

Descriptions of fifty New Species of the Genus *Stigmodera*. By EDWARD SAUNDERS, Esq. Communicated by W. W. Saunders, Esq., V.P.L.S.

(With two Plates.)

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THE present paper contains characters and figures of fifty undescribed species of the genus *Stigmodera* from Australia. There still, however, remain a large number of apparently new species requiring description and further study; for, since there is great modification to be observed, both in the form and colouring of many of the species, it is very desirable to obtain long series of those which are closely allied before giving their specific characters.

In the species I now bring forward, I have had this in view, and have described only those which I think will not prove to be varieties of each other, leaving the more doubtful ones till further evidence shall prove the specific value of their characters.

All the species described in this paper are in my own collection.

STIGMODERA MNIZECHII. (Plate IX. fig 1.)

Viridi-nigrescens, thorace nitidissimo; elytris rugulosis, fascia prope apicem sanguinea; subtus nitida.

Dark greenish black. Elytra with a transverse sanguineous band near the apex. Antennæ purple.

Head deeply punctured, with an impressed line between the eyes, covered with short whitish hairs. Thorax, once and two-thirds as broad as long; anterior margin produced, half as long as the base; sides slightly rounded; base with a shallow median lobe; surface shining and smooth, sides largely punctured near the lateral margins, disk with a faintly impressed dorsal line, median basal lobe terminated on each side by a short longitudinal slit. Elytra once and two-thirds as long as wide, sides slightly sinuate above the middle; apex of each elytron somewhat diagonally truncate, outer angle of truncature slightly dentate; disk striate and very largely punctured; as they approach the sides the punctures become confluent, so as to give a rugose appearance, especially on the shoulders. Beneath of thorax, breast, first abdominal segment and legs, punctured, and slightly hairy. The rest of the segments polished, with a slight impression on each of their sides.

Length 15 lines, breadth 7.

Hab. N. W. Australia.

STIGMODERA BONVOULOIRII. (Plate IX. fig. 2.)

Capite thoraceque cyaneis fortiter punctatis et rugulosis, elytris sanguineis duabus maculis cyaneis notatis, subtus cyanea.

Head and thorax black, with cyaneous reflections. Elytra dark red, with just the base, a transverse somewhat semilunar spot starting from the scutellum, its under margin being semicircular, and another larger transverse diamond-shaped spot, midway between it and the apex, cyaneous. Beneath legs and antennæ cyaneous black.

Head deeply punctured. Thorax once and three-quarters as broad as long; anterior margin produced in the centre and at its angles, a little more than half as long as the base; sides rounded, their margins elevated, base with a wide central lobe; disk largely punctured, the punctures larger and closer together on the sides, with a slight dorsal line; basal lobe terminated on each side by a deep small pit. Elytra twice as long as wide, punctured and deeply striate, the striæ becoming irregular on the sides, and the interstices rugose; sides slightly sinuate above the middle; apex largely truncate. Beneath and legs largely punctured, with a few scattered hairs.

Length 16 lines, breadth $5\frac{1}{2}$.

Hab. N. Australia.

STIGMODERA SANGUINEOCINCTA. (Plate IX. fig. 3.)

Capite thoraceque aureo-viridibus; elytris punctato-striatis, flavis, lateribus sanguineis; subtus viridis.

Head and thorax brassy-green. Elytra testaceous, with their lateral margins and apex sanguineous. Beneath and antennæ green.

Head punctured, widely channelled between the eyes, covered with short white hairs. Thorax nearly twice as broad as long; anterior margin slightly elevated, bisinuate, half as long as the base; sides rounded above the middle, thence subparallel to the base, which has a well-defined but shallow lobe; posterior angles acute; surface largely and deeply punctured; disk with a smooth slightly raised dorsal line, and two transverse irregular smooth spaces about one-third of the entire length of the thorax from the anterior margin; these neither touch the sides nor the dorsal line. Elytra nearly twice as long as wide, rather wider than the thorax, punctate striate, sides gradually converging to the apex, which is but slightly pointed. Beneath and legs finely punctured, covered with white hairs.

Length 12 lines, breadth $4\frac{1}{2}$.

Hab. N. Australia.

STIGMODERA AFFINIS. (Plate IX. fig. 4.)

Limbata, C. G. nec Donovan.

Capite thoraceque æreo-viridibus; thoracis marginibus sanguineis; elytris punctato-striatis, flavis, sutura late viridi, marginibus sanguineis; subtus viridis.

This species, so closely allied in general appearance to *Limbata* of Donovan, may be distinguished in the following manner:—

The colour of the head and thorax are bronzy-green, instead of brassy-green, as described and figured by him. The thorax is longer and much

narrower, the elytra more parallel as to their sides; the punctuation of the thorax is larger and deeper. Beneath, less hairy, the hairs shorter. The two apical segments spotted with red on the sides.

Length 12-14 lines, breadth $4\frac{1}{2}$ - $5\frac{1}{2}$.

Hab. New S. Wales.

STIGMODERA LOBICOLLIS. (Plate IX. fig. 5.)

Capite et thorace viridibus, hujus lateribus croceis; elytris ochraceis, striatis, apice utrinque fortiter bispinoso.

Head and thorax green, the latter with its lateral margins ochreous red.

Elytra ochreous red. Beneath, legs, and antennæ green.

Head punctured, covered with short hairs, shallowly furrowed between the eyes. Thorax once and one-third as broad as long at the base; anterior margin slightly elevated, produced at the angles and in the middle; half as long as the base; sides diverging rapidly till about their middle, then subparallel to the base, which is very largely and deeply lobed; surface deeply punctured. Elytra nearly twice as long as wide, simply striate, finely punctured, interval between the sixth and seventh striæ somewhat rugose, striæ between this and the margin punctate; sides swelling out behind the middle; apex of each bispinose. Beneath and legs deeply and closely punctured, covered with short white hairs; two apical segments each with an ochreous spot on each margin.

Length 14 lines, breadth 5.

Hab. Australia.

STIGMODERA JANSONII. (Plate IX. fig. 6.)

Capite et thorace aureo-viridibus, hujus lateribus flavis; elytris punctato-striatis, flavis, sutura prope apicem viridi, apice utrinque bispinoso.

Head and thorax brassy-green; lateral margins of latter testaceous, scutellum green. Elytra testaceous, with their base itself, apex, and the suture for about half their entire length, green. Beneath, legs, and antennæ brassy-green.

Head deeply punctured, covered with short hairs, depressed between the eyes, with a slightly impressed dorsal line. Thorax once and three-quarters as broad as long; anterior margin slightly produced, half as long as the base; sides diverging rapidly till about the middle, then subparallel to the base, giving them a somewhat angulose appearance; base with a wide median lobe; surface deeply punctured, with a slightly impressed dorsal line, whose region is also depressed as it approaches the base. Elytra regularly punctate-striate, twice as long as wide; sides slightly sinuate above the middle; apex of each bispinose. Beneath and legs deeply punctured, hairy.

Length 16 lines, breadth 5.

Hab. Australia.

STIGMODERA SIMILIS. (Plate IX. fig. 7.)

Capite et thorace viridibus, punctatis; elytris testaceis, apice et sutura viridibus; subtus viridis.

Head and thorax greenish blue. Elytra testaceous, with the apex of the same colour as the thorax, which colour extends along the suture for three-quarters of its length, and along the sides for about the same distance. Beneath and antennæ green; sides of abdomen flavous.

Head punctured, covered with white hairs, with a deeply cut dorsal line, Thorax once and two-thirds as broad as long; anterior margin slightly elevated, produced, half as long as base; sides rounded, the widest part of thorax being behind the middle; posterior angles produced and acute; base nearly straight; disk very finely punctured, with an impressed dorsal line, the punctures on the sides much larger and deeper. Elytra once and three-quarters as long as wide; sides slightly sinuate above the middle; apex rounded; disk very shallowly striate, the sides more deeply with the striæ punctate. Beneath and legs finely punctured, covered with scattered white hairs.

Length 16 lines, breadth $6\frac{1}{2}$.

Hab. Queensland.

STIGMODERA BIFASCIATA. (Plate IX. fig. 8.)

Capite thoraceque cupreis, hujus lateribus flavis, præsertim prope angulos posteriores; elytris flavis, duabus fasciis cyaneis ornatis; subtus flava, pedibus viridibus.

Head and thorax coppery, the latter with its lateral margins yellow, which colour spreads on the disk as they approach the base, leaving a small coppery spot just within its limits. Elytra flavous, with two narrow cyaneous bands placed rather close together, one just above the other below the middle, neither of them attaining the lateral margin. Beneath flavous; legs and antennæ green.

Head deeply punctured, with an impressed line between the eyes. Thorax once and three-quarters as long as broad; anterior margin slightly elevated and emarginate, half as long as the base; sides diverging in slightly curved lines till just behind the middle, then somewhat rapidly converging to the posterior angles, which are acute; base nearly straight; surface closely and deeply punctured, with an appearance of a faintly raised dorsal line. Elytra once and two-thirds as long as wide, punctate-striate; sides slightly sinuate above the middle; apex largely rounded. Beneath and legs finely punctured.

Length $8\frac{1}{2}$ lines, breadth 4.

Hab. Swan River.

STIGMODERA PASCOEI. (Plate IX. fig. 9.)

Capite thoraceque igneo-cupreis, punctatis, hujus lateribus prope angulos posteriores flavis; elytris flavis, postice cupreis; subtus flava, cupreo ornata.

Head and thorax coppery red, the latter with its lateral margins testaceous. Elytra testaceous, with just the base and the apex for not quite half their entire length of the same colour as the head and thorax. Beneath testaceous, with the centre of the thorax, breast, and the posterior margin of each abdominal segment, antennæ, and femora coppery-red. Tibiæ and tarsi green.

Head punctured with an impressed dorsal line. Thorax once and four-fifths as broad as long; anterior margin produced, a little more than half as long as the base; sides rounded; posterior angles produced and acute; base bisinuate; surface largely but shallowly punctured, with a smooth dorsal line. Elytra nearly twice as long as wide, striate, the interstices shallowly punctured; sides sinuate above the middle; apex of each somewhat obliquely truncate. Beneath and legs punctured, with a few scattered hairs.

Length 15 lines, breadth $6\frac{1}{2}$.

Hab. Australia.

STIGMODERA WESTWOODII. (Plate IX. fig. 10.)

Capite viridi, duabus maculis testaceis notato; thorace cyaneo, punctato, lateribus late rubris; elytris rubris, fascia lata post medium apiceque cyaneis; subtus ferruginea.

Head bluish-green, with two small red spots between the eyes. Thorax cyaneous, with the margins widely sanguineous. Elytra dark reddish-yellow, with a wide transverse cyaneous band behind the middle; the apex is also of the same colour. Beneath and legs fulvous, with the posterior margin of each abdominal segment, antennæ, and knees cyaneous; exterior face of tibiæ green.

Head deeply punctured, slightly hairy in front, with a faint dorsal line. Thorax once and three-quarters as broad as long; anterior margin slightly produced in the centre and at the angles; sides much rounded, base nearly straight; disk deeply punctured, with a slight smooth dorsal line; anterior margin with an impressed line running parallel to it. Elytra nearly twice as long as wide, punctate-striate, sides nearly straight, apex largely rounded. Beneath and legs punctured, with a few scattered hairs.

Length 17 lines, breadth 7.

Hab. N. Australia.

STIGMODERA THORACICA. (Plate IX. fig. 11.)

Rubra, capite, thoracis disco maculaque ad elytrorum apicem nigris; subtus cyanea, lateribus abdominis rubris.

Head black. Thorax and elytra sanguineous; the former with its centre, and the latter with a large square sutural spot at the apex, cyaneous black. Beneath, legs, and antennæ cyaneous; margins and apex of abdomen sanguineous.

Head punctured, hairy, with a longitudinal impression in front, which widens as it approaches the mouth. Thorax once and four-fifths as

broad as long; anterior margin very slightly produced, not quite half as long as the base; sides diverging rapidly to about the middle, then a little rounded and subparallel to the base, which is bisinuate; surface punctured, especially on the sides; dorsal line slightly impressed; lateral margins elevated and somewhat reflexed. Elytra twice as long as wide, punctate-striate, sides subparallel to about the middle; apex of each with a short sutural spine. Beneath and legs punctured, covered with rather long grey pubescence.

Length 16 lines, breadth $6\frac{1}{2}$.

Closely allied to *S. laticollis*, Thoms., from which it differs in the shape of the thorax, which is less convex, wider in front, the margins reflexed. Elytra more deeply striate, abdomen margined with red.

Hab. Australia.

STIGMODERA SANGUINIVENTRIS. (Plate IX. fig. 12.)

Capite et thorace æneis, punctatis, hujus lateribus rubris; elytris striatis, rubris, apicibus nigris; subtus pectore æneo, abdomine rubro.

Head and thorax bronzy, the latter with its lateral margins red. Elytra red, with just their base and apex bronzy. Beneath, sides of thorax, and the abdomen red; legs and breast and antennæ bronzy.

Head punctured, covered with very short hairs, with a slightly impressed dorsal line. Thorax twice as broad as long; anterior margin nearly straight, half as long as the base; sides diverging in straight lines till behind the middle, then slightly rounded and converging to the base, which is almost straight; surface deeply punctured, especially at the sides; disk with a smooth dorsal line. Elytra once and two-thirds as long as wide; sides sinuate just above the middle; apex truncate; disk finely punctured, striate, the striæ punctured on the sides. Beneath and legs punctured, hairy.

Length 12 lines, breadth $5\frac{1}{2}$.

Hab. Australia.

STIGMODERA SEXMACULATA. (Plate IX. fig. 13.)

Nigra; thorace macula utrinque elytrisque maculis quatuor rubris; subtus cyanea, lateribus abdominis rubro maculatis.

Black; thorax with a red spot on each margin, commencing at the anterior angle, but not quite touching the base, extending for about a quarter of the entire width of the thorax towards the disk. Elytra each with a large red spot above the middle, which is deeply sinuate on its upper margin and rounded on its inferior, and a smaller one of the same colour midway between the centre of the elytra and the apex; both of these touch the lateral margins, but not quite the suture. Beneath and antennæ cyanous blue; sides of thorax and abdomen spotted with red.

Head punctured, covered with short hairs. Thorax twice as broad as long; anterior margin slightly produced, ciliate, not quite half as long

as the base; sides rounded; base bisinuate. Elytra twice and one-half as long as wide, punctured, striate; apex of each obtusely bidentate. Beneath and legs punctured, with a few scattered hairs.

Length 17 lines, breadth 7.

Hab. Australia.

STIGMODERA LEVICOLLIS. (Plate IX. fig 14.)

Capite et thorace viridibus, hujus lateribus flavis; elytris flavis, striatis, fasciis tribus apiceque nigris; abdomine flavo, viridi cingulato.

Head and thorax green, the latter with its lateral margins testaceous.

Elytra yellow, with three transverse bands and the apex black, the first very wide and situated just below the base; all the bands are united on the sides, but not on the suture. Beneath flavous; legs, a triangular spot on the breast, and the posterior margin of each abdominal segment and antennæ green.

Head punctured, with a slight dorsal line, raised on the vertex, and a faintly impressed round fovea between the eyes. Thorax once and two-thirds as broad as long; anterior margin produced, half as wide as the base; sides rounded; base slightly lobed; surface smooth, punctured on the sides. Elytra once and three-fourths as long as wide, punctate-striate, the interstices also punctured; sides sinuate above the middle; apex rounded. Beneath and legs very finely punctured.

Length $15\frac{1}{2}$ lines, breadth 6.

Hab. Australia.

STIGMODERA PUNCTATO-STRIATA. (Plate IX. fig. 15.)

Capite et thorace viridibus; elytris fortiter punctato-striatis, latericeis, maculis tribus utrinque nigris; subtus pedesque virides.

Head and thorax green. Elytra croceous, each with three black spots, one small one, on the shoulders, a larger irregularly shaped one about the middle, and a transverse oval one between it and the apex, which is also margined with the same colour. Beneath, legs, and antennæ green; sides of abdomen spotted with yellow.

Head punctured, depressed between the eyes, and furrowed on the vertex.

Thorax once and three-quarters as wide as long; anterior margin nearly straight, a little more than half as long as the base; sides slightly rounded; posterior angles acute; base with a shallow lobe; disk slightly punctured, with a faint dorsal line, met at the base by a few punctures; punctures on the sides much deeper, especially near the posterior angles, which are slightly depressed; a deeply impressed line runs parallel to the anterior margin, so as to give it a raised appearance. Elytra twice as long as wide, very deeply and largely punctate-striate; sides sinuate above the middle; apex rounded. Beneath and legs deeply punctured, punctuation of the centre of abdomen much finer.

Length $10\frac{1}{2}$ lines, breadth 4.

Hab. Swan River.

STIGMODERA CURTA. (Plate IX. fig. 16.)

Capite et thorace æneis, hujus lateribus flavis; elytris punctato-striatis, flavis, sutura, fasciis duabus post medium et duabus vittis humeralibus cyaneis; subtus aureoviridis.

Head and thorax dull bronzy; sides of the latter narrowly bordered with yellow. Elytra yellow, with the suture, a band below the middle, which reaches the sides, and a short curved band midway between it and the apex cyaneous; from each shoulder is a vitta of the same colour extending for about a third of the entire length of the elytra. Beneath and antennæ green.

Head largely and deeply punctured, channelled between the eyes. Thorax once and three-quarters as wide as long; anterior margin nearly straight, half as long as the base; sides rounded; base slightly sinuate. Elytra once and two-thirds as long as wide, rather wider than the thorax at their shoulders, widest behind the middle, punctate-striate; sides sinuate below the shoulders; apex truncate, with an external tooth on each elytron. Beneath punctured, covered with short grey hairs.

Length 5 lines, breadth 2.

Hab. Australia.

STIGMODERA ABDOMINALIS. (Plate IX. fig. 17.)

Capite et thorace viridibus; elytris sutura, fascia infra medium maculaque prope apicem viridibus, inter basin fasciamque mediam macula oblonga ejusdem coloris; subtus viridis, abdomine testaceo.

Head and thorax bronzy-green. Elytra croceous yellow, with the suture, an angulated band below the middle, and a spot between it and the apex green; the colour of the suture widens out at the base so as to extend about two-thirds across each elytron; there is a vitta of the same colour above the median band between the suture and side, leaving an equal margin of the ground-colour all round it. Beneath, legs, and antennæ bronzy. Abdomen rufous.

Head punctured, deeply excavated between the eyes. Thorax widest just behind the middle, once and three-quarters as broad as long; anterior margin elevated, half as long as the base; sides diverging in almost straight lines till just past the middle, then slightly rounded to posterior angles; base faintly lobed; surface punctured, especially at the sides; dorsal line indicated by a small longitudinal slit at the base. Elytra not quite twice as long as wide, punctate-striate, the interstices also punctured; sides slightly sinuate above the middle; apex simply pointed. Beneath and legs punctured, covered with short fine decumbent white hairs.

Length 6 lines, breadth $2\frac{1}{2}$.

Hab. Australia.

STIGMODERA JEKELLII. (Plate IX. fig. 18.)

Capite et thorace æneis; elytris rubris, sutura, fascia post medium

maculaque inter illam apicemque cyaneis, macula humerali oblonga utrinque ejusdem coloris.

Head and thorax bronzy. Elytra dull red, with the suture, a narrow band below the middle touching the lateral margins, a short one between it and the apex, curved in the arc of a circle, and the apex itself green; there are also two short vittæ extending from the shoulders for about two-fifths of the entire length of the elytra, of the same colour. Beneath, legs and antennæ green; body rufous.

Head punctured, widely channelled between the eyes. Thorax widest about one-third of its length from the base; once and two-thirds as broad as long at the base; anterior margin nearly straight, half as long as the base; sides diverging in nearly straight lines for two-thirds of their length, then suddenly converging to the base, which has a very shallow lobe; surface punctured; punctures very deep on the sides; dorsal line fine and raised. Elytra punctate-striate, almost twice as long as broad, wider than the thorax at the base, the exterior angles of which are very prominent; sides sinuate above the middle; apex of each finely emarginate. Beneath and legs punctured, covered with short white hairs.

Length 9 lines, breadth 4.

Hab. Adelaide.

STIGMODERA SEMISUTURALIS. (Plate IX. fig. 19.)

Capite et thorace punctatis, æneis; elytris sanguineis, sutura ad basin viridi; subtus ænea, corpore rubro.

Head and thorax bronzy. Elytra sanguineous, with the suture for about half its length bronzy. Beneath, legs, and antennæ bronzy; abdomen rufous.

Head punctured, deeply channelled between the eyes. Thorax once and two-thirds as broad as long; anterior margin elevated and produced, half as long as the base; sides diverging in very slightly curved lines for three-quarters of their length, then converging to the posterior angles; base shallowly lobed; surface deeply punctured; disk with a fine smooth dorsal line: near the posterior angle on each side is a slightly impressed round fovea; this character, however, is so faint that it may not be worth much. Elytra twice as long as wide; punctate-striate; sides sinuate above the middle; apex of each finely emarginate. Beneath and legs punctured, covered with short white hairs.

Length 10 lines, breadth 4.

Hab. Australia.

STIGMODERA CYANIPES. (Plate IX. fig. 20.)

Capite et thorace nigris, hujus lateribus late ferrugineis; elytris nigris, fasciis duabus utrinque ferrugineis; subtus nigra, lateribus abdominis rubris, pedibus cyaneis.

Head and thorax bronzy black, the margins of the latter ferruginous,

the colour widening as it approaches the base; elytra black, with a cyaneous tinge, with a wide transverse band on each, starting from just behind the shoulder, but not reaching the suture, its lower margin being about two-thirds of the entire length of the elytra from the base; in the specimen before me the yellow runs up in front of the shoulder and nearly touches the base; but this character is liable to great variation; there is also an oval transverse spot of the same colour midway between it and the apex. Beneath black; sides of the first three abdominal segments, and the whole of the last two, testaceous; legs and antennæ cyaneous.

Head deeply punctured, furrowed between the eyes. Thorax once and two-thirds as long as the base; anterior margin nearly straight, half as long as the base; sides diverging rapidly for two-thirds of their length, then converging to the base, thus forming a strongly marked angle on each; base straight; surface punctured with a very faint smooth dorsal line. Elytra punctate-striate, once and two-thirds as long as wide; sides slightly sinuate above the middle; apex of each obliquely truncate. Beneath and legs punctured, with a few scattered hairs.

Length 8-9 lines, breadth $3-3\frac{1}{2}$.

Hab. Adelaide.

STIGMODERA MARGINICOLLIS. (Plate X. fig. 21.)

Capite et thorace cyaneo-nigris, hujus lateribus flavis; elytris nigris, duabus fasciis angustis utrinque flavis; subtus sanguinea, femoribus cyaneis.

Head brassy-green. Thorax and elytra cyaneous black, the former with its lateral margins, the latter with two bands on each, not reaching the suture, ochraceous, one of these being placed just above the middle, the other nearly midway between it and the apex. Beneath and femora fulvous; the tips of latter, the tibiæ, tarsi, and antennæ cyaneous green.

Head largely and deeply punctured, excavated between the eyes. Thorax not quite twice as broad as long at the base; anterior margin slightly emarginate, half as long as the base; sides diverging rapidly for two-thirds of their length, thence converging to posterior angles; base slightly sinuate; disk convex, punctured with a faint dorsal line, the punctuation of the sides rather deeper, which each bear a slight elongate fovea which runs parallel to the lateral margin just above the posterior angle. Elytra punctate-striate, a little more than once and a half as long as wide, base slightly narrower than the thorax, widening considerably at the shoulders, sinuate below them, and swelling out again behind the middle; apex of each bidentate. Beneath and legs punctured, covered with short white hairs.

Length 10 lines, breadth 4.

Hab. New S. Wales.

STIGMODERA GIBBICOLLIS. (Plate X. fig. 22.)

Capite thoraceque punctatis, nigris, hujus lateribus late ferrugineis; elytris cyaneis, fasciis duabus latis utrinque testaceis; subtus punctata, cyanea, pubescens.

Head and thorax black, the former with the mouth cyaneous, the latter with its lateral margins rufous. Elytra cyaneous, with a wide triangular ferruginous spot on each, just above the middle, touching the lateral margin, the apices of the triangles almost meeting on the suture; between this and the apex is a slightly curved band on each, not quite touching the suture. Beneath, legs, and antennæ cyaneous.

Head punctured, with a deep channel between the eyes. Thorax at the base once and two-thirds as broad as long; anterior margin slightly elevated and emarginate, half as long as the base; sides diverging in rather curved lines till within about a third of their length from the base, then rounded and converging to the posterior angles; base slightly sinuate; disk convex, punctured, with a smooth dorsal line. Elytra punctate-striate, twice as long as wide; sides sinuate below the shoulders; apex of each terminating in a sharp point. Beneath and legs punctured, covered with white hairs.

Length 5 lines, breadth 2.

Hab. Adelaide.

STIGMODERA CUPRICOLLIS. (Plate X. fig. 23.)

Capite et thorace cupreis, punctatis; elytris striatis, nigris, tribus fasciis utrinque flavis; subtus cuprea, punctata.

Head and thorax cupreous, disk of latter purplish. Elytra black, each with a short flavous band extending from the shoulder to about a quarter of the entire breadth of the elytron from the suture, and two others of the same colour, one placed just above the middle, the other, which is rather wider, between it and the apex; neither of these quite touch the suture. Beneath, legs, and antennæ coppery; tarsi aureous.

Head deeply punctured, channelled between the eyes. Thorax at the base once and three-quarters as wide as long; anterior margin elevated, nearly straight, half as long as the base; sides diverging in straight lines for two thirds of their length, then subparallel to the base, which is almost straight; surface punctured, the punctures on the sides, especially near the posterior angles, larger and deeper; disk with a faint smooth dorsal line terminating at its base in a deep puncture. Elytra punctate-striate, once and two-thirds as long as wide; sides swelling out slightly behind the middle, apex of each minutely bidentate. Beneath and legs punctured, covered with a short silky white pubescence.

Length 9 lines, breadth $3\frac{1}{2}$.

Hab. Australia.

STIGMODERA COSTATA. (Plate X. fig. 24.)

Capite et thorace æneis, punctatis; elytris striatis, flavis, interstitiis

elevatis, sutura fasciisque duabus post medium cyaneis, maculaque utrinque humerali oblonga ejusdem coloris.

Head and thorax bronzy. Elytra testaceous, with the suture, a band crossing it just below the middle, nearly touching the lateral margins, a short semilunar spot between it and the apex, and the apex itself cyaneous; above the band, between the suture and the lateral margin, on each, is an oblong spot of the same colour. Beneath and legs and antennæ bronzy.

Head punctured, channelled between the eyes. Thorax once and two-thirds as wide as long; anterior margin slightly elevated and rounded, a little more than half as long as the base; sides gradually rounded: base with a shallow triangular lobe; surface punctured, punctuation of the sides denser; disk with a slightly impressed dorsal line; near each posterior angle is a small round depression. Elytra punctate-striate, the third, fifth, and ninth interstices much raised and rounded; sides sinuate above the middle, apex of each bidentate, the outer tooth being produced almost into a short spine. Beneath and legs punctured, covered with a cinereous pubescence.

Length $6\frac{1}{2}$ lines, breadth $2\frac{1}{2}$.

Hab. New S. Wales.

STIGMODERA PICTIPENNIS. (Plate X. fig. 25.)

Capite thoraceque viridibus; elytris flavis, sutura, marginibus lateralibus fasciisque duabus cyaneis, maculaque humerali ejusdem coloris; subtus flava, viridi ornata.

Head and thorax green. Elytra testaceous, with the base, suture, and lateral margin from a third of its entire length from the base cæruleous; a vita of the same colour originates at the base, and joins the lateral margin where the latter becomes cæruleous, so as to leave the margin between the point of juncture and the base testaceous; there is a band of the same colour behind the middle, slightly bent downwards from the suture to the lateral margin, and a similar shorter one between it and the apex. Beneath testaceous; sides of breast, a triangular spot on the same, a semilunar one on the first abdominal segment, and the posterior margins of the rest green; there is also a small green spot on the first three, near the lateral margin; legs and antennæ green.

Head deeply punctured, furrowed between the eyes. Thorax once and two-thirds as wide as long; anterior margin produced in the centre, two-thirds as long as the base; sides much rounded just behind the anterior angles, then subparallel to the base, which is nearly straight; surface very closely punctured, with an irregular smooth dorsal line. Elytra twice as long as wide, deeply and rugosely punctate-striate; sides subparallel for two-thirds of their length, slightly reflexed; apex of each terminating in a sharp exterior tooth. Beneath and legs punctured, covered with scattered white hairs.

Length 6 lines, breadth $2\frac{1}{2}$.

Hab. Swan River.

STIGMODERA RECTIFASCIATA. (Plate X. fig. 26.)

Capite et thorace æneobrunneis, nitentibus; elytris flavis, punctato-striatis, tribus fasciis nigris; subtus ænea, albo pubescens.

Head and thorax bronzy-brown. Elytra flavous, with a narrow straight band below the base, a wider one behind the middle, and the apex for two-fifths of their entire length black; the colour of the postmedian band unites with that of the apex on the suture. Beneath bronzy, with purple reflections; legs and antennæ cyaneous.

Head punctured, channelled between the eyes. Thorax at the base once and a half as broad as long; anterior margin produced in the centre, half as long as base; sides rounded, base with a very shallow lobe; surface very shining, remotely punctured; dorsal line indicated by a deep puncture at the base and a longitudinal impression near the anterior margin; close to each posterior angle is a small transverse fovea. Elytra once and three-quarters as long as wide, punctate-striate, the third, fifth, seventh, and ninth interstices raised and rounded. Sides sinuate above the middle; apex of each with a sharp external spine.

Beneath and legs punctured, covered with an adpressed grey pubescence.

Length $6\frac{1}{2}$ lines, breadth $2\frac{1}{2}$.

Hab. Australia.

STIGMODERA OCTOMACULATA, *Reiche* (MS.). (Plate X. fig. 27.)

Capite et thorace æneis; elytris ferrugineis, octo maculis rotundis æneis ornatis; subtus ænea, punctata.

Head and thorax bronzy. Elytra ferruginous, with eight subrotund bronzy spots, two of which are on the suture, the other six are arranged three on each lateral margin, one being on the shoulder, the second placed rather diagonally about the middle, and the third midway between it and the apex. Beneath, legs, and antennæ bronzy.

Head punctured, widely channelled between the eyes. Thorax once and a half as broad as long at the base; anterior margin slightly elevated, nearly straight, a little more than half as long as the base; sides rounded above the middle, then nearly straight to the posterior angles, which are almost right angles; base straight; surface punctured, especially on the sides; disk with an impressed dorsal line. Elytra once and three-quarters as long as wide, punctate-striate; sides subparallel above the middle; apex of each with a small obsolete tooth. Beneath and legs punctured, covered with a short grey pubescence.

Length $5\frac{1}{2}$ lines, breadth 2.

Hab. Adelaide.

STIGMODERA ÆNEICORNIS. (Plate X. fig. 28.)

Capite thoraceque cyaneis; elytris punctato-striatis, ferrugineis, sutura

fasciaque brevi post medium maculaque apicali ejusdem coloris; subtus cyanea, antennis æneis.

Head and thorax cæruleous, the latter with the disk obscure. Elytra croceous, suture cyaneous, spreading into a small diamond-shaped spot just below the base, a much wider lunulate one below the middle, and a triangular one just above the apex. Beneath and legs cyaneous; antennæ brassy-green.

Head deeply punctured, furrowed between the eyes. Thorax once and a half as wide as long, anterior margin nearly straight and slightly elevated, sides rounded, base straight; surface punctured, especially on the sides. Elytra at the shoulders much wider than the thorax, largely punctate-striate; sides sinuate below the shoulders; apex of each with a small external tooth; beneath and legs punctured, with a few scattered white hairs.

Length 5 lines, breadth 2.

Hab. New S. Wales.

STIGMODERA CRUX. (Plate X. fig. 29.)

Capite thoraceque punctatis, æneis; elytris flavis, sutura fasciaque post medium cyaneis, maculaque humerali ejusdem coloris; subtus ænea.

Head and thorax bronzy. Elytra flavous, with the suture and a band crossing it behind the middle cæruleous, thus forming an inverted cross; the colour of the suture widens slightly below the base, and considerably (so as to form a small triangle) near the apex; between the suture and lateral margin, just below the shoulder, is an oval spot of the same colour. Beneath bronzy; legs and antennæ cyaneous.

Head punctured, deeply furrowed between the eyes. Thorax at its base once and two-thirds as broad as long; anterior margin slightly emarginate and raised, half as long as the base; sides rounded behind the middle; base bisinuate; surface punctured; disk convex, with a slightly impressed dorsal line. Elytra finely punctate-striate, nearly twice as long as wide; shoulders rather prominent; sides sinuate above the middle; apex of each subdentate. Beneath and legs punctured, covered with a rather long grey pubescence.

Length 5 lines, breadth 2.

Hab. Australia.

STIGMODERA DISTINCTA. (Plate X. fig. 30.)

Capite et thorace æneis; elytris flavis, punctato-striatis, fascia post medium apicibusque nigris; subtus ænea, pubescens.

Head and thorax bronzy. Elytra testaceous, with a narrow nearly straight band behind the middle, and their apex black. Beneath, legs, and antennæ cyaneous.

Head deeply punctured, impressed between the eyes. Thorax at its base twice as wide as long; anterior margin elevated and emarginate, half as long as the base; sides slightly rounded; base bisinuate

surface largely and somewhat remotely punctured; just above the scutellum is a larger round puncture. Scutellum large, cordiform. Elytra punctate-striate, once and two-thirds as long as wide; shoulders rather prominent; sides sinuate above the middle; apex of each widely truncate, with a short external spine. Beneath and legs punctured, covered with short white hairs.

Length 5 lines, breadth 2.

Hab. Australia.

STIGMODERA PILIVENTRIS. (Plate X. fig. 31.)

Capite thoraceque fortiter punctatis, æneis; elytris rubris, macula suturali post basin, fascia media maculaque apicali cyaneis; subtus cyanea, dense albo pubescens.

Head and thorax bronzy. Elytra red, with a triangular spot on the suture below the scutellum; a transverse post-median band, which is widest on the suture, and gradually narrowing to the lateral margins, and a somewhat square sutural spot reaching the apex, cyaneous. Beneath cyaneous, covered very densely with rather long white hairs; legs and antennæ cyaneous.

Head deeply punctured, channelled between the eyes. Thorax at its base once and three-quarters as wide as long; anterior margin slightly raised and emarginate; sides rounded; base bisinuate; surface deeply punctured, especially on the sides; disk very convex, with a slightly impressed dorsal line met at the base by a large puncture. Elytra once and two-thirds as long as wide, punctate-striate, the interstices slightly raised, and deeply punctured, especially on the sides; sides sinuate below the shoulders; apex of each finely emarginate, with a sharp external tooth. Beneath and legs punctured, densely pubescent.

Length $5\frac{1}{2}$ lines, breadth 2.

Hab. Queensland.

STIGMODERA CARMINEA, *H. Deyr.* (MS.). (Plate X. fig. 32.)

Capite thoraceque æneis; elytris sanguineis, tribus fasciis cyaneis; subtus cyanea, albo pubescens.

Head and thorax bronzy. Elytra deep red, with two wide transverse bands, one close to the base touching it at the scutellum, and the second near the middle, cyaneous; between this and the apex is a triangular sutural spot of the same colour. Beneath and legs and antennæ cyaneous.

Head punctured, deeply impressed between the eyes. Thorax once and three-quarters as broad as long; anterior margin emarginate, raised, half as long as the base; sides gradually rounded; base with a very shallow median lobe; surface deeply punctured, with a slightly raised dorsal line, met at the base by a large puncture. Elytra much wider than the thorax at the shoulders, once and three-quarters as long as wide, punctate-striate, the interstices also punctured; sides

sinuate below the shoulders; apex of each finely emarginate. Beneath punctured, covered with short white hairs.

Length 6 lines, breadth 3.

Hab. New S. Wales.

STIGMODERA OBSCURIPENNIS. (Plate X. fig. 33.)

Capite thoraceque viridibus, punctatis; elytris sordide rubris, tribus fasciis viridibus; subtus aureo-viridis.

Head and thorax green. Elytra brownish red, with three green transverse bands, one below the base produced on the suture, so as to touch the scutellum, the second behind the middle, the third between it and the apex, these latter two are united on the suture; the apical one does not reach the lateral margins, and is rounded on its lower side. Beneath and legs and antennæ golden green.

Head punctured, depressed between the eyes. Thorax once and three-quarters as wide as long; anterior margin slightly elevated, and produced in its centre, half as long as the base; sides rounded; posterior angles acute; base with a shallow median lobe; surface deeply and largely punctured; disk with a smooth slightly raised dorsal line. Elytra rugosely punctate-striate, twice as long as wide; sides sinuate below the shoulders; apex of each with a blunt tooth. Beneath and legs punctured, sparsely covered with long white hairs.

Length $6\frac{1}{2}$ lines, breadth $2\frac{1}{2}$.

Hab. Swan River.

STIGMODERA CUPRICAUDA. (Plate X. fig. 34.)

Capite thoraceque æneis; elytris flavis, punctato-striatis, fasciis duabus cupreo-brunneis, apice cupreo; subtus ænea, pubescens.

Head and thorax bronzy, with greenish reflections. Elytra testaceous, with two transverse bands coppery brown, the apex coppery; the upper of these becomes divaricated as it approaches the lateral margin, one branch extending on to the shoulder, the other touching the margin about a third of the length of the elytra from the base; the postmedian band is widest at the suture and slightly produced about the middle of its upper margin. Beneath and legs and antennæ bronzy.

Head deeply and largely punctured, impressed between the eyes. Thorax once and three-quarters as broad as long at the base; anterior margin elevated, nearly straight, not quite two-thirds as long as the base; sides rounded, posterior angles acute; base almost straight. Surface largely punctured, with a slightly impressed dorsal line. Elytra twice as long as wide, punctate-striate; sides sinuate below the shoulders; apex of each finely bidentate, external tooth longest. Beneath and legs punctured, densely covered with a long sericeous grey pubescence.

Length 6 lines, breadth 2.

Hab. New S. Wales.

STIGMODERA CYLINDRACEA. (Plate X. fig. 35.)

Capite thoraceque æneis, punctatis; elytris flavis, marginibus sanguineis, tribus fasciis nigris ornatis; subtus ænea.

Head and thorax coppery green, the latter rather darker on the disk.

Elytra testaceous, with its lateral margins sanguineous, traversed by three black bands, the two upper ones narrow, the apical one being of a triangular form; of these the postmedian one alone reaches the lateral margins. Beneath and legs and antennæ golden green.

Head punctured, channelled between the eyes. Thorax subglobose, once and two-thirds as broad as long; anterior margin nearly straight and elevated, half as long as the base; sides much rounded; base with a very shallow lobe; disk very convex, punctured, with a slightly impressed dorsal line, punctation of the sides deeper. Elytra twice as long as wide, punctate-striate; sides subparallel for two-thirds of their length; apex of each with a slight point. Beneath and legs punctured, with a few scattered white hairs.

Length $6\frac{1}{2}$ lines, breadth 2.

Hab. New S. Wales.

STIGMODERA WILSONI, *H. Deyr.* (MS.). (Plate X. fig. 36.)

Capite et thorace æneis, punctatis; elytris cupreo-brunneis, vitta longitudinali prope basin maculaque transversa ad apicem flavis; subtus ænea.

Head and thorax bronzy green. Elytra purple; each with a testaceous vitta, originating quite close to the base and extending not quite to their middle, it then turns at right angles to itself, touching the lateral margin; below this, midway between it and the apex, is a small crescent-shaped spot. Beneath of thorax and breast and antennæ cyaneous, abdomen olivaceous.

Head deeply punctured, channelled between the eyes. Thorax widest about the middle, at its base once and a half as broad as long; anterior margin elevated, nearly straight, two-thirds as long as the base; sides much rounded; base with a narrow median lobe; surface deeply punctured, disk with a slightly raised dorsal line, met at the base by a small round fovea. Elytra a little more than twice as long as wide, punctate-striate, the interstices slightly raised; sides subparallel for two-thirds of their length; apex of each emarginate and bidentate, the exterior tooth much the stronger. Beneath and legs punctured, covered with very short white hairs.

Length 5 lines, breadth $1\frac{1}{2}$.

Hab. Australia.

STIGMODERA INCONSPICUA. (Plate X. fig. 37.)

Capite thoraceque nigris, punctatis; elytris punctato-striatis, flavis, tribus fasciis nigris ornatis; subtus ænea, dense pubescens.

Head and thorax bronzy black. Elytra testaceous, with the suture, two transverse bands, and the apex black; the band near the base

widens and divides into two as it approaches the lateral margin. Beneath, legs, and antennæ bronzy.

Head closely punctured, shallowly furrowed between the eyes. Thorax once and two-thirds as broad as long at the base; anterior margin slightly emarginate and raised, two-thirds as long as the base; sides much rounded before the middle, then subparallel to the posterior angles; base with a shallow median lobe; surface closely punctured; disk with a faint dorsal line met at the base by a large puncture. Elytra once and three-quarters as long as wide; punctate-striate; sides sinuate above the middle; apex of each very finely emarginate. Beneath and legs punctured, covered with silky white hairs.

Length 6 lines, breadth $2\frac{1}{2}$.

Hab. Australia.

STIGMODERA THOMSONI. (Plate X. fig. 38.)

Capite thoraceque cyaneo-nigris, punctatis; elytris punctato-striatis, sanguineis, tribus fasciis viridibus; subtus viridis.

Head and thorax bronzy black. Elytra sanguineous, with a transverse band below the base, touching the scutellum in its middle, but not reaching the lateral margins, a wide postmedian band and the apex olivaceous green. Beneath, legs, and antennæ green.

Head punctured, with a deep excavation and incision between the eyes. Thorax twice as broad as long at the base; anterior margin nearly straight, and raised, half as long as the base; sides diverging in very slightly emarginate lines for two-thirds of their length, then subparallel to the posterior angles; base with a shallow median lobe; surface largely and deeply punctured, with a very faintly impressed dorsal line apparent chiefly at the base. Elytra twice as long as wide, striated; the interstices finely punctured; sides sinuate below the shoulders; apex of each finely truncate, with a small external tooth. Beneath and legs punctured, covered with long grey hairs.

Length 7 lines, breadth 3.

Hab. Australia.

STIGMODERA 4-FASCIATA. (Plate X. fig. 39.)

Capite thoraceque cupreis, hujus basi macula cyanea ornata; elytris punctato-striatis, flavis, quatuor fasciis transversis cyaneis; subtus cyanea.

Head and thorax cupreous, the former with the mouth cæruleous, the latter with a large cyaneous spot extending from the centre of the base and not quite touching the anterior margin. Elytra testaceous, with three transverse bands, and the apex cyaneous; the basal one contracts on the suture, and does not touch the lateral margin; the median band is wavy and touches it; the third is shorter and nearly straight. Beneath of thorax, breast, and legs and antennæ cyaneous; abdomen olivaceous.

Head punctured, with an impressed longitudinal line between the eyes.

Thorax once and two-thirds as broad as long; anterior margin nearly straight, somewhat elevated, half as long as the base; sides rounded; base almost straight; surface punctured, especially on the sides; disk with a very faint dorsal line, met at the base by a very small round fovea. Elytra twice and a quarter as long as wide, rugosely punctate-striate; the interstices also punctured; sides slightly sinuate above the middle; apex of each somewhat produced and bidentate; the outer tooth much the longer. Beneath and legs punctured; sides of thorax, breast, and abdomen covered with a white sericeous pubescence.

Length $5\frac{1}{2}$ lines, breadth $1\frac{1}{2}$.

Hab. Australia.

STIGMODERA VITTATA, *H. Deyr.* (MS.). (Plate X. fig. 40.)

Capite thoraceque æneo-viridibus; elytris punctato-striatis, nigris, marginibus lateralibus vittaque utrinque flavis; subtus brunnea, pubescens.

Head and thorax bronzy green. Elytra purplish black, with their lateral margins and a wide vitta on each extending almost from the base for five-sixths of the entire length of the elytra, and gradually becoming narrower as it approaches the apex, flavous. Beneath, legs, and antennæ cupreous brown. Head punctured, impressed between the eyes. Thorax at the base once a half as broad as long; anterior margin nearly straight and slightly elevated, two-thirds as long as the base; sides rounded; base straight.

Surface largely and deeply punctured; disk with an impressed dorsal line. Elytra twice and a quarter as long as wide; punctate-striate; sides subparallel for two-thirds of their length; apex of each with an external tooth. Beneath and legs punctured, covered with short white hairs.

Length 6 lines, breadth 2.

Hab. Adelaide.

STIGMODERA LUTEOCINCTA. (Plate X. fig. 41.)

Viridis, punctata; elytris punctatis, striatis, luteo cinctis, præsertim prope apicem; subtus aureo-viridis, abdomine ferrugineo.

Brassy green. Elytra entirely surrounded by a narrow testaceous belt, the colour spreading on the apex and extending across the elytra for about a third of their entire length from the apex; close to the apex is a small crescent-shaped spot of the same colour as the disk of the elytra. Beneath of thorax, breast, legs, and antennæ green; abdomen ferruginous.

Head largely punctured, channelled between the eyes. Thorax once and two-thirds as broad as long; anterior margin slightly produced and elevated, half as long as the base; sides diverging for two-thirds of their length, then slightly emarginate to the posterior angles; base almost straight; surface deeply punctured, with a smooth dorsal

line. Elytra not quite twice as broad as long, punctate-striate, the interstices very finely punctured; sides sinuate above the middle; apex of each very finely emarginate. Beneath and legs punctured, covered with a short sericeous pubescence.

Length 7 lines, breadth $2\frac{1}{2}$.

Hab. Australia.

STIGMODERA MIMUS. (Plate X. fig. 42.)

Capite cyaneo; thorace ferrugineo, macula nigra antice ornato; elytris olivaceis, fascia prope apicem testacea; subtus ferruginea, lateribus nigro maculatis; pedibus cyaneis.

Head greenish black. Thorax sanguineous, with a large black transverse spot extending along the anterior margin, but not quite touching it, and produced on its inferior margin in the centre so as to form a very much flattened T, black. Elytra olivaceous, with a band just above the apex, and the lateral margin from behind the shoulder to about its middle testaceous. Beneath croceous, with an oblong spot on each side of the breast, a crescent-shaped spot in its centre, two small lateral spots on each abdominal segment, and legs and antennæ cyaneous.

Head deeply punctured, longitudinally impressed between the eyes. Thorax once and three-quarters as wide as long; anterior margin slightly emarginate, half as long as the base; sides diverging in nearly straight lines to the middle, then rounded and converging to the posterior angles; base with a shallow median lobe; surface deeply punctured throughout, with a faint smooth dorsal line. Elytra a little more than once and three-quarters as long as wide, very densely punctured, the punctures becoming larger and denser on the sides; sides deeply sinuate above the middle; apices rounded. Beneath and legs punctured, sparsely covered with very short white hairs.

Length 7 lines, breadth 3.

Hab. Queensland.

STIGMODERA SUBBIFASCIATA. (Plate X. fig. 43.)

Purpurea, punctata; elytris punctato-striatis, duabus fasciis flavis utrinque; subtus punctata, purpurea.

Above purple. Elytra with two transverse flavous bands, one situated below the base, the other about a third of the entire length of the elytra from the apex; this latter is interrupted on the suture. Beneath, legs, and antennæ purple. Head punctured with an impressed line between the eyes. Thorax once and a half as broad as long. Anterior margin nearly straight, two-thirds as long as the base; sides rounded; base bisinuate; surface punctured; disk with an impressed dorsal line. Elytra twice as long as wide, punctate-striate, the third, fifth, seventh, and ninth interstices raised; sides slightly sinuate below the shoulders; apex of each very finely emarginate and bidentate.

Beneath and legs punctured, with scattered white hairs.

Length $5\frac{1}{2}$ lines, breadth $1\frac{1}{2}$.

Hab. Australia.

STIGMODERA AMPLIPENNIS. (Plate X. fig. 44.)

Capite thoraceque nigris, punctatis; elytris punctatis, striatis, ferrugineis, apice nigro; subtus cyanea.

Head and thorax black. Elytra croceous, with the suture and apex black.

Beneath, legs, and antennæ cyaneous black.

Head finely punctured, deeply channelled between the eyes. Thorax once and three-quarters as broad as long at the base; anterior margin raised, emarginate, half as long as the base; sides diverging in rather curved lines for about five-sixths of their length, then rounded to the posterior angles; base bisinuate; surface largely but sparsely punctured, with a smooth dorsal line met at the base by a large puncture. Elytra once and two-thirds as long as wide, deeply crenate-striate; the interstices raised, and largely punctured; sides much sinuate below the shoulders, then swelling out and converging to the apex, which is emarginate and somewhat bidentate. Beneath and legs punctured, covered with short grey hairs.

Length 7 lines, breadth 3.

Hab. Australia.

STIGMODERA MACULIPENNIS. (Plate X. fig. 45.)

Capite thoraceque nigris, nitentibus; elytris punctato-striatis, rubris, macula magna in disco posita apiceque nigris; subtus nitida, cyanea et punctata.

Head and thorax black. Elytra miniatous, with a large somewhat triangular black spot on their disk, the sides gradually rounded, and the apex of the same colour; the centre of the discal spot is situated as near as possible in the middle of the elytra. Beneath, legs, and antennæ dark cyaneous blue.

Head finely punctured, deeply channelled between the eyes. Thorax twice as broad as long; anterior margin slightly raised, half as long as the base, with a shallow median lobe; surface shining, finely and regularly punctured, near each posterior angle is a small round punctured fovea. Elytra once and three-quarters as long as wide; punctate-striate, the interstices much raised; sides sinuate below the shoulders, swelling out again behind the middle; apex of each truncate, with a short external tooth. Beneath and legs finely punctured, covered with a very short fine pubescence.

Length 7 lines, breadth $2\frac{1}{2}$.

Hab. New S. Wales.

STIGMODERA ELONGATA. (Plate X. fig. 46.)

Capite et thorace viridi-æneis, punctatis; elytris punctato-striatis, testaceis, sutura late cyanea; subtus cyanea, punctata.

Head cyaneous. Thorax bronzy-green, with cyaneous reflections. Elytra testaceous, with a wide cyaneous stripe down the suture. Beneath, legs, and antennæ cyaneous, with green reflections.

Head punctured, channelled between the eyes. Thorax not quite twice as wide as long at the base; anterior margin nearly straight and raised, half as long as the base; sides regularly rounded; base bisinuate, surface largely punctured, with an impressed dorsal line, and a slight impression on each lateral margin near the posterior angle. Elytra twice as long as wide, punctate-striate; sides subparallel till slightly past the middle, then converging to their apices, each of which is armed with a short, external, somewhat bent-inwards spine. Beneath and legs punctured very sparsely, covered with a few short hairs.

Length 9 lines, breadth 3.

Hab. Swan River.

STIGMODERA JUCUNDA. (Plate X. fig. 47.)

Capite et thorace viridi-aureis, punctatis; elytris flavis, punctato-striatis, apice cyaneo; subtus aureo-viridis.

Head and thorax golden. Elytra flavous, with the apex green. Beneath, legs, and antennæ brassy-green.

Head punctured, channelled between the eyes. Thorax once and three-quarters as wide as long; anterior margin raised and slightly produced, half as long as the base; sides regularly rounded; base with a shallow median lobe; surface deeply and largely punctured, with a smooth dorsal line met at the base by two short very small longitudinal impressions. Elytra not quite twice as long as wide, punctate-striate, sides deeply sinuate above the middle, apices largely rounded. Beneath and legs punctured, with a short white pubescence.

Length 8 lines, breadth 3 lines.

Hab. Australia.

STIGMODERA BIMACULATA. (Plate X. fig. 48.)

Capite thoraceque cupreis, punctatis; elytris testaceis, punctato-striatis, utrinque macula parva post medium posita apiceque nigris; subtus cuprea, abdomine flavo.

Head and thorax cupreous. Elytra testaceous, with a small round spot on each, just behind the middle, and the apex black. Beneath of thorax, breast, and legs and antennæ cupreous. Abdomen flavous.

Head punctured, excavated between the eyes; there is also an impression on each side between the excavation and the eye, joining the former near the top of the forehead. Thorax, at the base, once and a half as broad as long; anterior margin produced in the centre, half as long as the base; sides diverging in nearly straight lines for not quite two-thirds of their length, then converging in rather emarginate

lines to the posterior angles; base with a shallow median lobe; surface shining, deeply punctured, with two smooth irregular transverse spaces near the anterior margin, and two smaller longitudinal ones near the base; dorsal line widely impressed and deeply punctured; near the posterior angles on each side is a slight rugosely punctured fovea. Elytra twice as long as wide, punctate-striate, shoulders rather prominent, sides sinuate above the middle, apex of each with a sharp external spine and a small sutural tooth. Beneath and legs punctured, slightly pubescent.

Length 7 lines, breadth $2\frac{1}{2}$ lines.

Hab. North-west Australia.

STIGMODERA TRIMACULATA. (Plate X. fig. 49.)

Capite nigro; thorace flavo, macula nigra ad basin posita; elytris flavis, punctato-striatis, macula utrinque post medium apiceque nigris; subtus cyanea.

Head black. Thorax and elytra testaceous; the former with an oval black spot in the centre of the base; the latter with a transverse spot on each behind the middle and the apex of the same colour. Beneath and legs and antennæ cyaneous, the sides of the thorax excepted, which are testaceous.

Head deeply punctured, with a deep incision to about its middle between the eyes. Thorax once and two-thirds as broad as long at the base; anterior margin slightly raised, emarginate, scarcely half as long as the base; sides diverging rapidly for two-thirds of their length, then converging to the posterior angles; base with a narrow small median lobe; disk transversely raised; surface finely punctured, dorsal line marked by a deep longitudinal incision near the base. Elytra not quite twice as long as wide, punctured and striated; sides sinuate above the middle; apex of each armed with an external spine. Beneath and legs punctured, covered with very short white hairs.

Length 7 lines, breadth $2\frac{3}{4}$.

Hab. North-west Australia.

STIGMODERA PRODUCTA. (Plate X. fig. 50.)

Capite thoraceque æneo-viridibus, nitentibus, hujus disco linea dorsali fortiter impresso; elytris punctato-striatis, nigris, utrinque tribus maculis testaceis, horum marginibus externis sanguineis; subtus ænea, pedibus læte cyaneis.

Head and thorax bronzy. Elytra black, with greenish reflections, with an irregularly triangular spot above the shoulder, a somewhat oval one not quite touching it, situated about a third of the entire length of the elytra from their base, and a large lateral one produced near its upper extremity, across about three-quarters of the elytron, flavous; the exterior margins of this and the humeral spot are sanguineous. Beneath bronzy green, legs and antennæ ceruleous.

Head finely punctured, channelled between the eyes. Thorax at the

base once and two-thirds as broad as long; anterior margin elevated, nearly straight, half as long as the base; sides much rounded; base with a deep central lobe; surface minutely punctured, disk with a deeply impressed dorsal line, widest and deepest at the base; on each side near the posterior angle is a small elongate impression. Elytra twice as long as wide, punctate-striate, the interstices very closely and finely punctured; the third interstice much raised and rounded; shoulders rather prominent; sides sinuate below them, greatly produced and attenuated to the apex, which terminates in a short external spine. Beneath and legs punctured, with a short golden pubescence.

Length 6 lines, breadth 2.

Hab. West Australia.

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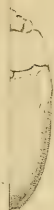
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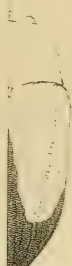
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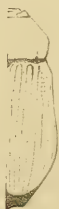
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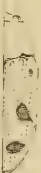
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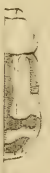
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