath red and with blackish blue spots along each side; connexivum red, with blackish blue spots. Legs black, streaked with pale luteous. Fore wings with two irregular red spots; costa towards the base and exterior border red; first spot joining the red part of the costa; second joining the red of the exterior border; a whitish costal streak beyond the middle; membrane black, with a whitish pellucid border. *Var.* β.—Thorax with the spots much diminished in size; the red hue more prevalent in the fore wings. Length of the body 3½ lines.

This species, like the three following and like *S. pulchra*, agrees with the European *Strachiæ* in structure.

a—c. Hindostan. Presented by W. W. Saunders, Esq.
a. North Hindostan. From Capt. Boys' collection.

59. Strachia designata.

Nigra, longi-ovata, aspere punctata, subtus pallide testacea; caput lateribus anticis reflexis pallide testaceis; antennæ corporis dimidio non longiores; thorax margine vitta lineaque semicirculari ramos duos emittente testaceis; scutellum testaceo marginatum, basi convexum transverse striatum; pectus et venter vittis duabus macularibus nigris; venter vitta intermedia nigra maculari; pedes basi testacei, tibiis posterioribus testaceo fasciatis; alæ anticæ vitta angulosa margineque exteriore testaceis.

Black, elongate-oval, shining, roughly and thinly punctured, pale testaceous beneath. Head in front with reflexed pale testaceous borders; lateral lobes extending much beyond the middle lobe. Rostrum black, extending to the hind coxæ. Antennæ black, about half the length of the body; first joint not extending to the front of the head; second much longer than the third; fourth a little longer than the second. Thorax with a testaceous border, a slender testaceous stripe and a semicircular testaceous line which rests on the hind border and emits a branch to each side near the fore border. Scutellum bordered with testaceous on each side and at the tip, which is narrow; fore part more convex than the hind part, not punctured, but transversely and very finely striated. Pectus and abdomen beneath with two stripes of large black spots. Abdomen beneath with a middle stripe of transversely elongated black spots. Legs black; femora towards the base and coxæ testaceous; posterior tibiæ with a testaceous band. Fore wings with a testaceous stripe which proceeds on the costa from the base, and diverges to the disk and returns to the costa, and

then again diverges and joins the exterior border, which is also testaceous; membrane black, with a whitish border. Length of the body 4 lines.

a. Hindostan. Presented by W. W. Saunders, Esq.

Cydonia nigra 60. Strachia signata.

Cyaneo-nigra, longi-ovata, aspere punctata; caput lateribus rufis reflexis; antennæ corporis dimidio breviores; thorax vitta margineque rufis; scutellum vittis duabus rufis postice conjunctis; pectoris et ventris latera rufa; venter vittis duabus rufis latis indeterminatis; tibiæ posteriores testaceo strigatæ; alæ anticæ vitta costali fasciaque postmedia rufis abbreviatis.

Bluish black, elongate-oval, shining, roughly punctured. Head with bright red reflexed borders; lateral lobes conniving beyond the middle lobe. Rostrum black, reddish at the base, extending to the hind coxæ. Antennæ black, less than half the length of the body; first joint extending to the front of the head; second much longer than the third; fourth as long as the second; fifth shorter than the fourth. Thorax with a bright red stripe and with a border of the same hue. Scutellum with two oblique bright red stripes, which are united beyond the middle and are continued in a single stripe to the tip. Pectus bordered with bright red on each side. Abdomen beneath with bright red sides and with two broad irregular bright red stripes. Legs black; tibiæ furrowed; posterior tibiæ with a pale testaceous streak. Fore wings with a red costal stripe along more than half the length from the base, and with an abbreviated red band which joins the hind part of the exterior border; membrane black, with a whitish pellucid border. Length of the body $3\frac{1}{2}$—4 lines.

a—c. Japan. From Mr. Stevens' collection.

61. Strachia marginifera.

Nigra, longi-ovata, aspere punctata; caput lateribus anticis rufis reflexis; antennæ corporis dimidio paullo longiores; thorax vitta antice dilatata margineque rufis; scutellum vittis duabus rufis postice conjunctis; pectus et venter vittis duabus nigris latis macularibus; venter vitta intermedia nigra lata maculari; pedes basi rufi, tibiis testaceo fasciatis; alæ anticæ vitta costali fasciaque abbreviata rufis.

Black, elongate-oval, shining, roughly punctured. Head in front with red reflexed borders; lateral lobes conniving beyond the middle lobe; under side red about the base of the antennæ. Rostrum red at the base, extending to the hind coxæ. Antennæ a little more than half the length of the body; first joint not extending to the front of the head; second a little longer than the third; fourth a little longer than the second; fifth a little longer than the fourth. Thorax red-bordered, with a smooth space on each side in front, and with a red stripe which is dilated in front. Scutellum with two converging red stripes, which are united at two-thirds of the length and form one stripe which is dilated at the tip. Pectus and under side of the abdomen red, with a broad macular black stripe on each side; under side of the abdomen with a broad middle macular black stripe. Legs black; femora at the base and coxæ red; tibiæ furrowed, with a pale testaceous band. Fore wings with a red costal stripe, which is attenuated beyond the

middle and extends to the tip, and with a red band, which is abbreviated towards the costa and joins the hind part of the exterior border; membrane blackish, with a whitish pellucid border. Length of the body 3 lines.

a. North China. Presented by J. C. Bowring, Esq.

62. Strachia velata.

Ochracea, ovata, sparse punctata, subtus pallide flava; capitis latera subreflexa; antennæ nigræ, corporis dimidio longiores, articulo 1o ochraceo; thorax maculis duabus anticis transversis et sex posticis elongatis cinereo-viridibus; scutellum apice pallide flavum, maculis duabus transversis anticis duabusque lanceolatis posticis cinereo-viridibus elongatis; pectus et venter vittis duabus viridibus guttularibus; pedes pallide virides, femoribus apice ochraceis, tibiis apice tarsisque fulvis; alæ anticæ striga subcostali maculisque tribus magnis cinereo-viridibus.

Orange, oval, shining, thinly punctured, pale yellow beneath. Head smooth; sides slightly reflexed; lobes of equal length. Rostrum pale yellow, extending to the hind coxæ; tip black. Antennæ black, a little more than half the length of the body; first joint orange, not extending to the front; second shorter than the third; fourth much longer than the third, as long as the fifth. Thorax with eight elongated cinereous-green spots; two transverse, on the fore border; the other six forming a band between the hind angles, which are much rounded. Scutellum, which is rather broad and extends beyond the angle of the corium, pale yellow towards the tip; four large elongated cinereous-green spots; two transverse, on the fore border; two lanceolate. Pectus and under side of abdomen with two rows of green dots. Legs pale green; tips of the femora ochraceous; tarsi and tips of the tibiæ tawny. Fore wings with a cinereous-green subcostal streak and with three large cinereous-green spots, the third joining the streak; membrane brown. Length of the body $4\frac{1}{2}$ lines.

Like *S. varia* in structure.

a—c. North Hindostan. Presented by W. W. Saunders, Esq.

63. Strachia subacta.

Pallide subtestaceo viridis, elliptica, aspere punctata; caput margine postico, vittis duabus abbreviatis capitatis liturisque duabus parvis nigris; thorax strigis quatuor anticis maculisque quatuor subquadratis posticis nigricantibus; scutellum maculis duabus anticis transversis subquadratis duabusque posticis lanceolatis nigricantibus; pectus et venter vittis quatuor macularibus nigricantibus; venter vitta intermedia e maculis tribus nigris; alæ anticæ rufæ, apud costam pallide testaceæ, striga subcostali maculisque tribus nigris.

Pale green, shining, elliptical, roughly punctured, with a slight testaceous tinge. Head with two black short capitate stripes on the hind part and with a little black mark on each side of the middle lobe; hind border black; sides very slightly reflexed; lobes of equal length. Rostrum pale testaceous, extending a little beyond the hind coxæ; tip black. Thorax with four blackish streaks on the fore border, and with four subquadrate blackish spots in a band between the hind angles, which are rounded.

Scutellum extending rather beyond the angle of the corium, somewhat broad at its tip; four blackish spots; two on the fore border, transverse, subquadrate; two elongate-triangular, much larger than the others. Pectus and under side of abdomen with two stripes of blackish spots on each side; the latter red at the base and with a middle stripe of three black spots. Legs rather stout. Fore wings red, pale testaceous along the costa, with a subcostal black streak and with three large black spots; membrane pale cinereous. Length of the body 3½ lines.

The antennæ in the specimen here described are mutilated. It is like *S. varia* in structure.

a. Ceylon. Presented by G. H. K. Thwaites, Esq.

64. Strachia pardalis.

Ochraceo-rufa aut lutea, lata, ovata, aspere punctata, subtus pallide flava aut alba; caput transverse striatum, margine postico maculis tribus maculaque antica elongata nigris; antennæ piceæ, basi rufæ, corporis dimidio longiores; thorax maculis duabus anticis transversis quatuorque posticis guttisque duabus nigris flavo aut albo marginatis; scutellum fascia arcuata vittaque rufis flavo variis aut albis; pectus e maculis nigris quadratis sexvittatum; venter maculis nigris quinque vittatus; alæ anticæ maculis tribus magnis strigaque lanceolata nigris.

Bright orange-red or luteous, broad, oval, shining, thinly and roughly punctured, pale yellow or white beneath. Head transversely and very finely striated, with three black spots, which are connected with the black line along the hind border; an elongated black spot on the middle lobe, which extends somewhat beyond the lateral lobes; sides slightly reflexed. Rostrum black towards the tip, extending to the hind coxæ. Antennæ piceous, more than half the length of the body; first and second joints bright red; first not extending to the front of the head; third bright red towards the base, nearly twice the length of the second; fourth a little longer than the third and a little shorter than the fifth. Thorax with six elongated black spots, which are partly bordered with pale yellow or wholly bordered with white; first and second spots transverse on the fore border; the other four near the hind border; a black dot on each hind angle, which is rounded; sides slightly reflexed, pale yellow or white in front. Scutellum broad and pale yellow or white at the tip; a curved red band, pale yellow on each side where it joins the fore border, sometimes wholly white; a slender red stripe, pale yellow towards the tip or wholly white. Pectus with six stripes of quadrate black spots. Abdomen above black, with pale yellow spots on the connexivum; under side with two rows of large black spots on each side, a black dot on the second segment, an abbreviated black band, which is excavated on the hind border on the third segment and another on the fourth, a large black spot on the fifth and a transverse smaller one on the sixth. Legs bright red, stout. Fore wings with three large black spots; a lanceolate black streak on the hind border; membrane brown, with a pellucid border. Length of the body 4—4½ lines.

a. Hindostan. Presented by J. C. Bowring, Esq.
b, c. Hong Kong. Presented by J. C. Bowring, Esq.
d. Siam. Presented by W. W. Saunders, Esq.
e. Burru. Presented by W. W. Saunders, Esq.

65. Strachia heterospila.

Ochracea, lata, crassa, nitens, aspere punctata, subtus pallide flava; caput nigro quadrimaculatum, lobo medio lobos laterales paullo superante; antennæ nigræ, articulo 3o basi 1o et 2o ochraceis; thorax maculis duabus anticis angustis et quatuor posticis magnis nigris; scutellum maculis duabus basalibus strigisque duabus latissimis posticis nigris; pectus et venter nigro maculata; alæ anticæ striga lata apice arcuata maculaque magna costali nigris, membrana nigra cinereo marginata.

Ochraceous, oval, broad, thick, shining, coarsely and thinly punctured, pale yellow beneath. Head with three black spots on the hind border, and with a black dot in front on the middle lobe; sides slightly reflexed; middle lobe extending a little beyond the lateral lobes. Rostrum black, ochraceous at the base, extending a little beyond the hind coxæ. Antennæ black, slender; first and second joints ochraceous; first not extending to the front of the head; third ochraceous at the base, very much longer than the second. Thorax with four large black spots on the hind border; space in front on each side smooth, pale yellow, including a narrow transverse black spot; angles much rounded. Scutellum with the intermediate black spots of the thorax continued on each side of the base, and with two very broad black streaks which converge hindward; tip broad, rounded. Pectus with two rows of black spots on each side. Abdomen beneath with two submarginal rows of black spots. Fore wings with a broad black streak extending along the hind border, and curved inward at the tip, and with a large black costal spot; membrane black, bordered with pale cinereous. Length of the body 4 lines.

a. Siam. Presented by W. W. Saunders, Esq.

66. Strachia inornata.

Nigra, nitens, vage et aspere punctata, subtus testacea; caput postice testaceo unimaculatum; thorax transverse sulcatus, maculis duabus lateralibus vittaque antice et postice dilatata testaceis; scutellum testaceo bimaculatum et univittatum; pectus et venter nigro bivittata; pedes nigri, femoribus basi testaceis; alæ anticæ gutta costali maculisque duabus discalibus testaceis.

Black, elliptical, smooth, shining, here and there coarsely punctured, testaceous beneath. Head with a large testaceous spot on the hind border; sides reflexed; lobes of equal length. Rostrum black, extending to the hind coxæ, testaceous at the base. Thorax with a well-defined transverse furrow, with a testaceous spot on the fore part of each side, and with a testaceous stripe which is dilated on the fore border and more so on the hind border; angles much rounded. Scutellum with a testaceous spot on each side, and with a testaceous stripe. Pectus and abdomen beneath with a broad black stripe on each side. Legs black, stout; femora towards the base and coxæ testaceous. Fore wings with a testaceous costal dot near the base, and with two testaceous spots in the disk; first spot antemedial; second postmedial, larger than the first; membrane cinereous. Length of the body 3½ lines.

Like *S. alienata* in structure.

a. Hindostan. Presented by J. C. Bowring, Esq.

67. Strachia afflicta.

Obscure viridis, lata, nitens, aspere punctata, subtus fulva; caput latum, fulvo submarginatum; antennæ nigræ, basi fulvæ; scutellum longum, apice latiusculum; pedes fulvi, validi, tibiis setulosis; alæ anticæ membrana fuscescente.

Dark green, broad, elliptical, shining, thinly and roughly punctured, tawny beneath. Head broad, partly tawny along the borders; sides reflexed; lobes of equal length. Rostrum tawny, extending to the hind coxæ. Antennæ black, slender; first and second joints tawny; first extending almost to the front of the head; second much shorter than the third, which is tawny at the base. Thorax with slightly reflexed sides; fore angles slightly acute; hind angles much rounded. Scutellum long, rounded and rather broad at the tip. Abdomen above tawny. Legs tawny, rather stout; tibiæ setulose, furrowed. Fore wings with a brownish membrane. Hind wings cinereous. Length of the body 7 lines.

It forms a section in the genus, and is most allied to *S. splendida* in structure.

a. Hindostan. From Mr. Stevens' collection.

Australasia.

68. Strachia pulchra, *C. H.* 258.

a. Java. Presented by M. Serville.
b—e. Java. From Mr. Children's collection.

69. Strachia crucigera, *C. H.* 262.

a. Java. Presented by M. Guérin Méneville.
b. Java. Presented by M. Percheron.
c—e. From Mr. Melly's collection.
f. Java. From the East India Company's collection.
g. Java. From Mr. Argent's collection.
h. Java. Presented by J. C. Bowring, Esq.
i. ———? Presented by W. W. Saunders, Esq.

70. Strachia bicolor, *C. H.* 262.

a. Philippine Isles. From Mr. Cuming's collection.

71. Strachia tetragona.

Ochraceo-rufa, longi-ovata, pubescens, aspere punctata, subtus lutea aut flava; caput nigrum, strigis duabus guttaque postica ochraceo-rufis; antennæ nigræ, corporis dimidio non longiores; thorax maculis quatuor nigris subquadratis; scutellum macula basali strigam lanceolatam ochraceo rufam includente lateribusque nigris; pectus nigro sexplagiatum; venter fasciis quinque nigris utrinque attenuatis, nonnunquam interruptis; pedes nigri, basi ochraceo-rufi; alæ anticæ vitta costali ochraceo-rufa.

Orange-red, elongate-oval, pubescent, shining, roughly punctured, luteous beneath. Head black, elongate, with an orange-red streak on each

side in front of the eye, and with a dot of the same hue on the hind border; sides slightly reflexed; lobes of equal length; under side orange-red, with a black marginal stripe on each side. Rostrum black, extending rather beyond the hind coxæ. Antennæ black, about half the length of the body; joints successively increasing in length; first not extending to the front of the head. Thorax with four subquadrate black spots, two on the fore border and two between the hind angles, which are much rounded; the two hinder spots are sometimes obsolete. Scutellum extending beyond the angle of the corium, black along each side, and with a large basal black spot, which includes a lanceolate orange-red streak. Pectus with three large black patches on each side. Abdomen beneath with five black bands, which are attenuated on each side in the disk, and are dilated in the middle, and the more so towards the tip. Legs black, stout, pubescent; femora at the base and coxæ ochraceous-red. Fore wings black; corium with an orange-red costal stripe; membrane with a cinereous border. *Var.* β.—Head with a broader streak on each side, and with the dot on the hind border prolonged into a streak. *Var.* γ.—Body yellow beneath. *Var.* δ.—Ventral bands interrupted on each side. Length of the body 4½—5 lines.

Much like the European *Strachiæ* in structure.

a. Celebes. Presented by W. W. Saunders, Esq.
b. Celebes. From Madame Ida Pfeiffer's collection.
c. Batchian. Presented by W. W. Saunders, Esq.
d. Banda. From Mr. Wallace's collection.
e. Gilolo. Presented by W. W. Saunders, Esq.

72. Strachia aspersa.

Lutea, fusiformis, pubescens, aspere punctata, subtus pallide lutea; caput nigrum, luteo tristrigatum; antennæ nigræ, corporis dimidio breviores; thorax rufo varius, plagis quatuor punctisque nigris; scutellum apicem versus rufum, vittis duabus marginalibus strigisque duabus intermediis lanceolatis nigris; pectus et venter maculis nigris quadrivittata; pedes nigri, basi pallide lutei; alæ anticæ vitta costali rufa nigro varia.

Luteous, fusiform, pubescent, shining, roughly punctured, pale luteous beneath. Head elongate, black above, with a luteous streak extending from the hind border and with one on each side in front; sides slightly reflexed; lobes of equal length. Rostrum pale luteous, black towards the tip, extending a little beyond the hind coxæ. Antennæ black, rather less then half the length of the body; joints successively increasing in length: first joint not extending to the front. Thorax more or less red in the middle of the disk, with four very irregular black patches, two in front and two on the hind border; punctures black; hind angles much rounded. Scutellum with two irregular black marginal stripes and with two intermediate lanceolate black streaks proceeding from the base and varying in length; hind part mostly red, rather flat. Pectus and under side of abdomen with two stripes of black spots, and with two intermediate stripes of black dots. Abdomen beneath with a middle stripe composed of two lines of black dots; these lines are more or less united towards the tip. Legs black; coxæ and femora pale luteous, the latter black towards the tips. Fore wings black,

with a costal red black-varied stripe; membrane blackish brown. Length of the body $4\frac{1}{3}$ lines.

Very nearly allied to the preceding species.

a, b. Ceram. Presented by W. W. Saunders, Esq.

73. Strachia securigera.

Ochracea, nitens, aspere punctata, subtus pallide flava; caput transverse striatum, postice nigrum; antennæ nigræ, basi luteæ; thorax fasciis duabus nigris abbreviatis, 1o callos duos pallide flavos includente; scutellum nigrum, apice flavo marginatum, litura lata cyathiformi maxima; pectus et venter maculis nigris vittata; alæ anticæ vittis duabus nigris, 1a excavata, 2a apud medium coarctata.

Ochraceous, oval, shining, roughly and thinly punctured, pale yellow beneath. Head transversely and finely striated, irregularly black along the hind border; sides slightly reflexed; middle lobe hardly extending beyond the lateral lobes. Rostrum black towards the tip, extending rather beyond the hind coxæ. Antennæ black, slender, full half the length of the body; joints from the first to the fourth successively increasing in length; first luteous, extending to the front of the head; fifth a little shorter than the fourth. Thorax reflexed on each side along the fore border, with two abbreviated black bands; fore band containing a pale yellow callus on each side; hind band slightly interrupted, occasionally thrice interrupted; hind angles rounded. Scutellum black, with a luteous transverse very large cyathiform mark; tip rather broad, bordered with pale yellow. Pectus and under side of abdomen with four stripes of transverse black spots, the latter with a middle stripe of large black spots. Legs stout; tibiæ towards the tips and tarsi piceous. Fore wings with two black stripes; first stripe subcostal, excavated on the inner side, commencing at one-sixth of the length and extending nearly to the tip, contiguous to the second at its base; second much contracted in the middle, commencing very near the base, not extending beyond the angle of the corium; membrane blackish. Length of the body 4—$4\frac{1}{2}$ lines,

Like *S. velata* in structure.

a. Mysol. Presented by W. W. Saunders, Esq.
b—e. Birmah. From Mrs. Wallace's collection.

74. Strachia partita.

Ochracea, longi-ovata, aspere punctata; caput postice nigrum, lobis lateralibus contiguis lobum medium superantibus; antennæ nigræ, corporis dimidio longiores, articulis 1o et 2o ochraceis; thorax fasciis duabus nigris subconnexis, 2a latissima abbreviata; scutellum vittis duabus nigris, postice connexis, lateribus apiceque pallide flavis; pectus nigrum, segmentis flavo pallido marginatis; venter segmentorum marginibus et connexivo viridibus; alæ anticæ vittis duabus nigris clavatis, 1a subcostali lineam ochraceam includente, membrana alisque posticis nigricantibus.

Ochraceous, elongate-oval, thinly and roughly punctured. Head shining in front; a black band on the hind border; sides reflexed; lateral

lobes conniving beyond the middle lobe. Eyes prominent. Rostrum extending a little beyond the hind coxæ; tip black. Antennæ black, a little more than half the length of the body; first and second joints ochraceous; first extending almost to the front of the head; second a little shorter than the third; third much shorter than the fourth; fifth rather shorter than the fourth. Thorax with two black bands, which are slightly connected in the middle; hind band abbreviated, more than twice the breadth of the other one; hind angles rounded. Scutellum with two black lateral stripes, which are united near the tip; sides and tip pale yellow. Pectus and abdomen black. Pectus with a slight keel, and with the borders of the segments pale yellow. Connexivum and hind borders of the ventral segments pale green. Legs ochraceous; tibiæ furrowed. Fore wings with two clavate black stripes; the first subcostal, including an ochraceous line; some intermediate black speckles; membrane and hind wings blackish. Length of the body $4\frac{1}{2}$ lines.

Much like *S. securigera* in structure.

a. New Guinea. Presented by W. W. Saunders, Esq.

75. Strachia subcostalis.

Nigra, nitens, aspere punctata; caput ochraceum, postice nigrum; antennæ nigræ, basi ochraceæ, corporis dimidio longiores; thorax callis duobus anticis, linea transversa vittaque postica flavis, plagis duabus posticis ochraceis; scutellum macula nigra basali trigona maxima strigam lanceolatam emittente; segmenta ventralia flavo marginata, pedes ochracei; tibiis apice tarsisque piceis; alæ anticæ margine, striga subflexa atomisque ochraceis.

Black, oval, shining, thinly and roughly punctured. Head ochraceous, irregularly black along the hind border; sides slightly reflexed; lobes of equal length. Rostrum black, extending to the hind coxæ. Antennæ black, a little more than half the length of the body; first and second joints ochraceous; first extending nearly to the front of the head; second much shorter than the third; fourth much longer than the third, rather longer than the fifth. Thorax with an irregular yellow stripe, extending from the hind border to an irregular transverse yellow line, in front of which there is a transverse elongated yellow callus on each side; a large ochraceous patch on each hind angle, which is rounded; sides and fore border yellow, slightly reflexed. Scutellum with a very large triangular ochraceous spot joining the fore border, and emitting a lanceolate streak towards the tip. Abdomen beneath with an irregular yellow band on the hind border of each segment. Legs ochraceous; tibiæ towards the tip and tarsi piceous; tibiæ furrowed. Corium of the fore wings bordered with ochraceous along the costa and along the hind border, and more broadly with ochraceous along the exterior border; an ochraceous slightly bent streak proceeding from the exterior border to the disk, where there are some ochraceous speckles; membrane black. Length of the body 4 lines.

The markings of this species distinguish it from *S. securigera*, with which it agrees in structure.

a. New Guinea. Presented by W. W. Saunders, Esq.

76. Strachia semiviridis.

Pallide lutea, longi-elliptica, aspere punctata; caput longiusculum; antennæ piceæ, basi luteæ, corporis dimidio non longiores; thorax transverse subimpressus, callis duobus anterioribus, spatio postico pallide viridi; scutellum apice attenuatum, lateribus nigro punctatis; alæ anticæ vittis duabus nigris abbreviatis, 1a subcostali lineam longitudinalem pallide luteam includente.

Pale luteous, elongate-elliptical, shining, thinly and roughly punctured. Head elongate; sides slightly reflexed; lobes of equal length. Rostrum extending to the hind coxæ; tip black. Antennæ piceous, about half the length of the body; first, second and third joints luteous; first extending to the front of the head; second shorter than the third; third much shorter than the fourth; fifth a little shorter than the fourth. Thorax with a slight transverse impression, in front of which there is a callus on each side; hind part tinged with pale green; hind angles much rounded. Scutellum with black punctures on each side; these are most frequent towards the tip, which is very narrow. Legs moderately long and slender; femora pale green towards the base. Fore wings with two abbreviated black stripes; the first subcostal, subclavate, intersected by a longitudinal pale luteous line; the second widening to two-thirds of the length and then decreasing in breadth to its tip; membrane pale cinereous. Length of the body $4\frac{1}{2}$ lines.

Much like *S. velata* in structure. It may be distinguished from the other species of this group by its narrower body.

a. New Guinea. From Mr. Wallace's collection.

77. Strachia polyspila.

Pallide lutea, lata, scite punctata, subtus pallide flava; caput margine postico guttisque duabus nigris, lobo medio lobos laterales perpaullo superante; antennæ piceæ, corporis dimidio non longiores, articulo 1o pallide flavo; thorax maculis octo nigricantibus exparte viridibus; scutellum viridi quadrimaculatum; pectus et venter maculis ferrugineis univittata maculisque viridibus sexvittata; alæ anticæ viridi trimaculatæ, membrana pellucida.

Pale luteous, oval, broad, minutely punctured, pale yellow beneath. Head irregularly black along the hind border; a black dot on each side between the eyes; sides slightly reflexed; middle lobe extending very little beyond the lateral lobes. Rostrum extending to the hind coxæ; tip black. Antennæ piceous, slender, about half the length of the body; first joint pale yellow, not extending to the front of the head; second much shorter than the third; fourth much longer than the third, a little longer than the fifth. Thorax with eight blackish partly green spots, four on the fore border, the other four before the hind angles, which are rounded. Scutellum with two transverse green spots at the base and with an elongated green spot on each side of the disk. Pectus and under side of abdomen with six stripes of irregular geeen spots and with an intermediate stripe of ferruginous spots. Legs moderately long and slender; femora mostly pale green. Fore wings with three green spots, one antemedial and two

postmedial; membrane and hind wings pellucid. Length of the body 5 lines.

Like *S. partita* and *S. semiviridis* in structure.

a. Celebes. Presented by W. W. Saunders, Esq.

78. Strachia platyspila.

Prasina, lata, ovata, nitens, aspere punctata; caput ochraceo-viride, transverse striatum, maculis tribus posticis nigris, lobo medio lobos laterales paullo superante; thorax plagis duabus apud angulos posticos unaque antica ochraceis, maculis duabus anticis transversis quatuorque posticis nigris magnis; scutellum maculis duabus anticis transversis magnis duabusque posticis elongatis maximis nigris; pectus et venter e maculis nigris quinque-vittata; femora nigro guttata; alæ anticæ maculis tribus nigris maximis, dimidio apiculi ochraceo.

Grass-green, broad, oval, shining, thinly and roughly punctured. Head slightly ochraceous-tinged, transversely and finely striated on each side; three black spots on the hind border, the middle one much larger than the other two; sides slightly reflexed; middle lobe extending a little beyond the lateral lobes. Rostrum black, green at the base, extending to the hind coxæ. Thorax with an ochraceous patch on the fore part of the disk and one on each hind angle; six elongated black spots; two transverse, in front; four between the hind angles, which are much rounded. Scutellum with two large transverse black spots on the fore border, and with two posterior elongated much larger black spots, which are nearly contiguous; tip rather broad. Pectus and under side of abdomen with five stripes of large black spots. Legs moderately long and slender; femora with some black dots. Fore wings with three very large black spots; apical half of the corium ochraceous; membrane blackish, with a broad pellucid border. Length of the body $4\frac{1}{2}$ lines.

Very nearly allied to *S. pardalis*.

a. Penang. Presented by J. C. Bowring, Esq.

79. Strachia pentaspila.

Nigra, nitens, caput pallide luteum, transverse substriatum, lobo medio lobos laterales perpaullo superante; antennæ nigræ, corporis dimidio non longiores, basi ochraceæ; thorax subpunctatus, maculis duabus ochraceis lateralibus maximis; scutellum fascia ochracea semicirculari antemedia; venter piceus, segmentorum marginibus posticis et connexivo viridibus; pedes validi, femoribus apice tibiisque basi rufis; alæ anticæ macula discali elongata pallide lutea, membrana nigricante.

Black, oval, shining. Head smooth, pale luteous, transversely and very slightly striated on each side; sides hardly reflexed; middle lobe extending very little beyond the lateral lobes. Rostrum piceous, pale luteous towards the base, extending to the hind coxæ. Antennæ black, slender, about half the length of the body; first joint ochraceous, extending nearly to the front of the head; second ochraceous at the base, very much shorter than the third; fourth a little longer than the third, a little shorter

than the fifth. Thorax roughly and very thinly punctured; a large ochraceous spot on each side including the hind angle, which is rounded. Scutellum thinly punctured, with a semicircular ochraceous band near the base. Pectus black. Abdomen beneath piceous; hind borders of the segments on each side and connexivum green. Legs stout; coxæ pale luteous; femora red towards the tips, the red hue most prevalent in the fore femora; tibiæ furrowed, red at the base. Fore wings with an elongated pale luteous spot in the disk; membrane blackish. Length of the body 4 lines.

It agrees in general structure with *S. pardalis*, but forms a distinct section in the genus.

a. New Guinea. From Mr. Wallace's collection.

The eight following species belong to one group, which seems to represent the American group that has been named *Arocera*.

80. Strachia frontalis.

Purpurea aut purpureo-nigra, scite punctata, subtus pallide flavum; caput et thorax læte rufa; caput strigis quatuor fasciaque postica abbreviata purpureis; rostrum pallide flavum, basi rufum; antennæ nigræ, gracillimæ, corporis dimidio longiores, articulo 1o rufo, 2o flavo; thorax antice flavo varius, maculis duabus purpureis magnis subquadratis; scutellum apice testaceo pallido marginatum; pectus purpureo decem-maculatum; venter purpureo sex-fasciatum; pedes purpurei, femoribus pallide flavis purpureo fasciatis.

Purple or purplish black, elliptical, thickly and finely punctured. Head and thorax bright red. Head small, with an abbreviated purple band on the hind border; this band emits two lanceolate purple streaks in a line with two other purple streaks on the fore part of the head; lobes of equal length; sides hardly reflexed. Rostrum pale yellow, extending to the hind coxæ; first joint red. Antennæ black, very slender, a little more than half the length of the body; first joint red, not extending to the front of the head; second yellow, very much longer than the third; fourth as long as the second; fifth a little shorter than the fourth. Thorax varied with pale yellow in front; a large subquadrate purple spot on each side of the disk; sides slightly reflexed, rounded in front; hind angles much rounded. Scutellum extending a little beyond the angle of the corium, bordered with pale testaceous at its tip, its hind part with a very slight keel. Pectus, connexivum and under side of abdomen pale yellow. Pectus with five purple spots on each side, two on the prosternum, four on the mesosternum and four on the metasternum. Abdomen beneath with six purple bands, of which the first, second, third and fourth are interrupted in the middle. Legs rather long; coxæ and femora pale yellow, the latter with an irregular purple band near the tip; tibiæ furrowed. Length of the body 7½ lines.

a. Batchian. Presented by W. W. Saunders, Esq.
b. Batchian. From Mr. Wallace's collection.

Var. β.—Thorax more completely pale yellow in front; the purple spots very small or quite wanting.

c, d. Kaisaa. Presented by W. W. Saunders, Esq.

Var. γ.—The purple spots of the thorax connected and forming a large patch.

e. Batchian. Presented by W. W. Saunders, Esq.

81. Strachia erythromela.

Ochraceo-rufa, subelliptica, aspere punctata, subtus pallide lutea ; caput pallide luteum, postice cyaneum ; antennæ nigræ, corporis dimidio breviores, basi pallide luteæ ; thorax antice pallide luteus ; scutellum purpureo bimaculatum, fascia angulari liturisque duabus pallide luteis ; pectus ochraceo transverse strigatum ; segmenta ventralia purpureo interrupta fasciata ; pedes purpurei, basi pallide lutei ; membrana nigra.

Orange-red, shining, nearly elliptical, somewhat roughly punctured, pale luteous beneath. Head pale luteous, irregularly blue along the hind border; sides not reflexed; lobes of equal length. Rostrum pale luteous, extending to the hind coxæ. Antennæ black, slender, a little less than half the length of the body; first joint pale luteous, not extending to the front of the head; second luteous beneath, very much longer than the third; fourth much longer than the third, a little longer than the fifth. Thorax pale luteous in front, where there is a large callus on each side; sides reflexed. Scutellum with a purple spot on each angle at the base, contiguous to a pale luteous angular band, beyond which there is a pale luteous mark on each side. Pectus with three transverse ochraceous streaks on each side. Abdomen beneath with six broad purple bands; four interrupted, the fifth entire, the sixth apical. Legs purple; femora pale luteous towards the base; tibiæ furrowed; tarsi black, tawny beneath. Membrane of the fore wings black. Length of the body 7 lines.

a. Kaisaa. Presented by W. W. Saunders, Esq.

82. Strachia præcipua.

Læte rufa, lata, ovata, scite punctata, subtus pallide testacea ; caput transverse striatum ; antennæ nigræ, gracillimæ, corporis dimidio paullo longiores, articulo 1o rufo ; thorax callis duobus anticis magnis pallide testaceis, angulis posticis acutis ; scutellum maculis duabus anticis nigricantibus, guttis duabus exterioribus nigris, striga postmedia nigricante, apice testaceo ; abdomen dorso, fasciis tribus ventralibus late interruptis, maculis tribus subapicalibus unaque apicali nigris ; femora nigricante uniguttata ; alæ anticæ macula postmedia nigra.

Bright red, broad, oval, thickly and minutely punctured, pale testaceous beneath. Head transversely striated; sides hardly reflexed; lateral lobes hardly extending beyond the middle lobe. Rostrum testaceous, red towards the base, extending to the hind coxæ. Antennæ black, very slender, a little more than half the length of the body; first joint red, not extending to the front of the head; second much longer than the third; fourth much longer than the third and than the fifth. Thorax with a large pale testaceous callus on each side in front; sides reflexed in front; hind angles acute. Scutellum with two large blackish spots and with two exterior black dots on the fore border, and with a blackish streak beyond

the middle; testaceous at the tip and slightly testaceous on each side. Abdomen black above; under side with four broad transverse black streaks on each side, with three black subapical spots and with a black apical spot. Legs testaceous, slightly tinged with red, rather long and slender; a blackish dot on each of the femora; tibiæ furrowed. Fore wings with an elongated black spot in the disk beyond the middle; membrane and hind wings black. Length of the body 7 lines.

a. Batchian. Presented by W. W. Saunders, Esq.

83. Strachia pyrophila.

Læte ochraceo-rufa, nitens, aspere punctata; caput cyaneo bimaculatum, lateribus vix reflexis, lobis lateralibus lobum medium vix superantibus; rostrum luteum, basi rufum; antennæ nigræ, corporis dimidio longiores, articulo 1o rufo, 2o luteo nigricante lineato; thorax antice glaber; scutellum antice nigro marginatum; pectoris latera nigro strigata; venter albidus, fasciis quinque latis maculaque subapicali purpureis; alæ anticæ membrana nigricante.

Bright orange-red, shining, elongate-oval, rather roughly punctured. Head with two irregularly triangular blue spots on the hind border; sides hardly reflexed; lateral lobes hardly extending beyond the middle lobe. Rostrum luteous, extending to the hind coxæ; first joint bright red. Antennæ black, much more than half the length of the body; first joint red, not extending to the front of the head; second luteous, about thrice the length of the third, with a blackish line on the outer side; fourth a little more than twice the length of the third; fifth longer than the fourth. Thorax with a large smooth space on each side in front of the slight transverse furrow; sides reflexed in front; angles rounded. Scutellum not extending beyond the angle of the corium, with a very slight longitudinal keel and with a semi-elliptical black band on the fore border. Prosternum, mesosternum and metasternum with a black streak on each side. Abdomen beneath whitish, with five broad purple bands and with a purple subapical spot. Legs slender; tibiæ furrowed; tarsi testaceous. Fore wings with a blackish membrane. Length of the body 6 lines.

Very closely allied to the preceding species.

a. Batchian. Presented by W. W. Saunders, Esq.

84. Strachia reciproca.

Nigro-cyanea, nitens, purpureo varia, aspere punctata; caput ochraceo-rufum, margine postico nigro-purpureo, lobo medio apicem versus liturisque nonnullis pallide testaceis; antennæ nigræ, corporis dimidio longiores, articulo 1o subtus luteo; thorax margine antico, lateribus fasciaque ochraceis; scutellum disco ochraceo, apice albido; pectus albido transverse strigatum; venter disco, margine fasciisque albidis; pedes rufo-ochracei, femoribus basi albidis, tibiis supra nigro-cyaneis, femoribus posticis nigro-cyaneo unimaculatis; alæ anticæ basi maculaque marginali magna trigona ochraceis, membrana fusca.

Blackish blue, elliptical, shining, roughly punctured, tinged with purple. Head ochraceous-red, with an irregular blackish purple band along the hind border, and with some pale testaceous marks between the

eyes; lobes of equal length; middle lobe pale testaceous towards the tip; sides slightly reflexed. Rostrum pale testaceous, extending a little beyond the hind coxæ. Antennæ black, slender, a little more than half the length of the body; first joint luteous beneath, not extending to the front of the head; second nearly twice the length of the third; fourth much longer than the third; fifth longer than the fourth. Thorax ochraceous along the fore border and more broadly ochraceous on each side, with an ochraceous band in front, on which there is an oblique livid callus on each side; sides reflexed; angles slightly rounded. Scutellum not extending beyond the angle of the corium; disk ochraceous; tip whitish. Pectus with whitish transverse streaks on each side. Abdomen beneath with a whitish disk, with whitish borders and with a slender whitish band on the hind border of each segment. Legs reddish ochraceous; femora towards the base and coxæ whitish; tibiæ furrowed, mostly blackish blue above, as are also the tarsi; hind femora with a blackish blue spot beyond the middle. Fore wings ochraceous at the base and with a large triangular ochraceous spot on the exterior border; membrane brown. Length of the body 7 lines.

a. New Guinea. Presented by W. W. Saunders, Esq.
b. New Guinea. From Mr. Wallace's collection.

85. Strachia megaspila.

Pallide lutea, longi-elliptica, aspere punctata; caput subproductum, postice cyaneum; antennæ nigræ, corporis dimidio breviores, basi pallide luteæ; thorax fasciis duabus abbreviatis purpureo-cyaneis; scutellum fascia postmedia purpurea latissima subinterrupta; pectoris latera purpureo transverse strigata; femora purpureo unimaculata; tibiæ supra purpureæ; alæ anticæ purpureæ, macula marginali ochracea magna trigona.

Pale luteous, shining, elongate-elliptical, roughly punctured, paler beneath. Head slightly elongated, irregularly blue along the hind border; sides not reflexed; lobes of equal length; middle lobe smooth. Eyes prominent. Rostrum stout, extending a little beyond the hind coxæ. Antennæ black, slender, a little less than half the length of the body; first joint pale luteous, not extending to the front of the head; second piceous, tawny beneath, very much longer than the third; fourth as long as the second. Thorax with two purplish blue abbreviated bands; second extremely broad, joining the hind border, slightly interrupted by a luteous line; sides slightly reflexed; hind angles rounded. Scutellum extending to the angle of the corium, paler at the tip, with a very slight forked keel, and with a purple very broad slightly interrupted band beyond the middle. Pectus with transverse purple streaks on each side. Legs stout; femora with an irregular purple spot beyond the middle; tibiæ keeled, purple above. Fore wings purple, with a large triangular ochraceous spot on the exterior border; membrane black, with a whitish pellucid border. Length of the body 6½ lines.

This may be a mere variety of *S. reciproca*.

a. Mysol. Presented by W. W. Saunders, Esq.

86. Strachia hamata.

Pallide lutea, nitens, aspere punctata; caput strigis duabus anticis fasciaque postica cyaneis; antennæ nigræ, graciles, corporis dimidio non longiores, articulo 1o pallide luteo, 2o piceo subtus pallide luteo, 4o basi pallide luteo; thorax maculis duabus cyaneis transversis subquadratis; scutellum purpureo-cyaneum; pectus purpureo-cyaneo octoguttatum; venter e maculis purpureo-cyaneis quadrivittatus; femora cyaneo unimaculata; tibiæ supra cyaneæ; alæ anticæ purpureo-cyaneæ, litura rufa hamata. Var. *β.*—*Alæ anticæ vitta cruciata pallide lutea.*

Pale luteous, elliptical, shining, roughly punctured. Head with an irregular blue band on the hind border and with a little blue streak on each of the lateral lobes; sides hardly reflexed; lobes of equal length; middle lobe mostly smooth. Eyes prominent. Rostrum extending a little beyond the hind coxæ. Antennæ black, slender, about half the length of the body; first joint pale luteous, not extending to the front of the head; second piceous, pale luteous beneath, much shorter than the third; fourth pale luteous at the base, a little longer than the third and than the fifth. Thorax with a transverse blue subquadrate spot on each side of the disk; sides slightly reflexed; hind angles rounded. Scutellum purplish blue, extending to the angle of the corium. Pectus with four bluish purple spots on each side. Abdomen beneath with four rows of bluish purple spots. Legs stout; femora with a blue spot beyond the middle; tibiæ blue and furrowed above. Fore wings purplish blue, with a broad red reflexed streak in the disk; membrane black. *Var. β.*—Scutellum with a cruciform pale luteous stripe. Length of the body 7 lines.

a, *b*. New Guinea. Presented by W. W. Saunders, Esq.

87. Strachia saturata.

Fulva, lata, aspere punctata; caput apud marginem posticum viridi-nigrum, lateribus vix reflexis; antennæ nigræ, graciles, corporis dimidio non longiores, articulo 1o fulvo, 2o apice fulvo, 3o fulvo apice nigro, 4o basi fulvo; thorax maculis duabus lateralibus maximis viridi-nigris, spatio postico rufescente; scutellum basi vittisque duabus lanceolatis viridi-nigris; pectus subcarinatum; abdomen dorso nigro, fasciis quatuor ventralibus late interruptis maculisque duabus subapicalibus viridi-nigris; alæ anticæ margine postico vittaque subcostali viridi-nigris, membrana nigricante.

Tawny, broad, elliptical, roughly punctured. Head irregularly greenish black along the hind border; sides very slightly reflexed; lobes of equal length. Rostrum extending to the hind coxæ. Antennæ black, slender, about half the length of the body; first joint tawny, not extending to the front of the head; second very much longer than the third, tawny towards the tip; third tawny, black towards the tip; fourth much longer than the third, tawny at the base; fifth a little shorter than the fourth. Thorax with two very large greenish black spots, which are nearly contiguous; a large anterior callus on each side; sides slightly reflexed; space along the hind border reddish. Scutellum greenish black at the base, with two lanceolate greenish black stripes which extend to

three-fourths of the length. Pectus slightly keeled. Abdomen black above; under side with four widely interrupted greenish black bands, and with a subapical greenish black spot on each side; tip black. Legs rather long and slender. Fore wings reddish, greenish black along the hind border, and a greenish black subcostal stripe which widens outward and does not extend to the tip; membrane blackish. Length of the body 6 lines.

a. Ceram. From Madame Ida Pfeiffer's collection.

88. Strachia insignata.

Purpureo, longi-elliptica, nitens, aspere punctata, subtus pallide flava; caput breve, transverse striatum, lobis lateralibus apice contiguis lobum medium superantibus; thorax sulco transverso, callis duobus, margine antico lateribusque pallide flavis vitta latissima ochracea; scutellum ochraceum, macula nigra magna conica subfissa; pectus nigro transverse strigatum; venter vittis duabus macularibus nigris; pedes nigri, femoribus pallide flavis apices versus nigris flavo strigatis; alæ anticæ vitta costali strigam lanceolatam emittente plagaque apicali magna ochraceis.

Purple, elongate-elliptical, shining, roughly punctured, pale yellow beneath. Head short, transversely and minutely striated; sides reflexed; lateral lobes conniving beyond the middle lobe. Rostrum black, extending to the hind coxæ. Antennæ black, more than half the length of the body; first joint extending to the front of the head; second much shorter than the third, which is shorter than the fourth. Thorax with a very broad ochraceous stripe; a transverse middle furrow with a pale yellow callus at each end; sides and fore border pale yellow, slightly reflexed; hind angles rounded. Scutellum ochraceous, extending a little beyond the angle of the corium, with a large conical black spot, of which the hind end is slightly cleft. Pectus with transverse black streaks on each side. Abdomen beneath with a row of black spots on each side. Legs black; coxæ and femora pale yellow, the latter black and streaked with yellow towards the tips; tibiæ furrowed, striped with yellow. Fore wings with an ochraceous costal stripe, which extends along nearly half the length of the corium from the base, and then emits a lanceolate streak towards a large ochraceous apical patch; membrane blue, with a whitish pellucid border. Length of the body 5 lines.

Like *S. crucigera* in structure.

a. Celebes. Presented by W. W. Saunders, Esq.

89. Strachia marginalis.

Pallide lutea, elliptica, glabra; caput transverse striatum, postice cyaneum et purpureum; antennæ nigræ, basi cyaneæ; thorax transverse sulcatus, plagis duabus anticis luteo unimaculatis plagisque duabus posticis cyaneo-purpureis, litura antica ochracea furcata; pectoris segmenta cyaneo marginata; venter flavus, maculis cyaneis subquadratis bivittatus; femora flava, cyaneo strigata; tibiæ cyaneæ; alæ anticæ macula costali oblonga cyanea, striga postica purpurea.

Pale luteous, elliptical, shining, mostly smooth. Head with a few punctures, blue and purple about the hind border, transversely and very minutely striated in front; lateral lobes reflexed on each side, conniving beyond the middle lobe. Eyes rather prominent. Rostrum black, pale yellow towards the base, extending nearly to the hind coxæ. Antennæ black, a little more than half the length of the body; first joint blue, extending nearly to the front of the head; second a little more than half the length of the third; fourth a little longer than the third. Thorax with a transverse punctured furrow across the middle, and with a rectangular furrow on each side in front; two purple partly blue patches on each side, each of those in front including a luteous spot; a forked ochraceous mark in front; sides reflexed in front; hind angles rounded. Scutellum roughly and thinly punctured on the hind half, which is less convex than the fore half. Segments of the pectus bordered with blue. Abdomen ochraceous, yellow beneath, where there is a row of subquadrate blue spots on each side. Legs pale yellow, stout; femora streaked with blue; tibiæ blue, furrowed; tarsi black. Fore wings with a blue oblong costal spot and with a purple streak near the hind border; membrane blackish blue, with a pellucid whitish border. Length of the body 6 lines.

Perhaps a variety of the preceding species.

a. Celebes. Presented by W. W. Saunders, Esq.

90. Strachia strangulata.

Æneo-nigra, longi-elliptica, nitens, aspere punctata; caput glabrum, lobis lateralibus apice contiguis lobum medium superantibus; antennæ nigræ, corporis dimidio longiores, articulo 1o lato; thorax antice coarctatus, sulco transverso, vitta pallide flava antice dilatata, margine antico lateribusque pallide testaceis; scutellum vitta pallide flava postice abbreviata, plagis quatuor rufis; pectus apud coxas albidum; venter vittis duabus flavis indeterminatis; pedes longi, femoribus subincrassatis; alæ anticæ striga alba transversa subapicali, membrana nigra albido marginata.

Æneous-black, elongate-elliptical, shining, thinly and roughly punctured. Head smooth; sides slightly reflexed; lateral lobes conniving beyond the middle lobe. Eyes prominent. Rostrum black, extending to the hind coxæ. Antennæ black, more than half the length of the body; first joint broad, extending to the front of the head; second as long as the third; fourth longer than the third; fifth shorter than the fourth. Thorax much narrower in front of the transverse furrow, with a pale yellow stripe, which is broadest on the fore border; a nearly round callus on each side in front; sides and fore border pale testaceous, slightly reflexed. Scutellum with a pale yellow stripe, which is abbreviated hindward and has a red patch at each side of it at its base and at its tip. Pectus whitish about the coxæ. Abdomen beneath with an irregular yellow stripe on each side. Legs long; femora slightly incrassated. Fore wings with a white transverse streak joining the exterior border near the angle of the corium; membrane black, with a whitish pellucid border. Length of the body $4\frac{1}{2}$ lines.

Very nearly allied to *S. bicolor*.

a, *b*. Penang. Presented by J. C. Bowring, Esq.

91. Strachia calliphoroides.

Purpurea, elliptica, glabra, nitens; caput breve, lobis lateralibus apice contiguis lobum medium superantibus; antennæ nigræ, corporis dimidio breviores; thorax valde convexus, sulco transverso optime determinato; scutellum callo maximo læte rufo, apicem versus depressum; pedes nigri, longi, graciles, basi albidi; alæ anticæ punctatæ, striga subapicali alba transversa, membrana nigro-cyanea albido marginata.

Purple, elliptical, smooth, shining, slightly varied with blue. Head short; sides slightly reflexed; lateral lobes conniving beyond the middle lobe. Eyes very prominent. Rostrum black, testaceous towards the base, extending to the hind coxæ. Antennæ black, slender, a little shorter than the body; joints from the first to the fourth successively increasing in length; first extending to the front of the head; fifth rather shorter than the fourth. Thorax very convex, with a punctured strongly marked transverse furrow. Scutellum with a bright red very large and convex callus, which occupies much more than half the surface; apical part flat, not extending beyond the angle of the corium. Abdomen beneath bright red. Legs black, long, slender; femora at the base and coxæ whitish; tibiæ furrowed. Fore wings minutely punctured, with a white transverse streak opposite the hind angle of the corium; membrane blackish blue, with a whitish pellucid border. Length of the body 3 lines.

This and the three following species form a distinct group, which is most allied to the group of *S. bicolor*, but differs much from the European form of this genus.

a, *b*. Aru. Presented by W. W. Saunders, Esq.
c, *d*. Aru. From Mr. Wallace's collection.

92. Strachia callideoides.

Purpurea, longi-elliptica, glabra, nitens; caput breve, transverse striatum; antennæ cyaneo-nigræ, corpore breviores; thorax sulco transverso punctato bene determinato, macula antica ochracea trigona maxima; scutellum callo ochraceo transverso maximo, spatio postico depresso apice ochraceo; pectoris latera albido transverse tristrigata; venter luteus, fascia cyaneo-purpurea lata cyathiformi; pedes longi, basi albidi; alæ anticæ striga subapicali transversa albida, membrana viridi-cyanea cinereo pallido marginata.

Purple, elongate-elliptical, smooth, shining. Head short, transversely and finely striated in front; sides reflexed in front; lateral lobes conniving beyond the middle lobe. Eyes very prominent. Rostrum black, extending to the hind coxæ. Antennæ bluish black, slender, rather shorter than the body; joints successively increasing in length; first extending to the front of the head. Thorax with a transverse punctured well-defined furrow, in front of which there is an ochraceous triangular very large spot, whose base is on the fore border; hind angles slightly rounded. Scutellum with

an ochraceous transverse very large and convex callus which occupies more than half the surface; hinder space flat, ochraceous at the tip, extending a little beyond the angle of the corium. Pectus with three transverse whitish streaks on each side. Abdomen beneath luteous, with a broad bluish purple cyathiform band, which extends to the tip and on each side nearly to the base. Legs long, whitish at the base. Fore wings with a whitish transverse streak opposite the angle of the corium; membrane greenish blue, with a pale cinereous hyaline border. Length of the body 5 lines.

Very nearly allied to *S. calliphoroides.*

a. Wagiou. Presented by W. W. Saunders, Esq.
b. Wagiou. From Mr. Wallace's collection.

93. Strachia gemmea.

Læte purpureo-cyanea, fusiformis, glabra; antennæ nigræ, basi cyaneæ; thorax transverse sulcatus, antice coccineus, strigis duabus lateralibus lanceolatis flavo-albis; scutellum basi coccineum, convexum, linea postica longitudinali pallide flava; venter testaceus, lateribus rufo variis cyaneo maculatis; pedes cyanei, femoribus basi flavo-albis; alæ anticæ macula magna coccinea, membrana viridi-cyanea cinereo marginata.

Bright purplish blue, fusiform, shining. Head, thorax and basal part of the scutellum smooth. Head reflexed on each side in front; middle lobe extending very little beyond the lateral lobes; a yellowish white line on each side of the mouth beneath. Rostrum black, extending to the hind coxæ, pale testaceous towards the base. Antennæ black, more than half the length of the body; first joint blue, not extending to the front of the head; second much shorter than the third; fourth longer than the third and than the fifth. Thorax somewhat convex, especially on the fore part of the disk, which is crimson-red and interrupts a transverse furrow and has a punctured transverse furrow behind it; a yellowish white lanceolate streak on each side prolonged round the hind angle along the lateral part of the hind border, broader on each side of the pectus. Scutellum not extending beyond the angle of the corium; basal part crimson-red, convex, emitting a pale yellow line into the hinder part; the latter flat, thinly and roughly punctured. Pectus with a yellowish white red-tinged callus along the fore border, yellowish white about the coxæ. Abdomen beneath testaceous, varied with red on each side, where there is a stripe of blue spots. Legs blue; femora towards the base and coxæ yellowish white; tarsi black. Fore wings with a large crimson-red spot near the tip of the corium which is punctured; membrane greenish blue, cinereous-bordered. *Var. β.*—Abdomen beneath wholly red. Femora wholly blue. Length of the body $3\frac{1}{2}$ lines.

a. Ceram. Presented by W. W. Saunders, Esq.
b. New Guinea. Presented by W. W. Saunders, Esq.

94. Strachia lepida.

Læte purpurea, fusiformis, glabra, cyaneo varia; antennæ nigræ, basi cyaneæ, corporis dimidio longiores; thorax antice coccineus, lineis duabus lateralibus flavo-albis; scutellum basi coccineum convexum; pectus cyaneum; venter rufus, disco flavo-albo, maculis lateralibus cyaneis; pedes cyanei, basi flavo-albi; alæ anticæ macula magna coccinea, membrana viridi-cyanea cinereo marginata.

Bright purple, fusiform, shining, here and there blue. Head, thorax and basal part of the scutellum smooth. Head reflexed on each side in front; middle lobe extending a little beyond the lateral lobes. Rostrum black, extending to the hind coxæ. Antennæ black, more than half the length of the body, in structure like those of *S. gemmea;* first joint blue. Thorax alike in structure to that of *S. gemmea* and with a similar patch in front; a yellowish white line along each hind angle and along the adjoining part of the side and of the hind border. Scutellum like that of *S. gemmea*, except that the crimson patch emits no streak. Pectus wholly blue. Abdomen beneath red; disk yellowish white with blue spots along each side. Legs blue; femora at the base and coxæ yellowish white; tarsi black. Fore wings like those of *S. gemmea.* Length of the body $3\frac{1}{2}$ lines.

This species is a little narrower than *S. gemmea*, to which it is very closely allied.

a. Batchian. Presented by W. W. Saunders, Esq.
b. Kaisaa. Presented by W. W. Saunders, Esq.

Australia.

95. Strachia elegans, *C. H.* 263.

Arocera elegans, *Stal, Stett. Ent. Zeit.* xxii. 139.

a. Australia. Presented by Lord Mountnorris.
b. Australia. Presented by Sir J. Richardson.
c, d. Australia. From Mr. Children's collection.
e. Australia.
f. Moreton Bay. From Major Parry's collection.
g. Australia. From Mr. Vigors' collection.
h. New South Wales. Presented by W. W. Saunders, Esq.
i. Port Philip. Presented by W. W. Saunders, Esq.

96. Strachia persignata.

Viridis, aspere punctata, subtus albida; caput maculis tribus strigisque duabus anterioribus albidis, subtus viridi quadrimaculatum; thorax margine antico lateribusque luteis, margine postico vitta guttisque duabus albidis; scutellum callis duobus anticis luteis, vitta abbreviata apiceque albis; pectus viridi bivittatum; venter pallide testaceus, maculis lateralibus viridibus; femora albida, apices versus viridia; tibiæ albo vittatæ; alæ anticæ vitta costali strigam subcostalem emittente fasciaque subapicali luteis, linea postica albida.

Metallic-green, elliptical, thinly and roughly punctured, whitish beneath. Head with three whitish spots forming a band between the eyes, and with a whitish streak on each of the lateral lobes, which extend a little beyond the middle lobe; two green spots on each side beneath. Rostrum black, whitish at the base, extending a little beyond the middle coxæ. Antennæ black, a little more than half the length of the body; first joint extending to the front of the head; third hardly shorter than the second, longer than the fourth; fifth a little longer than the fourth. Thorax with a slight transverse furrow, luteous along the fore border and along each side, whitish along the hind border; a whitish dot on each side in the disk and a whitish stripe; angles slightly acute. Scutellum with a luteous callus on each side; an abbreviated white stripe which is most slender in front; tip white. Pectus with two green marginal stripes. Abdomen beneath pale testaceous, with green spots along each side; coxæ and femora white, the latter irregularly green towards the tips; tibiæ striped with white. Fore wings with a luteous costal stripe, which extends along nearly one-third of the length from the base and there meets a subcostal streak which joins a slightly curved luteous subapical band; an oblique white line in the disk; membrane blackish. Length of the body $4\frac{1}{4}$ lines.

Like *S. picta* in structure.

a. Moreton Bay. From Mr. Diggles' collection.

Country unknown.

97. Strachia vesiculosa.

Cimex vesiculosus, *H.-Sch. Wanz. Ins.* v. 65, pl. 165, f. 509.

98. Strachia minuscula.

Rufa, aspere punctata; caput nigrum, rufo marginatum; rostrum nigrum; antennæ nigræ, corporis dimidio non longiores; thorax nigro sex maculatus; scutellum macula basali magna trigona guttisque duabus postmediis nigris; pectus et venter e maculis nigris trivittata; pedes nigri; alæ anticæ striga lata postica, macula postmedia maxima guttaque subcostali nigris, fimbria nigricante albido marginata.

Bright red, elliptical, roughly punctured. Head black, bordered with red on each side in front and on the fore border; sides slightly reflexed; lateral lobes conniving beyond the middle lobe. Rostrum black, extending to the hind coxæ. Antennæ black, about half the length of the body; first joint hardly extending to the front of the head; second a little longer than the third; fourth much longer than the third; fifth a little longer than the fourth. Thorax with three large black spots on each side. Scutellum with a large triangular black spot on the fore border and with a black dot on each side at two-thirds of the length. Pectus and under side of abdomen with three stripes of very large black spots. Legs black. Fore wings with a broad black streak extending from the base along the hind border, connected with a very large postmedial black spot; a subcostal black dot nearer the tip; fringe blackish, with a whitish pellucid border. Length of the body $2\frac{1}{2}$ lines.

It has most resemblance to *S. festiva*, but is very much smaller, and the markings both on the upper side and on the under side of the body are different.

a, *b*. ——? Presented by W. W. Saunders, Esq.

Genus 31. TROPICORIS, *C. H.* 268.

1. Tropicoris rufipes, *C. H.* 268.

a—p. England. From Mr. Stephens' collection.
q—s. England.
t. France. Presented by J. G. Children, Esq.
v, *u*. France.
w—cc. ——? Presented by W. W. Saunders, Esq.
dd. West Africa. Presented by A. Dolce, Esq.

Genus 32. TROPICORYPHA.

Tropicorypha, *Mayr*, *Verh. Zool. Bot. Ges. Wien*. xiv. 910; *Novara Hem.* 59.

1. Tropicorypha deplana.

Cimex deplanus, *H.-Sch. Wanz. Ins.* v. 74, f. 518—Pentatoma deplana, *H.-Sch. Wanz. Ins.* vii. 95—Strachia deplana, *Dohrn*, *Cat. Hem.* 17—Tropicorypha deplana, *Mayr*, *Novara Hem.* 61.

Cape.

Genus 33. ÆGIUS, *C. H.* 268.

1. Ægius æreus, *C. H.* 269.

Rio Janeiro.

a. ——?

Genus 34. CATAULAX, *C. H.* 269.

South America.

1. Cataulax macraspis, *C. H.* 269.

Brazil.

a. ——?

2. Cataulax marmoratus.

marmoratus, *Erichs. Schomb. Reise Guiana*, 609.

British Guiana.

3. Cataulax apicalis.

apicalis, *Erichs. Schomb. Reise Guiana*, 609.

British Guiana.

Genus 35. BATHYCŒLIA, *C. H.* 269.

Africa.

1. Bathycœlia thalassina, *C. H.* 269.

a. Gambia. From Mr. Shuckard's collection.
b. Congo. Presented by Sir J. Richardson.

2. Bathycœlia buonosporiensis, *C. H.* 269.

a. Sierra Leone. Presented by the Rev. F. Morgan.

3. Bathycœlia ovalis.

ovalis, *Stal, Hem. Afr.* i. 190.

Calabar.

Hindostan.

4. Bathycœlia indica, *C. H.* 270.

a. North Hindostan. From Capt. Boys' collection.

5. Bathycœlia longirostris.

longirostris, *Mtrz. A. S. E. F.* 4*me Ser.* i. 65.

Art.

6. Bathycœlia chlorospila.

Testacea, longi-ovata, subtiliter et conferte punctata; rostrum segmentum ventrale 4um attingens; antennæ nigræ, basi testaceæ; thorax et scutellum guttis duabus anticis viridibus micantibus, illius angulis posticis acutis; alæ anticæ membrana cinerea.

Testaceous, elongate-oval, shining, thickly and minutely punctured, a little paler beneath. Head elongate; lobes of equal length. Rostrum extending to the middle of the fourth ventral segment; tip black. Antennæ black; first joint testaceous, extending nearly to the front of the head; second very much shorter than the third. Thorax with a transverse callus on each side in front; a metallic-green dot adjoining each angle; hind angles acute, slightly prominent. Scutellum extending a little beyond the angle of the corium; a metallic-green dot on each fore angle. Legs rather long and slender; tibiæ keeled. Membrane of the fore wings cinereous. Length of the body 8 lines.

a. Aru. Presented by W. W. Saunders, Esq.

Genus 36. CATACANTHUS, *C. H.* 270.

1. Catacanthus incarnatus, *C. H.* 270.

a—d. Bengal. Presented by Gen. Hardwicke.
e—g. Bombay. Presented by W. Elliott, Esq.
h. Madras. Presented by Mrs. Capt. Hamilton.
i. Pondicherry. Presented by M. Reiche.
j. Tenasserim. Presented by — Packman, Esq.
k, l. Silhet. From Mr. Sowerby's collection.
m. Ceylon. Presented by Dr. Hooker.
n. Ceylon. Presented by Miss K. Wenham.
o, p. Ceylon. From the Rev. J. Wenham's collection.
q, r. Corea. Presented by Capt. Sir Edward Belcher.
s, t. Celebes. Presented by W. W. Saunders, Esq.
v. Singapore. Presented by W. W. Saunders, Esq.
u. Malacca. Presented by W. W. Saunders, Esq.
w—z. Hindostan. Presented by W. W. Saunders, Esq.
aa. Hindostan. Presented by J. C. Bowring, Esq.
bb, cc. Java. Presented by J. C. Bowring, Esq.
dd. Java. Presented by W. W. Saunders, Esq.
ee. Sumatra. Presented by W. W. Saunders, Esq.
ff, gg. Siam. Presented by W. W. Saunders, Esq.
hh. Borneo. Presented by W. W. Saunders, Esq.
ii. ———? Presented by W. W. Saunders, Esq.

2. Catacanthus nigripes, *C. H.* 271.

a. Philippine Isles. From Mr. Cuming's collection.
b. Louisiade Isles. Presented by J. M'Gillivray, Esq.
c. Australia.
d. Celebes. From Mr. Wallace's collection.
e, f. Celebes. Presented by W. W. Saunders, Esq.
g. Ceram. Presented by W. W. Saunders, Esq.
h. Ké. Presented by W. W. Saunders, Esq.
i. Ké. From Mr. Wallace's collection.
j. ———? Presented by Sir J. Liddell.
k, l. Ovalau, Fiji Isles. From the Voyage of H.M.S. Herald.

3. Catacanthus anchorago, *C. H.* 271.

a, b. West Africa. Presented by B. Frend, Esq.
c. Sierra Leone. Presented by the Rev. D. F. Morgan.
d. ———? From Mr. Vigors' collection.
e, f. ———?

4. Catacanthus pectoralis.

Coquerelia pectoralis, *Sign. A. S. E. F. Ser.* 3, viii. 934, pl. 13, f. 6—
Catacanthus pectoralis, *Stal, Hem. Afr.* i. 189.

Madagascar.

5. Catacanthus sumptuosus.

sumptuosus, *Dohrn*, *Stett. Ent. Zeit.* xxiv. 348.

a, *b*. Aru. From Mr. Wallace's collection.
c. New Guinea. From Mr. Wallace's collection.
d—*f*. New Guinea. Presented by W. W. Saunders, Esq.
g. Wagiou. Presented by W. W. Saunders, Esq.

6. Catacanthus tricolor.

Pentatoma tricolor, *Mtrz. Faune Woodlark*—Catacanthus nigripes, var.? *Sign. A. S. E. F. 4me Ser.* 1, 65.

Art. Woodlark.

Genus 37. VULSIREA, *C. H.* 271.

Mexico.

1. Vulsirea liturata, *C. H.* 273.

Edessa insignis, *Blanch. Hist. Nat. Ins.* 144—Taurocerus cinctus, *H.-Sch. Wanz. Ins.* ix. 316—Vulsirea cincta, *Stal*, *Stett. Ent. Zeit.* xxii. 140—Vulsirea insignis, *Stal*, *Stett. Ent. Zeit.* xxiii. 108.

a. Orizaba. From M. Sallé's collection.
b. S. America. From Mr. Children's collection.

2. Vulsirea anchora, *C. H.* 272.

Mexico.

a—*b*. S. America. From Mr. Children's collection.
c—*e*. ——— ?

3. Vulsirea transducta.

Viridis, longi-ovata, diffuse et aspere punctata; caput luteum, maculis duabus plagaque postica ramosa viridibus, lobo medio apice piceo; thorax fascia indeterminata margineque postico luteis; scutellum luteo unifasciatum; pectus lateribus rufescente-luteis, segmentis luteo marginatis; abdomen rufescente-luteum, maculis lateribus viridibus, venter e plagis viridibus bivittatum; femora rufescente-luteo unifasciata; alæ anticæ membrana nigricante.

Metallic-green, elongate-oval, shining, thinly and roughly punctured. Head luteous; a large green patch on the hind border emitting two branches, which extend to the base of the antennæ and approach two anterior green elongated spots; middle lobe piceous at the tip, hardly extending beyond the lateral lobes. Rostrum black, extending rather beyond the hind coxæ. Antennæ black, less than half the length of the body; first joint luteous, not extending to the front of the head; second very much shorter than the third; fourth much longer than the third, a little longer than the fifth. Thorax with an irregular luteous band near the fore border; hind border luteous between the hind angles and the scutellum. Scutellum with a luteous band very near the tip, in a line with a luteous band on each

of the fore wings. Pectus bluish green, reddish luteous on each side; segments luteous-bordered. Abdomen reddish luteous; connexivum with green spots; under side with two stripes of large green patches. Femora with a broad reddish luteous subapical band. Membrane of the fore wings blackish. Length of the body 8 lines.

a, b. Orizaba. From M. Sallé's collection.

4. Vulsirea lativentris.

Nigra, elliptica, diffuse et aspere punctata; thorax vitta rufa antice abbreviata et dilatata, lateribus albis, angulis posticis obtusis; abdomen rufum, dilatatum, maculis lateralibus nigris; alæ anticæ costa exteriore livida, membrana albida.

Black, elliptical, shining, thinly and roughly punctured. Head with the sides slightly reflexed; lobes of equal length. Rostrum extending to the hind coxæ. Antennæ a little less than half the length of the body; first joint extending to the front of the head; second about half the length of the third; fourth longer than the third, a little longer than the fifth. Thorax with a red stripe, which is abbreviated and much dilated towards the fore border; sides white, very slightly excavated; hind angles obtuse, not prominent. Scutellum extending beyond the angle of the corium; hind part longitudinally impressed on each side. Abdomen bright red, extending much beyond the costa of the fore wings; connexivum with black spots, which are largest on the upper side; ventral spine extending a little beyond the hind coxæ. Legs stout; tibiæ hardly furrowed. Costa of the fore wings livid beyond the middle; membrane whitish, pellucid. Length of the body 6 lines.

a. Oajaca. From M. Sallé's collection.

West Indies.

5. Vulsirea nigrorubra, *C. H.* 271.

a, b. Cuba. Presented by M. Guérin-Méneville.

6. Vulsirea variegata, *C. H.* 273.

Jamaica.

a. ——— ? From Mr. Vigors' collection.
b. St. Domingo. From Mr. Hearne's collection.
c. ——— ?

South America.

7. Vulsirea pulchella, *C. H.* 272.

Pharypia pulchella, *Stal, Stett. Ent. Zeit.* xxii. 139.

a. Venezuela. From Mr. Dyson's collection.
b. Columbia.
c. ——— ? Presented by Sir E. Belcher.

8. Vulsirea formosa, *C. H.* 272.

a. Para. From Mr. Bates' collection.
b. Venezuela. From Mr. Birschell's collection.

9. Vulsirea superba.

Purpurea, vage punctata, subtus rufa ; capitis latera subreflexa ; antennæ nigræ ; thorax transverse impressus, angulis posticis subacutis ; pectus subcarinatum, purpureo marginatum ; connexivum rufo maculatum ; venter macula subapicali nigra, spina coxas medias fere attingente ; pedes basi rufi ; membrana alba nigro unimaculata.

Purple, elliptical, thinly and roughly punctured. Sides of the head slightly reflexed ; lobes of equal length. Rostrum black, extending to the hind coxæ ; middle part red. Antennæ black, rather slender, more than half the length of the body ; first joint extending a little beyond the front of the head ; second as long as the first ; third nearly four times the length of the second ; fourth as long as the third ; fifth shorter than the fourth. Thorax transversely impressed on each side in front ; hind angles slightly acute and prominent. Pectus bright red, slightly keeled, irregularly bordered with purple. Abdomen with red spots along the connexivum, which extends a little beyond the fore wings ; under side bright red, with a black subapical spot ; ventral spine extending nearly to the middle coxæ. Legs rather stout ; femora towards the base and coxæ bright red ; tibiæ furrowed. Fore wings finely punctured ; membrane white, with a black subapical spot. Length of the body 6 lines.

a. Santarem. From Mr. Bates' collection.

Australia.

10. Vulsirea dispar, *C. H.* 272.

a. Australia. Presented by the Entomological Club.
b. Sydney. From Mr. Argent's collection.
c. ——— ?

Country unknown.

11. Vulsirea transversalis.

Cimex transversalis, *H.-Sch. Wanz. Ins.* vi. 66, pl. 102, f. 630.

Genus 38. RHAPHIGASTER, *C. H.* 274.

Europe.

1. Rhaphigaster prasinus.

Pentatoma unicolor, *Hope, Cat. Hem.* 38—Pentatoma subsericea, *Hope, Cat. Hem.* 38—Pentatoma Leii, *Hope, Cat. Hem.* 38—Pentatoma tripunctigera, *Hope, Cat. Hem.* 38—Pentatoma proxima, *Hope, Cat. Hem.* 38—Pentatoma chinensis, *Hope, Cat. Hem.* 38—Pentatoma chloris, *Hope, Cat. Hem.* 38—Pentatoma propinqua, *Hope, Cat. Hem.* 38—Pentatoma approximata, *Reiche et Fairm. Voy. Abyss. Ent.* 443

—Rhaghigaster subsericeus, *C. H.* 275—Rhaphigaster Orbus, *Stal, Ofv. K. Vet. Ak. Forh.* 1853, 221.

a, b. England. Presented by W. W. Saunders, Esq.
c. South France.
d. Italy.
e. Sicily. From Mr. Melly's collection.
f. Crete. Presented by W. W. Saunders, Esq.
g, h. Europe. From Mr. Children's collection.
i. Madeira. Presented by Major Parry.
j. At sea, probably from Madeira. From Mr. Macgillivray's collection.
k—m. Canary Isles. Presented by W. W. Saunders, Esq.
n. Oajaca. From M. Sallé's collection.
o. Jamaica. Presented by W. W. Saunders, Esq.
p. Jamaica.
q. St. Domingo. From Mr. Vigors' collection.
r, s. St. Domingo. Presented by W. W. Saunders, Esq.
t, v. St. Domingo. Presented by M. Guérin-Méneville.
u. Venezuela. From Mr. Dyson's collection.
w—y. Amazon Region. From Mr. Bates' collection.
z. Tejuca. Presented by the Rev. H. Clark.
aa. Petropolis. Presented by J. Gray, Esq.
bb, cc. Rio Janeiro. Presented by J. Gray, Esq.
dd. Venezuela. From Mr. Birschell's collection.
ee. Brazil. Presented by W. W. Saunders, Esq.
ff—ii. Africa.
jj. W. Africa. From Major Parry's collection.
kk. W. Africa. Presented by W. W. Saunders, Esq.
ll. Congo. Presented by Sir J. Richardson.
mm. Gambia. Presented by W. W. Saunders, Esq.
nn—pp. Cape. Presented by W. W. Saunders, Esq.
qq—tt. S. Africa. Presented by Sir A. Smith.
vv—yy. S. Africa. From Mr. Children's collection.
zz. Cape. From M. Drégé's collection.
aaa. Cape. Presented by R. Trimen, Esq.
bbb. Natal. From M. Gueinzius' collection.
ccc. Angola. Presented by J. J. Monteiro, Esq.
ddd. E. Africa. Presented by Earl Russell.
eee—ooo. Madeira. From Mr. Wollaston's collection.
ppp—rrr. Mauritius. From Dr. Beke's collection.
sss. Bombon. Presented by W. W. Saunders, Esq.
ttt, vvv. Ceylon. Presented by Dr. Templeton.
uuu. Ceylon. From Mr. Thwaites' collection.
www, yyy. Hindostan. Presented by Gen. Hardwicke.
zzz—bbbb. Hindostan. Presented by W. W. Saunders, Esq.
cccc. Hindostan. From the Entomological Society's collection.
dddd. N. Hindostan. From Dr. Hooker's collection.
eeee. Silhet. Presented by J. C. Bowring, Esq.
ffff—hhhh. Hong Kong. Presented by J. C. Bowring, Esq.
iiii, jjjj. Interior of China. Presented by Lieut.-Col. Sarel.
kkkk, llll. Corea. Presented by Capt. Sir E. Belcher.
mmmm. Cambodia. Presented by W. W. Saunders, Esq.

nnnn. Singapore. Presented by W. W. Saunders, Esq.
oooo. Japan. From Mr. Stevens' collection.
pppp—rrrr. Java. Presented by M. Serville.
ssss. Java. Presented by J. C. Bowring, Esq.
tttt. Java. Presented by J. Wilson, Esq.
vvvv. Java. From the East India Company's collection.
uuuu. Java. Presented by W. W. Saunders, Esq.
wwww. Philippine Isles. From Mr. Cuming's collection.
xxxx. New Guinea. Presented by W. W. Saunders, Esq.
yyyy, zzzz. Ceram. Presented by W. W. Saunders, Esq.
aaaaa, bbbbb. Timor. Presented by W. W. Saunders, Esq.
ccccc—eeeee. Celebes. Presented by W. W. Saunders, Esq.
fffff. N. Bengal. From Lieut. Campbell's collection.
ggggg—kkkkk. New Zealand. Presented by Col. Bolton.
lllll—qqqqq. ——— ? Presented by W. W. Saunders, Esq.
rrrrr. ——— ? From Mr. Stephens' collection.
sssss—ccccccc. ——— ?

2. Rhaphigaster geniculatus, *C. H.* 279.

obscuricornis, *Stal.*—Nezara geniculata, *Muls. et Rey. Pun. France*, ii. 289.

a. Sicily.
b, c. ——— ?

3. Rhaphigaster Millierei.

Nezara Millierei, *Muls. et Rey. Pun. France*, ii. 290.

S. France.

4. Rhaphigaster Heegeri.

Nezara Heegeri, *Muls. et Rey. Pun. France*, ii. 292.

S. France.

5. Rhaphigaster griseus, *C. H.* 281.

a—e. England. From Mr. Stephens' collection.
f, g. Geneva. Presented by M. Goureau.
h—j. South France.
k—n. Italy.
o. Spain. Presented by Major Parry.
p—r. France. Presented by W. W. Saunders, Esq.

6. Rhaphigaster purpureipennis, *C. H.* 282.

Piezodorus Degeeri, *Fieb. Hem.* 329 — Piezodorus incarnatus, *Muls. et Rey. Pun. France*, ii. 303—Piezodorus purpureipennis, *Douglas and Scott, Brit. Hem. Het.* 100.

a—cc. England. From Mr. Stephens' collection.
dd—ff. Hampstead. Presented by W. S. Dallas, Esq.
gg. France. Presented by W. W. Saunders, Esq.
hh. France.
ii, jj. Geneva. Presented by M. Goureau.

kk, *ll*. Europe. Presented by J. G. Children, Esq.
mm—aaa. Madeira. From Mr. Wollaston's collection.
bbb—ddd. ——— ?
eee. England. Presented by W. W. Saunders, Esq.

7. Rhaphigaster incertus.

Rhaphigaster incertus, *Sign. A. S. E. F. 3me Ser.* viii. 935—Rhaphigaster submarginatus, *Stal*, *Stett. Ent. Zeit.* xxii. 144—Nezara incerta, *Stal*, *Hem. Afr.* i. 192.

Dalmatia. Arabia. Egypt.

North America.

8. Rhaphigaster Sarpinus, *C. H.* 276.

Pentatoma pensylvanica ? *Pal. Beauv. Ins.* 186 ; *Hem.* pl. 11, f. 6.

a. Cincinnati. Presented by G. Lea, Esq.
b. New York. Presented by Dr. Fitch.
c. Connecticut. Presented by F. Walker, Esq.

9. Rhaphigaster Catinus, *C. H.* 282.

a. Canada. Presented by the Entomological Club.

10. Rhaphigaster punctulatus.

punctulatus, *Hope*, *Cat. Hem.* 31.—prasinus, *var.* ?
North America.

Mexico.

11. Rhaphigaster spirans, *C. H.* 280.

a. Mexico. Presented by the Entomological Club.

12. Rhaphigaster sticticus, *C. H.* 281.

Ptilarmus sticticus, *Stal*, *Stett. Ent. Zeit.* xxii. 140.
a. Mexico.

13. Rhaphigaster marginatus, *C. H.* 277.

Cimex rufocinctus, *H.-Sch. Wanz. Ins.* iv. 94, pl. 139, f. 436.
Mexico. St. Domingo.

a. Brazil. Presented by — D'Reilly, Esq.
b. Colombia. From M. Goudot's collection.
c. Venezuela. From Mr. Birschell's collection.

14. Rhaphigaster jurgiosus.

Nezara jurgiosa, *Stal*, *Stett. Ent. Zeit.* xxiii. 106.
Mexico.

15. Rhaphigaster nitidiventris.

Ptilarmus nitidiventris, *Stal*, *Stett. Ent. Zeit.* xxii. 140—Pharypia nitidiventris, *Stal*, *Stett. Ent. Zeit.* xxiii. 107.

Mexico.

16. Rhaphigaster imbutus.

Pallide flavus, vage punctatus; caput nigro marginatum et bilineatum; antennæ pallide virides, apices versus nigræ; thorax antice pallide viridis, fascia postica nigricante-viridi; scutelli latera nigricante-viridia; abdomen dorso nigro flavo-marginato, vittis duabus ventralibus viridescentibus nigro conspersis, spina coxas intermedias attingente; tibiæ apices versus tarsique nigricantia; alæ anticæ fusco nebulosæ, membrana pellucida fusco late vittata.

Pale yellow, oval, irregularly punctured. Head bordered with black; two short black lines on the sutures between the lobes, which are of equal length. Rostrum black towards the tip, extending to the hind coxæ. Antennæ pale green, about half the length of the body; joints successively increasing in length; first not extending to the front of the head; fourth black, except towards the base; fifth black. Thorax pale green in front; an irregular blackish green band between the hind angles, which are rounded and very slightly prominent. Scutellum about half the length of the abdomen, irregularly bordered with blackish green on each side. Abdomen above black, with a pale yellow border; under side with a greenish black-speckled stripe on each side. Ventral spine extending to the middle coxæ. Tibiæ towards the tips and tarsi blackish. Fore wings clouded with brown; membrane pellucid, with a broad brown stripe. Length of the body $4\frac{1}{2}$ lines.

a. Vera Cruz. From M. Sallé's collection.

West Indies.

17. Rhaphigaster Sparnius, *C. H.* 280.

a. Jamaica. From Mr. Gosse's collection.
b, c. St. Domingo. From Mr. Tweedie's collection.

18. Rhaphigaster inopinatus.

Pallide viridis, ellipticus, parvus, vage punctatus, R. Sparnio *affinis, thoracis angulis posticis minus determinatis, membrana limpida.*

Pale green, elliptical, shining, thinly and coarsely punctured, rather flat. Head conical; middle lobe hardly extending beyond the lateral lobes. Rostrum hardly extending beyond the hind coxæ. Thorax depressed on each side of the disk; hind angles rounded, not prominent. Ventral spine very short. Membrane of the fore wings pellucid. Length of the body $4\frac{1}{2}$ lines.

Much smaller than *R. Sparnius;* hind angles of the thorax less prominent.

a. Jamaica. Presented by W. W. Saunders, Esq.

19. Rhaphigaster aggressor.

Luteus, longi-ovatus, parce fusco punctatus; caput subproductum, coxas intermedias attingens; antennæ fulvæ; thorax antice glaber, angulis posticis acutis productis; scutelli discus fusco uniplagiatus; spina ventralis coxas intermedias attingens; alæ anticæ macula postmedia fusca, membrana cinerea basi fusco maculata.

Luteous, elongate-oval, thinly and roughly punctured; punctures brown; under side paler. Head slightly elongated; lobes of equal length. Rostrum extending to the middle coxæ; tip blackish. Antennæ tawny; first joint not extending to the front of the head; second much longer than the third. Thorax mostly smooth in front; hind angles acute, rather prominent. Scutellum with a brown patch in the disk; ventral spine extending to the middle coxæ. Fore wings with a brown spot in the disk beyond the middle; membrane pale cinereous, brown at the base on the hind side. Length of the body 4½ lines.

a. St. Domingo. From Mr. Hearne's collection.

South America.

20. Rhaphigaster Runaspis, *C. H.* 280.

a. Guayaquil. Presented by Dr. Hooker.

21. Rhaphigaster marginalis, *C. H.* 281.

Ptilarmus marginalis, *Stal*, *Stett. Ent. Zeit.* xxii. 140.

a. ——? Presented by the Entomological Club.
b. Brazil. From Mr. Mornay's collection.

22. Rhaphigaster Guildinii, *C. H.* 283.

a. South America. From Mr. Children's collection.

23. Rhaphigaster discolor, *C. H.* 289.

a. Columbia. From Mr. Turner's collection.

24. Rhaphigaster macula, *C. H.* 284.

Banasa discifera, *Stal*, *Rio Jan. Hem.* 24—Pallantia macula, *Stal*, *Stett. Ent. Zeit.* xxiii. 106.

Rio Janeiro.

a. ——? From Mr. Children's collection.

25. Rhaphigaster viridans.

viridans, *Stal*, *Eug. Resa*, i. 28.

Galapagos. Callao. Panama.

26. Rhaphigaster lætus.

lætus, *Stal*, *Eug. Resa*, 228.
Puna, near Guayaquil.

27. Rhaphigaster armiger.

armiger, *Stal*, *Eug. Resa*, 229.
Buenos Ayres.

28. Rhaphigaster herbidus.

herbidus, *Stal*, *Eug. Resa*, 229.
Buenos Ayres.

29. Rhaphigaster dimidiatus.

dimidiatus, *Stal*, *Rio Jan. Hem.* 22.
Rio Janeiro.

30. Rhaphigaster obscuricornis.

obscuricornis, *Stal*, *Rio Jan. Hem.* 22.
Rio Janeiro.

31. Rhaphigaster bucerus.

bucerus, *Stal*, *Rio Jan. Hem.* 23.
Rio Janeiro.

32. Rhaphigaster obstinatus.

obstinatus, *Stal*, *Rio Jan. Hem.* 23—Nezara obstinata, *Stal*, *Stett. Ent. Zeit.* xxiii. 106.
Rio Janeiro.

33. Rhaphigaster alboapicatus.

alboapicatus, *Stal*, *Rio Jan. Hem.* 22.
Rio Janeiro.

34. Rhaphigaster pectoralis.

pectoralis, *Stal*, *Rio Jan. Hem.* 23.
Rio Janeiro.

35. Rhaphigaster difficilis.

difficilis, *Stal*, *Rio Jan. Hem.* 23.
Rio Janeiro.

36. Rhaphigaster apicicornis.

apicicornis, *Sign. A. S. E. F. 4me Ser.* iii. 548.
Chili.

37. Rhaphigaster derivatus.

Prasinus, longi-ovatus, parce punctatus, testaceo pallido varius, R. prasino *minor angustior; antennæ pallide virides, nigricante trifasciatæ; thorax sæpissime testaceo pallido fasciatus; spina ventralis coxas posticas attingens; membrana pallide cinerea, basi fusco nonnunquam nebulosa.*

Grass-green, elongate-oval, thinly and roughly punctured, pale testaceous beneath. Head more or less varied with pale testaceous; lobes of equal length. Rostrum extending to the hind coxæ. Antennæ pale green, about half the length of the body; joints successively increasing in length; first not extending to the front of the head; third blackish towards the tip; fourth blackish except towards the base; fifth blackish, pale testaceous towards the base, darker testaceous at the tip. Thorax varied with pale testaceous, or with a broad band of that hue, which in some cases occupies the whole of the fore part; hind angles rounded, not prominent. Scutellum and fore wings sometimes varied with pale testaceous, the latter rarely with a reddish tinge. Ventral spine extending to the hind coxæ. Membrane of the fore wings pale cinereous, sometimes clouded with brown towards the base. Length of the body 4—5 lines.

It has a great resemblance to *R. prasinus*, but is somewhat smaller and narrower and the punctures are much larger.

a. Tejuca. Presented by the Rev. H. Clark.
b, c. Constancia. Presented by the Rev. H. Clark.
d, e. Constancia. Presented by J. Gray, Esq.
f. Petropolis. Presented by J. Gray, Esq.
g. Rio Janeiro. Presented by J. Gray, Esq.
h. Ega. From Mr. Bates' collection.

38. Rhaphigaster fulvicornis.

Fuscescente-viridis, ovata, dense nigro punctata, subtus fulva; caput parvum, lateribus subreflexis, lobis lateralibus lobum medium superantibus; antennæ fulvæ; thorax lateribus rufis glabris; scutellum maculis duabus basalibus apiceque luteis; abdomen dorso purpureo, connexivo luteo-maculato; alæ anticæ costa basali rufa, membrana lurida.

Brownish green, oval, thickly and rather roughly punctured, tawny beneath; punctures black. Head small; sides slightly reflexed; lateral lobes conniving beyond the middle lobe; a tubercle on each side between the eye and the base of the antenna. Rostrum extending to the hind coxæ. Antennæ tawny, shorter than the body; first joint extending much beyond the head; second a little longer than the first; third much longer than the second, much shorter than the fourth. Thorax minutely punctured along the fore border, near which there is a transverse callus on each side; sides red, smooth, slightly elevated; hind angles rounded, not prominent. Scutellum with a luteous callus on each side at the base and with a luteous tip. Abdomen purple above; ventral spine not extending beyond the hind coxæ; connexivum with luteous spots. Legs tawny; femora brown-

speckled. Costa of the fore wings red towards the base; membrane lurid. Hind wings cinereous; veins brown. Length of the body 5½ lines.

a. Ega. From Mr. Bates' collection.

Africa.

39. Rhaphigaster guineensis, *C. H.* 274.

a. ——? Presented by Capt. Friend.
b. Fernando Po. From Mr. Stevens' collection.

40. Rhaphigaster capicola, *C. H.* 276.

a. South Africa. Presented by Sir A. Smith.
b. South Africa. From Mr. Argent's collection.

41. Rhaphigaster Naspirus, *C. H.* 276.

a. South Africa. From Mr. Children's collection.

42. Rhaphigaster Rinapsus, *C. H.* 277.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

43. Rhaphigaster acutus, *C. H.* 277.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.
b. Corea. Presented by Captain Sir E. Belcher.
c. Angola. From Mr. Rich's collection.

44. Rhaphigaster Prunasis, *C. H.* 279.

a. Congo. Presented by Sir J. Richardson.

45. Rhaphigaster varicornis, *C. H.* 281.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

46. Rhaphigaster O.

O, *Sign. Arch. Ent.* ii. 289—Nezara O, *Stal, Hem. Afr.* i. 197.

Old Calabar.

47. Rhaphigaster lugubris.

Cimex lugubris, *Thunb. Hem. Rostr. cap.* ii. 2—Anubis lugubris, *Stal, Hem. Afr.* i. 222—Rhaphigaster impluviatis, *C. H.* 289.

a. Cape. From M. Drégé's collection.

48. Rhaphigaster fuscoirroratus.

fuscoirroratus, *Stal, Ofv. K. Vet. Ak. Forh.* xxi. 221—Anubis fuscoirroratus, *Stal, Hem. Afr.* i. 222.

a—f. Natal. From M. Guienzius' collection.

49. Rhaphigaster pallescens.

Cimex pallescens, *Germ. Silb. Rev. Ent.* v. 175—Rhaphigaster pallescens, *H.-Sch. Wanz. Ins.* viii. 11—Rhaphigaster flavulus, *Stal, Ofv. K. Vet. Ak. Forh.* 1853, 221—Nezara pallescens, *Stal, Hem. Afr.* i. 198.

Cape. Natal.

50. Rhaphigaster teretipes.

Nezara teretipes, *Stal. Hem. Afr.* i. 198.

Nubia.

51. Rhaphigaster nigropunctatus.

nigropunctatus, *Fairm. Arch. Ent.* ii. 288—prasinus, *var.*?

Gabon.

52. Rhaphigaster purus.

purus, *Stal, Ofv. K. Vet. Ak. Forh.* 1853, 221—Nezara pura, *Stal, Hem. Afr.* i. 198.

Natal.

53. Rhaphigaster Dohrni.

Nezara Dohrni, *Stal, Hem. Afr.* i. 195.

Calabar.

54. Rhaphigaster punctato-rugosus.

punctato-rugosus, *Stal, Ofv. Vet. Ak. Forh.* 1858, 437—Nezara punctato-rugosa, *Stal, Hem. Afr.* i. 196.

Calabar.

a. Fernando Po. From Mr. Stevens' collection.
b. Angola. Presented by J. J. Monteiro, Esq.

55. Rhaphigaster Fieberi.

Nezara Fieberi, *Stal, Hem. Afr.* i. 196.

Gabon.

56. Rhaphigaster inexpertus.

Pallide testaceus, longi-ellipticus, sat vage punctatus; antennæ corporis triente non longiores; thorax non callosus; abdomen apice integrum; spina ventralis coxas medias attingens; pedes breviusculi; membranæ limpida.

Pale testaceous, elongate-elliptical, rather roughly and thinly punctured. Head conical; lobes of equal length. Rostrum extending to the middle coxæ; tip black. Antennæ about one-third of the length of the body; joints successively increasing in length; first not extending to the front of the head. Thorax without calli; hind angles rounded, hardly prominent. Abdomen entire at the tip; spiracles black; ventral spine extending to the middle coxæ. Legs rather short. Fore wings punctured like the body; membrane pellucid. Length of the body $4\frac{1}{2}$ lines.

It may be distinguished from *R pallescens* by having no prominent keel between the fore coxæ, from *R. teretipes* by the thorax without any band, and from *R. purus* by the tibiæ, which are not compressed. It seems to have some affinity to *Edessa*.

a. Gambia. Presented by W. W. Saunders, Esq.

57. Rhaphigaster rufoviridis.

Prasinus, latiusculus, aspere punctatus; caput rufescente submarginatum; antennæ fulvæ; thoracis anguli postici rufescentes; scutellum rufescente submarginatum; abdominis dorsum rufum, viridi marginatum; spina ventralis coxas posticas non superans; pedes flavescente virides, tibiis non sulcatis; alæ anticæ rufæ, membrana sublimpida basi lutea fuscescente marginata.

Grass-green, oval, rather broad, roughly punctured. Head slightly bordered with reddish; lobes of equal length. Rostrum extending a little beyond the hind coxæ; tip black. Antennæ tawny, a little more than half the length of the body; joints successively increasing in length; first not extending to the front of the head. Thorax with the hind angles reddish, rounded, slightly prominent. Scutellum slightly bordered with reddish. Abdomen above bright red; connexivum green; under side with a pale testaceous disk; ventral spine not extending beyond the hind coxæ. Legs pale yellowish green; tibiæ not furrowed. Fore wings red; membrane nearly pellucid, except the basal part, which is luteous and bordered with pale brown. Hind wings cinereous; veins blackish; costal vein red. Length of the body 4 lines.

a. Gambia. Presented by W. W. Saunders, Esq.

Madagascar.

58. Rhaphigaster pallidoconspersus.

pallidoconspersus, *Stal, Ofv. Vet. Ak. Forh.* 1858, 437—Nezara flavopunctata, *Sign. A. S. E. F. 3me Ser.* viii. 935—Nezara pallido-conspersa, *Stal, Hem. Afr.* i. 196.

Madagascar.

Hindostan.

59. Rhaphigaster humeralis, *C. H.* 278.

a. Silhet. From Mr. Argent's collection.

60. Rhaphigaster flavolineatus, *C. H.* 283.

Nezara flavolineata, *Mayr, Novara Hem.* 67.

Ceylon.

a. North Bengal. From Lieut. Campbell's collection.
b, c. Hindostan. Presented by W. W. Saunders, Esq.
d. Philippine Isles. From Mr. Cuming's collection.
e. Navigators' Isles.
f. ———? From Mr. Children's collection.

61. Rhaphigaster macracanthus, *C. H.* 289.

a. North Hindostan. From Capt. Boyes' collection.
b. Cahar. Presented by J. C. Bowring, Esq.

62. Rhaphigaster dorsalis.

dorsalis, *Dohrn, Stett. Ent. Zeit.* xxi. 401.

Ceylon.

63. Rhaphigaster strachioides.

Luteus, nigro punctatus; caput nigrum, luteo quinque vittatum; antennæ fulvæ; thorax vitta antica nigra abbreviata strigas duas luteas interruptas includente; scutellum maculis duabus nigris lateralibus subapicalibus; pectus et venter nigro trivittata; pedes rufescentes; alæ anticæ nigro unimaculatæ.

Luteous, oval, thinly and rather finely punctured; punctures black. Head black, with five luteous stripes, of which the inner pair are forked in front and the outer pair are irregular and border the eyes; lobes of equal length. Rostrum black towards the tip, extending to the hind coxæ. Antennæ tawny, less than half the length of the body; joints successively increasing in length; first joint not extending to the front of the head. Thorax in front with an abbreviated black band, which is dilated on each side, where it contains an interrupted luteous streak; space about the band smooth; hind angles much rounded, not prominent. Scutellum with a callus on each angle at the base, and with a black spot on each side near the tip. Pectus with three black stripes. Abdomen beneath with three stripes of triangular black spots; of these the lateral spots are connected. Legs reddish, short, stout. Fore wings with a black spot in the disk of the corium; membrane pellucid. Length of the body $2\frac{3}{4}$ lines.

a. Hindostan. Presented by W. W. Saunders, Esq.

64. Rhaphigaster rubriplaga.

Testaceus, dense punctatus; capitis latera nigro lineata; rostrum coxas medias attingens; antennæ fulvæ, corporis dimidio breviores; thorax transverse subimpressus, postice rufo biplagiatus; scutellum maculis duabus fasciaque subapicali rufis; abdominis dorsum nigro bivittatum; spina ventralis coxas medias attingens; alæ anticæ macula apicali rufa.

Testaceous, nearly oval, thickly punctured, slightly shining. Head with a black slender marginal line along each side; lobes of equal length. Rostrum extending to the middle coxæ. Antennæ tawny, less than half the length of the body; joints successively and slightly increasing in length; first not extending to the front of the head. Thorax slightly and transversely impressed on each side in front; a red patch on each side between the hind angles, which are slightly rounded and not prominent. Scutellum with a red spot on each side near the base and with a red band near the tip. Abdomen with a black stripe on each side above and with an incomplete brown stripe on each side beneath; tip truncate; ventral spine extending to the middle coxæ. Legs rather short and stout. Fore

wings with a red spot on the tip of the corium near the costa; membrane and hind wings pellucid. Length of the body $3\frac{1}{4}$ lines.

This species has some affinity to the genus *Acanthosoma*.

a. Hindostan. From Mr. Stevens' collection.

65. Rhaphigaster bisignatus.

Testaceus, longi-ellipticus, nigro dense punctatus; antennæ nigræ, basi fulvæ; thorax lituris duabus anticis transversis nigris testaceo signatis; scutellum guttis duabus lateralibus subapicalibus nigricantibus; abdomen nigrum, testaceo marginatum et subtus bivittatum; spina ventralis obtusa, brevissima; alæ anticæ plaga apicali fusca albido marginata, membrana lurida.

Testaceous, elongate-elliptical, thickly and minutely punctured; punctures black. Lobes of the head equal in length. Eyes rather prominent. Rostrum extending nearly to the hind coxæ; tip black. Antennæ black, nearly half the length of the body; first and second joints tawny; first not extending to the front of the head; third a little longer than the second; fourth much longer than the third; fifth not longer than the fourth. Thorax transversely and very slightly impressed in front; a transverse triangular black mark with a testaceous disk on each side in front of the impression. Scutellum less thickly punctured than the thorax; a blackish dot on each side near the tip. Abdomen black; connexivum testaceous; under side with two testaceous stripes which do not extend to the tip. Ventral spine obtuse, extremely short, not extending to the hind coxæ. Femora and tibiæ with tawny tips; tibiæ slightly furrowed; tarsi tawny. Corium of the fore wings with a brown apical patch, which is bordered on its inner side by an incomplete whitish band, the latter not punctured; membrane lurid. Hind wings pellucid, pale lurid towards the tips. Length of the body 3 lines.

a. Hindostan. From Mr. Stevens' collection.

66. Rhaphigaster patulus.

Pallide testaceus, latus, subellipticus, vage punctatus; caput antice nigro punctatum; antennæ graciles, corporis dimidio breviores; thorax antice nigro punctatus, angulis posticis amplis vix acutis; pectoris latera albido-testacea; spina ventralis coxas medias attingens; alæ anticæ apud costam nigro punctatæ, membrana limpida.

Pale testaceous, ample, nearly elliptical, thinly punctured. Head black-punctured in front; lobes of equal length. Rostrum extending to the hind coxæ; tip black. Antennæ slender, less than half the length of the body; first joint not extending to the front of the head; second much shorter than the third; fourth longer than the third. Thorax black-punctured; the punctures more thick in front, excepting a transverse abbreviated slightly undulating line; hind angles prominent, hardly acute. Scutellum attenuated towards the tip. Pectus not keeled; sides whitish testaceous. Abdomen of the male excavated at the tip; ventral spine extending to the middle coxæ. Legs slender. Fore wings with black

punctures along the costa; membrane and hind wings pellucid. Length of the body 7½—9 lines.

a, *b*. North Hindostan.

Australasia.

67. Rhaphigaster spinosus, *C. H.* 278.

a. Philippine Isles. From Mr. Cuming's collection.

68. Rhaphigaster spectandus.

spectandus, *Stal*, *Eur. Resa*, 230.

Malacca.

69. Rhaphigaster confluentus.

Nezara confluenta, *Mtrz. A. S. E. F. 4me Ser.* i. 65—Piezodorus confluentus, *Stal*, *A. S. E. F. 4me Ser.* v. 169.

New Caledonia.

70. Rhaphigaster raropunctatus.

Nezara raropunctata, *Ellenr. Nat. Tijd. Nederl. Indie*, xxiv. 156, f. 24.

Java.

71. Rhaphigaster griseipennis.

Nezara griseipennis, *Ellenr. Nat. Tijd. Nederl. Indie*, xxiv. 157, f. 25.

Sumatra.

72. Rhaphigaster pellucidus.

Nezara pellucida, *Ellenr. Nat. Tijd. Nederl. Indie*, xxiv. 157, f. 26.

Sumatra.

73. Rhaphigaster guttipennis.

guttipennis, *Ellenr. Nat. Tijd. Nederl. Indie*, xxiv. 158, f. 27.

Sumatra.

74. Rhaphigaster albidens.

albidens, *Ellenr. Nat. Tijd. Nederl. Indie*, xxiv. 159, f. 28.

Sumatra.

75. Rhaphigaster nigrifascia.

Niger, latus, nitens, subpunctatus; caput lateribus oblique striatis, disco subtus flavescente; antennæ corporis dimidio breviores; thorax flavescens, strigis duabus anticis transversis fasciaque undulata

utrinque attenuata nigris; scutellum flavescens, apicem versus nigrum; pectus flavescente bifasciatum; spina ventralis brevissima; pedes robusti, femoribus posterioribus basi flavescentibus; membrana nigricans, cinereo pallido marginata.

Black, broad, oval, shining, very thinly punctured. Head obliquely and finely striated on each side; sides hardly reflexed; lobes of equal length; disk beneath yellowish. Rostrum extending to the hind coxæ. Antennæ slender, a little less than half the length of the body; first joint not extending to the front of the head; second very much shorter than the third; fourth longer than the third, shorter than the fifth. Thorax yellowish, with a transverse black streak on each side near the fore border and with an irregular black band which is undulating in front, attenuated on each side, and of which the middle part joins the hind border. Scutellum yellowish for nearly half the length from the base, black from thence to the tip, which is rather broad. Pectus yellowish about the coxæ and with two yellowish bands. Ventral spine obtuse, very short, not extending to the hind coxæ. Legs stout; posterior femora towards the base, coxæ and trochanters yellowish. Membrane of the fore wings blackish, with a pale cinereous border. Length of the body 6 lines.

a. Wagiou. Presented by W. W. Saunders, Esq.

Var. *Niger; caput luteo bimaculatum et bivittatum, subtus flavum; thorax luteus, strigis duabus anticis transversis, maculis duabus lateralibus, plagis duabus posticis lateribusque nigris; scutellum luteum, vitta postica nigra latissima subfurcata; pectus flavum, strigis sex transversis maculisque duabus nigris; venter luteus, lateribus nigro maculatis; pedes basi flavi; alæ anticæ luteo uniguttatæ.*

Var. Black beneath. Head with a luteous spot on each side; lateral lobes luteous along the middle lobe; under side yellow. Thorax luteous; two patches on the hind border, a spot near each hind angle, two transverse streaks in front and sides black. Scutellum luteous; apical part black, forked in front. Pectus yellow; three transverse black streaks on each side; a black spot on each side between the second and third streaks. Abdomen beneath with black lateral spots. Legs black; femora towards the base and coxæ pale yellow. Fore wings with a luteous subcostal postmedial dot. Length of the body 7 lines.

b. Wagiou. Presented by W. W. Saunders, Esq.

76. Rhaphigaster continuus.

Piceus, ovatus, dense punctatus, subtus testaceus; caput parvum, antice testaceum, lateribus subreflexis; rostrum coxas intermedias attingens; antennæ testaceæ; thorax lituris sex lateralibus fasciaque postica flavis glabris; scutellum strigis nonnullis apiceque testaceis; pectus piceo biplagiatum; venter vitta maculari nigra; femora posteriora fusco unimaculata, membrana pallide cinerea.

Piceous, oval, thickly and minutely punctured, testaceous beneath. Head small, testaceous along the fore border; sides slightly reflexed; lobes

of equal length. Rostrum testaceous, extending to the middle coxæ; tip black. Antennæ testaceous; joints successively increasing in length; first not extending to the front of the head. Thorax with three smooth irregular testaceous marks on each side in front and with a smooth yellow band between the hind angles, which are very much rounded. Scutellum extending a little beyond the angle of the corium, with some irregular testaceous streaks and with a testaceous tip. Pectus with a large piceous patch on each side. Abdomen beneath with a stripe of four black spots; ventral spine hardly extending beyond the hind coxæ. Legs testaceous; posterior femora with a brown spot near the tip. Fore wings with a pale cinereous membrane. Length of the body 4 lines.

a. Mysol. Presented by W. W. Saunders, Esq.

77. Rhaphigaster interruptus.

Ferrugineo-fuscus, ovatus, rude punctatus, subtus testaceus; antennæ testaceæ; thorax e maculis quatuor flavis fasciatus, callis duobus transversis atomisque nonnullis testaceis; scutellum guttis quatuor basalibus, plagis duabus lateralibus apiceque flavis; venter vitta maculari fusca, spina coxas posticas vix superante; alæ anticæ rufescentes, fusco nebulosæ, membrana cinerea fusco uniplagiata.

Ferruginous-brown, oval, thinly and roughly blackish punctured; under side testaceous, with brown punctures. Head with the sides very slightly reflexed; lobes of equal length. Rostrum extending to the hind coxæ. Antennæ testaceous. Thorax with a transverse testaceous callus on each side in front and with some testaceous points; four yellow spots forming a band between the hind angles, which are much rounded. Scutellum with four yellow basal dots and with a yellow patch on each side near the tip, which is also yellow. Abdomen beneath with a stripe of brown spots; ventral spine hardly extending beyond the hind coxæ. Fore wings reddish, mottled with brown; membrane cinereous, with a brown patch in the disk. Length of the body 4 lines.

a. Mysol. Presented by W. W. Saunders, Esq.

Australia.

78. Rhaphigaster Amyoti, *C. H.* 278.

a. New South Wales. From Mr. Wood's collection.
b. New Zealand. Presented by Dr. Sinclair.
c—j. New Zealand. Presented by Dr. Hooker.

79. Rhaphigaster virescens, *C. H.* 284.

a. King George's Sound. Presented by Capt. Grey.

80. Rhaphigaster armatus, *C. H.* 291.

a. New South Wales. From Dr. Stephenson's collection.
b. South Australia. Presented by R. Bakewell, Esq.

81. Rhaphigaster pentatomoides.

Testaceus, ellipticus, nigro punctatus, nonnunquam rufo varius; caput longiusculum, supra nigrum vittis duabus lateribusque testaceis; antennæ nigræ, articulis basi testaceis; thorax transverse impressus; scutellum disco antico vittaque postica nigris; pectoris discus æneus; abdomen guttis sex maculaque posteriore nigris ventralibus, spina coxas posticas attingente; pedes graciles, femoribus supra tibiis apice tarsisque nigris; alæ anticæ macula postmedia nigra, membrana nigricante.

Testaceous, elliptical, black-punctured, sometimes tinged with red. Head elongate; upper side black, with a testaceous stripe and testaceous sides; lobes of equal length. Rostrum extending to the hind coxæ; tip black. Antennæ black, less than half the length of the body; joints testaceous at the base; first testaceous, not extending to the front of the head; third a little more than half the length of the second; fourth much longer than the third; fifth shorter than the fourth. Thorax in front with a slight transverse impression, which is irregularly bordered with black; sides smooth, very slightly reflexed; hind angles rounded, hardly prominent. Scutellum with a testaceous callus on each side at the base; disk of the fore part black, emitting a black stripe nearly to the tip, which is smooth. Pectus between the coxæ æneous. Abdomen above metallic-green; connexivum with testaceous dots; under side with three black dots on each side and with a posterior heart-shaped black spot; ventral spine extending to the hind coxæ. Legs slender; femora above, tarsi and tips of tibiæ black. Fore wings with a black spot in the disk beyond the middle; membrane blackish. Hind wings cinereous; veins blackish. Length of the body 5—5½ lines.

a. Australia. From Mr. Damel's collection.
b. Moreton Bay. From Mr. Diggles' collection.
c. Tasmania. Presented by W. W. Saunders, Esq.
d. New Zealand. Presented by Col. Bolton.

82. Rhaphigaster viridipes.

Testaceus, ellipticus, rude punctatus; caput longiusculum; antennæ nigro fasciatæ; scutellum ferrugineum, apice flavum glabrum; abdomen supra nigrum, flavo marginatum, spina ventrali obtusa brevissima; pedes pallide virides; alæ anticæ ferrugineæ, costa basi pallide flava, membrana fuscescente-cinerea.

Testaceous, elliptical, roughly punctured; punctures black above, red beneath. Head somewhat elongate; lobes of equal length. Rostrum extending to the hind coxæ. Antennæ less than half the length of the body; first joint not extending to the front of the head; third black towards the tip, very much shorter than the second; fourth black, except at the base, as long as the second; fifth black, testaceous towards the base and at the tip, longer than the fourth. Thorax with a transverse irregular callus near the fore border; sides hardly reflexed; hind angles much rounded, not prominent. Scutellum ferruginous, yellow and smooth

towards the tip. Abdomen black above; connexivum pale yellow; spiracles black; ventral spine obtuse, not extending to the hind coxæ. Legs pale green; tibiæ furrowed; tarsi tawny. Fore wings ferruginous; costa pale yellow towards the base; membrane brownish cinereous. Length of the body $4\frac{1}{2}$ lines.

Queensland. In the National Museum at Melbourne.

83. Rhaphigaster perfectus.

Fulvus, longi-ellipticus, dense punctatus, subtus testaceus; thorax testaceo marginatus et nonnunquam subconspersus, spinis duabus lateralibus longis validis acutis; scutellum nigricante fasciatum, apicem versus pallide flavum; abdomen dorso nigro maculis lateralibus testaceis, spina ventrali coxas medias paullo superante; pedes pallide testacei, sat graciles.

Tawny, elongate-elliptical, thickly and rather roughly black-punctured, testaceous beneath. Head elongate, with two slight longitudinal ridges; lobes of equal length. Rostrum extending to the hind coxæ. Antennæ a little more than half the length of the body; first joint not extending to the front of the head; third a little longer than the second and than the fourth; fifth shorter than the fourth. Thorax bordered and sometimes slightly speckled with testaceous; hind angles forming two long stout acute directly diverging spines. Scutellum with a blackish band beyond the middle, pale yellow from thence to the tip. Abdomen black above; connexivum with testaceous spots; ventral spine extending a little beyond the middle coxæ. Legs pale testaceous, rather slender. Membrane of the fore wings pale cinereous; veins brown. Hind wings pellucid; veins pale. Length of the body $4\frac{1}{2}$—5 lines.

a, *b*. Australia. From Mr. Damel's collection.
c. Moreton Bay. From Mr. Diggles' collection.
d. New Zealand. Presented by Col. Bolton.

84. Rhaphigaster extenuatus.

Testaceus, longi-ovatus, dense punctatus; antennæ rufæ, basi pallide testaceæ, corporis triente non longiores; thorax transverse subcarinatus; spiracula fusca; spina ventralis coxas posticas attingens; pedes breves; membrana limpida.

Testaceous, elongate-oval, thickly and minutely punctured; punctures of the ground hue. Head short; lobes of equal length. Rostrum extending to the hind coxæ. Antennæ red, hardly one-third of the length of the body; first and second joints pale testaceous; first not extending to the front of the head; third pale testaceous at the base, a little longer than the second; fourth longer than the third; fifth as long as the fourth. Thorax with a slight transverse ridge between the hind angles, which are rounded and not prominent; no calli nor transverse impression in front. Spiracles brown. Ventral spine extending to the hind coxæ. Legs short, pale testaceous. Membrane of the fore wings pellucid. Length of the body 5 lines.

It somewhat resembles *R. virescens*, from which it may be distinguished by its longer body, by its shorter head, and by the transverse ridge of the thorax.

a. Moreton Bay. From Mr. Diggles' collection.

85. Rhaphigaster venustulus.

Pallide luteus, ellipticus, nigricante punctatus; caput postice fuscum; antennæ apice nigricantes, corporis dimidio breviores; thorax fascia glabra abbreviata maculam fuscam includente; scutellum sordide luteum, vittis duabus obliquis vittaque posteriore flavis; spina ventralis coxas posticas superans; alæ anticæ striga maculaque fuscis.

Pale luteous, elliptical, with minute blackish punctures, a little paler beneath. Head brown along the middle part of the hind border; middle lobe extending a little beyond the lateral lobes. Rostrum black towards the tip, extending to the hind coxæ. Antennæ much less than half the length of the body; first joint not extending to the front of the head; second much longer than the third; fourth blackish at the tip, a little longer than the second; fifth blackish, except at the base, nearly as long as the fourth. Thorax with a very slight transverse impression, in front of which there is an abbreviated smooth band, the latter containing a brown spot; hind angles much rounded, not prominent. Scutellum dingy luteous, with two oblique yellow stripes, which join a posterior middle yellow stripe. Ventral spine extending beyond the hind coxæ. Legs short, stout. Fore wings with a brown streak and a brown spot joining the outer border of the corium, the spot on the hind angle; membrane pale cinereous. Length of the body 2½ lines.

Like *R. strachioides* in structure.

Queensland. In the National Museum at Melbourne.

86. Rhaphigaster obliquus.

Rufescente-fulvus, ovatus, dense punctatus; caput latiusculum; antennæ corporis dimidio non longiores, apices versus nigricantes; thorax marginibus anticis albidis, spinis duabus crassis subascendentibus apice rotundatis; scutellum maculis duabus basalibus apiceque pallide flavescentibus; pectus rufo plagiatum; venter vittis quatuor ferrugineis indeterminatis, spina crassa coxas anticas attingente; alæ anticæ striga albida obliqua, membrana cinerea.

Reddish tawny, oval, thickly punctured, testaceous beneath. Head rather broad; lobes of equal length. Rostrum extending nearly to the hind coxæ; tip black. Antennæ about half the length of the body; first joint extending very much beyond the head; second shorter than the first, as long as the third; fourth and fifth blackish, a little shorter than the third. Thorax with a dingy whitish stripe along each side in front; hind angles forming two very stout slightly ascending directly diverging spines, whose tips are rounded. Scutellum with an irregular pale yellowish spot on each side at the base; tip pale yellowish. Pectus with some red patches on each side. Abdomen beneath with four incomplete ferruginous stripes; basal spine thick, extending to the fore coxæ. Legs rather stout. Fore

wings with a whitish oblique streak extending to the disk from the base of the costa; membrane cinereous. Length of the body 3¾ lines.

Adelaide. In the National Museum at Melbourne.

Country unknown.

87. Rhaphigaster Parnisus, *C. H.* 279.

a. ——? Presented by J. G. Children, Esq.
b. ——?

88. Rhaphigaster parvulus, *C. H.* 279.

a. ——?

89. Rhaphigaster anticus, *C. H.* 283.

a. ——?

90. Rhaphigaster fulvescens, *C. H.* 283.

a. ——?

91. Rhaphigaster mensor.

mensor, *H.-Sch. Wanz. Ins.* viii. 7, pl. 226, f. 713.

92. Rhaphigaster rugiventris.

rugiventris, *H.-Sch. Wanz. Ins.* viii. 11.

93. Rhaphigaster acutus.

acutus, *H.-Sch. Wanz. Ins.* ix. 318.

94. Rhaphigaster biplaga.

Prasinus, longi-ellipticus, dense punctatus, subtus pallide testaceo-viridis; capitis latera vix reflexa; antennæ nigræ; thorax maculis duabus posticis nigris magnis subquadratis, lateribus flavis; scutellum apice flavum; alæ anticæ costa basi flava, membrana limpida.

Grass-green, elongate-elliptical, roughly and thickly punctured, paler and with a testaceous tinge beneath. Sides of the head hardly reflexed; lobes of equal length. Rostrum extending to the hind coxæ. Antennæ black. Thorax with a transverse callus on each side in front; a large black subquadrate spot on each side of the hind border; sides yellow; hind angles rounded, slightly prominent. Scutellum with a yellow tip. Ventral spine very short. Legs testaceous. Costa of the fore wings yellow towards the base; membrane pellucid. Length of the body 7 lines.

Much narrower than *R. prasinus*, to which it is most nearly allied.

a. ——?

95. Rhaphigaster parilis.

Fulvus, longi-ellipticus, fusco-punctatus, subtus luteus; antennæ corporis dimidio breviores; thorax lituris anticis glabris; spina ventralis coxas medias attingens; membrana cinerea.

Tawny, elongate-elliptical, roughly and rather thickly punctured; punctures brown; under side luteous. Head broad and much rounded in front; lobes of equal length. Rostrum extending to the middle coxæ; tip black. Antennæ less than half the length of the body; joints successively increasing in length; first extending nearly to the front of the head. Thorax with some small smooth spaces in front; hind angles rounded, not prominent. Ventral spine extending to the middle coxæ. Membrane of the fore wings cinereous. Length of the body 6 lines.

Like *R. purpureipennis* in structure.

a. ——— ? Presented by W. W. Saunders, Esq.

96. Rhaphigaster impar.

Pallide testaceus, ellipticus; caput nigro marginatum; antennæ nigræ; thorax lateribus nigris, angulis posticis subacutis; scutellum fascia lata viridi, spatio apicali fusco maculam viridem includente; abdomen ochraceum, nigro submarginatum, spina ventrali fusca coxas posticas attingente; pedes pallide virides, tibiis tarsisque nigris.

Pale testaceous, elliptical, minutely punctured. Head bordered with black; lobes of equal length. Rostrum mostly black above, extending to the hind coxæ. Antennæ black. Thorax bordered with black on each side; hind angles slightly acute, not prominent. Scutellum with a broad pale green band beyond the middle; apical part brown, including a pale green apical spot. Abdomen ochraceous, slightly bordered with black; ventral spine brown, extending to the hind coxæ. Legs pale green; femora darker at the tips; tibiæ and tarsi black, the former furrowed. Membrane of the fore wings colourless. Length of the body 6 lines.

Much like *R. prasinus* in structure.

a. ——— ? From the Zoological Society's collection.

Genus 39. UDITTA.

Uditta, *Stal*, *Rio Jan. Hem.* 23.

1. Uditta impicta.

impicta, *Stal*, *Rio Jan. Hem.* 24.

Rio Janeiro.

Genus 40. ONCOMA.

Oncoma, *Fieb. Hem.* 333.

1. Oncoma Germari.

Rhaphigaster Germari, *Kol. Mel.* 184, pl. 16, f. 38 — Oncoma Germari, *Fieb. Hem.* 333.

Russia.

Genus 41. PRIONACA, *C. H.* 291.

1. Prionaca lata, *C. H.* 291.

a. Silhet. From Mr. Stainforth's collection.

2. Prionaca tortuosa.

Testacea, ovata, rude fusco punctata; caput tricarinatum, lobis lateralibus lobum medium superantibus; antennæ fulvæ, corporis dimidio vix breviores; thorax rugis nonnullis anticis glabris indeterminatis, spinis lateralibus longis robustis; abdomen dorso fusco, spina ventrali coxas posticas attingente; membrana cinerea, venis fuscis tortuosis.

Testaceous, oval, thickly and roughly punctured; punctures and some of the intervening spaces brown. Head with three slight keels; lateral lobes extending beyond the middle lobe. Rostrum extending to the hind coxæ. Antennæ tawny, nearly half the length of the body; first joint not extending to the front of the head. Thorax with some smooth slightly rugulose spaces near the fore border; hind angles forming two long stout acute spines, which are slightly inclined forward. Abdomen brown above; ventral spine extending to the hind coxæ. Membrane of the fore wings cinereous, lurid at the base; veins brown, undulating. Hind wings cinereous. Length of the body 5½ lines.

The veins in the membrane of the fore wings sufficiently distinguish this species from *P. lata.*

a. Sarawak. Presented by W. W. Saunders, Esq.

3. Prionaca tauricornis.

Testacea, lata, ovata, aspere punctata, fusco dense conspersa; caput longiusculum, lobis lateralibus lobum medium perpaullo superantibus; antennæ rufescentes, graciles, corporis dimidio longiores; thorax spinis duabus lateralibus longis validis subobliquis postice dentatis; scutellum sat magnum; spina ventralis coxas posticas attingens; membrana cinerea, venis fuscis bene determinatis.

Testaceous, broad, oval, roughly punctured, thickly speckled with brown. Head elongate; lateral lobes extending very little beyond the middle lobe. Rostrum extending to the hind coxæ. Antennæ reddish, slender, more than half the length of the body; first joint extending nearly to the front of the head. Thorax slightly rugulose in front; hind angles forming two long stout acute slightly oblique spines, which are dentate on the hind side. Scutellum rather long and broad. Ventral spine extending to the hind coxæ. Legs stout; tibiæ slightly furrowed. Membrane of the fore wings cinereous; veins brown, strongly marked. Length of the body 5—5½ lines.

The spines of the thorax are longer than those of the preceding species.

a. Sumatra. From Sir Stamford Raffles' collection.
b. ——? Presented by W. W. Saunders, Esq.

Genus 42. ANISCHYS, *C. H.* 292.

1. Anischys sparsus, *C. H.* 292.

Rhaphigaster fuscosparsus, *Stal, Ofv. K. Vert. Ak. Forh.* 1853, 221 — Anubis sparsus, *Stal, Hem. Afr.* i. 221.

a. Cape.

2. Anischys luteovarius, *C. H.* 292.

a. Australia. Presented by Sir J. Richardson.
b. S. Australia. Presented by R. Bakewell, Esq.
c. Australia. From Mr. Damel's collection.

Genus 43. RHOPALIMORPHA, *C. H.* 293.

1. Rhopalimorpha obscura, *C. H.* 293.

a. New Zealand. Presented by Dr. Sinclair.
b. New Zealand. Presented by Dr. Hooker.
c—e. New Zealand. Presented by Col. Bolton.

2. Rhopalimorpha humeralis.

Testacea, fusiformis, dense punctata, vix convexa ; antennæ apice nigræ, corporis triente vix longiores ; thorax fusco bivittatus, lateribus membranaceis semihyalinis subdilatatis ; scutellum attenuatum ; pectus subcarinatum ; spina ventralis coxas posticas attingens ; pedes breves.

Testaceous, fusiform, rather flat, thickly and finely punctured. Head rather broad ; lobes of equal length. Rostrum extending nearly to the hind coxæ. Antennæ little more than one-third of the length of the body ; first joint extending beyond the front of the head ; second a little longer than the third ; fourth much longer than the third ; fifth black, testaceous at the base, a little longer than the fourth. Sides of the thorax slightly dilated, membranous, semihyaline ; a brown stripe along the membranous part ; hind angles much rounded, not prominent. Scutellum attenuated towards the tip. Pectus with a slight keel. Ventral spine extending to the hind coxæ. Legs short. Hind wings and membrane of the fore wings cinereous. Length of the body 2½ lines.

Queensland. In the National Museum at Melbourne.

Genus 44. DUADICUS, *C. H.* 293.

1. Duadicus pallidus, *C. H.* 294.

a, b. Australia. Presented by Sir J. Richardson.
c. New South Wales. From Dr. Stephenson's collection.
d. Australia. From Mr. Damel's collection.

2. Duadicus recurvus.

Testaceus, ovatus, rude punctatus ; thorax fascia antica glabra indeterminata, spinis duabus validis subrecurvis subascendentibus apice nigricantibus ; spina ventralis crassa, caput attingens ; pedes robusti ; membrana pellucida.

Testaceous, oval, roughly punctured. Head short; middle lobe extending very little beyond the lateral lobes. Rostrum extending to the hind coxæ; tip black. Thorax with a very incomplete smooth band in front; hind angles forming two stout slightly recurved and ascending spines, whose tips are blackish. Pectus not keeled. Abdomen unarmed at the tip; basal spine very stout, extending to the base of the antennæ. Legs stout; tarsi two-jointed. Membrane of the fore wings pellucid. Length of the body 4 lines.

a. New South Wales. Presented by W. W. Saunders, Esq.

3. Duadicus telifer.

Testaceus, ovatus, rude punctatus; caput lateribus subreflexis, lobo medio lobos laterales paullo superante; antennæ corporis dimidio non longiores; thorax fascia lateribusque cyaneis, spinis duabus rectis longissimis; venter fuscus, lineis duabus marginalibus maculisque octo flavis, spina basali caput attingente; alæ anticæ macula costali lutea, membrana cinerea.

Testaceous, oval, roughly punctured. Head nearly triangular; sides slightly reflexed; middle lobe extending a little beyond the lateral lobes. Rostrum extending to the hind coxæ; tip black. Antennæ slender, about half the length of the body; first joint not extending to the front of the head; second very much shorter than the third. Thorax with a slight ridge, accompanied by a blue band between the spines; a transverse smooth space on each side in front; sides and the spines blue; the latter acute, slightly ascending, a little longer than half the space between them. Pectus not keeled. Abdomen brown beneath; two yellow marginal lines not extending to the tip; four yellow spots along each side; basal spine thick, extending to the head. Legs stout; femora brownish. Fore wings with black punctures; a luteous costal spot near the base; membrane cinereous. Length of the body 4¼ lines.

This species and *D. recurvus* form a section in the genus, and differ somewhat in structure from *D. pallidus*, which is the type.

a. Moreton Bay.

Genus 45. STAURALIA, *C. H.* 294.

1. Stauralia chloracantha, *C. H.* 295.

a. Australia.

2. Stauralia crassicornis.

Testacea, sat plana, fulvo dense punctata; capitis lobus medius lobos laterales vix superans; rostrum coxas medias non attingens; antennæ rufæ, validæ, apice nigræ, corporis dimidio breviores; thorax callis duobus anticis transversis indeterminatis; scutellum fusco unimaculatum; abdomen dorso rufo, spina ventrali coxas anticas attingente.

Testaceous, nearly elliptical, rather flat, thickly and minutely punctured; punctures tawny; under side pale yellow. Head somewhat pointed; middle lobe hardly extending beyond the lateral lobes. Rostrum not extending to the middle coxæ; tip black. Antennæ red, robust, a little less than half the length of the body; first joint extending much beyond the

front of the head; second longer than the third; fourth subclavate, as long as the third; fifth elongate-fusiform, black except at the base, a little longer than the fourth. Thorax with an irregular transverse smooth space on each side near the fore border; hind angles obtuse, not prominent. Scutellum attenuated towards the tip, with a large brown spot in the disk. Abdomen red above; ventral spine extending to the fore coxæ. Legs rather short; femora stout. Membrane of the fore wings pellucid. Length of the body 4½ lines.

a. Adelaide. From Mr. Stevens' collection.

3. Stauralia terminalis.

Testacea, fulvo dense punctata; caput strigis quatuor posticis glabris, lobo medio lobos laterales perpaullo superante; rostrum coxas medias attingens; antennæ apice nigræ, corporis dimidio breviores; thorax spatiis quatuor anticis glabris, angulis posticis subobtusis; scutellum attenuatum; spina ventralis coxas anticas superans.

Testaceous, oval, roughly and thickly punctured; punctures tawny. Head with four smooth streaks on the hind border; middle lobe extending very little beyond the lateral lobes. Rostrum black towards the tip, extending to the middle coxæ. Antennæ stout, less than half the length of the body; first joint extending much beyond the front of the head; second longer than the third; fourth a little longer than the third; fifth black, elongate-fusiform, testaceous at the base, longer than the fourth. Thorax with a slight transverse impression, which borders four anterior smooth spaces; hind angles slightly obtuse and prominent. Scutellum attenuated towards the tip. Ventral spine extending beyond the fore coxæ. Femora rather thick. Membrane of the fore wings colourless. Length of the body 3½ lines.

a. Melbourne. From Mr. Edwards' collection.

Genus 46. AMPHACES, *C. H.* 295.

1. Amphaces ferruginea, *C. H.* 295.

a. Australia. Presented by the Entomological Club.
b, c. Australia. From Mr. Argent's collection.
d. Tasmania. From Mr. A. J. Smith's collection.
e. S. Australia. Presented by R. Bakewell, Esq.

2. Amphaces proxima, *C. H.* 296.

a. Australia. Presented by Sir J. Richardson.
b. Australia. From Mr. Argent's collection.

3. Amphaces virescens.

virescens, *Dallas, Trans. Ent. Soc. New Ser.* ii. 14, pl. 1, f. 6.

Australia.

4. Amphaces languida.

languida, *Stal, Eug. Res.* 230.

Sydney.

Genus 47. CUSPICONA, *C. H.* 296.

Asia.

1. Cuspicona crassa, *C. H.* 297.

a. China. Presented by J. C. Bowring, Esq.

2. Cuspicona plagiata.

Testacea, longi-ovata, scite punctata; caput transverse striatum, nigro marginatum; rostrum coxas posticas attingens; antennæ nigræ, graciles, corporis dimidio non longiores; thorax antice glaber, spinis duabus longis acutis nigro vittatis; pectoris carina coxas anticas superans; abdomen spinis lateralibus nigris, plaga ventrali sub-apicali purpurea; pedes sat graciles; membrana æneo-fusca.

Testaceous, elongate-oval, minutely punctured, a little paler beneath. Head elongate, smooth, transversely and finely striated, bordered with black and with black sutures between the lobes, which are of equal length. Rostrum extending to the hind coxæ; tip black. Antennæ black, slender, about half the length of the body; first joint not extending to the front of the head; second very much shorter than the third. Thorax mostly smooth in front; hind angles forming two long acute black-striped directly diverging spines. Keel of the pectus very deep, especially in front of the fore coxæ, where it is much rounded. Abdomen with a very large purple apical patch; under side very slightly keeled, with black spines along each side; basal spine extending to the hind coxæ. Legs rather slender. Membrane of the fore wings æneous-brown. Hind wings cinereous; veins black. Length of the body 8 lines.

a. Hindostan. From Mr. Stevens' collection.

Australasia.

3. Cuspicona virescens, *C. H.* 295.

a. Java. From Mr. Argent's collection.

4. Cuspicona viridis.

viridis, *Mtrz. A. S. E. F.* 4*me Ser.* i. 65.

Lifu. Woodlark.

5. Cuspicona forficuloides.

Testacea, longi-ovata, rude punctata; caput transverse striatum, lobo medio lobos laterales vix superante; rostrum segmenti ventralis 1i marginem posticum attingens; antennæ corporis dimidio breviores; thorax antice subrugulosus, spinis duabus longis acutis subrecurvis apice nigris; pectoris carina frontem attingens; abdomen spinis duabus apicalibus nigris longis basi testaceis; pedes graciles; membrana limpida.

Testaceous, elongate-oval, roughly punctured. Head long, smooth, slightly and transversely striated; middle lobe hardly extending beyond

the lateral lobes. Rostrum extending to the hind border of the first ventral segment; tip black. Antennæ slender, less than half the length of the body; first joint not extending to the front of the head; second little more than half the length of the third. Thorax slightly rugulose in front; hind angles forming two long acute diverging spines, which are black towards their tips and slightly recurved backwards. Pectoral keel extending to the front of the head. Abdomen armed at the tip with two long black slightly diverging spines, which are testaceous at the base; ventral spine extending to the hind coxæ. Legs slender. Membrane of the fore wings pellucid. Length of the body 6½ lines.

The recurved spines of the thorax and the longer apical spines of the abdomen distinguish this species from *C. rufilinea.*

a. New Hebrides? Presented by Sir John Liddell.

6. Cuspicona suprema.

Smaragdino-viridis, longi-ovata, dense punctata, subtus testacea; rostrum coxas posticas longe superans; antennæ nigræ, graciles, basi testaceæ, corporis dimidio longiores; thorax testaceo late fasciatus, spinis lateralibus longis acutis; pectoris carina bene determinata; venter vittis quatuor pallidis indeterminatis, spina coxas posticas attingente; alæ anticæ ferrugineo-fuscæ, apud costam smaragdinæ, gutta subcostali pallide flava.

Emerald-green, elongate-oval, thickly and minutely punctured, testaceous beneath. Head elongate; middle lobe hardly passing the lateral lobes. Rostrum testaceous, extending nearly to the hind border of the second abdominal segment; tip black. Antennæ black, slender, more than half the length of the body; first joint testaceous, not extending to the front of the head; second much shorter than the third; fourth much longer than the third; fifth nearly as long as the fourth. Fore part of the thorax, excepting the fore border, testaceous and with very few punctures; hind angles forming two long acute directly diverging spines. Pectus with a distinct keel. Abdomen beneath with four undulating incomplete paler stripes; spiracles brown; ventral spine extending to the hind coxæ. Legs testaceous, rather slender. Fore wings ferruginous-brown, emerald-green along the costa; a pale yellow subcostal dot beyond the middle; membrane cinereous, brown towards the base. Length of the body 7 lines.

a. Sarawak. Presented by W. W. Saunders, Esq.
b. Sarawak. From Mr. Wallace's collection.

7. Cuspicona smaragdina.

Saturate viridis, longi-ovata, subtus lutea viridi pallido marginata; caput strigis duabus luteis rufo interlineatis; rostrum segmentum ventrale 2um attingens; antennæ nigræ, basi virides, corporis dimidio longiores; thorax spinis duabus longis subascendentibus, guttis duabus posticis luteis; pedes pallide virides; membrana cinerea.

Deep green, elongate-oval, roughly punctured, luteous and bordered with pale green beneath. Head on each side with a luteous streak, which includes a red streak; middle lobe hardly extending beyond the lateral

lobes. Rostrum green, extending to the second ventral segment; tip black. Antennæ black, slender, green towards the base, rather more than half the length of the body; first joint extending nearly to the front of the head; third much longer than the second, much shorter than the fourth; fifth a little shorter than the fourth. Thorax mostly smooth in front; hind angles forming two long acute spines, which are slightly ascending and inclined forward; a luteous dot on the hinder base of each spine. Pectoral keel shallow. Legs pale green. Membrane of the fore wings cinereous. Length of the body 7 lines.

It agrees with *C. suprema* in structure. The spines of the thorax are slightly longer and more inclined forward.

a. Birmah. From Mrs. Waring's collection.

8. Cuspicona metaphæa.

Pallide testaceo-viridis, longi-elliptica, vage punctata; caput longiusculum, lateribus oblique striatis; rostrum nigrum, segmentum ventrale 2um attingens; antennæ nigræ, graciles, corporis dimidio longiores, articulo 2o fulvo, 3o basi albido; thorax fascia postica brevi lata cyaneo-nigra, angulis posticis rotundatis; scutellum cyaneo-nigrum, cupreo nitens; abdomen dorso nigro, lateribus dentatis, maculis ventralibus lateralibus nigris, spina coxas posticas attingente; pedes nigro subconspersi; alæ anticæ cyaneo-nigræ, apud costam cupreæ, membrana fusca.

Pale green, slightly tinged with testaceous, elongate-elliptical, shining, very thinly punctured. Head elongate, obliquely and finely striated on each side; lobes of equal length, with black sutures. Rostrum black, pale green at the base, extending to the middle of the second ventral segment. Antennæ black, slender, a little more than half the length of the body; first joint not extending to the front of the head; second tawny, very much shorter than the third; third tawny towards the base, which is whitish; fourth a little longer than the third, as long as the fifth. Thorax with a short broad bluish black band along the hind border; hind angles rounded, hardly prominent. Scutellum bluish black, cupreous towards the base in some aspects. Pectoral keel much developed. Abdomen black above; under side with black spots along each side, which is dentate; spine extending to the hind coxæ. Legs slightly speckled with black; tarsi tawny. Fore wings bluish black, with cupreous reflections along the costa; membrane brown. Length of the body 6 lines.

a. Mysol. Presented by W. W. Saunders, Esq.

9. Cuspicona ampla.

Testacea, ovata, vage punctata; caput longiusculum; rostrum segmentum ventrale 3um attingens; antennæ rufescentes, graciles, corporis dimidio longiores; thorax transverse vix carinatus, spinis lateralibus rufescentibus validis acutis; spina ventralis coxas posticas vix attingens; membrana pellucida.

Testaceous, oval, minutely and thinly punctured. Head elongate; lobes of equal length. Rostrum extending to the hind border of the third

abdominal segment; tip black. Antennæ reddish, slender, more than half the length of the body; first joint not extending to the front of the head; second a little longer than the third; fourth much longer than the second; fifth shorter than the fourth. Thorax with a slight transverse ridge between the hind angles, which form two stout acute reddish directly diverging spines. Scutellum rather large. Pectoral keel distinct. Ventral spine very short, hardly extending to the hind coxæ. Tibiæ not furrowed. Membrane of the fore wings pellucid. Length of the body 6 lines.

a. Wagiou. Presented by W. W. Saunders, Esq.

10. Cuspicona proxima.

Testacea, ovata, dense punctata; rostrum coxas posticas attingens; antennæ graciles, corporis dimidio non longiores; thorax lituris duabus anticis transversis glabris, spinis abbreviatis latissimis subacutis; venter subcarinatus, spina coxas posticas attingente; membrana limpida.

Testaceous, oval, thickly punctured. Head rounded in front; lobes of equal length. Rostrum extending to the hind coxæ. Antennæ slender, about half the length of the body; first joint not extending to the front of the head; second a little shorter than the third; fourth much longer than the third; fifth a little longer than the fourth. Thorax with a transverse smooth mark on each side in front; spines short, very broad, slightly acute. Pectoral keel well developed. Abdomen beneath slightly keeled; spine extending to the hind coxæ. Tibiæ not furrowed. Membrane of the fore wings pellucid. Length of the body 5 lines.

a, b. Ké. Presented by W. W. Saunders, Esq.

11. Cuspicona privata.

Testacea, ovata, dense punctata; rostrum coxas posticum attingens; antennæ graciles, corporis dimidio breviores; thorax fascia antica glabra interrupta abbreviata, angulis posticis valde rotundatis; spina ventralis brevissima; membrana limpida.

Testaceous, oval, thickly punctured. Head nearly triangular; lobes of equal length. Rostrum extending to the hind coxæ. Antennæ slender, a little less than half the length of the body; first joint not extending to the front of the head; second longer than the third; fourth much longer than the second, as long as the fifth. Thorax with a transverse smooth space on each side in front; hind angles much rounded, not prominent. Pectoral keel much developed. Ventral spine very short, not extending to the hind coxæ. Legs rather slender; tibiæ not furrowed. Membrane of the fore wings pellucid. Length of the body 4 lines.

It may be distinguished from *C. proxima* by the much shorter and more rounded hind angles of the thorax.

a. Aneiteum, New Hebrides. Presented by the Admiralty.

12. Cuspicona lateralis.

Rufescente-testacea, longi-ovata, rude punctata; caput longiusculum, transverse striatum; rostrum coxas posticas superans; thorax antice ex parte glaber, spinis lateralibus longis robustis acutis apice nigris; abdomen apice bispinosum, ventre subcarinato, spina coxas posticas attingente; membrana fusca.

Reddish testaceous, elongate-oval, roughly punctured. Head elongate, transversely striated; lobes of equal length. Rostrum extending somewhat beyond the hind coxæ; tip black. Thorax with some smooth spaces along the fore border; hind angles forming two long stout acute directly diverging spines, which are black towards the tips. Pectoral keel very deep. Abdomen beneath slightly keeled; two short stout apical spines; ventral spine extending to the hind coxæ. Legs moderately stout. Membrane of the fore wings brown. Length of the body 5¼ lines.

The antennæ of the specimen described are mutilated.

a. Java. Presented by J. C. Bowring, Esq.

13. Cuspicona propinqua.

Prasina, ovata, dense punctata, luteo varia, subtus lutea; caput vix productum; rostrum segmentum ventrale 3um attingens; antennæ luteæ, gracillimæ, corporis dimidio paullo longiores; thoracis spinæ longæ, acutæ; spina ventralis coxas posticas attingens; pedes graciles; membrana limpida.

Grass-green, oval, thickly and somewhat roughly punctured, luteous beneath. Head hardly elongated; lobes of equal length. Rostrum extending to the hind border of the second ventral segment; tip black. Antennæ luteous, very slender, a little more than half the length of the body; joints successively increasing in length; first not extending to the front of the head. Thorax tinged with luteous; hind angles forming two long acute directly diverging spines. Scutellum tinged with luteous towards the tip. Pectoral keel deep. Ventral spine extending to the hind coxæ. Legs luteous, slender. Fore wings partly luteous; membrane pellucid. Length of the body 4½ lines.

The longer spines of the thorax distinguish this species from *C. leucospila.*

a. Tondano. Presented by W. W. Saunders, Esq.

14. Cuspicona hamata.

Pallide testacea, longi-ovata, vage punctata; caput transverse striatum, lobo medio lobos laterales perpaullo superante; rostrum segmentum ventrale 3um attingens; antennæ rufescentes, corporis dimidio non longiores; thorax transverse subimpressus, spinis duabus nigris robustis recurvis apice rotundatis; pectoris carina caput attingens; abdomen spinis quatuor apicalibus rufis crassis apice nigris; pedes validi, nigro conspersi; alæ anticæ fusco punctatæ et nebulosæ, striga subcostali glabra pallide testacea, membrana cinerea.

Pale testaceous, elongate-oval, very thinly punctured. Head elongated, transversely and finely striated; middle lobe extending very little beyond the lateral lobes. Rostrum extending to the third ventral segment; tip black. Antennæ reddish, slender, hardly half the length of the body; first joint not extending to the front of the head; second very much shorter than the third; fourth a little longer than the third and than the fifth. Thorax transversely and very slightly impressed near the fore border; hind angles forming two stout black recurved spines whose tips are rounded. Pectoral keel very deep in front, extending to the base of the rostrum. Abdomen with four short stout dark red apical spines whose tips are black; basal spine extending to the hind coxæ. Legs stout; femora and tibiæ speckled with black. Fore wings with brown punctures, partly clouded with brown; a smooth, short pale testaceous subcostal streak; membrane cinerous. Length of the body 7 lines.

The spines of the thorax are much more curved backward than those of *C. forficuloides*.

a. New Guinea. Presented by W. W. Saunders, Esq.
b. New Guinea. From Mr. Wallace's collection.

15. Cuspicona contraria.

Testacea, longi-ovata, vage punctata; caput transverse striatum; rostrum segmentum ventrale 3um attingens; antennæ corporis dimidio breviores; thoraxæ spinis duabus robustis subacutis subrecurvis apice nigris; pectoris carina caput attingens: venter macula subapicali spinisque quatuor crassis apicalibus nigris; pedes validi, nigro conspersi; alæ anticæ fusco punctatæ, maculis duabus subcostalibus fuscis, membrana cinerea.

Testaceous, elongate-oval, thinly and roughly punctured. Head rather long, transversely striated; lobes of equal length. Rostrum black towards the tip, extending to the fore part of the third ventral segment. Antennæ slender, less than half the length of the body; first joint not extending to the front of the head; second very much shorter than the third; fourth longer than the third; fifth a little shorter than the fourth. Thorax mostly smooth in front; hind angles forming two stout slightly acute spines, which are black towards their tips and are slightly recurved. Pectoral keel very deep in front, extending beyond the base of the rostrum. Abdomen with a black spot on the fifth segment beneath and with four stout black apical spines; basal spine extending to the hind coxæ. Legs stout; femora and tibiæ speckled with black. Fore wings with brown punctures and with two brown subcostal spots; membrane cinereous. Length of the body 7 lines.

It may be a local variety of *C. hamata*, from which it hardly differs except in the spines of the thorax, which are less recurved. In the specimen described the right spine is longer and less obtuse than the left spine.

a. Celebes. Presented by W. W. Saunders, Esq.

16. Cuspicona vigens.

Lutea, longi-ovata, vage punctata; caput transverse striatum; rostrum segmenti ventralis 3i marginem posticum attingens; antennæ corporis dimidio longiores; thorax prasinus, lateribus, margine antico lineaque luteis, spinis duabus nigris longis validis subacutis subascendentibus basi luteis; scutellum apicem versus prasinum; pectus viridi quadrinotatum, carina caput attingente; venter e maculis fuscis bivittatus, macula subapicali nigra; pedes validi, nigro conspersi; alæ anticæ fusco punctatæ et nebulosæ, striga subcostali glabra, membrana fuscescente.

Luteous, elongate-oval, thinly punctured. Head elongate, transversely striated; lobes of equal length. Rostrum black towards the tip, extending to the hind border of the third ventral segment. Antennæ slender, a little more than half the length of the body; first joint not extending to the front of the head; second much shorter than the third; fourth longer than the third and than the fifth. Thorax almost smooth in front, grass-green except the fore part, the sides and a slender stripe; hind angles forming two long stout slightly acute diverging spines, which are black except at the base and are slightly ascending. Scutellum grass-green towards the tip. Pectus with two green marks and with two intermediate black marks on each side; keel very deep in front, extending beyond the base of the antennæ. Abdomen beneath with some transverse brown spots on each side and with a large black spot on the fifth segment; four stout black apical spines; basal spine extending to the hind coxæ. Legs stout; femora and tibiæ speckled with black. Fore wings with brown punctures, partly clouded with brown; a smooth elongated subcostal spot; membrane brownish. Length of the body 7 lines.

Closely allied to *C. hamata* and to *C. contraria*, but the spines of the thorax are not recurved. It is shorter than *C. forficuloides*, and the spines are less slender.

a, *b*. Lizard Isle.

17. Cuspicona transversa.

Testacea, longi-ovata, vage punctata; caput transverse striatum; rostrum segmenti ventralis 1i marginem posticum attingens; antennæ corporis dimidio breviores; thorax spinis duabus robustis acutis subrecurvis apice rufis; pectoris carina caput attingens; abdomen spinis quatuor apicalibus apice rufis; pedes robusti; membrana limpida.

Testaceous, elongate-oval, thinly and roughly punctured. Head somewhat long, transversely striated; lobes of equal length. Rostrum extending to the hind border of the first ventral segment; tip black. Antennæ slender, rather less than half the length of the body; first joint not extending to the front of the head; second much shorter than the third; third much shorter than the fourth; fifth a little shorter than the fourth. Thorax mostly smooth and slightly rugulose in front; hind angles forming two stout acute spines, which are dark red towards the tips and are slightly recurved. Pectoral keel extending to the base of the antennæ. Abdomen with four apical spines which are dark red towards the tips, the inner pair

very short; basal spine extending to the hind coxæ. Legs stout. Hind wings and membrane of the fore wings pellucid. Length of the body 7—8 lines.

The unspotted legs distinguish this species from *C. hamata*, *C. contraria* and *C. vigens*. The shorter and less acute thoracic spines distinguish it from *C. forficuloides*.

a. Aru. From Mr. Wallace's collection.
b. Aru. Presented by W. W. Saunders, Esq.
c. Ceram. Presented by W. W. Saunders, Esq.
d. Wagiou. Presented by W. W. Saunders, Esq.

Australia.

18. Cuspicona thoracica, *C. H.* 296.

a, b. New South Wales. From Dr. Stephenson's collection.

19. Cuspicona Roei, *C. H.* 297.

a. Australia. Presented by Sir J. Richardson.

20. Cuspicona unimaculata, *C. H.* 297.

a. Australia. Presented by Sir J. Richardson.

21. Cuspicona inconspicua, *C. H.* 297.

a. Australia. Presented by Sir J. Richardson.

22. Cuspicona fasciata, *C. H.* 297.

a. Australia.

23. Cuspicona pulchra, *C. H.* 298.

a. Australia. From Mr. Lambert's collection.

24. Cuspicona fulvescens, *C. H.* 299.

a. Australia. Presented by Sir J. Richardson.

25. Cuspicona tæniola, *C. H.* 299.

a, b. Kangaroo Island. Presented by the Entomological Club.

26. Cuspicona defensor.

Coreus defensor, *Fabr. Ent. Syst.* iv. 130; *Syst. Rhyn.* 197.
a. Australia. Presented by the Linnean Society.

Asia.

27. Cuspicona aggressor.

Cimex aggressor, *Fabr. Ent. Syst.* iv. 104; *Syst. Rhyn.* 165.
a. Australia. Presented by the Linnean Society.

28. Cuspicona australis.

Rhynchocoris australis, *Hope, Cat. Hem.* 30.

Australia.

29. Cuspicona inquinata.

Rhynchocoris inquinata, *Hope, Cat. Hem.* 29.

a. Australia. From Mr. Stevens' collection.
b. Moreton Bay. From Mr. Diggles' collection.

30. Cuspicona prasinata.

prasinata, *Stal, Eug. Resa*, 231.

Sydney.

31. Cuspicona auricornis.

Prasina, ovata, rude punctata, subtus lutea; caput longiusculum, subrugulosum, lobo medio lobos laterales vix superante; rostrum segmentum ventrale 2um attingens; thorax spatiis anticis glabris, spinis lateralibus ochraceis longis robustis subacutis subascendentibus; abdomen apice bispinosum, ventre viridi bivittato, spina ventrali coxas posticas attingente; membrana limpida.

Grass-green, oval, roughly punctured, luteous beneath. Head elongate, slightly rugulose, with a short slight ridge on each side of the middle lobe, which extends very little beyond the lateral lobes. Rostrum luteous, extending to the middle of the second ventral segment; tip black. Antennæ luteous; first joint not extending to the front of the head; second rather shorter than the third. Thorax with some smooth spaces near the fore border; hind angles forming two long stout ochraceous slightly acute and ascending spines. Under side of the abdomen slightly keeled, with a broad short pale green stripe on each side; two stout acute apical spines; ventral spine extending to the hind coxæ. Legs luteous. Hind wings and membrane of the fore wings colourless. Length of the body 5½ lines.

Queensland. In the National Museum at Melbourne.

32. Cuspicona leucospila.

Lutea, longi-ovata, rude punctata; rostrum coxas medias paullo superans; antennæ corporis dimidio breviores; thoracis spinæ laterales robustæ, acutæ, apice nigræ; scutellum fascia pallide viridi, apice testaceo-albo; abdomen apice bispinosum, spina ventrali coxas posticas attingente; alæ anticæ pallide virides, membrana limpida venis fusco nebulosis.

Luteous, elongate-oval, roughly punctured. Head rounded in front; lobes of equal length. Rostrum extending a little beyond the middle coxæ; tip black. Antennæ less than half the length of the body; first joint not extending to the front of the head; second very little shorter than the third, which has the same proportion to the fourth. Thorax not transversely impressed; hind angles forming two stout acute directly diverging spines, which have black tips. Scutellum with a pale green band beyond

the middle; tip testaceous-white. Pectoral keel much developed. Abdomen with two long stout apical spines; basal spine extending to the hind coxæ. Legs rather short and stout; tibiæ not furrowed. Fore wings pale green; membrane pellucid, with brown streaks along the veins. Length of the body $4\frac{1}{4}$ lines.

This species has some affinity to the *Edessidæ*.

a. Australia.

33. Cuspicona longiceps.

Fulva, longi-elliptica, rude punctata, subtus lutea; caput sat magnum, lobo medio lobos laterales perpaullo superante; rostrum coxas posticas longe superans; antennæ corporis dimidio breviores; thorax transverse impressus; pectus carinatum, flavo bivittatum; venter viridi bivittatus; membrana cinerea, fusco bivittata.

Tawny, elongate-elliptical, roughly punctured, luteous beneath. Head large, elongate; middle lobe extending very little beyond the lateral lobes. Rostrum extending beyond the middle of the second ventral segment; tip black. Antennæ less than half the length of the body; first joint not extending to the front of the head; second, fourth and fifth a little shorter than the third. Thorax transversely impressed in front of the hind angles, which are obtuse and not prominent. Pectus with two pale yellow stripes; keel distinct. Abdomen beneath with two green stripes. Legs luteous; tarsi tawny. Membrane of the fore wings cinereous, with two broad brown stripes. Length of the body $5\frac{1}{2}$ lines.

a. Adelaide. From Mr. Stevens' collection.

34. Cuspicona simplex.

Prasina aut pallide testacea, ovata, dense punctata; caput breviusculum, lobis lateralibus lobum medium vix superantibus; rostrum coxas posticas attingens; antennæ pallide rufæ, graciles, corporis dimidio non longiores; thorax antice spatiis duobus transversis glabris, spinis lateralibus acutis abbreviatis latissimis; spina ventralis coxas posticas attingens; pedes graciles; membrana limpida.

Grass-green or pale testaceous, oval, thickly and minutely punctured. Head rather short; lateral lobes hardly extending beyond the middle lobe. Rostrum extending to the hind coxæ; tip black. Antennæ pale red, slender, about half the length of the body; first joint not extending to the front of the head; second much longer than the third; fourth longer than the second; fifth a little longer than the fourth. Thorax in front with a transverse smooth space on each side; hind angles forming two short acute very broad spines. Scutellum extending to somewhat beyond two-thirds of the length of the abdomen. Pectoral keel deep. Ventral spine extending to the hind coxæ. Legs slender. Hind wings and membrane of the fore wings colourless. Length of the body 4 lines.

The more acute spines of the thorax distinguish it from *C. proxima* and from *C. ampla*.

a. South Australia. Presented by R. Bakewell, Esq.

35. Cuspicona xanthochlora.

Pallide prasina, ovata, dense punctata; caput supra rufescens, postice nigricans; rostrum fulvum, coxas posticas paullo superans; antennæ rufescentes, corporis dimidio non longiores; thorax fascia postica ferruginea, fascia posteriore lateribusque luteis, spinis lateralibus longis acutis; scutellum ochraceo univittatum; spina ventralis coxas paullo superans; membrana pellucida.

Pale grass-green, oval, thickly punctured. Head above reddish; hind part blackish; lobes of equal length. Rostrum tawny, extending a little beyond the hind coxæ; apical joint black. Antennæ reddish, about half the length of the body; first joint extending nearly to the front of the head; third a little longer than the second and than the fourth; fourth and fifth minutely setulose, of equal length. Thorax with a ferruginous-brown band between the hind angles, which form two long acute directly diverging spines; a posterior band and the sides luteous. Scutellum with an ochraceous smooth stripe, which commences at a little before the middle and occupies the whole of the tip; punctures black towards the tip. Pectoral keel much developed. Ventral spine extending a little beyond the hind coxæ. Legs rather slender. Hind wings and membrane of the fore wings pellucid. Length of the body 3 lines.

a, b. Australia. From Mr. Damel's collection.

36. Cuspicona florens.

Testacea, longi-ovata, rude punctata; caput glabrum, transverse striatum, rufo bivittatum; antennæ corporis dimidio breviores; thorax rufo unifasciatus, spinis duabus crassis obtusis subrecurvis obscure rufis; scutellum prasinum, basi rufescens, apice luteum; pectus rufum, flavo maculatum, carina caput attingente; venter rufus, flavo marginatus et fasciatus, spina basali coxas posticas attingente, spinis duabus apicalibus crassis; alæ anticæ prasinæ.

Testaceous, elongate-oval, roughly punctured. Head smooth, elongate, transversely striated, with two short red stripes on the hind part; middle lobe extending very little beyond the lateral lobes. Rostrum extending to the hind coxæ; tip black. Antennæ rather less than half the length of the body; first joint not extending to the front of the head; second much longer than the third; fourth as long as the third. Thorax with a red band; an anterior transverse smooth space on each side; hind angles forming two dark red thick obtuse slightly recurved spines. Scutellum grass-green, reddish at the base, luteous at the tip. Pectus red, with some pale yellow spots on each side; keel deep in front, extending to the head. Abdomen beneath red, pale yellow along each side and with short pale yellow bands; two thick apical spines; basal spine extending to the hind coxæ. Legs stout. Fore wings grass-green; membrane pellucid. Length of the body 5 lines.

It has most affinity to *C. leucospila*, from which it differs much in markings, and the spines of the thorax are thicker.

a. Moreton Bay. From Mr. Diggles' collection.

37. Cuspicona rufolinea.

Prasina, longi-ovata, rude punctata, subtus pallide testaceo-viridis; caput transverse striatum; rostrum coxas posticas paullo superans; antennæ rufescentes, basi testaceæ, corporis dimidio non longiores; thorax antice lituris duabus transversis glabris, spinis duabus acutis longissimis apice rufis; pectoris carina rufo vittata, caput attingens; venter rufo vittatus, spinis duabus apicalibus rufis longis acutis; pedes testacei, graciles; membrana limpida.

Grass-green, elongate-oval, roughly punctured, pale testaceous-green beneath. Head conical, transversely and finely striated; lobes of equal length. Rostrum extending a little beyond the hind coxæ; tip black. Antennæ reddish, about half the length of the body; first joint pale testaceous, not extending to the front of the head; third much longer than the second; fourth a little longer than the third; fifth a little longer than the fourth. Thorax with a transverse smooth space on each side in front; hind angles forming two very long and acute directly diverging spines, which are dark red towards the tips. Pectoral keel with a bright red edge, deepening in front, extending to the base of the rostrum. Abdomen beneath hardly keeled, with a bright red stripe; basal spine very short and obtuse; two red long acute apical spines. Legs testaceous, slender. Hind wings and membrane of the fore wings pellucid. Length of the body $6\frac{1}{2}$ lines.

It has most affinity to *C. auricornis;* the spines of the thorax are much longer and more acute.

Queensland. In the National Museum at Melbourne.

Genus 48. MICRODEUTERUS, *C. H.* 299.

1. Microdeuterus megacephalus, *C. H.* 300.

a. N. Hindostan. From Capt. Boys' collection.

2. Microdeuterus æqualis.

Testaceus, longi-ellipticus, vage fusco punctatus; caput transverse striatum, lateribus anticis incurvis; rostrum coxas posticas attingens; antennæ nigræ, basi fulvæ, corporis dimidio non longiores; thoracis anguli postice valde rotundati; scutellum apicem versus attenuatum, disco fusco; venter subcarinatus, spina coxas posticas attingente; alæ anticæ fusco biplagiatæ, membrana fusca cinereo varia.

Testaceous, elongate-elliptical, thinly punctured; punctures brown. Head with slightly reflexed borders, finely and transversely striated on each side; sides excavated in front of the eyes; lobes of equal length. Rostrum extending to the hind coxæ; tip black. Antennæ tawny, about half the length of the body; first joint not extending to the front of the head; second less than half the length of the third; third, fourth and fifth black; fourth more than half the length of the third; fifth shorter than the fourth. Thorax with slightly reflexed borders; hind angles much rounded, not prominent. Scutellum attenuated towards the tip; disk brown. Pectoral keel developed. Abdomen beneath with a slight keel; spine extending

to the hind coxæ. Legs moderately stout. Fore wings with two brown patches in the disk; membrane brown, partly cinereous in the disk. Length of the body 5 lines.

a. Sarawak. Presented by W. W. Saunders, Esq.

Genus 49. DIPLOSTIRA, *C. H.* 300.

1. Diplostira valida, *C. H.* 301.

a. Silhet. From Mr. Stainforth's collection.
b. Silhet. From Mr. Sowerby's collection.

Genus 50. ARVELIUS, *C. H.* 301.

1. Arvelius albopunctatus, *C. H.* 302.

a. Jamaica.
b. Columbia. Nrom M. Goudot's collection.
c. Brazil. From Mr. Mornay's collection.
d, e. Venezuela. From Mr. Birschell's collection.
f. St. Domingo. From Mr. Tweedie's collection.
g. Tapayos. From Mr. Bates' collection.
h. N. America. Presented by F. Walker, Esq.
i. Columbia. Presented by W. W. Saunders, Esq.
j, k. Cayenne. Presented by W. W. Saunders, Esq.
l. Vera Cruz. From M. Sallé's collection.
m, n. Oajaca. From M. Sallé's collection.
o. Petropolis. Presented by J. Gray, Esq.
p. Amazon Region. Presented by W. W. Saunders, Esq.
q. ———? Presented by W. W. Saunders, Esq.
r—v. ———?

Genus 51. TAUROCERUS, *C. H.* 302.

1. Taurocerus edessoides, *C. H.* 302.

a. Mexico. From Mr. Argent's collection.
b. Columbia. From M. Goudot's collection.
c. Para. Presented by R. Graham, Esq.
d—g. Brazil?
h—k. Ega. From Mr. Bates' collection.
l. Mexico. From M. Sallé's collection.

2. Taurocerus Achilles.

Achilles, *Stal, Stett. Ent. Zeit.* xxiii. 108.
Mexico.

3. Taurocerus Hector.

Hector, *Stal, Stett. Ent. Zeit.* xxiii. 108.
Mexico.

4. Taurocerus divergens.

Fulvus, longi-ovatus, viridi punctatus, subtus testaceus; capitis lobus medius lobos laterales paullo superans; thorax lateribus anticis serratis, cornubus duobus longis subrecurvis apice nigris et oblique truncatis; scutellum apice flavo marginatum; membrana lurido-cinerea.

Tawny, elongate-oval, irregularly punctured, testaceous beneath; punctures mostly metallic-green. Head conical; middle lobe extending a little beyond the lateral lobes. Rostrum extending to the hind coxæ; tip black. Thorax obtusely serrated along each side in front; hind angles forming two long stout slightly recurved horns, with black and obliquely truncate tips. Scutellum bordered with pale yellow at the tip. Membrane of the fore wings lurid-cinereous. Length of the body 8 lines.

The paler colour, the narrower head and the longer horns of the thorax distinguish this species from *T. edessoides*.

a. Amazon Region. From Mr. Bates' collection.

Genus 52. RHYNCHOCORIS, *C. H.* 302.

1. Rhynchocoris serratus, *C. H.* 302.

a. Malabar. From Mr. Walker's collection.
b. Philippine Isles. From Mr. Cuming's collection.
c. Java.

2. Rhynchocoris humeralis, *C. H.* 302.

a. Silhet. From Mr. Stainforth's collection.
b. Silhet.
c, *d*. Hindostan? Presented by Gen. Hardwicke.
e. N. Hindostan. From Dr. Hooker's collection.
f, *g*. Hindostan. Presented by J. C. Bowring, Esq.
h. Siam. Presented by W. W. Saunders, Esq.
i, *j*. Silhet. Presented by J. C. Bowring, Esq.
k. ———?

3. Rhynchocoris ligatus.

ligata, *Erichs. Arch. Naturgsch.* viii. 278.

Australia.

Genus 53. ACANTHOSOMA, *C. H.* 303.

Europe.

1. Acanthosoma hœmorrhoidalis, *C. H.* 303.

a—*o*. England. From Mr. Stephens' collection.
p, *q*. France. Presented by W. W. Saunders, Esq.
r. ———. Presented by J. G. Children, Esq.

2. Acanthosoma dentata, *C. H.* 305.

Elasmostethus dentatus, *Fieb. Hem.* 328—Oxydalus dentatus, *Muls. et Rey. Pun. France*, 324.

a. ———? From Mr. Children's collection.

3. Acanthosoma lituratа, *C. H.* 305.

Cyphostethus lituratus, *Fieb. Hem.* 328—Meadorus lituratus, *Muls. et Rey, Pun. France*, 319.

a—n. England. From Mr. Stephens' collection.
o. England. Presented by J. C. Dale, Esq.
p, q. Germany.

4. Acanthosoma ferrugator, *C. H.* 309.

Sastragala ferrugator, *Fieb. Hem.* 327. *Muls. et Rey, Pun. France*, 313—Cimex fuscispinus? *Boh. Kong. Vet. Akad.* 241.

a. Germany.

5. Acanthosoma grisea, *C. H.* 307.

Elasmostethus griseus, *Fieb. Hem.* 329—Meadorus interstinctus, *Muls. et Rey, Pun. France*, 316.

a—r. England. From Mr. Stephens' collection.
s—u. France. Presented by F. Walker, Esq.
w, x. France. Presented by M. Serville.
y, z. France. Presented by W. W. Saunders, Esq.
aa. ———? From Mr. Vigors' collection.

North America.

6. Acanthosoma cruciata.

Edessa cruciata, *Say*—Acanthosoma boreale, *C. H.* 305.

a—d. Nova Scotia. From Lieut. Redman's collection.
e—g. Hudson's Bay. Presented by Dr. Barnston.
h, i. Arctic America. Presented by Sir J. Richardson.
j. N. America. Presented by F. Walker, Esq.

7. Acanthosoma nebulosa, *C. H.* 307.

Elasmostethus nebulosus? *Stal, Stett. Ent. Zeit.* xxiii. 109.

Mexico.

a. N. America. Presented by Sir J. Richardson.
c, d. ———?

Hindostan.

8. Acanthosoma distincta, *C. H.* 304.

a. N. Hindostan. From Capt. Boys' collection.

9. Acanthosoma punctata, *C. H.* 306.

a. N. Hindostan. From Capt. Boys' collection.

10. Acanthosoma forfex, *C. H.* 308.

In the female the spines of the thorax are much longer than those of the male, and the abdominal apical spines are much shorter.

a, *b*. N. Hindostan. From Capt. Boys' collection.

11. Acanthosoma elongata, *C. H.* 309.

a. N. Hindostsn. From Capt. Boys' collection.

12. Acanthosoma recurva, *C. H.* 310.

a. N. Hindostan. From Capt. Boys' collection.

13. Acanthosoma uniguttata, *C. H.* 311.

a. N. Hindostan. From Capt. Boys' collection.

14. Acanthosoma cornuta, *C. H.* 312.

a, *b*. N. Hindostan. From Capt. Boys' collection.

15. Acanthosoma heterospila.

Testacea, longi-ovata, rude punctata ; caput elongatum, subrufescens, lobo medio lobos laterales perpaullo superante ; rostrum coxas posticas paullo superans ; antennæ graciles, corporis dimidio non longiores ; thorax fascia postica nigra, spinis duabus longis acutis ; scutellum nigrum, luteo unimaculatum, apice albidum ; venter subcarinatus, spina coxas medias attingente ; alæ anticæ nigro submarginatæ, membrana fusca apice cinerea macula costali alba.

Testaceous, elongate-oval, roughly punctured. Head and fore part of the thorax with a reddish tinge. Head elongate ; middle lobe extending very little beyond the lateral lobes. Rostrum extending a little beyond the hind coxæ ; tip black. Antennæ slender, about half the length of the body ; first joint extending beyond the front of the head ; second much shorter than the third ; fourth longer than the third. Thorax with a black band, which occupies the hind border and includes the hind angles ; these form two long acute directly diverging spines. Scutellum black, with a large luteous spot in the disk ; tip whitish. Pectoral keel well developed. Abdomen slightly keeled beneath ; spine extending to the middle coxæ. Legs rather stout. Fore wings black along the hind border and irregularly black along the outer border ; membrane brown, cinereous along the outer border, including a white costal spot at its base. Length of the body $4\frac{1}{2}$ lines.

It may be a variety of *A. uniguttata*.

a. Punjaub. Presented by Sir J. Hearsay.

16. Acanthosoma binotata.

Testacea, longi-ovata, fusco punctata; caput elongatum, antice glabrum; antennæ graciles, corporis dimidio breviores; thorax fascia glabra antice testaceo pallido marginata, vitta lateribusque pallide testaceis, spinis longis subrecurvis; scutellum testaceo pallido univittatum, plagis duabus lateralibus apiceque fuscis; venter fusco macularitер bivittatus, spina coxas medias attingente; alæ anticæ macula pallide testacea fusco marginata.

Testaceous, elongate-oval, roughly punctured; punctures brown. Head elongate, smooth in front; middle lobe hardly extending beyond the lateral lobes. Rostrum extending to the hind coxæ; tip black. Antennæ slender, less than half the length of the body; joints successively increasing in length; first extending a little in front of the head. Thorax in front with a smooth band, of which the fore border is a curved pale testaceous line; sides and a slender stripe also pale testaceous; hind angles forming two long acute slightly recurved spines. Scutellum with a slender pale testaceous stripe, on each side of which there is a brown patch; tip also brown. Pectoral keel well developed. Abdomen beneath slightly keeled, with two incomplete macular brown stripes; spine extending to the middle coxæ. Fore wings clouded with brown around a smooth transverse pale testaceous spot in the disk; membrane cinereous. Length of the body $3\frac{1}{4}$ lines.

It has most affinity to *A. punctata*, from which it may be distinguished by the spines of the thorax.

a. Hindostan. From Mr. Stevens' collection.

17. Acanthosoma aspera.

Testacea, longi-ovata, nigro punctata; caput elongatum, lobo medio lobos laterales perpaullo superante; thorax spinis duabus rufis longis validis vix recurvis; venter subcarinatus, coxas medias attingens; pedes sat graciles; membrana cinerea.

Testaceous, elongate-oval, thinly and roughly punctured; punctures mostly black. Head elongate; middle lobe extending very little beyond the lateral lobes. Rostrum extending a little beyond the hind coxæ; tip black. Antennæ slender, a little more than half the length of the body; first joint extending a little beyond the front of the head; second as long as the third; fourth a little shorter than the third; fifth black, testaceous towards the base, shorter than the fourth. Hind angles of the thorax forming two red long stout acute very slightly recurved and ascending spines. Pectoral keel much developed. Abdomen beneath slightly keeled; spine extending to the middle coxæ. Legs rather slender. Membrane of the fore wings cinereous. Length of the body $4\frac{1}{2}$ lines.

It has most affinity to *A. uniguttata*, from which it may be distinguished by the much broader thoracic spines.

a. N. Hindostan. From Capt. Boys' collection.

18. Acanthosoma truncatula.

Testacea, lata, subovata, rude punctata; caput læve, lobo medio lobos laterales perpaullo superante; antennæ graciles, corporis dimidio non longiores; thorax fascia antica glabra, vitta tenui pallida, cornubus duobus longis validis vix acutis; venter glaber, subcarinatus, spina coxas medias attingente; membrana cinerea.

Testaceous, broad, nearly oval, roughly punctured. Head mostly smooth; middle lobe extending very little beyond the lateral lobes. Rostrum extending to the hind coxæ; tip black. Antennæ slender, about half the length of the body; first joint extending beyond the front of the head; second as long as the third. Thorax with a smooth band in front, and with a slender paler stripe; hind angles forming two long stout hardly acute directly diverging horns. Pectoral keel well developed. Abdomen beneath smooth, slightly keeled; spine extending to the middle coxæ. Legs rather slender. Membrane of the fore wings cinereous. Length of the body 3 lines.

a. Hindostan. From Mr. Stevens' collection.

China.

19. Acanthosoma nubila, *C. H.* 305.

a—c. Hong Kong. Presented by J. C. Bowring, Esq.

Australia.

20. Acanthosoma notata, *C. H.* 310.

a. Philippine Isles. From Mr. Cuming's collection.

21. Acanthosoma cornuta.

Acanthosoma (Sastragala) cornutum, *Dallas, Trans. Ent. Soc.* v. 193, pl. 19, f. 6.

Bootan.

22. Acanthosoma lineata.

Acanthosoma (Sastragala) lineatum, *Dallas, Trans. Ent. Soc.* v. 194.

Bootan.

23. Acanthosoma subducta.

Pallide testacea, longi-ovata, vage punctata; caput elongatum, glabrum, lobo medio lobos laterales perpaullo superante; antennæ graciles, corporis dimidio longiores; thorax antice glaber, fascia postica tenui nigra, spinis duabus nigris attenuatis; scutellum macula fusco marginata, linea apiceque luteis; venter subcarinatus, spina coxas medias attingente; alæ anticæ vitta subcostali nigra interrupta, membrana pallide cinerea.

Pale testaceous, elongate-oval, thinly and roughly punctured. Head elongate, smooth; middle lobe extending very little beyond the lateral

lobes. Rostrum extending to the hind coxæ; tip black. Antennæ slender, a little more than half the length of the body; first joint extending much beyond the front of the head; second longer than the third. Thorax mostly smooth in front, with a slender black band between the hind angles, which form two black long slender directly diverging spines. Scutellum with a large luteous discal spot, which is slightly bordered with brown and emits a line to the tip, the latter also luteous. Pectoral keel deep. Abdomen beneath slightly keeled; spine extending to the middle coxæ. Fore wings with a black irregular interrupted subcostal stripe; membrane pale cinereous. Length of the body 5½ lines.

Very closely allied to *A. notata;* the spines of the thorax are somewhat more slender.

a. New Guinea. Presented by W. W. Saunders, Esq.

24. Acanthosoma delicatula.

Lutea, elliptica, nigro punctata; caput longiusculum, lobo medio lobos laterales paullo superante; rostrum segmentum ventrale 2um attingens; antennæ gracillimæ, apice nigræ, corpore breviores; thorax antice subrugulosus, spinis duabus acutis brevissimis; scutellum fuscum, lituris duabus basalibus luteis, apice pallide luteo; venter carinatus, spina brevi; alæ anticæ apices versus nigræ, callo subcostali luteo.

Luteous, elliptical, roughly punctured, testaceous beneath; punctures black. Head elongate; the punctures mostly forming two stripes; middle lobe extending a little beyond the lateral lobes. Rostrum extending to the hind border of the second ventral segment; tip black. Antennæ very slender, much more than half the length of the body; first joint extending much beyond the front of the head; second much longer than the third; fourth nearly as long as the third; fifth black except at the base, shorter than the fourth. Thorax less thickly punctured and slightly rugulose in front; hind angles forming two acute very short spines. Scutellum brown, pale luteous towards the tip, with a luteous mark on each side at the base. Pectoral keel extending beyond the fore coxæ, deeper near its tip. Abdomen keeled beneath; spine short. Legs slender. Fore wings black along the exterior part of the costa; a subcostal callus near the tip; membrane cinereous. Length of the body 3 lines.

a. Tondano. Presented by W. W. Saunders, Esq.

Australia

25. Acanthosoma linea, *C. H.* 308.

a. Australia. Presented by Sir J. Richardson.

26. Acanthosoma placida.

Pallide viridi-testacea, elliptica, dense punctata; caput longiusculum, lobo medio lobos laterales perpaullo superante; antennæ rufæ, corporis dimidio non longiores: thorax fascia antica glabra abbreviata, fascia postica purpureo-rufa, angulis posticis obtusis; venter ochraceus, spina costas posticas attingente; alæ anticæ costa vittaque postica purpureo-rufis, membrana limpida.

Pale greenish testaceous, elliptical, thickly punctured. Head elongate; middle lobe extending very little beyond the lateral lobes. Rostrum extending to the hind coxæ; tip black. Antennæ red, nearly half the length of the body; first joint extending beyond the front of the head; second as long as the third; fourth much longer than the third; fifth nearly as long as the fourth. Thorax with a smooth abbreviated curved band in front, and with a purplish red band on the hind border; hind angles purplish red, obtuse, hardly prominent. Pectoral keel rather deep. Abdomen ochraceous beneath except towards the tip; spine extending to the hind coxæ. Legs rather short. Fore wings with a purplish red costa and with a purplish red stripe along the hind border; membrane pellucid. Length of the body 4½ lines.

Like *A. punctata* in structure.

a. Adelaide. Presented by W. W. Saunders, Esq.
a. Adelaide. From Mr. Stevens' collection.

27. Acanthosoma chlorophila.

Pallide viridis; antennæ fulvæ, corporis dimidio longiores; thorax transverse subimpressus, spatio anteriore glabro, fascia postica ochracea abbreviata, angulis posticis rotundatis; scutellum apice ochraceum; pectoris carina bene determinata; membrana fuscescente-cinerea, apud angulum posticum nigro notata.

Pale green, nearly elliptical, rather thinly and roughly punctured. Head rounded in front; lobes of equal length. Rostrum extending to the hind coxæ; tip black. Antennæ tawny, a little more than half the length of the body; first joint not extending to the front of the head; second much longer than the third; fourth longer than the second; fifth longer than the fourth. Thorax with a very slight transverse impression, in front of which there is a smooth space; an abbreviated ochraceous band near the hind border; hind angles rounded, not prominent. Scutellum ochraceous at the tip. Pectus with a much developed keel. Tarsi tawny. Membrane of the fore wings brownish cinereous, with a black mark adjoining the hind angle of the corium. Hind wings colourless. Length of the body 3 lines.

a. Australia. From Mr. Damel's collection.

New Zealand.

28. Acanthosoma vittata, *C. H.* 307.

a. New Zealand. From Mr. Earl's collection.
b. New Zealand.

29. Acanthosoma lutea.

lutea, *Le Guill*, *Rev. Zool.* 1841, 262.

Sandwich Isles.

Country unknown.

30. Acanthosoma proxima, *C. H.* 303.

a. ——? Presented by Gen. Hardwicke.

31. ACANTHOSOMA DIFFICILIS, *C. H.* 304.

a. ——— ?

32. ACANTHOSOMA DUBIA, *C. H.* 304.

a. ——— ?

33. ACANTHOSOMA EMERITA, *C. H.* 307.

a. ——— ? From Mr. Children's collection.

34. ACANTHOSOMA FASCIATOR, *C. H.* 310.

a. ——— ? Presented by Gen. Hardwicke.

35. ACANTHOSOMA RUFESCENS, *C. H.* 311.

a. ——— ? Presented by Gen. Hardwicke.

36. ACANTHOSOMA LÆVICORNIS, *C. H.* 311.

a—c. ——— ? Presented by Gen. Hardwicke.

37. ACANTHOSOMA PICICOLOR.

picicolor, *Hope*, *Cat. Hem.* 30.

Genus 54. BEBÆUS, *C. H.* 312.

1. BEBÆUS PUNCTIPES, *C. H.* 312.

a. Columbia. From M. Goudot's collection.
b. Venezuela. From Mr. Dyson's collection.
c. Columbia. Presented by W. W. Saunders, Esq.
d, *e.* Venezuela. From Mr. Birschell's collection.

Genus 55. HOFFMANSEGGIELLA.

Hoffmanseggiella, *Spinola.*

1. HOFFMANSEGGIELLA FRENATA.

frenata, *Spin.*
Java.

2. HOFFMANSEGGIELLA CURTISPINA.

curtispina, *Stal*, *Stett. Ent. Zeit.* xxii. 144.
Java.

Genus 56. EVOPLITUS.

Evoplitus, *Am. et Serv. Hem.* 153.

1. EVOPLITUS LACINIATUS.

Arvelius laciniatus, *Spin. Hem.* 347. *H.-Sch. Wanz. Ins.* v. 103, pl. 180, f. 155, 156.
Brazil.

Genus 57. SERDIA.

Serdia, *Stal*, *Rio Jan. Hem.* 25.

1. Serdia apicicornis.

apicicornis, *Stal*, *Rio. Jan. Hem.* 25.
Rio Janeiro.

2. Serdia calligera.

calligera, *Stal*, *Rio Jan. Hem.* 26.
Rio Janeiro.

3. Serdia limbatipennis.

limbatipennis, *Stal*, *Rio Jan. Hem.* 26.
Rio Janeiro.

4. Serdia inspersipes.

inspersipes, *Stal*, *Rio Jan. Hem.* 26.
Rio Janeiro.

Genus 58. TIBILIS.

Tibilis, *Stal*, *Rio Jan. Hem.* 26.

1. Tibilis subconspersa.

subconspersa, *Stal*, *Rio Jan. Hem.* 27.
Rio Janeiro.

Genus 59. LOPADUSA.

Lopadusa, *Stal*, *Eug. Resa*, 25.

1. Lopadusa augur.

augur, *Stal*, *Eug. Resa*, 25.
Rio Janeiro.

Genus 60. BANASA.

Banasa, *Stal*, *Rio Jan. Hem.* 24.

1. Banasa induta.

induta, *Stal*, *Rio Jan. Hem.* 24.
Rio Janeiro.

2. Banasa discifera.

discifera, *Rio Jan. Hem.* 24.
Rio Janeiro.

Genus 61. ACROSTERNUM.

Acrosternum, *Fieb. Hem.* 331.

1. Acrosternum Heegeri.

Heegeri, *Fieb. Hem.* 331.

South Europe.

Genus 62. VITELLUS.

Vitellus, *Stal, A. S. E. F. 4me Ser.* v. 170.

It may perhaps be united with *Cuspicona*, or may include some of the Australasian species of that genus.

1. Vitellus insularis.

insularis, *Stal, A. S. E. F. 4me Ser.* v. 170.

Fiji Isles.

2. Vitellus australis.

Rhynchocoris australis, *Mtrz. A. S. E. F. 4me Ser.* i. 65—Vitellus australis, *Stal, A. S. E. F. 4me Ser.* v. 171.

Lifu.

3. Vitellus pungens.

Rhynchocoris pungens, *Mtrz. A. S. E. F. 4me Ser.* i. 66—Vitellus pungens, *Stal, A. S. E. F. 4me Ser.* v. 172.

Woodlark.

4. Vitellus pugionatus.

pugionatus, *Stal, A. S. E. F. 4me Ser.* v. 171.

Aru.

5. Vitellus mucronatus.

mucronatus, *Stal, A. S. E. F. 4me Ser.* v. 171.

North Australia.

Genus 63. PORIPTUS.

Poriptus, *Stal.*

1. Poriptus? excellens.

Poriptus (Bucerocoris) excellens, *Mayr, Verh. Zool. Bot. Gesell. Wien.* xvi. 363.

Brazil.

Genus 64. DITOMOTARSUS.

Ditomotarsus, *Spin.*

1. Ditomotarsus geniculatus.

geniculatus, *Sign. Ann. Soc. Ent. Fr. 4me Ser.* iii. 519, pl. 12, f. 14.

Chili.

Genus 65. NOPALIS.

Nopalis, *Sign. Ann. Soc. Ent. Fr. 4me Ser.* iii. 551.

1. Nopalis sulcatis.

sulcatus, *Sign. Ann. Soc. Ent. Fr. 4me Ser.* iii. 551, pl. 12, f. 15.
Chili.

Genus 66. SINOPLA.

Sinopla, *Sign. Ann. Soc. Ent. Fr. 4me Ser.* iii. 552.

1. Sinopla perpunctata.

perpunctata, *Sign. Ann. Soc. Ent. Fr. 4me Ser.* iii. 552, pl. 12, f. 16.
Chili.

2. Sinopla obsoleta.

obsoleta, *Sign. Ann. Soc. Ent. Fr. 4me Ser.* iii. 553, pl. 12, f. 17.
Chili.

Genus 67. PLANOIS.

Planois, *Sign. Ann. Soc. Ent. Fr. 4me Ser.* iii. 551.

1. Planois bimaculatus.

bimaculatus, *Sign. Ann. Soc. Ent. Fr. 4me Ser.* iii. 551, pl. 11, f. 2.
Chili.

Genus 68. LANOPIS.

Lanopis, *Sign. A. S. E. F. 4me Ser.* iii. 554.

1. Lanopis rugosus.

rugosus, *Sign. A. S. E. F. 4me Ser.* iii. 554, pl. 12, f. 18.
Chili.

Genus 69. CYLINDROCNEMA.

Cylindrocnema, *Mayr. Verh. Zool. Bot. Ges. Wien.* xiv. 912.

1. Cylindrocnema plana.

plana, *Mayr, Verh. Zool. Bot. Ges. Wien.* xiv. 913.
Chili.

Genus 70. PLACOCORIS.

Placocoris, *Mayr, Verh. Zool. Bot. Ges. Wien.* xiv. 913.

1. Placocoris viridis.

viridis, *Mayr, Verh. Zool. Bot. Ges. Wien.* xiv. 914.
Brazil.

Genus 71. COPEOCORIS.

Copeocoris, *Mayr, Verh. Zool. Bot. Gesell. Wien.* xvi. 363.

1. Copeocoris abscissus.

abscissus, *Mayr*, *Verh. Zool. Bot. Gesell. Wien.* xvi. 363.

Brazil.

Genus 72. EURYASPIS.

Euryaspis, *Sign.*

1. Euryaspis Signoreti.

Signoreti, *Stal*, *Ofv. Vet. K. Ak. Forh.* 1856, 183.

Senegal.

2. Euryaspis transversalis.

transversalis, *Sign.*

Hindostan.

Genus 73. ASYLA.

Corpus ellipticum. Caput magnum, antice rotundatum, lateribus subreflexis, lobis lateralibus lobum medium ex parte tegentibus. Rostrum segmenti ventralis 2i marginem posticum fere attingens. Antennæ graciles. Thorax angulis anticis acutis, lateribus anticis serratis, cornubus duobus posticis abbreviatis rectangulatis. Pectus vix carinatum. Abdomen concavum, lateribus subdentatis. Pedes longiusculi, sat graciles; tibiæ sulcatæ; tarsi triarticulati. Membrana alarum anticarum venis quinque longitudinalibus, 1a furcata.

Body elliptical. Head large, much rounded in front; sides slightly reflexed; lateral lobes as long as the middle lobe, which they partly overlap. Rostrum extending nearly to the hind border of the second ventral segment. Antennæ slender; first joint not extending to the front of the head; second much shorter than the third. Thorax serrated on each side in front; fore angles acute; hind angles dilated, forming two short rectangular horns. Scutellum rather small. Pectus with a very slight keel. Abdomen somewhat concave above, slightly dentate along each side. Legs rather long and slender; tibiæ furrowed; tarsi three-jointed. Membrane of the fore wings with five longitudinal veins, of which the subcostal one is forked.

It is most allied to *Galedanta* and to *Euschistus*, from both which genera it may be distinguished by the structure of the head.

1. Asyla indicatrix.

Fulva, scite nigricante punctata, subtus testacea ferrugineo conspersa; rostrum apice nigrum; antennæ nigræ; thorax anticus vage punctatus; scutellum apud angulos anticos excavatum; tarsi fusci; membrana lurido-cinerea.

Tawny, minutely and rather thinly punctured; punctures blackish; under side testaceous, ferruginous-speckled. Rostrum with a black tip. Antennæ black. Thorax most thinly punctured in front. Scutellum much

excavated at each fore angle. Tarsi brown. Membrane of the fore wings lurid-cinereous. Hind wings cinereous. Length of the body 10 lines.

a. Hindostan. From Mr. Stevens' collection.

Genus 74. CANOCA.

Corpus longi-ovatum. Caput antice rotundatum; lobi æquales. Rostrum coxas posticas attingens. Antennæ graciles, corporis dimidio non longiores; articulus 1us frontem non attingens. Thorax lateribus anticis serratis, cornubus duobus deflexis latis truncatis. Pectus subcarinatum. Abdomen apice dentatum. Pedes sat validi; tarsi triarticulati. Alæ anticæ membrana venis plurimis longitudinalibus instructa.

Body elongate-oval. Head rounded in front; lobes of equal length. Rostrum extending to the hind coxæ. Antennæ slender, about half the length of the body; first joint not extending to the front of the head; third longer than the second, much shorter than the fourth. Thorax serrated along each side in front; hind angles forming two broad truncated directly diverging horns. Pectus with a shallow keel. Abdomen dentate at the tip. Legs moderately stout; tarsi three-jointed. Membrane of the fore wings with numerous longitudinal veins, some of which are forked.

Most allied to *Euschistus*, from which it may be distinguished by the structure of the thorax and by the keeled pectus.

1. Canaca abrupta.

Fulva, rude viridi punctata, subtus lutea; thorax antice vage punctatus; abdominis dorsum sordide rufum; membrana lurido-cinerea.

Tawny, roughly punctured, luteous beneath; punctures mostly green. Rostrum with a black tip. Thorax less thickly punctured in front. Abdomen above dull red. Membrane of the fore wings lurid-cinereous. Hind wings dark cinereous; veins tawny. Length of the body 7½ lines.

a. Guatemala. From Mr. Deby's collection.

Genus 75. SALA.

Corpus subellipticum, convexum, scitissime punctatum. Caput magnum, thorace paullo longius, lateribus subreflexis, lobo medio lobos laterales paullo superante. Rostrum segmentum ventrale 2um attingens. Antennæ gracillimæ, corporis dimidio longiores. Thorax angulis postice valde rotundatis. Scutellum longum, apice rotundatum. Pedes longiusculi, sat graciles; tibiæ sulcatæ; tarsi triarticulati. Alæ anticæ parvæ, abdominis apicem non attingentes.

Body nearly elliptical, convex, very finely punctured. Head large, elongate, a little longer than the thorax; sides very slightly reflexed; middle lobe extending a little beyond the lateral lobes. Rostrum extending to the fore part of the second ventral segment. Antennæ very slender, more than half the length of the body; first joint not extending to the front of the head; third longer than the second, shorter than the fourth; fifth much shorter than the fourth. Thorax transversely and very slightly impressed; hind angles much rounded, not prominent.

Scutellum long, rounded at the tip. Legs rather long and slender; tibiæ furrowed; tarsi three-jointed. Fore wings rather small; membrane with longitudinal veins, not extending to the tip of the abdomen.

The large head and other characters sufficiently distinguish this genus from *Eysarcoris*.

1. Sala colorata.

Rufa aut nigra, subtus flava aut viridis; caput viridi bivittatum; thorax flavo marginatus, univittatus et unifasciatus; scutellum flavo trivittatum; pectus rufo plagiatum; venter vittis duabus dentatis fasciisque tribus abbreviatis nigris; pedes nigri, femoribus testaceis apice nigris; alæ anticæ margine interrupto vittaque abbreviata fuscis, membrana fusca cinereo marginata.

Red or black, yellow or pale green beneath. Head black, with two pale green stripes above and beneath. Rostrum black; its sheaths pale green towards the base. Antennæ black. Thorax bordered with pale yellow; a stripe and a band of the same hue. Scutellum with three pale yellow stripes, which are connected at the tip. Pectus with three red patches on each side. Abdomen beneath with a black dentate stripe on each side and with three short black bands. Legs black; coxæ and femora testaceous, the latter with black tips. Fore wings with an abbreviated yellow stripe and with a yellow border, which is interrupted on the hind side and is dilated at the tip; membrane brown, bordered with cinereous. Length of the body 5—5½ lines.

a, b. E. Africa. Presented by Earl Russell.

Genus 76. BOEA.

Corpus ellipticum, breve, latum, punctatum. Caput parvum, subtrigonum; latera reflexa. Oculi prominuli. Rostrum coxas medias attingens. Antennæ quadriarticulatæ, gracillimæ, corporis dimidio longiores; articulus 1us frontem attingens. Thoracis anguli postici valde rotundati. Pectus non carinatum. Abdomen spina nulla ventrali. Pedes graciles; tarsi triarticulati.

Body elliptical, short, broad, finely punctured. Head small, nearly triangular; sides reflexed. Eyes prominent. Ocelli nearer to the eyes than to each other. Rostrum extending to the middle coxæ. Antennæ four-jointed, very slender, more than half the length of the body; first joint extending to the front of the head; third shorter than the second, longer than the fourth. Hind angles of the thorax much rounded, not prominent. Scutellum of the usual form. Pectus not keeled. Abdomen with no spine. Legs slender; tarsi three-jointed. Membrane of the fore wings with longitudinal veins.

Type *B. purpurascens*. This genus has most affinity to *Strachia*.

1. Boea purpurascens.

Fulva, subtus pallide flava; caput luteum; thorax dense punctatus, luteo marginatus, lateribus reflexis; scutellum subattenuatum; alæ anticæ purpurascentes; membrana cinerea.

Tawny, smooth and pale yellow beneath. Head luteous, smooth. Antennæ luteous; tips of the second and third joints black. Thorax thickly punctured, luteous and smooth along each side, which is reflexed. Scutellum slightly attenuated towards the tip. Abdomen broader than the fore wings. Legs pale testaceous. Fore wings purplish, less thickly punctured in the disk; membrane cinereous. Length of the body $3\frac{1}{2}$ lines.

a. Amazon Region. From Mr. Bates' collection.

2. Boea postica.

Testacea, vage punctata, subtus pallide flava; caput glabrum, disco subochraceo; antennæ nigræ, basi testaceæ; thorax transverse impressus, postice subochraceus; scutellum apice latiusculum rotundatum, macula subapicali purpurea; alæ anticæ corii margine apicali purpureo, membrana pallide cinerea.

Testaceous, very thinly punctured, pale yellow beneath. Head smooth, slightly ochraceous in the disk. Antennæ black; first joint testaceous. Thorax transversely impressed on each side; hind part somewhat ochraceous. Scutellum rounded and rather broad at the tip, with a purple subapical spot. Fore wings purple about the outer border; membrane pale cinereous. Length of the body $3\frac{1}{2}$ lines.

a. Amazon Region. From Mr. Bates' collection.

3. Boea auriflua.

Ochracea, vage punctata; caput vitta purpurea postice dilatata; antennæ nigræ; thorax purpureo bimaculatus; scutellum purpureo bistrigatum; femora apice tibiæque purpurea; alæ anticæ purpureæ, basi costaque ochraceis, membrana purpurea limpido late marginata.

Ochraceous, very thinly punctured. Head contracted in front, with a purple stripe, which is dilated hindward and occupies the whole space between the eyes. Antennæ black; first joint luteous at the base. Thorax with two large purple spots which join the hind border and are separated by a slender stripe and are rounded on the outer side. Scutellum with two purple marginal streaks which are parallel to each other except towards the base, where they diverge. Femora purple towards the tips; tibiæ purple; fore tibiæ with ochraceous tips; tarsi purple above at the base. Fore wings purple, ochraceous at the base and along the costa; membrane purple, with a broad colourless border. Length of the body 4 lines.

a, b. Ega. From Mr. Bates' collection.

Genus 77. LELIA.

Corpus latum, subellipticum. Caput rotundatum; lobi æquales. Rostrum coxas posticas attingens. Antennæ corporis dimidio breviores; articulus 1us frontem non attingens. Thorax lateribus anticis serratis, cornubus duobus porrectis latissimis rectangulatis. Scutellum apice subattenuatum. Pectus vix carinatum. Spina ventralis coxas medias superans. Pedes sat graciles; tibiæ sulcatæ; tarsi triarticulati.

Body ample, nearly elliptical. Head rounded in front; lobes of equal length. Rostrum extending to the hind coxæ. Antennæ little more than one-third of the length of the body; first joint not extending to the front of the head; second much shorter than the third; fourth almost as long as the third. Thorax with the sides serrated in front; hind angles forming two porrect rectangular very broad horns. Scutellum slightly attenuated towards the tip. Pectus with a very slight keel. Abdomen not keeled; ventral spine stout, extending to the middle space between the fore coxæ and the middle coxæ. Legs moderately long and slender; tibiæ furrowed; tarsi three-jointed. Membrane of the fore wings with longitudinal veins.

This genus is most allied to *Prionaca*, from which it may be distinguished by the structure of the thorax and by the long ventral spine.

1. Lelia porrigens.

Fulva, dense punctata, subtus lutea; rostrum apice nigrum; antennæ apices versus nigræ; thorax guttis quatuor anticis, lateribus anticis serratis; scutellum nigro quadriguttatum et bipunctatum; pectus nigro punctatum; tarsi anteriores nigri; membrana cinerea.

Tawny, thickly punctured, luteous beneath. Rostrum with a black tip. Fourth and fifth joints of the antennæ black, the former tawny at the base. Thorax with four black dots in a transverse line; a curved smooth mark on each side nearer the fore border; serrated sides testaceous. Scutellum with a black dot on each side at the base and with a smaller black dot on each side in the disk; a black point near each fore angle. Pectus with a few black points. Anterior tarsi black. Membrane of the fore wings cinereous. Length of the body 9 lines.

a. Japan. From Mr. Stevens' collection.

Genus 78. UCIA.

Corpus ovatum, rude punctatum. Caput antice subquadratum, lobis lateralibus lobum medium superantibus antice connexis. Rostrum coxas posticas attingens. Antennæ clavatæ, corporis triente breviores; articulus 1us frontem non attingens; 2us 3o longior; 5us 4o brevior. Thorax transverse subimpressus, cornubus duobus lateralibus truncatis, laminis duabus anticis rotundatis. Pectus non carinatum. Spina ventralis caput attingens. Pedes breves, robusti; tarsi biarticulati.

Body oval, roughly punctured. Head subquadrate in front; lateral lobes conniving beyond the middle lobe. Rostrum extending to the hind coxæ. Antennæ clavate, less than one-third of the length of the body; first joint not extending to the front of the head; second longer than the third; fourth as long as the third; fifth a little shorter. Thorax slightly and transversely impressed; hind angles forming two truncate horns which have slightly reflexed borders; a thin rounded oblique horn on each side in front. Scutellum short, rounded at the tip. Pectus not keeled. Ventral spine stout, extending to the head. Legs short, stout; tarsi two-jointed. Membrane of the fore wings with five longitudinal veins, of which the second is forked and joined by a transverse vein with the first.

This genus is distinguished from *Duadicus* by the structure of the antennæ and by the truncate horns of the thorax.

1. Ucia mutilata.

Testacea, fusco punctata; antennæ pallide testaceæ; thorax plaga fusca luteo binotata; scutellum fuscum, guttis duabus basalibus lituraque apicali cyathiformi flavis; pectus vittis duabus fuscis latis flavo notatis; venter fusco quadriplagiatus; pedes fusco fasciati; membrana cinerea, striga subcostali venisque fuscis.

Testaceous; punctures brown. Antennæ pale testaceous. Thorax with two luteous calli in the disk, the smaller one in front of the larger one, both included in a brown patch; horns with black ridges. Scutellum brown; a yellow dot on each side at the base, and a cyathiform yellow apical mark. Pectus on each side with a broad brown stripe which includes three yellow calli. Abdomen beneath with two brown patches on each side. Femora with an irregular brown band, which is sometimes obsolete in the fore femora; tibiæ and tarsi with two brown bands, which are sometimes indistinct. Membrane of the fore wings cinereous, with a brown subcostal streak and with brown veins. Length of the body $2\frac{1}{3}$ lines.

a. Australia. From Mr. Damel's collection.

Genus 79. ARADUCTA.

Corpus fusiforme, fere glabrum. Caput breve, latum, transverse striatum, lobis æqualibus. Rostrum coxas medias attingens. Antennæ graciles, corporis dimidio non longiores; articulus 1us frontem attingens. Thorax angulis posticis rotundatis. Scutellum attenuatum. Pectoris carina coxas anticus attingens. Abdomen elongatum; spina ventralis coxas medias attingens. Pedes graciles; tarsi triarticulati.

Body fusiform, very slightly punctured. Head short, broad, transversely striated, rounded in front; lobes of equal length; middle lobe very narrow. Rostrum slender, extending to the middle coxæ. Antennæ slender, about half the length of the body; first joint extending to the front of the head; third longer than the second, shorter than the fourth; fifth a little shorter than the fourth. Thorax slightly impressed on each side in front; hind angles rounded, not prominent. Scutellum attenuated towards the tip. Pectoral keel distinct, extending to the fore coxæ. Abdomen more than twice the length of the thorax; ventral spine extending to the middle coxæ. Legs slender; tarsi three-jointed. Membrane of the fore wings with nine longitudinal veins.

The structure of this genus sufficiently distinguishes it from *Cuspicona.*

1. Araducta glabrata.

Nigra, nitens; caput antice testaceo marginatum; thorax testaceo submarginatus; carina pectoralis et spina ventralis testaceæ; alæ anticæ striga lata testacea, membrana cinerea; pedes testacei.

Black, shining, very thinly punctured. Head testaceous-bordered in front. Rostrum testaceous; tip blackish. Thorax with a slender testaceous

line along the middle part of the fore border and along each side. Pectoral keel, ventral spine and legs pale testaceous. Fore wings with a broad irregular pale testaceous streak in the disk; membrane cinereous. Length of the body $5\frac{1}{2}$—6 lines.

a. Aru. Presented by W. W. Saunders, Esq.
b, c. New Guinea. Presented by W. W. Saunders, Esq.

Genus 80. EALDA.

Corpus longi-ovatum. Caput productum; lobi æquales. Rostrum validum, coxas posticas attingens. Antennæ graciles, corporis dimidio vix breviores; articulus 1us capitis frontem non attingens. Thorax antice glaber; spinæ laterales crassæ, acutæ, longissimæ, subascendentes. Scutellum apice attenuatum. Pectoris carina sulcata. Abdomen apice bispinosum; spina ventralis coxas posticas attingens. Pedes graciles; tarsi triarticulati.

Body elongate-oval. Head elongate; lobes of equal length. Rostrum stout, extending to the hind coxæ, received between the fore coxæ and the hind coxæ in the groove of the double pectoral keel. Antennæ slender, nearly half the length of the body; first joint not extending to the front of the head; second much longer than the third; fourth a little longer than the third; fifth shorter than the fourth. Thorax mostly smooth in front; hind angles forming two acute very long and stout slightly ascending spines. Scutellum attenuated towards the tip. Pectus with a double keel, which extends from the fore coxæ to the hind coxæ. Abdomen with two long stout acute apical spines; ventral spine extending to the hind coxæ. Legs slender; tarsi three-jointed.

In the double pectoral keel this genus agrees with *Diplostira*, from which it differs widely in other characters.

1. Ealda minax.

Testacea, rude fusco punctata; caput nigricante-viridi quadrifasciatum; antennæ nigro trifasciatæ; thorax fusco nebulosus, spatio antico transverso glabro, spinis nigricantibus apice rufescentibus; scutellum nigricante uniplagiatum; pectus viridi plagiatum; venter viridi bivittatus; membrana æneo-fusca.

Testaceous, roughly punctured; punctures brown. Head with four blackish green stripes. Third, fourth and fifth joints of the antennæ black towards the tips. Thorax slightly clouded with brown, with a smooth transverse space in front; spines blackish, reddish towards the tips. Scutellum with a blackish patch on the fore border. Pectus with some metallic-green patches. Abdomen beneath with two very irregular green stripes. Membrane of the fore wings æneous-brown. Length of the body $5\frac{1}{2}$ lines.

a, b. New Caledonia. From Mr. Macgillivray's collection.

Genus 81. BALSA.

Corpus fusiforme, dense punctatum. Caput lanceolatum; lobi laterales lobum medium longe superantes, apice disjuncti. Rostrum coxas posticas attingens. Antennæ graciles. Thorax lateribus anticis crenatis, angulis posticis subobtusis. Scutellum attenuatum. Pectus vix carinatum. Pedes gracillimi, longiusculi; tibiæ sulcatæ; tarsi triarticulati.

Body fusiform, thickly and minutely punctured. Head lanceolate; lateral lobes extending very much beyond the middle lobe, separate at the tips. Rostrum extending to the hind coxæ. Antennæ slender; first joint much shorter than the anterior part of the head. Thorax with the sides crenated in front; hind angles slightly obtuse and prominent. Scutellum attenuated towards the tip. Pectoral keel extremely slight. Legs very slender, rather long; tibiæ furrowed; tarsi three-jointed.

It has most affinity to *Arvelius*, from which it is sufficiently distinguished by the want of a ventral spine.

1. Balsa extenuata.

Testacea; caput lituris duabus posticis glabris; thorax lateribus anticis nigris, lituris duabus posticis glabris arcuatis; scutellum basi nigro bipunctatum; venter vitta maculari nigra; femora nigro subconspersa; membrana limpida.

Testaceous, paler beneath. Head with a smooth space on each side of the hind border. Rostrum with a black tip. Thorax with a curved smooth mark on each side of the hind border; sides black in front. Scutellum with a black point on each side at the base. Abdomen beneath with a stripe of black spots. Femora slightly speckled with black. Membrane of the fore wings pellucid. Length of the body 6½ lines.

a. North China. From Mr. Fortune's collection.

Fam. 13. UROSTYLIDÆ, *C. H.* 313.

Genus 1. UROCHELA, *C. H.* 313.

1. Urochela bimaculata, *C. H.* 313.

a. N. Hindostan. From Capt. Boys' collection.

2. Urochela obscura, *C. H.* 314.

a, *b*. Hindostan. From Mr. Children's collection.
c—*e*. ———? Presented by Gen. Hardwicke.
f—*i*. ———?

3. Urochela quadripunctata.

quadripunctata, *Dallas*, *Trans. Ent. Soc. New Ser.* i. 3, pl. 2, f. 1.
Hindostan.

4. Urochela discrepans.

Fulva, longi-elliptica, vage punctata, punctis fuscis aut nigris; caput nigro unimaculatum; rostrum segmentum ventrale 3um attingens; antennæ nigræ, corporis dimidio longiores, articulo 5o rufescente apice piceo; thorax vittis quatuor indeterminatis lateribusque subreflexis nigris; scutellum nigro biguttatum et bivittatum; pectus et venter e punctis nigris quadrivittata; alæ anticæ nigro biguttatæ, membrana lurido-cinerea.

Tawny, elongate-elliptical, thinly punctured, a little paler beneath; punctures brown or black. Head with a black spot on the hind border; middle lobe conical, extending much beyond the lateral lobes. Rostrum extending nearly to the hind border of the third ventral segment; tip black. Antennæ black, more than half the length of the body; first joint extending much beyond the front of the head; second as long as the first; third about half the length of the second; fourth a little shorter than the second; fifth reddish, piceous towards the tip, a little shorter than the fourth. Thorax with four incomplete and irregular black stripes and with black slightly reflexed sides. Scutellum with two broad black stripes, and with a black dot on each fore angle. Pectus and under side of abdomen with four rows of black points. Fore wings with two black dots, one in the disk and one on the middle of the outer border; membrane lurid-cinereous. Length of the body 6 lines.

The middle lobe of the head is more prominent than that of *U. bimaculata*, and the first joint of the antennæ is more slender.

a, *b*. Hindostan. From Mr. Stevens' collection.

Genus 2. UROSTYLIS, *C. H.* 315.

1. Urostylis punctigera, *C. H.* 315.

a. ——? Presented by Gen. Hardwicke.
b, *c*. ——?

2. Urostylis gracilis, *C. H.* 315.

a. N. Hindostan. From Capt. Boys' collection.

3. Urostylis pallida, *C. H.* 315.

a. N. Hindostan. From Capt. Boys' collection.

4. Urostylis flavoannulata.

flavoannulata, *Stal*, *Ofv. af Kongl. Vet. Ac. Forh.* 1834, 233; *Stett. Ent. Zeit.* xix. 178.

Siberia.

5. Urostylis histrionica.

histrionica, *Hope*, *Cat. Hem.* 46.

Hindostan.

6. Urostylis notulata.

notulata, *Dallas, Trans. Ent. Soc. New Ser.* ii. 16.

Hindostan.

7. Urostylis lateralis.

Pallide testaceo-viridis, fusiformis, scitissime punctata; rostrum coxas anticas paullo superans; antennæ corpore non breviores, articulo 1o nigro-vittato, 3o 4oque apice nigris; thorax lateribus ochraceis subreflexis; abdomen ochraceo marginatum; alæ anticæ apud costam nigro conspersæ, costa basi ochracea, membrana limpida.

Pale testaceous-green, fusiform, very finely punctured. Head small. Rostrum extending a little beyond the fore coxæ; tip black. Antennæ slender, as long as the body; first joint as long as the thorax, striped with black on the outer side; second longer than the first; third nearly half the length of the second, sometimes black at the tip; fourth black at the tip, much longer than the third. Sides of the thorax ochraceous, slightly reflexed. Abdomen with an ochraceous border. Legs rather slender. Fore wings minutely speckled with black along the costa, which is ochraceous towards the base; membrane pellucid. Length of the body 6 lines.

a, b. N. China. From Mr. Fortune's collection.

8. Urostylis Sinensis.

Prasina, fusiformis, rude punctata, subtus testacea; caput ochraceum; rostrum coxas medias fere attingens; thorax transverse impressus, lateribus ochraceis subreflexis; scutellum ochraceum; membrana limpida, fusco bistrigata.

Grass-green, fusiform, rather thinly and roughly punctured, testaceous beneath. Head above ochraceous. Rostrum extending nearly to the middle coxæ; tip black. First joint of the antennæ almost as long as the thorax. Thorax ochraceous and slightly reflexed along each side and along the fore border, near which there is a slight transverse impression. Scutellum ochraceous. Legs slender. Membrane of the fore wings pellucid, with two brown streaks. Length of the body 6½ lines.

a. Shanghai. From Mr. Fortune's collection.

9. Urostylis lygoides.

Testacea, fusiformis, dense punctata; rostrum coxas anticas paullo superans; antennæ gracillimæ, corpore longiores; thorax lateribus subreflexis; pedes longi, graciles, tibiis anticis apice subdilatatis; alæ anticæ gutta postica nigra, membrana limpida.

Testaceous, fusiform, thickly punctured. Rostrum extending a little beyond the fore coxæ; tip black. Antennæ very slender, somewhat longer than the body; first joint a little longer than the thorax; second almost as long as the first; third more than half the length of the second; fourth a little longer than the second; fifth shorter than the fourth. Thorax with the sides slightly reflexed. Scutellum with an ochraceous callus on each side at the base. Legs long, slender; fore tibiæ slightly dilated at the

tips. Fore wings with a black dot on the hinder base of the membrane, which is pellucid. Length of the body 5 lines.

a. Celebes. From Mr. Wallace's collection.

10. Urostylis fumigata.

Testacea, fusiformis, subtilissime punctata; rostrum coxas anticas superans; antennæ piceæ, corpore vix breviores, articulis 1o 2oque testaceis, 4o basi pallide testaceo; maris abdomen cornu apicali lanceolato bispinoso; membrana fuscescente-cinerea.

Testaceous, fusiform, very finely punctured. Head very small. Rostrum extending to half the space between the fore coxæ and the middle coxæ; tip black. Antennæ nearly as long as the body; first joint almost as long as the thorax; second much longer than the first; third piceous, a little more than half the length of the second; fourth and fifth piceous, pale testaceous towards the base; fourth a little shorter than the second; fifth much shorter than the fourth. Thorax with a very slight transverse impression; sides very slightly reflexed. Abdomen with large apical appendages; the upper segment lanceolate, armed beneath with two spines. Membrane of the fore wings brownish cinereous. Length of the body $4\frac{1}{2}$ lines.

The shorter antennæ distinguish it from *H. lygoides.*

a. Silhet. Presented by J. C. Bowring, Esq.

11. Urostylis philoides.

Testaceo-viridis, fusiformis, subtilissime punctata, subtus testacea; rostrum coxas medias fere attingens; antennæ corpore paullo longiores, articulo 3o nigro, 4o nigricante basi pallide testaceo; scutellum callis duobus basalibus apiceque ochraceis; maris abdomen apice quadrispinosum; alæ anticæ pallide virides, membrana lurido-cinerea.

Testaceous-green, fusiform, very finely punctured, testaceous beneath. Head small. Rostrum extending almost to the middle coxæ; tip black. Antennæ a little longer than the body; first joint a little longer than the thorax; second as long as the first; third black, about half the length of the second; fourth blackish, pale testaceous at the base, a little longer than the second. Thorax with a very slight transverse impression; sides hardly reflexed. Scutellum ochraceous towards the tip and with an ochraceous callus on each side at the base. Abdomen of the male with very large apical appendages; two long stout slightly ascending spines, above which there are two little spines. Fore wings pale green; membrane lurid-cinereous. Length of the body $3\frac{1}{2}$ lines.

It has most affinity to *U. fumigata*, from which it is distinguished by the longer and more slender basal joint of the antennæ and by the calli on the scutellum.

a. Birmah. From Mrs. Waring's collection.

12. Urostylis lopoides.

Testacea, longi-elliptica, subtiliter fusco punctata; rostrum coxas anticas superans; antennæ corpore non breviores, articulo 2o nigro basi testaceo, 3o 4oque nigris, hujus dimidio basali albido, 5o albido apice nigro; thorax et scutellum testaceo pallido univittata; thorax lateribus pallide testaceis, punctis duobus marginalibus nigris elongatis; alæ anticæ fusco quadrimaculatæ, membrana lurido-cinerea.

Testaceous, elongate-elliptical, minutely punctured; punctures brown. Head small. Rostrum extending to half the space between the fore coxæ and the middle coxæ. Antennæ pubescent, as long as the body; first joint rather stout, as long as the thorax; second black, testaceous at the base, as long as the first; third black, about half the length of the second; fourth black, whitish for nearly half the length from the base, shorter than the second; fifth whitish, black towards the tip, shorter than the fourth. Thorax with a pale testaceous longitudinal line and with a slight transverse impression, pale testaceous and slightly reflexed on each side and along the fore border; an elongated black point in front of each hind angle. Scutellum with a pale testaceous line. Legs moderately long and slender. Fore wings with four small brown spots; first and second costal; first near the base; second at a little before the middle; third in the disk; fourth on the middle of the outer border; membrane lurid-cinereous. Length of the body 4—4½ lines.

It differs more than all the other species from the typical form of the genus.

a, *b*. Hindostan. From Mr. Stevens' collection.

Genus 3. UROLABIDA, *C. H.* 316.

1. Urolabida tenera, *C. H.* 316.

a, *b*. ——— ? Presented by Gen. Hardwicke.
c. Hindostan. From Mr. Stevens' collection.

2. Urolabida semicircularis.

Typhlocoris semicircularis, *H.-Sch. Wanz. Ins.* v. 79, pl. 170, f. 525.

Ochracea, fusiformis, scitissime punctata; rostrum coxas medias fere attingens; antennæ nigricantes; corpore vix breviores, articulo 1o rufescente; thorax viridi triplagiatus, lateribus subreflexis; tibiæ anticæ apice nigræ, subdilatatæ; tarsi antici basi nigri; alæ anticæ strigis duabus pallide viridibus, striga costali saturatiore, litura exteriore nigra, membrana subochracea. Var. β. — *Antennæ pallide virides, nigricante fasciatæ.*

Ochraceous, fusiform, very finely punctured. Head small. Rostrum extending nearly to the middle coxæ. Antennæ blackish, slender, nearly as long as the body; first joint reddish, as long as the thorax; second a little longer than the first; third a little more than half the length of the

second; fourth shorter than the second; fifth shorter than the fourth, reddish at the base. Thorax with three bright green patches, one in the middle and one on each side of the hind border; sides slightly reflexed. Abdomen and posterior legs ferruginous. Fore legs greenish testaceous; tibiæ black and slightly dilated at the tips; tarsi black at the base. Fore wings with two pale green streaks and with a deeper green costal streak; an irregular black mark along the outer side; membrane slightly ochraceous. Hind wings pellucid. *Var.* β.—Antennæ pale green; joints with blackish tips; first wholly blackish. Legs pale greenish testaceous. Length of the body 5 lines.

This species agrees in structure with *U. binotata*, from which it is chiefly distinguished by the length of the antennæ.

a. Hindostan. From Mr. Stevens' collection.
b, c. ——— ? From Mr. Vigors' collection.

3. Urolabida Grayi, *C. H.* 316.

a. Hindostan. From Mr. Stevens' collection.
b, c. ——— ?

4. Urolabida binotata.

Viridi-testacea, fusiformis, scitissime punctata; rostrum coxas anticas paullo superans; antennæ nigro fasciatæ, corpore paullo longiores; thorax transverse impressus, lateribus subreflexis; alæ anticæ striga nigra longitudinali, membrana limpida.

Greenish testaceous, fusiform, very finely punctured. Head small. Rostrum extending a little beyond the fore coxæ; tip black. Antennæ slender, a little longer than the body; first joint as long as the thorax; second as long as the first; third, fourth and fifth black towards the tips; third much shorter than the fourth; fourth a little shorter than the third; fifth shorter than the fourth. Thorax transversely impressed in front; sides slightly reflexed. Abdomen with two apical laminæ. Fore wings with a black longitudinal streak extending from the disk to the outer border of the corium; membrane pellucid. Length of the body 5 lines.

a. Silhet. Presented by J. C. Bowring, Esq.

Genus 4. EBORA.

Corpus longi-ellipticum, subdepressum, dense punctatum. Caput lateribus reflexis, lobis lateralibus lobum medium paullo superantibus. Ocelli duo. Rostrum robustum, coxas anticas paullo superans. Antennæ quinque articulatæ, corporis dimidio longiores; articulus 1us frontem paullo superans. Thorax lateribus reflexis, angulis posticis valde rotundatis. Pedes longiusculi, sat validi; tibiæ sulcatæ; tarsi triarticulati.

Body elongate-elliptical, rather flat, thickly punctured. Head rather shorter than the thorax; sides reflexed; lateral lobes extending a little beyond the middle lobe. Ocelli distinct. Rostrum stout, extending a little beyond the fore coxæ. Antennæ five-jointed, a little more than half the length of the body; first joint extending a little beyond the front of the head; second much longer than the third; fourth almost as long as the

second; fifth a little shorter than the fourth. Thorax with the sides slightly reflexed; hind angles much rounded. Legs rather long and stout; tibiæ furrowed; tarsi three-jointed. Fore wings extending to the tip of the abdomen.

Type *E. circumdata.*

The structure of the head distinguishes this genus from *Urochela.*

1. Ebora circumdata.

Nigricante-viridis, rubro varia, rude punctata; caput fulvo marginatum; rostrum fulvum; antennæ nigræ, articulis 3o 4o 5oque basi fulvis; thoracis latera fulva; scutellum apice fulvum; pedes fulvo fasciati; membrana nigricans.

Blackish green, varied with dark red, roughly punctured. Head with a tawny border. Rostrum tawny. Antennæ black; third, fourth and fifth joints tawny at the base. Thorax with tawny sides. Scutellum tawny at the tip. Femora and tarsi towards the base and coxæ tawny; tibiæ with a tawny band. Membrane of the fore wings blackish. Length of the body 6½ lines.

a. Adelaide. From Mr. Stevens' collection.

2. Ebora postica.

Nigricante-rufa, longi-elliptica, rude nigro punctata; caput rufo marginatum, lobis æqualibus; rostrum rufum, coxas posticas attingens; antennæ nigræ, articulis basi rufis; thorax carinis duabus transversis lateribusque rufis; scutellum callis duobus basalibus apiceque rufis; abdomen maculis marginalibus vittaque ventrali abbreviata rufis; pedes rufo fasciati; membrana nigra.

Blackish red, elongate-elliptical, roughly punctured; punctures black. Head with red reflexed borders; lobes of equal length. Rostrum red, extending to the hind coxæ; tip black. Antennæ black, full half the length of the body; joints more or less red towards the base; first extending beyond the front of the head; second a little longer than the third; fourth a little longer than the second; fifth longer than the fourth. Thorax with a transverse impression, in front of which there are two red smooth transverse ridges; sides red, slightly reflexed. Scutellum with a red callus on each side at the base and with a smooth red tip. Abdomen with red spots along each side; a slight furrow and with an abbreviated red stripe beneath. Legs stout; femora and tarsi towards the base, coxæ and knees red. Fore wings with a black slightly coriaceous membrane. Length of the body 5½ lines.

Queensland. In the National Museum at Melbourne.

3. Ebora? plana.

Piceo-nigra, elliptica, rude punctata, subtus nigra; caput lateribus rufis, lobis lateralibus lobum medium superantibus; rostrum rufum, coxas posticas attingens; antennæ nigræ, articulo 1o rufo, 5o flavo basi apiceque nigro; thoracis latera rufa; venter rufo marginatus; pedes rufi; tarsis nigris; membrana nigra cinereo marginata.

Piceous-black, elliptical, roughly punctured, black beneath. Head red along each side, slightly retuse in front; lateral lobes extending beyond the middle lobe. Rostrum red, extending to the hind coxæ; tip black. Antennæ black, pubescent; joints successively increasing in length; first red, not extending beyond the head; fifth yellow, black at the base and towards the tip. Thorax with red slightly reflexed sides. Abdomen red above, bordered with red beneath. Legs red; tarsi black. Membrane of the fore wings black, cinereous bordered. Length of the body 5½ lines.

This species may be the type of a distinct genus.

a. Archidona. From Mr. Stevens' collection.

4. Ebora? patula.

Piceo-nigra, longi-ovata, depressa, dense punctata, ochraceo conspersa; caput ochraceo marginatum, lobis lateralibus lobum medium superantibus; rostrum testaceum, coxas posticas attingens; thorax lateribus rufis subexcavatis, fascia postica rufa nigro conspersa; scutellum callis duobus basalibus apiceque rufis; pectus et venter nigra, luteo marginata; pedes lutei, nigro fasciati; membrana picea minima.

Piceous-black, elongate-oval, flat, thickly punctured, ochraceous-speckled. Head with ochraceous and slightly reflexed borders, rounded in front; lateral lobes extending beyond the middle lobe. Ocelli not apparent. Rostrum testaceous, piceous towards the tip, extending to the hind coxæ. Thorax with a transverse smooth mark on each side in front, with red slightly excavated and reflexed sides, and with a red hind band, which is speckled with black. Scutellum with a red callus on each side at the base and with a red tip. Pectus and under side of the abdomen black, bordered with luteous. Legs luteous; femora, tibiæ and tarsi black towards the tips. Membrane of the fore wings piceous, very small, extending a little beyond the corium; veins black, strongly marked. Length of the body 5 lines.

This species hardly belongs to the above genus.

Queensland. In the National Museum at Melbourne.

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