

## NEW SPECIES OF STAPHYLINIDAE (COL.) FROM JAPAN.

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(Concluded from p. 175.)

**Gyrophæna** (s.str.) **settsuensis** sp.n.

Yellowish-red, the head posteriorly and the sixth and seventh dorsal segments blackish; elytra yellow, the postero-external region blackish. Antennae with the first four joints yellow, the following blackish. Legs yellow. Length 1.75—2 mm. (abdomen normally extended).

Near *biseriata* Cam., but with the head differently coloured, the antennae with the penultimate joints as long as broad, head and thorax scarcely coriaceous. The thorax has a dorsal series of three to five punctures on each side, of which the pre-basal pair are much the larger, the elytra are almost impunctate, the few punctures which are present being much finer than in *biseriata*.

♂. Eighth dorsal segment with moderate straight spine on each side, the margin between with a pair of small sharp teeth, nearer each other than the lateral.

SETTSU: Mino Park, 27.ix.32.

*Gyrophæna bernhaueri* Jacobson. (*puncticollis* Bernh.).

If I am correct in the determination of the sex of this species the ♂ has the eighth abdominal segment with the side margin produced on each side as a straight slender spine, the posterior margin between with a pair of shorter and more slender spines, the central pair a little further separated from each other than from the lateral.

**Gyrophæna** (s.str.) **yotsumata** sp.n.

Shining; head black, thorax and abdomen reddish-brown, the fifth to seventh segments of the latter black; elytra brownish-yellow, obscurely infuscate at the postero-external angles. Antennae reddish-yellow. Legs yellow. Length 2 mm. (abdomen normally extended).

In build somewhat resembling *affinis* Sahlb., but with less transverse thorax. Head with several large punctures on each side, feebly coriaceous. Antennae with the fourth joint scarcely transverse, the fifth broader and a little longer than broad, sixth and seventh about as long as broad, the eighth to tenth slightly transverse. Thorax closely and irregularly punctured on the disc, with a pair of larger, more obvious punctures before the base, feebly coriaceous. Elytra about a third longer than the thorax, finely and rather closely punctured, finely reticulate. Abdomen with a row of fine punctures along the posterior margins of the segments.

♂. Seventh segment with a small tubercle at the middle of the posterior margin; eighth with four processes, the lateral slender, cultriform, slightly incurved, the median pair spiniform, much shorter and much more slender, much more narrowly separated from each other than from the lateral.

CHUZENJI.

**Gyrophæna** (s.str.) **yotsudeba** sp.n.

In colour and build scarcely differing from *yotsumata*, but a little larger (2—3 mm.), the antennae of similar colour and structure, the thorax with similar pair of larger pre-basal punctures, but more finely punctured, the elytra much more obsolete punctured.

♂. Seventh dorsal segment with a tubercle at the middle of the posterior margin; eighth with four small, sharp teeth (of which the central pair are much smaller than the lateral and a little nearer together), separated from each other small arcuate emarginations.

CHUZENJI.

**Gyrophæna** (s.str.) **mitsumata** sp.n.

Shining; head blackish; thorax and abdomen pale reddish-brown, the sixth segment of the latter blackish; elytra yellow. Antennae reddish-yellow, the fifth and following joints very slightly infuscate. Legs yellow. Length 2 mm. (abdomen normally extended).

Somewhat resembling *poweri* Crotch in build, but less robust, the thorax shorter and more transverse. Head with a few moderate punctures on each side, coriaceous. Antennae with the fourth to tenth joints distinctly transverse. Thorax strongly transverse, obsolete and irregularly punctured, coriaceous. Elytra about a third longer than the thorax, very finely, moderately closely punctured, more distinctly behind, finely reticulate. Abdomen with a row of fine punctures along the posterior margins of the segments, otherwise practically impunctate.

♂. Seventh dorsal segment with four short longitudinal keels near the posterior border; eighth with three equally long processes, the external slightly incurved, somewhat cultriform, the median straight and more slender.

CHUZENJI. Unique.

**Gyrophæna** (s.str.) **futamata** sp.n.

Colour of *mitsumata* Cam., but slightly larger (2.2 mm.) and more robust, the antennae clear reddish-yellow, the thorax with dorsal series of three punctures on each side of the middle, the basal pair the largest, externally with two or three others, the elytra as finely but less closely punctured.

♂. Eighth dorsal segment with a cultriform process on each side, the margin between feebly rounded.

CHUZENJI.

**Gyrophæna** (s.str.) **defecta** sp.n.

Head black, thorax and abdomen yellowish-red, the sixth segment of the latter infuscate; elytra yellow, blackish at the postero-external angles. Antennae reddish-yellow. Legs yellow. Length 2 mm. (abdomen normally extended).

A brightly coloured species with the thorax irregularly punctured on the disc and with two larger pre-basal punctures. In size, build and colour scarcely differing from *poweri* Crotch, but with the penultimate joints of the antennae less transverse, the head with more numerous punctures, the thorax more punctured on the disc, the elytra much less finely punctured. The ground sculpture on the head and thorax is feeble.

♂. Seventh dorsal segment with a tubercle at the middle of the posterior border; eighth on each side with small acute tooth, internally with a yet smaller, dentiform projection on each side, the space between the latter slightly produced and rounded, much wider than that between it and the outer tooth.

CHUZENJI. Unique.

**Leptusa** (s.str.) **japonica** sp.n.

Size, lustre and colour of *fumida* Er., but with the apex of the abdomen colourless, the antennae very similar, but the head and thorax much more coarsely

and closely punctured, the punctures more or less umbilicate; the thorax also is shorter and more transverse, the elytra much more coarsely and rugosely punctured, the abdomen less finely punctured on the anterior segments.

♂. Seventh dorsal segment with well developed median keel in the posterior half; eighth with less developed median keel behind, the apical margin truncate.

KAGOSHIMA: 25.iii.12. Unique.

**Leptusa (s.str.) ruficornis sp.n.**

Moderately shining, parallel, the head and fifth and sixth abdominal segments black, the others bright yellowish-red, the thorax dark ferruginous red, elytra pitchy brown. Antennae and legs reddish-yellow. Length 2 mm.

In build much resembling *angusta* Aubé, but smaller, narrower, more shining and differently coloured, the antennae similarly constructed, ground sculpture of the head and thorax much less distinct, the puncturation of the abdomen much coarser and closer. Head narrower than the thorax, feebly coriaceous, with very superficial, rather small, flat punctures rather closely placed. Antennae stout, the fourth joint a little longer than broad, the fifth to tenth transverse, gradually increasing in width, the penultimate more than twice as broad as long. Thorax about a half broader than long, convex, the sides rounded in front, a little retracted behind, the posterior angles obtuse, before the scutellum with a small impression, the puncturation rather close, superficial and fine, the ground sculpture as on the head. Elytra a little broader and about a third longer than the thorax, moderately finely, sub-asperately punctured, transversely rugulose, ground sculpture absent. Abdomen coarsely and closely punctured on the first four (visible) segments, especially at the bases, feebly coriaceous, the fifth more strongly coriaceous and with some fine scattered granules. The whole insect covered with a fine yellow pubescence.

KOBE: Mayasan, 11.x.21. Unique.

**Phymatura japonica sp.n.**

Moderately shining; head black, thorax reddish-brown, the anterior and posterior margins very narrowly yellowish; elytra yellow, the postero-external region broadly infuscate; abdomen yellowish-red, the fifth, sixth and anterior half of the seventh segments black. Antennae and legs reddish-yellow. Length 3.2 mm.

Head round, narrower than the thorax; eyes large, longer than the postocular region; very finely coriaceous, extremely finely, moderately closely punctured. Antennae stout, the second and third joints of equal length, fourth as long as broad, fifth to tenth transverse, gradually increasing in width, the penultimate about twice as broad as long. Thorax strongly transversed, the sides rounded, a little more retracted in front, the posterior angles obtusely rounded, the base sinuate on each side; distinctly coriaceous, finely, rather closely, asperately punctured, before the scutellum with a small transverse impression. Elytra a little broader and about half as long again as the thorax, a little more closely and distinctly more coarsely, asperately punctured. Abdomen finely and very closely punctured, more sparingly on the last three segments. The whole insect covered with a fine, rather long yellowish pubescence.

♂. Seventh dorsal segment with shining median keel on the posterior half, not reaching the posterior margin; eighth with similar keel on the basal half, the posterior margin broadly and feebly emarginate and furnished with nine or ten small teeth, the external one on each side the largest.

CHUZENJI. Unique.

**Atheta (Metaxya) unzensis sp.n.**

Rather shining black, the elytra brown. Antennae black. Legs yellow. Length 3.2 mm.

In size and build very similar to *distans* Shp., but less shining, with differently coloured elytra, longer antennae and more closely punctured throughout. Head subquadrate, narrower than the thorax, the eyes rather large, but shorter than the postocular region, finely and sparingly punctured, finely coriaceous. Antennae with the second and third joints of equal length, fourth and fifth slightly longer than broad, sixth and seventh about as long as broad, eighth to tenth slightly transverse. Thorax formed as in *distans*, along the middle with a very fine impressed line, finely, rather closely punctured. Elytra about half as long again as the thorax. Very finely, closely punctured. Abdomen finely, moderately closely punctured on the anterior segments, a little less closely behind.

KYUSHU: Mt. Unzen, alt. 2000 ft., 25.v.30. Two examples, apparently ♀.

**Atheta (Metaxya) lucidula sp.n.**

Shining black, the elytra yellow, infuscate at the scutellary region. Antennae black, the first joint yellowish-brown. Legs yellow. Length 3 mm.

Build of *melanocera* Thoms., but more shining, the head smaller, the elytra differently coloured, the antennae a little stouter, puncturation of the fore-parts less close, ground sculpture much less distinct, the eyes larger. Head suborbicular, narrower than the thorax, the eyes large, rather prominent, longer than the postocular region, vertex with an impression, finely, moderately closely punctured, finely coriaceous. Antennae with the fourth joint a little longer than broad, fifth to seventh about as long as broad, eighth to tenth slightly transverse. Thorax one-third broader than long, the sides nearly straight, a little retracted behind, finely, rather closely punctured on the disc, more sparingly towards the sides, the ground sculpture as on the head. Elytra a third longer than the thorax, very finely, closely punctured. Abdomen finely and rather closely punctured on the first three segments, much more sparingly on the following.

♂. Eighth dorsal segment truncate; sixth ventral segment broadly rounded and a little produced, as in *melanocera*.

♀. Eighth dorsal segment truncate.

This species would appear to be at once distinguished from Bernhauer's species *yokkaichiana*, *sparsa* and *pseudolongatula* by the much less produced and broadly rounded sixth ventral segment in the ♂.

KAGOSHIMA (Type). KOBE: Harada.

**Atheta (Metaxya?) vacillator sp.n.**

Greasy lustrous, black. Antennae black, the first joint pitchy. Legs reddish-yellow. Length 2.75 mm.

In build resembling *angusticollis* Thoms., but larger, less shining and with differently constructed antennae. Head subquadrate, the eyes shorter than the postocular region, the vertex feebly impressed, very finely, moderately closely punctured, finely coriaceous. Antennae with the second and third joints of equal length, fourth distinctly longer than broad, fifth about as long as broad, sixth to tenth moderately transverse, scarcely increasing in width. Thorax about a third broader than long, the sides rounded in front, straighter and more retracted behind, the posterior angles obtuse, along the middle of the posterior half rather

broadly impressed, very finely, rather closely punctured, the ground sculpture as on the head. Elytra distinctly broader and a fourth longer than the thorax, extremely finely, very closely punctured, coriaceous. Abdomen very finely, closely punctured on the first three segments, much more sparingly behind. The whole insect covered with a fine greyish pubescence.

SETTSU: Katsuoji. Two examples of unknown sex.

**Atheta (Microdota) kobensis** sp. n.

Shining; head black, thorax and abdomen red, the latter with the fifth to seventh segments black; elytra pitchy brown to pitchy black, the shoulders obscurely rufescent. Antennae with the first three joints reddish-yellow, the following infusate. Legs yellow. Length 1.8—2 mm.

Near *aegra* Heer, but with the thorax and abdomen more brightly coloured, the head smaller, the eyes comparatively larger, the antennae distinctly shorter, the fourth joint transverse, thorax less obsoletely punctured, a little shorter. Head transverse, subquadrate, narrower than the thorax, the vertex foveate, finely coriaceous, extremely finely and sparingly punctured, eyes rather large, but shorter than the postocular region; penultimate joints of the antennae twice as broad as long. Thorax transverse, obsoletely impressed before the scutellum, finely coriaceous, extremely finely, moderately closely punctured. Elytra one-third longer than the thorax, very finely coriaceous, extremely finely, a little more closely punctured than the thorax. Abdomen very finely and sparingly punctured.

♂. Eighth dorsal segment truncate; sixth ventral segment a little produced and broadly rounded.

KOBE: Mayasan. SETTSU: Mino Park.

**Atheta (Microdota) bichuensis** sp. n.

Greasy lustrous; head black, thorax and elytra smoky brown, the latter more or less lighter towards the base; abdomen reddish, the fifth, sixth and anterior half of the seventh segments black. Antennae black, the first three joints and the legs yellow. Length 1.5—1.8 mm.

Near *kobensis* Cam., but less brightly coloured, less shining, a little more robust, the head larger without fovea, transversely orbicular, the eyes larger, longer than the postocular region, ground sculpture more distinct, the puncturation extremely fine, but closer, the antennae differently coloured and thicker, the penultimate joints three times as broad as long, thorax and elytra extremely finely but much more closely punctured than in *kobensis*, the latter about a third longer than the thorax, the abdomen equally finely but a little more closely punctured on the anterior segments than in *kobensis*.

♂. Eighth dorsal segment with a broad median plate and a slender spine on each side, separated from it by an excision, the margin of the plate furnished with four small teeth, the central pair smaller than the external, the lateral spine scarcely extends beyond the level of the median plate. This species would apparently be nearly allied to *spiniventris* Bernh., but to differ from it in the brighter colour, longer elytra, less closely punctured abdomen, etc.

BICHU: Konko, 2.x.32.

**Atheta (Microdota) oishiensis** sp. n.

Moderately shining; head dark reddish-brown, thorax and abdomen yellowish-red, the sixth segment of the latter black; elytra reddish-yellow. Antennae blackish, the first three joints and the legs reddish-yellow. Length 1.5 mm.

In colour very similar to *palleola* Er., in build more like *amicula* Steph., but with stouter antennae. Head large, only a little narrower than the thorax, the eyes very large, longer than the post-ocular region, extremely finely and rather sparingly punctured, very finely coriaceous. Antennae stout, the fourth to tenth joints transverse, gradually increasing in width, the penultimate more than twice as broad as long. Thorax about a half broader than long, the sides gently rounded, extremely finely, moderately closely punctured, the ground sculpture scarcely visible. Elytra a little broader and a fourth longer than the thorax, extremely finely but a little more closely punctured. Abdomen very finely, not very closely punctured on the first three segments, yet more sparingly posteriorly. The whole insect covered with a fine yellowish pubescence.

♂. Eighth dorsal segment with a median plate furnished with four teeth, of which the centre pair are the smaller and project less than the lateral, externally on each side with a slender spine curved inwards, scarcely extending beyond the level of the median plate and separated from it by an arcuate emargination; sixth ventral segment a little produced and rounded.

KOBE: Oishi, 3.viii.12.

**Atheta (s.str.) settsuensis** sp. n.

Moderately shining, bright yellowish-red, the head and sixth (and sometimes fifth) abdominal segments black, the elytra slightly infusate postero-externally. Antennae reddish, the first three joints and the legs yellow. Length 2 mm.

Size and build of *liturata* Steph., but differently coloured, the middle and following joints of the antennae not quite so transverse, the ground sculpture much less distinct, the puncturation throughout much less close. Head broad, narrower than the thorax, the eyes large, rather prominent, their length greater than that of the postocular region, very finely coriaceous, very finely, sparingly punctured. Antennae rather short, the second and third joints of equal length, the fourth to tenth transverse, gradually increasing in width, the penultimate about two and a half times broader than long. Thorax strongly transverse, the sides rounded in front, straighter and retracted behind, the posterior angles rounded, before the scutellum with a small impression and occasionally with a fine impressed median line posteriorly, very finely, not very closely punctured. Elytra a little broader and a third longer than the thorax, as finely but a little more closely punctured. Abdomen finely and very sparingly punctured, especially on the sixth and seventh segments. Middle and posterior tibiae each with two distinct setae, one below the knee and a stronger one, about the middle.

♂. Seventh dorsal segment with a small tubercle in the middle at the posterior margin; eighth with four short processes, the external ones somewhat cultriform, the median pair rounded at apex and separated from each other by an obtuse, from the lateral by a small arcuate emargination; sixth ventral segment a little produced and rounded.

SETTSU: Katsuoji, 31.vii.22. In fungus.

**Atheta (Liogluta) luchuensis** sp. n.

Shining; head and abdomen black, thorax dark reddish-brown, elytra yellow. Antennae black, the first two joints reddish-yellow. Legs yellow. Length 3 mm.

In the narrow thorax and short elytra resembling *sexnotata* Thoms., in lustre and colour more like *alpestris* Heer. Head with large eyes, their length greater than the postocular region, which is bordered below, very finely, not very closely punctured, the ground sculpture very indistinct. Antennae rather stout, the

fourth and fifth joints about as long as broad, the sixth to tenth slightly transverse, the eleventh as long as the two preceding together. Thorax only slightly transverse, the sides very slightly rounded, more retracted behind, the posterior angles rounded, very finely and rather closely punctured on the disc, more sparingly towards the sides, ground sculpture scarcely visible. Elytra short, as long as the thorax, strongly transverse, very finely, moderately closely punctured and without ground sculpture. Abdomen very finely, moderately closely punctured, the posterior half of the seventh segment impunctate. The whole insect with fine, moderately close greyish pubescence.

♂. Seventh dorsal segment with a small tubercle in the middle a short distance in front of the posterior border; eighth broadly arcuately emarginate, in the middle of the emargination with a small tooth; sixth ventral segment a little produced and rounded.

LUCHU ISLAND: Okinawa, 30.iv.12. Unique.

**Atheta (Dimetrota) sulputrida** sp.n.

Moderately shining; head, thorax and abdomen dark reddish-brown, the former almost black, the elytra bright reddish-yellow. Antennae reddish. Legs yellow. Length 2.4 mm.

Very similar in colour to *livida* Rey, in build and antennal structure resembling *putrida* Kr., but with the thorax a little shorter and so more transverse. Head narrowly impressed on the vertex, eyes larger than in *putrida*, more finely coriaceous, very finely, rather sparingly punctured. Antennae scarcely differing from *putrida*, the second and third joints of equal length, fourth and fifth a little longer than broad, the penultimate joints about as long as broad. Thorax very finely, asperately punctured, less closely than in *putrida*, more finely coriaceous. Elytra a third longer than the thorax, finely, asperately, punctured, not so closely as in *putrida*. Abdomen more shining than in *putrida*, the puncturation on the anterior segments less close. Middle and posterior tibiae each with distinct seta about the middle.

♂. Eighth dorsal segment broadly truncate, on each side with a small tooth. KAGOSHIMA, 1.iii.12. Unique.

**Atheta (Datomicra) lewisiana** sp.n.

Very similar to *germana* Shp., and only differing in the more finely and a little less closely punctured fore-parts and the less closely punctured abdomen, especially on the posterior segments, and the stouter but similarly constructed antennae. Length 1.5—2 mm.

In the ♂ the eighth dorsal segment is formed as in *zosteriae* Thoms.; the sixth ventral segment is not produced.

In the ♀ the eighth dorsal segment is scarcely perceptibly emarginate.

SETTSU: Minoo Park, 27.ix.32. Type.) Katsuoji.

KYUSHU: Mt. Unzen, 14.v.30. KOBE: Harada.

From *Kanagawana* Bernh. it is distinguished by the larger size, more robust build, much stouter antennae, less shining surface, broader thorax, coarser puncturation, etc.

**Atheta (Chaetida) subantennata** sp.n.

Shining, black, the elytra brownish-yellow. Antennae black, the first joint and the legs yellow. Length 3 mm.

Colour of *longicornis* Gr., but of narrower build, with much thinner but similarly constructed antennae, the penultimate joints distinctly longer than broad, the head narrower, less coriaceous, thorax less transverse, less finely punctured, elytra more finely punctured, without ground sculpture, the lateral setae shorter, abdomen scarcely differing from *longicornis* in puncturation and pubescence, but with shorter lateral setae; the setae of the middle and posterior tibiae shorter.

KYUSHU: Mt. Unzen, alt. 2000 ft. In horse-dung.

**Atheta (Coprothassa) pseudotenera** sp.n.

Colour of *melanaria* Mannh., but less shining, the head smaller, suborbicular, thorax narrower, the sides equally retracted in front and behind; antennae similarly constructed, but not quite so stout; puncturation of the fore-parts finer and much denser, that of the abdomen less close; setae of the middle and posterior tibiae weaker; in other respects similar to *melanaria*.

KOBE: Harada, 19.xii.32. Unique.

**Atheta (Acrotona) neglecta** sp.n.

Rather shining, black, the elytra reddish-brown. Antennae black, the first joint pitchy. Legs reddish-yellow. Length 2.2 mm.

Size and build of *parens* Rey, the antennae similarly constructed, but the thorax with distinct median groove, the puncturation of the fore-parts a little closer, less fine and rougher, the abdomen more closely punctured, less sparingly behind than in *parens*; the pubescence throughout is long and coarse as in *parens*. The middle tibiae are furnished with a strong black seta near the middle of the outer margin.

KAGOSHIMA, 26.ii.12. Unique.

**Atheta (Acrotona) pseudoparens** sp.n.

Moderately shining; head black, thorax brown, elytra brownish-yellow, abdomen pitchy black, obscurely lighter at the base and apex. Antennae black, the first two joints yellow. Length 2 mm.

Near *parens* Rey, the antennae similarly constructed, the thorax as finely but more closely punctured, the elytra shorter, only as long as the thorax, but scarcely differing from *parens* in the sculpture, the abdomen very finely, more closely punctured than in that species; the pubescence is long and rather coarse. From *neglecta* Cam. it differs in the colour, absence of a median thoracic groove, less coarsely and roughly punctured fore-parts, and the abdomen less closely punctured behind. The middle tibiae are furnished with a distinct black seta near the middle.

KYUSHU: Mt. Unzen. KOBE. SETTSU: Katsuoji.

**Atheta (Acrotona) taedia** sp.n.

Moderately shining, black, the elytra and last abdominal segment brown. Antennae black, the first joint pitchy. Legs yellow. Length 3 mm.

Near *parens* Rey, but differing in the larger size, colour, stouter but very similarly constructed antennae, more transverse thorax, the sides more evenly rounded and scarcely more retracted in front than behind and more closely punctured, abdomen more closely punctured and pubescent, the puncturation posteriorly less sparing than in *parens*. From *pseudoparens* Cam. it also differs in the larger

size, darker colour, differently shaped thorax, stouter antennae, less shining appearance and closer puncturation throughout. From *neglecta* it is distinguished by its larger size, less shining surface, obscurely coloured elytra, absence of median thoracic groove, stouter antennae, more finely punctured fore-parts. The abdominal puncturation and pubescence scarcely differs from that of *neglecta*. The middle tibiae are furnished with a distinct black seta at the middle.

KOBE: Harada (Type). KYUSHU: Mt. Unzen.

***Atheta (Acrotona) pseudorphana* sp.n.**

Head black, thorax dark reddish-brown, elytra yellowish-brown. Abdomen black with reddish apex. Antennae reddish, the first two joints and the legs yellow. Length 2 mm.

In size, build, colour and lustre similar to *orphana* Er., the antennae similarly constructed, with thickened first joint, but the fourth joint transverse and the puncturation of the fore-parts distinctly finer, whilst that of the abdomen is much more sparing.

KOBE: Harada, 25.vi.12. Unique.

***Atheta (Acrotona) grata* sp.n.**

Moderately shining; head black, thorax and elytra reddish-yellow, abdomen with the third, fourth, posterior half of the seventh and whole of the eighth segments reddish, the fifth and sixth black, their posterior margins narrowly reddish. Antennae black, the first two joints and the legs yellow. Length 3 mm.

Near *laticollis* Steph., more brightly coloured, the thorax of similar shape but less transverse, scarcely as broad as the elytra, the antennae with the fourth joint transverse, the fifth fully as long as broad, broader than the fourth, the penultimate joints more transverse than in *laticollis*; puncturation of the fore-parts finer than in *laticollis*, that of the abdomen, however, scarcely differing. The thorax has a shallow longitudinal groove in the middle behind and a short, stiff, more or less erect pubescence giving it a rough appearance. The elytra are a little longer than the thorax, scarcely sinuate behind. Middle tibiae with a weak black seta.

♂. Eighth dorsal segment as in *laticollis*, but with the two median teeth less developed.

KYUSHU: Mt. Unzen, alt. 2000 ft.

***Thamiaroea japonica* sp. n.**

Fore-parts moderately, abdomen strongly shining. Head and thorax cinnamon-brown, elytra yellow, obscurely infuscate at the scutellum and towards the sides; abdomen with the first two (visible) segments brownish-yellow, the following black with distinct bluish reflex. Antennae reddish, the first three joints and the legs yellow. Length 3.5 mm.

Much smaller than *diffinis* Shp., the antennae shorter, thorax a little more finely and a little more closely punctured and with a fine median impressed line, elytra a little less finely, more roughly punctured, abdomen more punctured at the base. Head finely, not very closely punctured, very finely coriaceous, in the middle towards the front with a large pore carrying an erect process furnished at its apex with two or three short setae. Antennae with the third joint a little longer than the second, the fourth about as long as broad, the fifth to tenth slightly increasing in width and moderately transverse, the eleventh longer than the two preceding together. Thorax strongly transverse, the sides evenly rounded

and with two or three setae, the posterior angles obtusely rounded, along the middle with a fine impressed line, finely, rather closely punctured, the ground sculpture scarcely visible. Elytra a little broader and a little longer than the thorax, a little less finely, more closely and roughly punctured, at the shoulders with a black seta. Abdomen narrowed before the apex, extremely finely and moderately closely punctured on the first two visible segments, almost impunctate elsewhere. Middle tibiae with two distinct setae, the posterior with two or three shorter ones.

KOBE: Harada, 5.vi.12. — 30.x.16. Two specimens without secondary sexual characters on the abdomen, but doubtless males by reason of the frontal pore.

***Mimatheta niponensis* sp.n.**

Shining, head and thorax black, elytra yellow, scarcely infuscate behind, abdomen red, the fifth, sixth and anterior half of the seventh segments black. Antennae black, the first two joints and the legs yellow. Length 3 mm. (abdomen fully extended).

In size and build very similar to *Atheta nigrivula* Gr., but differently coloured, the antennae shorter and stouter, less finely punctured fore-parts, etc. Head narrower than the thorax, the eyes large, their length a little greater than the postocular region, very finely, sparingly, asperately punctured, distinctly coriaceous. Antennae with the second and third joints of equal length, the fourth to tenth transverse, the penultimate fully twice as broad as long. Thorax nearly twice as broad as long, the sides very slightly rounded in front, straighter and more retracted behind, the posterior angles distinct, obtuse, in the middle behind with feeble impressed line, the puncturation asperate, moderately close, less fine than on the head, distinctly coriaceous, the sides with two or three setae. Elytra more than a third longer and a little broader than the thorax, a little sinuate postero-externally, the puncturation similar but closer. Abdomen a little narrowed before the apex, the anterior segments finely and sparingly, the posterior yet more sparingly punctured. The whole insect sparingly yellow pubescent. The middle tibiae with a feeble seta about the middle.

♂. Eighth dorsal segment with rounded posterior margin furnished with four rounded crenulations, the lateral margin raised on each side at the apex and a little produced, forming a somewhat auriform process.

SETSU: Minoo Park, 27.ix.32. Unique.

***Tinotus japonicus* sp.n.**

In size, colour and build scarcely differing from *morion* Gr., but more shining, the head and thorax scarcely perceptibly coriaceous, their puncturation scarcely different, the puncturation of the elytra is a little less close and the abdomen is much less distinctly punctured, the penultimate joints of the antennae rather less transverse. In some examples (perhaps immature) the thorax is pitchy and the anterior segments of the abdomen reddish.

♂. Sixth ventral segment narrowed, produced and rounded at apex.

KOBE.

***Chilopora japonica* sp.n.**

Greasy lustrous, pitchy black, the base of the elytra narrowly and obscurely reddish. Antennae black, the first three joints and the legs yellow. Length 3.3 mm.

Smaller and narrower than *longitarsis* Er., differently coloured, the fore-parts less finely punctured, the antennae similarly constructed but a little shorter. Head suborbicular, a little narrower than the thorax, the eyes shorter than the postocular region, finely coriaceous, very finely, moderately closely punctured. Antennae with the first three joints of equal length, fourth slightly longer than broad, fifth to tenth about as long as broad, the eleventh oblong, about as long as the two preceding together. Thorax scarcely longer than broad, the sides rounded in front, retracted and straighter behind, before the scutellum feebly impressed, the sculpture very fine, close and asperate. Elytra much broader and a fourth longer than the thorax, very finely, closely and roughly punctured. Abdomen parallel, extremely finely and densely punctured and pubescent throughout, sericeous.

KAGOSHIMA, 19-22.iii.12. Two examples.

**Amarochara (s.str.) japonica** sp.n.

Rather shining, black, the elytra brown, base of the abdomen pitchy. Antennae black. Legs yellow. Length 3 mm.

Large and more robust than *umbrosa* Er., with larger head, much thicker antennae, longer sulcate thorax, less punctured abdomen and more strongly punctured elytra. Head subquadrate, a little narrower than the thorax, very finely, sparingly punctured, distinctly coriaceous. Antennae with the third joint shorter than the second, triangular, the fourth to tenth joints strongly transverse, gradually increasing in width. Thorax only slightly transverse, the sides a little rounded in front, straight and a little retracted behind, the posterior angles obtusely rounded, along the middle of the posterior half narrowly grooved, the puncturation as fine but less sparing than on the head, the ground sculpture similar. Elytra as long as but a little broader than the thorax, finely, rather closely, asperately punctured, finely coriaceous. Abdomen parallel, extremely finely, rather sparingly punctured on the first three segments, almost impunctate elsewhere. Pubescence throughout rather coarse, moderately close on the elytra, more scanty elsewhere.

KOBE: Mayasan, 26.ix.23. Unique.

**Oxypoda (s.str.) luridipennis** Shp. Var. **lewisi** n.

This form only differs from the type in the colour of the antennae: in the type these are reddish-yellow, whilst in the variety only the first joint is yellow, the second and third brownish-yellow and the following black.

KOBE: Mayasan, 12.iv.30. RAKOSAN: Ice Road.

**Oxypoda (Demosoma) kobensis** sp.n.

Moderately shining; head and abdomen black, the posterior margins of the segments very narrowly reddish, thorax and elytra bright yellowish-red, the latter a little infuscate about the scutellum. Antennae black, the first three joints and the legs yellow. Length 3 mm.

Colour, lustre and build of *bicolor* Rey, but larger and more robust, the puncturation of the thorax, elytra and abdomen much denser. Head very finely, rather closely punctured, finely coriaceous. Antennae with the third joint shorter than the second, the fourth a little longer than broad, fifth to tenth transverse, the penultimate ones strongly, the eleventh as long as the two preceding together. Thorax about half as broad again as long, very finely and closely punctured and without ground sculpture. Elytra a little longer and a little broader than the thorax, very finely, roughly punctured, yet more closely than the thorax. Abdo-

men very slightly narrowed towards the apex, very finely and very densely punctured and pubescent throughout, somewhat sericeous, the sides of the hinder segments with some outstanding setae.

KOBE: Ice Road, 4.x.30. A single specimen.

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London, E.11.

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REMARKS ON SOME OF MOTSCHOUJSKY'S TYPES OF STAPHYLINIDAE (COL.).

BY MALCOLM CAMERON, M.B., R.N., F.R.E.S.

By the courtesy of M. Boris Kuzin, of the Zoological Museum of the University of Moscow, I have been able to examine the following types of Motschoulsky's Staphylinidae. The specimens are for the most part in fair condition, but a few have been attacked at some period by fungus.

*Camacopalpus*. The three species described belong to the polymorphic genus *Zyras*, *flavicornis* and *bituberculatus* being near *semiflava* Bernh. and *fulvus* near *rufithorax* Cam.

*Pronomaea bramina*.

*Pronomaea subrufa* = *Plagiusa ceylonica* Kr.

*Hygroptera castanea* is a *Zyras* of the *hastatus* group.

*Hygroptera termitis* is an *Orphnebius* s.g. *Mesocephalobius* near *bakeri* Bernh.

*Gyrophaena* (s. str.) *furcata*.

*Gyrophaena* (s. str.) *trifida*.

*Gyrophaena* (s. str.) *nigra*.

*Gyrophaena* (s. str.) *rigida*.

*Peliusa pallescens*, in poor condition and is apparently not a *Peliusa*; the mesosternal process is broad and extends the whole length of the coxae, which is not a character of this genus.

*Homalota platystethoides* is an *Atheta* s. str.

*Homalota prona* is an *Atheta* s. str.

*Homalota microcephala* is an *Atheta* s.g. *Dimetrota*.

*Homalota testaceipennis* is an *Atheta* s.g. *Dimetrota*.

*Homalota suspiciosa* = *Atheta (Coprothassa) anepsia* Cam.

*Homalota termitophila* = *Atheta (Acrotona) peregrina* Kr.

*Bolitochara amabilis* is an *Amaurochara* s.g. *Lasiochara*.

*Autalia riparia* is a *Gnypeta*.

*Autalia angustata* = *Linoglossa bifoveolata* Kr.

*Falagria veluticollis* is an *Amaurodera*.

*Astilbus nigrescens*.