Dr. S. Matsumura:
THOUSAND INSECTS OF JAPAN

1896

Addenda
新日本千蟲圖解

第10図 (11) (♀)

学名：Scleroterroria splendidula F.

昆蟲學上之地位

第11図 (1) (♀)

学名：Belostoma indicum Lep. et Serv.

昆蟲學上之地位

田鱻科（Belostomidae）

(92)
Ranatra maculipes n. sp. (P. XI, Fig. 2, 4).

Closely allied to R. brevipennis Horv. (No. 148), but differs in the following points:

1. Body smaller and narrower.
2. Pronotum longer and narrower, and impunctured.
3. Coxae, femora, tibiae and tarsi much longer and narrower, anterior and middle femora spotted with gray.
4. Abdomen much narrower, appendages much shorter, and middle keel much lower.

Closely allied to R. brevipennis Horv. (No. 148), but differs in the following points:
ニ、體形・小二寸、普通體色ヲ呈ス

ハ、頭短粗、其前鈍ハ明ニ廣シ、前胸背ノ後縣ハ廣ク、後縣ニ近キ横溝ハ餘リ判然セズ、點刻

三、半翅鱗ハ網狀ノ脈ヲ缺キ、膜質部ニ於ケル縦脈ノ数ハ遙ハ少シ、

四、雄ノ生殖板ハ短ク、(145)号ノ如ク其末端ニテ鉈尖ナリ、

分布：沖縄、臺灣、支那、フィリピン、印度、澳洲

第十一図(4)

(5)

学名：Nacoris exclamations Scott.

(141)こばんむし

(95)
昆虫学上ノ地位
鍋蓋鱗科（Apateletheriae）

體八黄色。

前胸背ノ中央ニ三紋ハ黄色

腹背ノ中央ニ三紋ハ黄色及ニ兩側紋ハ暗色

前胸背及ニ腹側ニアル突起ハ鋭尖ナリ、脚ハ

黄色

後腿節及ニ同第一踏節ノ中央ニアル刷状毛ニ暗色、

頭及ニ前胸背ニ斑紋ヲ狭ク、稜状部ハ黑色、

小顆粒ヲ散在ス、前翅ハ赤褐色、

黑紋ヲ散

在シ、中央ニアルモノハ合シテ帯状ヲナス、

半翅鱗ノ末端及ニ膜質部セ部ヲ除キハ黑色、

腹面兩側ハ黄色ハ暗色、

此ハ沖縄ニ稀ナラズ

骨

分布ハ本州、九州熊本、

北海道

學名
Notonecta biyittata Matis.

第十一圖（7）

(8)

(43) たいわんまつもむし

学名
Enithares formosanus Matis.
Entilhites formosanus n. sp. (Pl. X, Fig. 7, 8).
2. The anterior larval very short, fusiform, near the middle with 2 short curved claws.

I. Pronotum short, nearly disk shaped, no depressed lobe on each side and not elevated at the anterior margin; meso-

Close to Vella Larra, but differs from the latter as follows:

Kotovella (n. sp.)

[Text in Chinese]

Kotovella Kawakami Mats.
3. The middle tibiae much shorter than the femora; the middle tarsi subequal to the tibiae—3rd joint as long as the 1st and 2nd together—nearly from the base bifid—with very long claws.

4. The hind femora very large—longer than the tibiae—the tarsi very short—only 1 of the tibiae—at the apices bifid—with 2 short claws.

Type: Kotovelia kawakamii n. sp.

Body black—with fuscous hairs. The basis of antennae—a band at the anterior margin of the pronotum, the propleurae—abdomen on the sides and the underside of the body yellowish.

Legs black—coxae—the basal half of the anterior femur as well as the base and the underside of the posterior femur yellowish. Hind femora very large, with soft fuscous hairs and few fuscous bristles, beneath with about 8 teeth in 2 rows of which the middle one is largest, ventral on the basal half fuscous.

Hab.—Toromoa (Korisho Ise), 4 specimens collected by Mr. T. Kawakami.

Length: —4 mm.

Kotovelia kawakamii n. sp. (Pl. XI, Fig. 9 & 10).
Abdomen Neogerris (n. g.) closely allied to Gerris but differs as follows:

- Body shorter and broader
- Spindle shaped
- Antennae much longer
- Fourth and fifth joint subequal
- Second somewhat shorter than fourth. Prolateral shorten conical
- Only reaches the middle of the mesonotum, no humeral projection, mesonotum oval and somewhat shorter than the pronotum. No trace of hemelytra and hind wings. Abdomen prothorax much shorter than the thorax.

**Neogerris boninensis n. sp.** (Pl. XI, Fig. 10, 11)

**Type:** Neogerris boninensis n. sp.

Much shorter than the thorax.

**Hab:** Ogasawara Islands (Bonin Island), many specimens collected by the author.

Length - 2-5 mm.

Body velvety fuscous brown, an incurved spot at the hind margin of the head, a spot near the middle of the pronotum, no trace of hemelytra and hind wings.

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**Type:** Neogerris boninensis n. sp.

Much shorter than the thorax.

**Hab:** Ogasawara Islands (Bonin Island), many specimens collected by the author.

Length - 2-5 mm.

Body velvety fuscous brown.

An incurved spot at the hind margin of the head, a spot near the middle of the pronotum, no trace of hemelytra and hind wings.
体：黒褐色、頭後頭部除き、光沢アル黒色ニシテ點刻及ボ紺黒シ、顔ノ前線、角曲基部ニ二節、前胸背ノ兩側、同後線並ニ半翅ヲ前線ハ黄色、前胸背、胸臓部及ニ半翅ヲ黒色トシテ、細ッテ後して、脚ハ黄褐色、其下面ハ淡色、體下ニ於テハ、體下及ニ脚ハ黄色、腹面ノ基部及ニ前胸背ノ兩側ニ暗色ヲアリ、後者ニハ、体長（♂）二分五厘、（♀）三分ニ三分
昆蟲學上ノ地位
水戸科

(150) ひめみづむし
学名 Micronecta sedula Horw.

第十一図 (14) (♀)

第十二図 (1) (♂)
学名 Brachypilus cognata Wk.

(100)
名 Coptosoma japonicum Mats.

十二図(2) (♀)

前臂背方と掌方は縦.nav,157) 背部節間はやや細長

翅大,ニシテ判然,ス,掌方,黄色,基節,轉節は腹節末節,除き,黄褐,線長九厘,此へ東

新日本昆虫図解

(103)
Coptosoma japonicum n. sp. (Pl. XII Fig. 2). Black shining. Head nearly impunctured in the middle with a longitudinal yellowish spot, thus at the apex yellow.
Pronotum thickly punctured on the anterior part with 4 oblong transverse spots (2 and 2) the pair nearest the anterior margin being smaller than the anterior angles of the pronotum narrowly oblique longitudinal stripe on each side. and a small spot at each posterior basal angle yellow. Scute lum near the base with 2 yellowish transverse elongate spots before the basal impression; the sides quite broadly yellow thickly punctured. Body beneath black. Abdomen on the sides yellow, venter on each side with a row of yellowish spots. Legs yellow, coxae, trochanter and femora (except the apices) yellowish brown.
Length—3 mm.
Hab.—Honshu, Kiusiu; many specimens collected by the author.

Closely allied to C. assamensis Atk. but larger and the coloration in detail distinctly others.
Lamprocoris giranensis n. sp. (P. X11, Fig. 4, 5).

Head and thorax metallic green. Antenna of the middle part of the antenna margin of pronotum a spot near each anterior angle.

The thorax metallic green, the base of the venter, and a spot near each ventral segment (except the first and last segment), as well as a large oblong transverse spot on the last segment black. Remora at the apices metallic green, the thorax and abdomen. The bases metallic green, the base of the venter, and a side spot near the base of each ventral segment purple, slightly elongated, and the sides of the thorax metallic green, the base of the venter, and a spot near each ventral segment. The thorax metallic green, the base of the venter, and a spot near each ventral segment.
学名 Lamprocoris miyakoensis Mats.

Hab.—Formosa (Girland), one ♀ specimen collected by Mr. N. Tsuru.

第十二図 (5) ♀

第十二図 (6) ♀

(156) わたなべきんかめむし

学名 Pocciloris watanebei Mats.

昆虫学上ノ地位 棒象科

体ハ黄褐色、頭及ニ触角ハ黒紫色、但シ触角末端ニ二節ハ黄褐色、前胸背ノ前緣及ニ両側ハ紫色ヲ帯デ、脛節ハ金緑色、足ハ金緑色、腹部ハ黄色、兩側及ニ腳ハ黒色、翅ハ透明

島及ニ石垣島＝産スレド＝稀ナリ。

分布＝沖縄、

中央ニ二個ノ大ナル黒褐色ヲ帯デ、稜状部ニ二ノレ字形ヲ呈シ、基部＝近キモノ。
Poecilocoris lewisi Dist

Body ochraceous. Head and antennae dark purple the last 2 joints of the antennae being ferrugineous. Pronotum on the anterior and side margin with a purple shade in the middle with 2 large dark purple spots. Scutellum with 2 pairs of V-shaped dark purple spots of which the basal pair smaller and connected at the base by a same colored transverse band. Another pair larger, undulated at the anterior border. Body beneath ochraceous. Sternum on the sides, stigmatical spots and a large spot of the penultimate segment dark purple. Rostum and legs ferrugineous, formerly at the apices, bluish and later dark.

LENGTH 17 mm.

Hab.—Formosa (Hoppo), one f specimen collected by the former K. Watanabe.

Body ochraceous. Head and antennae dark purple. Pronotum, legs ferrugineous, formerly at the apices, bluish and later dark. Large spot of the penultimate segment dark purple. Rostum and legs ferrugineous, formerly at the apices, bluish and later dark. Another pair larger, undulated at the anterior border. Body beneath ochraceous. Sternum on the sides, stigmatical spots and a large spot of the penultimate segment dark purple. Rostum and legs ferrugineous, formerly at the apices, bluish and later dark.

Length 17 mm.

Hab.—Formosa (Hoppo), one f specimen collected by the former K. Watanabe.

Closely allied to P. hardwicki West. from China but the spots of the scutellum distinctly others.

Head—P. formosus (Hoppo), one f specimen collected by the former K. Watanabe.

Length—17 mm.

Body ochraceous. Head and antennae dark purple. Pronotum on the anterior and side margin with a purple shade in the middle with 2 large dark purple spots. Scutellum with 2 pairs of V-shaped dark purple spots of which the basal pair smaller and connected at the base by a same colored transverse band. Another pair larger, undulated at the anterior border. Body beneath ochraceous. Sternum on the sides, stigmatical spots and a large spot of the penultimate segment dark purple. Rostum and legs ferrugineous, formerly at the apices, bluish and later dark.

Length 17 mm.

Hab.—Formosa (Hoppo), one f specimen collected by the former K. Watanabe.

Closely allied to P. hardwicki West. from China but the spots of the scutellum distinctly others.
<table>
<thead>
<tr>
<th>第十二図 (8)</th>
<th>(♀)</th>
</tr>
</thead>
</table>

学名: Pocciolocoris guttatus Mats.

昆虫学上ノ地位: 植象科

分布: 本州、台湾、

両翅、頭及大腿角ノ基節ハ黒褐色、触角ノ第二及第三節ハ金緑色、第四及第五節ハ黒色、

前胸背ノ前縁及ハ兩側ハ紫色ヲ帯ベ、中央ニハ金緑色、中央ニハ同色ノ二縁条アレドモ短カクシ

両前後ノ兩縁ニ達セズ、稜状部ニ十三個ノ金緑紋紫褐色ナルモアリヲテ5 14 2 ノ四行ニ排置セ

節ハ紫色ヲ帯ベ、體長六分、此ハ臺灣地方ニ産スレドモ稀ナリ、

分布: 臺灣屈尺、墾里社、

(108)
Poecilotyris 15-guttatus n. Sp. (PL XII – Fig. 8).

Body fulvous brown closely punctured. Head above and the basal joint of the antenna dark indigo blue, the and 2nd and 3rd joint metallic green, the 4th and 5th joint blue.

Head and thorax beneath metallic green, pronotum, ventre and legs yellowish brown, with strong purple reflection, tibiae and tarsi metallic blue or green. Length 18 mm. Hab.-Formosa (Taihoku Horisada) collected by Mr. M. Suzuli and the author.
Chrysophara formosana n. sp. (Pl. XII, Fig. 9, q).

Body green, with metallic lustre, markings dark green, sparingly punctured. Occiput dark indigo blue. Antennae black, basal the metallic green. Pronotum near the anterior angles each with an oblong transverse spot, on the posterior half with 7 longitudinal short stripes, of which the middle one is longest. Scutellum with 15 spots in 6 rows (3, 2, 4, 3, 2). The 2nd metallic green, legs and venter golden green, the latter on the sides purple, the tarsi black.

Hab.—Formosa (Arisan), collected by the author.

Length----11 mm.
学名 Chrysophora excellens Burn.

昆虫學上ノ地位 梳象科

第十二圖 (12) (♀)

昆虫學上ノ地位 梳象科

學名 Coleoticlus (Epicoleiticlhus) borealis Dist.

(162) はしむらさきかめむし

第十一圖 (11) (♀)

(161) ならほしさんかめむし
地方
捕獲セルモノナルガ如シ
分布
ラ

昆蟲學上ノ地位
椿象科
学名
Alcimus borealis Dist.

(163) うしかめむし

第十二圖
(13)
(♀)

(164) ふたこぶかめむし

第十二圖
(14)
(♀)

学名
Cazina ulcerata H. S.
昆虫学上ノ地位

桩象科

Podops (Scotophara) tarsalis Vell.

第十二図 (15)

(♀)

(165) めぐろかめむし

學名

體ハ黑色、

角各節ノ末端ノ前緣ハ紺色、

中ノ前緣及ピ後緣ノ近ク各ノ角ノ前緣ハ紺色、

末端ハテク黄褐、

體長分八厘、

分布ノ本州、九州、

体長ノ前緣ハテク剛毛、

體下及ピ脚ハ黑色、

體ノ基部ハ大形ノ瘤状突起ヲ有シ、

前胸ノ瘤状ト短シノ瘤状突起ヲ有シ、

分布ノ臺灣、

體ノ基部ハ大形ノ瘤状突起ヲ有シ、

前胸ノ瘤状突起ヲ有シ、

分布ノ臺灣、

(113)
Eysarcoris Lewisi Dist.

昆虫學上ノ地位  椿象科

體ハ灰色、点刻暗色ナルア以テ暗灰色ナルガ如シ、頭ハ稍マ四角形ヲ呈シ、紫黑色ニシテ光澤ヲ帯

個ノ黄白色ヲリテ、之ヲハ点刻ヲ缺ク、半翅鞘ニシテ斑纹ヲ缺キ、膜質部ハ暗黄、体下ハ紫黑色、

九州地方ニ稀ナラズ、

分布 本州、九州、

第十二図(17)

(♀)

学名 Eysarcoris melanopeplus F.

昆虫學上ノ地位  椿象科

第十三図 (166)

(♀)

学名 Eysarcoris Lewisi Dist.

昆虫學上ノ地位  椿象科

體ハ灰色、點刻暗色ナルア以テ暗灰色ナルガ如シ、頭ハ稍マ四角形ヲ呈シ、紫黑色ニシテ光澤ヲ帯

個ノ黄白色ヲリテ、之ヲハ点刻ヲ缺ク、半翅鞘ニシテ斑纹ヲ缺キ、膜質部ハ暗黄、体下ハ紫黑色、

九州地方ニ稀ナラズ、

分布 本州、九州、

第十二図(17)

(♀)
学名  Starioides iwakawai Mats.

分布  北海道、本州

（168）  いさきかめむし

昆虫学上ノ地位  植物科

体ノ洴黃褐色、暗褐色ノ點刻ヲ有シ、触角口吻及び歩脚ハ黃褐色、稜状聞く末端ハ黄褐色、陥状膜ハ灰色、半透明、基尾端ヨリ突出ス、口吻ノ末端ハ黒色、體下ハ

モニ斑紋ヲ有スルガ如シ、膜質部ハ灰色、半透明、基尾端ヨリ突出ス、口吻ノ末端ハ黒色、體下ハ

モニ斑紋ヲ有スルガ如シ、膜質部ハ灰色、半透明、基尾端ヨリ突出ス、口吻ノ末端ハ黒色、體下ハ

啄

Starioides (n. g.)

Closely allied to the genus Staria Dohi, but differs from the latter in the following characters:

1. Ocelli large, placed near the eyes, but not very closely.
2. Ocelli large, placed near the eyes, but not very closely.
3. Antennae long, reaching the middle of the body, basal joint short, but nearly reaching the apex of the head, and

(115)
Type—*Starioides iwasakii n. sp.

6. Legs longer and slender.

1. Apex much narrower and much shorter than the corium ; membranous long, with somewhat 11 longitudinal veins.

2. Lateral angles of pronotum more produced and angular ; scutellum reaching over the middle of the abdomen, at 4. Second joint of the rostrum scarcely longer than the 3rd ; 4th much shorter than the 3rd.

3. Antennae, rostrum and legs yellowish brown.

4. Second joint of the rostrum scarcely longer than the 3rd.

5. Scutellum at the apex pale yellow, gibbos, at the base with a semicircular sparsely punctured part, so that it seems like a large spot. Corium in the middle and at the apex each with a pale spot (like that of the scutellum). Accompanying subhyaline, suffused with gray.

Body pale yellowish brown, with numerous fuscous punctures. Antennae, rostrum and legs yellowish brown.

Type—*Starioides iwasakii n. sp. (Pil. XII, Fig. 18. ½).

*Starioides iwasakii n. sp. (Pil. XII, Fig. 18. ½).

Hab.—Rikiu (Yayeyama) collected by Mr. T. Iwasaki.

Length—9 mm. Sides, rostrum at the apex lucious.

Body, rostrum and legs yellowish brown, with fuscous punctures. Abdomen, gradual punctures at the 1st, impulses at the 2nd, corium subhyaline, suffused with gray.
(170) しきへりがいた

学名  Schinus niveimarginatus Scott.

第十二図 (20) (♀)

第十二図 (21) (♂)

學名  Adrisa magna Uhl.

新日本千種図解
(117)
第二節太ジ、前胸背ノ中央隆起シ、其部分＝点刻ヲ鈍キ、兩側及び後綫＝近キ點刻ハ粗大ナリ、稜

第三節太ジ、其部分＝点刻ヲ鈍キ、兩側及び後綫＝近キ點刻ハ粗大ナリ、稜

分布＝本州東京、台湾埔里社、支那

學名 Aenaria lewisi Scott

昆虫学上ノ地位 椿象科

體ハ暗黄。褐色ノ點刻ヲ密布ス、觸角赤色、第五節ハ黄色、第一節ノ基部、第四節ノ末端及び第五

節ノ中央ハ黑色、前胸背ノ前綫＝近キ黒褐ノ二點紋ヲ具ヘ、稜状部ノ中央＝黄色ノ一縦條ヲ並走ス、膜質部ハ灰白、半透明、脈ハ褐色、體

下及脚ハ淡黄色、気門ハ褐色、黑色ノ點刻ヲ粗布ス、跗節端赤黄、體長＝四分内外、此ハ稲ノ

第十二図（23）(♀)

學名 Erthesina fallo Thunb.
昆虫学上ノ地位

学名 Eurostus validus Dall.

（174）たいわんおはかもむし

（119）
第十三図

(2) P. fulgens Dist.

学名
Parastrachia fulgens Dist.

分布
本州、九州、西比利亜

昆蟲學上ノ地位
椿象科

学名
Zicrona coerulea L.

分布
本州、九州熊本

(3)

(180) るりくちぶこかめむし
昆虫学上ノ地位  植象科

(181)  いしだくにほこかめむし
学名  Audinetia spinicna F.

第十三圖(4)  (♀)  
昆虫學上ノ地位: 蟲象科

(182)  きしもふりはりかめむし
學名  Canthecora furcellata Wolf.

第十三圖(5)  (♀)  

(123)
昆蟲學上ノ地位

昆虫学上の位置

分布
九州
沖縄
沖縄

名
Urochela jozankaena Mats.

第十八章

(6)(8)

(183)よつもんかめむし

分布
北海道

分布箇所

分布箇所

分布箇所

分布箇所

分布箇所
Ferrugineous brown. Pronotum and scutellum rugously and thickly and hemelytra finely and remotely punctured.

Antennae black - 4th and 5th joint ach at the basal half yellow. Head in the middle with 2 fuscous longitudinal lines - occiput fuscous. Hemelytra each with 2 black spots - of which one in the disk and another in the middle of the apical margin.

Membrane subhyaline - fulvous with about 6 longitudinal veins. Connexivum each with a quadratic black spot ; petioli on the sides black spotted. Rostrum - legs and body beneath fulvous - tarsi at the apices fuscous.

Length - 15 mm.

Hab. - Hokkaido (Sapporo) many specimens collected by the author.

Closely allied to U. guttulata Stal but much larger.

Urochela jazankhana n. sp. (Pl. Xill. Fig. 6. 4)
Acanthosoma Rubicorne Matis.

(185) 0 8 8 & n 3 8 8

Rhynchochors Humeralis "Thumb.

(186) 0 8 8 & n 3 8 8
Acanthosoma rubicorne n. sp. (Pl. XIII, Fig. 9, g.)

Body yellow, black punctured. Antennae black. 1St joint on the inner side and 2nd at the base (ulvous. Head 1.1 above transversely wrinkled impunctured near the eyes. 2nd angles of the pronotum prominent, rubyred, towards the apex deep in color; on the hind border fulvous. Scutellum sparsely punctured. Hemelytra at the apex olivegreen. Green long and exceeding the abdomen. Last 2 connexivum–segments red. Rostrum, body beaneath and the legs yellow, at the apex black. tarsi and claws both at the apex infuscated. Genital segment of the male strongly excavated posteriorly and where colored black, scale angularly produced, covered with short hairs. Styles long, pointed, hook-like curved at the apex and where colored black.

Closely related to A. expressionis Horv. Hdp.—Hokkaido (Sapporo).

Length—15—16.5 mm.
第十三図 (11) (♀)

学名 Acanthosoma giganteum Mats.
Green or yellowish green closely punctured. Head, pronotum on the anterior margin, abdomen on the sides, rostrum body beneath and legs (tarsa fuscous) yellowish. Antennae black, 1st joint at base fulvous. Head above impunctured with many transverse furrows. Pronotal projections very long, straight, at the apex somewhat curved towards the front, sharply pointed. Scutellum sparsely punctured, in the middle with an indistinct longitudinal keel, at the apex somewhat sucluted. Hemelytra thickly punctured, membrane fulvous subhyaline somewhat exceeding the abdominal ends, each hind angle produced into a very small spine. Pygidiun red divided into two roundish lobes. The 3rd (except the base) and all joints of the rostrum black. Femora except the bases mostly fulvous, darker at the apices.

Length—½ 18 mm.

Hab.—Honshiu (Kyoto), one specimen collected by Mr. M. Suzuki.
Homoeocerus shoekensis n. sp. (Pl. XLI, Figs. 13, 14)
by fuscous. Protom in the middle with an indistinct longitudinal imprinted line, which continues to the scutellum, on the hind margin near the humeral angles each with an oblong impression. Scutellum at the apex fuscous. Hemelytra yellowish brown, shining, membrane subhyaline, not reaching the abdominal end. Abdomen on the side yellow, scarcely produced. Hemelytra yellowish.

Length—♂, 10 mm. ♀, 13 mm.

Rostrum, body beneath and legs yellowish, pleurite each with a small black spot. Signa of abdomen each with a black ring. Last abdominal segment of the male on the hind margin narrowly rounded, while that of the female being nearly truncated.
Uhleriella (n. g.)

Differs from Homoeocerus Burm. as follows: Antennae longer in the male than the body in the female; 1st joint robust clavate; scarcely shorter than the third and fourth short; the former being somewhat longer than the latter. Pronotum at the hind angle very high towards the anterior margin, sharply sloping; lateral angles acutely produced. Scutellum much longer than the basal width. Membrane with about 16 longitudinal veins.

Type: Uhleriella marginata Uhleriella


Iwasal (n. g.)

But easily distinguished as follows:

Iwasalidae Bischerae, Mas.


Type: Iwasalidae Margariae, Iwas.

 Uhleriella (n. g.)

Differ from Homoeocerus Burm. as follows: Antennae longer in the male than the body in the female; 1st joint robust; clavate; scarcely shorter than the third and fourth short; the former being somewhat longer than the latter. Pronotum at the hind angle very high towards the anterior margin, sharply sloping; lateral angles acutely produced. Scutellum much longer than the basal width. Membrane with about 16 longitudinal veins.
1. Antennae much longer — somewhat shorter than the body — 1st and 4th subequal — 3rd being shortest.

2. Rostrum longer — reaches the mesocoxae — 1st — 2nd and 4th subequal — 3rd shortest.

3. Hind pronotal angles acutely produced.

4. Scutellum much longer than the basal width.

5. Hemelytra at the apex narrower and longer — membrane at the base with a transverse triangular cell from which emits about 15 longitldnal (some of them forked) veins.

Type: *Iwasakia biguttata* n. sp.

*Iwasakia biguttata* n. Sp. (Pl. XII, Fig. 15).

Rod. — Ryukyu (Yayeyama), one § specimen collected by Mr. T. Iwasaki.

Length — 15 mm.

Hab. — In the middle shallowly notched.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antenna</td>
<td>Longer than the body with a greenish tinge</td>
</tr>
<tr>
<td>Pronotum</td>
<td>Fuscous with a longitudinal groove between the eyes</td>
</tr>
<tr>
<td>Prothorax</td>
<td>At the sides fuscous near the anterior margin in the middle with 2 short fuscous longitudinal lines, humeral angles sharply pointed. Scutellum at the apex pale yellowish.</td>
</tr>
<tr>
<td>Scutellum</td>
<td>At the apex narrow, the 1st, and 2nd each on its apex, the 3rd at the base and the larger portion of the apical joint yellowish brown, the rest dark yellowish brown, closely punctured, but not haired. Antennae longer than the body, with a greenish tinge, the first joint outwardly, the 3rd and 2nd each on its apex, the 4th at the base and the larger portion of the apical joint fuscous.</td>
</tr>
<tr>
<td>Hemelytra</td>
<td>Membrane yellowish brown exceeding somewhat the abdominal end</td>
</tr>
<tr>
<td>Abdomen</td>
<td>On the sides flavescent. Rostrum and body beneath and legs pale yellowish. Posterior femora of the hind legs yellowish brown.</td>
</tr>
<tr>
<td>Last dorsal segment on the hind margin in the middle shallowly notched.</td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>15 mm</td>
</tr>
</tbody>
</table>

*Iwasakia biguttata* n. sp. (Pl. XII, Fig. 15).
Hab.—Formosa (Takokan),
Length—½ 19½ mm.

Hues.

The last 2 segments of the abdomen, each with a small black spot on the sides. Thrice and lateral red, clava yellow, at their tips.

The second joint of the abdomen, each with a small black spot on the sides. Thrice and lateral red, clava yellow, at their tips.

Thorax and abdominal segments except the last 2 segments of the abdomen, each with a small black spot on the sides. Thrice and lateral red, clava yellow, at their tips.

Nervous, with a coppery lustre.

Yellowish brown. Antennae red, somewhat shorter than the body, the 4th joint fuscous, at the base and on the sides not punctured, except the extreme apex yellowish. Elytra more largely and closely punctured, at the base and on the sides no punctured, at the extreme apex yellowish. Elytra more largely and closely punctured, at the base and on the sides not punctured, at the extreme apex yellowish. Elytra more largely and closely punctured, at the base and on the sides not punctured, at the extreme apex yellowish. Elytra more largely and closely punctured, at the base and on the sides not punctured, at the extreme apex yellowish. Elytra more largely and closely punctured, at the base and on the sides not punctured, at the extreme apex yellowish. Elytra more largely and closely punctured, at the base and on the sides not punctured, at the extreme apex yellowish. Elytra more largely and closely punctured, at the base and on the sides not punctured, at the extreme apex yellowish. 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昆虫学上ノ地位 綠椿象科

(194) つまきへりかめむし

学名 Pachyccephalus opacus Ull.

第十三図 (17)

(♀)

学名 Leptoglossus membranaceus F.

昆虫学上ノ地位 綠椿象科

(195) あしひろへりかめむし

第十三図 (18)

(♂)
学名 Notobius melanostigma

分布：沖縄、台湾、支那、比利賓、印度

（196）ひげながヘリカメムシ

第十三図（19）

昆虫学上、地位 線椿象科

体の暗褐色，點刻多シ，光線ノ不整，シクレシテ紺色ニ現ハス，触角ハ稍や短と同長，第四節ノ基部及二末端ハ黄色，天鱗絹様ノ関節ハ短然ス，膜質部ハ銅色ノ関節ヲ放チ，少シク尾端ヲ越ユ，口吻基部ハ黄色，関節下ニ鋸歯ヲ列ッ，後関節下ニアルモノハ短ク，前中両関節基部ヲ除キ及二同関節ノ一纹

（♀）八分，八分，此ハ台湾埔里社地方ニ稀ナラズ，
Closely allied to Homosceurus Durr, but differs as follows:

Antennae somewhat shorter than the body, 1st joint clavate, longer than 3rd, shorter than 4th and longest. Rostrum long, nearly reaches the metacoxae, all joints subequal, only the 3rd a little shorter than others. Prominent on the hind angles, each with a sharp forwardly pointed spine. Membrane at the base with a transverse narrow cell, from which radiates about 13
Type: *Metacletus bivittatus* n. sp.

Length—♀ 13—½ 17 mm.

Hab.—Okinawa (Riukiu), 3 specimens collected by Mr. K. Kuroiwa.

Orange yellow. Head punctured dark blue behind the ocelli yellowish and impunctured. Antenna fourth joint dark brown. Pronotum very hairy. Promargin very hairy. Sparsely punctured, dark blue, with 2 yellowish longitudinal oblong spots, in some specimens the anterior margin, the humeral angles with their spines and a triangular spot at the hind margin dark blue.

Orange yellow. Head punctured, dark blue, behind the ocelli yellowish and impunctured. Antenna dark blue, 4th joint dark brown. Pronotum very hairy, sparsely punctured, dark blue, with 2 yellowish longitudinal oblong spots, in some specimens the anterior margin, the humeral angles with their spines and a triangular spot at the hind margin dark blue.

Macellicus binocularis n. sp. (P. X1II, Fig. 20, ½).

Hab.—Okinawa (Riukiu), 3 specimens collected by Mr. K. Kuroiwa.
昆虫學上ノ地位
 THREADS 蝉科

分布-台湾、支那、马来、印度、...

学名
Yemna exulis Hory．

第十四図 (1) (♀)

(199) いこかめむし

日本千種圖解
AtoleLoucou surgeries. P.

(201)

The Antilocapra Cooperbellus P.

(201)
Lygaeus flavomarginatus n. sp. (Pl. XII, Fig. 4, ♀).

Black, head, thorax (the female on the sides fulvous) and the costal region of the hemelytra fulvous. Antennae, rostrum and legs dark brown. Head beneath yellow. Body beneath fuscous, covered with very fine, short, grayish hairs, on the sides and the pygidium fulvous. Head impunctured, pronotum coarsely and closely punctured, scutellum along the sides and in the middle each with a narrow longitudinal ridge, very finely and closely punctured, at the apex fulvous. Hemelytra finely and closely punctured, membrane fuscous, much exceeding the abdominal end.

Length—♂ 12, ♀ 19-21 mm.

Hab.—Okinawa (Riukiu), many specimens collected by Mr. K. Kuroiwa.
Body fulvous coarsely and sparsely punctured covered with very fine short grayish white hairs. Antennae and legs yellowish 4th joint of the former fuscous. Head black. Pronotum on the anterior border brown 2 scar-like spots near the anterior margin and the humeral angles fuscous. Scutellum dark brown at the apex fulvous. Hemelytra on the costa yellowish impunctured at the apex fuscous. Membrane grayish white subhyaline near the middle with a longitudinal indistinct stripe. Body beneath dark brown on the sides yellowish. Tarsi at the apex and claws fuscous.

Lygaeosoma Hayipes n. sp. (P. XIV, Fig. 5, 6).

Hab. - 110115hu (Kyoto) 2 (♂♀) specimens collected by Mr. M. Suzuki.
Shining black. Antennae black. 3rd joint except the base yellowish brown. Head on the sides punctured. Prothorax smooth in the middle with a longitudinal furrow on the anterior margin and sides as well as on the posterior half. Scutellum coarsely punctured. Hemelytra with the membrane grayish white, the longitudinal veins fuscous. Membrane near the base with a large fuscous spot, the tip of hemelytra reaches nearly the end of the penultimate abdominal segment. Prosternum dark brown, the base with a large fuscous spot, the tip of hemelytra reaches nearly the end of the penultimate abdominal segment. Pronotum smooth in the middle with a longitudinal furrow on the anterior margin and sides, as well as on the posterior half. Head on the sides punctured, except the base yellowish brown.

Macropes minor, n. sp. (p. XIY, Figs. 7, 8.)

Hab.—Formosa (Tappan), 1 specimen collected by the author.

Length—about 9.6 mm.

and very much elongated, cast yellowish brown.
Length—7.5 mm.

While, except below the basal part of each segment of the antenna. Head closely and very finely punctured, a larger puncture of the pronotum globular, very hairy. Clypeus is relatively broad. Antennae at the apices reddish brown.

Head covered with short, grayish white and few long brownish hairs. Antennae and a small basal spot at the apex and a small spot near the middle on the other margin of the pronotum. Antennae at the apices reddish brown.

Head covered with many longitudinal puncture-rows, costa at the basal half of the head at the apex and a small spot near the middle on the other margin of the pronotum, Antennae at the apices reddish brown.

Hemelytra with many longitudinal puncture-rows, costa at the basal half of the head at the apex and a small spot near the middle on the other margin of the pronotum, Antennae at the apices reddish brown.

Black, covered with short, grayish white and few long brownish hairs. Antennae at the apices reddish brown.

Panera harmanniensis n. sp. (P. X. F. 8. 9)
(207)  

学名

Pamella pallicorninis Dall.

昆虫学上ノ地位

長椿象科

體ハ黄色。角ハ淡黄褐色，第一節ノ一縦線，第三節ノ末端及ビ第四節ノ基部並ビ末端ノ半部ノ暗灰色。前胸背ノ前半ニ小點刻ノ密布シ，灰白ノ短毛多シ。腹ノ後半ノ中心ニ短カキ弓状ノ横線ヲ有ス。腹ノ下半部ノ中央ニ短カキシシ密布ヲ有バ，左翅端ハ黄色，點刻ハ暗色。前緣ノ基部ニ近ク暗色ノ二縦線ヲ有ス。口吻ハ黄褐色。基節及びビ末端ノ小部ノ基部ヲ除キ，腿節ハハシク肥大シ，二列ノ小齒ヲ有ス。其ノ内ニ二個ハ大ナル，脛節及び足節ノ末端ハ褐色，體長二分二厘，此ハ本州及び地方ニハ稀ナルズ。

Closely allied to P. hemiplera Scott, but much larger.
学名  Pantera niethemi Dohr.

第十四図 (10)

（208）もんくろがいた

昆蟲學上ノ地位 長椿象科

黒色、灰白ノ短毛及白ノ前胸、頭頂ノ二縦溝ヲ

具ヘ、前方ニハ點刻サリ、前胸脕ノ前半ニハ

點刻トナク、後半ニハ點刻トシ。第二節ノ基

部ニ黄褐色、頭ニハ小點刻ヲシ、前胸脕ノ接

imed。第三節ニ黄褐色、脚ニハ黒色、節及

び節節ノ基部ハ黄褐色、聯節及び節節ハ黄

褐色、體下ノ暗色、腹側＝黄白紋ヲアリ。體

長四分。此ハ沖縄地方＝稀ナラズ、

分布＝本州、九州、八丈島、沖縄、臺灣、南方支那、印度。

第十四図 (11)

（♀）

學名 Aphanus albacatus Scott.

昆蟲學上ノ地位 長椿象科

體ハ黒色、白ノ短毛多シ。頭＝黄白色、後

半ニハ點刻ヲシ。第二節ノ基部ハ黄褐色、頭

ニハ小點刻ヲシ、前胸脕ノ接imed。第三節ニ

黄褐色、脚ニハ黒色、節及び節節ハ黄褐色、

後半ニハ點刻ヲシ、前胸脕ノ接imed。
隠色ノ点刻多シ、末端ニ近キ一大紋及ビ腹部ハ黒色、此二紋ノ中間＝アル點刻ハ少ナク、且ツ灰色

及び脚ハ黒色、脚基部ノ外側＝アル一大紋及ビ脚側＝アルハ横帯ハ黒白、灰色ノ小紋ヲ散在ス。尾端＝達セズ、口吻、體下

両脛節及び脚節＝ハ黄褐色、但シ腿節ノ末端及ビ第二脚節＝末端ハ暗褐色、體長（148）二分五厘内外、此＝

(210) こうしゅんなどがめし

学名 Lygaeus koshunensis Mats.

昆虫学上ノ地位 長椿象科

第十四図 (12) (8)

體ハ朱色、灰白ノ短毛多シ、触角ハ黒褐色、頭部＝基部ハアラシキ暗色ヲ帯ビ、体側＝暗シハ短小、中央＝ハ凹陷シ、末端＝近ク少シク暗色ヲ帯ビ、脚＝ハ暗褐色、基部＝朱色、雄ノ尾節＝二突起ヲ具ヘ、之レ＝灰白ノ長毛多シ、體長四分五厘、

分布＝本州、本邦＝餘り多カラズ。
**Lygaeus koshunensis**

Dark red covered with short grayish white hairs. Antennae clavous at the base narrowly clavous. Head at the apex somewhat elevated. Pronotum coarsely punctured at the sides and on the anterior margin each with a border ridge in the middle distinctly excavated, near the apex in the middle distinctly excavated. Scutellum in the middle distinctly excavated, near the tip somewhat elevated. Hemelytra dark red clavus and the corium near the suture fuscous. Membrane fuscous distinctly exceeding the abdominal end. Rostrum dark brown long reaches the hind coxae. Body beneath dark red thorax and the venter in the middle infuscated. Legs fuscous coxae dark red. Last ventral segment on the hind margin with a horn-like projection, and the hemelytron in the middle infuscated. Length—13.5 mm.

**Hab.**—Tomosai (Koshun).

Length—13.5 mm.

Measurements:
- Length: 13.5 mm.
- Width: 2 mm.

**Physopelta gutta**

Leaves Physopelta gutta
腹部
分布

成虫

星椿象科

二十一世紀

Dysdercus cingulatus F.

學名

(212) あかはしかめむし

昆蟲學上ノ地位 星椿象科

體

分布

(213) しろじゅんじかめむし

學名 Dysdercus crucifer Mats.

昆蟲學上ノ地位 星椿象科

前體ハ朱色、触角、前胸背前緣ノ一紋、稜狀部、半翅鞘ノ内片、く字形ノ黄白紋ヲ有、ルハ、以テ容易ニ區別スルコトヲ得べし、体

前

(14) あかざり普通ナリ

Dysdercus crucifer Mats.

學名

昆蟲學上ノ地位 星椿象科

前體ハ朱色、触角、前胸背前緣ノ一紋、稜狀部、半翅鞘ノ内片、く字形ノ黄白紋ヲ有、ルハ、以テ容易ニ區別スルコトヲ得べし、体

第十四図 (15) (♀)
Dysdercus crucifer n. sp. (Pl. XIV, Fig. 15, 16).

Closely allied to D. cingulatus F. but differs as follows.

Body somewhat larger. When closed the hemelytra is presents a X-shaped yellowish white mark. Thorax and abdominal segments each at the inner side of the X-shaped mark, membranous, punctured. Pronotum sparser and finer punctured. Corium and a spot at the inner side of the X-shaped mark, membranous.

Length—♀ 14–16 mm.

Hab.—Rizhau, Formosa, Singapore; many specimens collected by the author.
the extreme apex somewhat English white. Prominent on the sides leaf-like produced, at the margin with many yellowish teeth.

Body fuscous, carefully punctured and furnished. Antennae robust; first as long as the head and pronotum together. at

Argus indicus n. sp. (Pl. XI, Fig. 17, 4.)

Finally, one draws the main.

Finally, one draws the main.

Finally, one draws the main.

Finally, one draws the main.
Emesa mercida Uhl.

Hab.—Hokkaido, Honshu; many specimens collected by Mr. S. Iguchi and the author.

Length—7—9 mm.

The tip of each tibia yellowish white, and legs fuscous; the former strongly granulated; the coxae, the basis of femora and tibiae, the middle part and a part near the posterior angles of each segment yellowish white, the latter strongly granulated. Body bicolored, the posterior angles of each segment yellowish white, the last 3 segments on the sides acutely produced. Abdomen towards the end strongly dilated, the posterior angles much shorter than the abdomen. Hymenoptera in the male somewhat yellowish white, with 3 to 4 same colored spots circularly, some cross veins yellowish. Hemelytra at the basis near the costal margin yellowish white, near the anterior angles on the sides yellowish white, longitudinal keel strongly granulated. Scutellum fuscous, strongly granulated.
学名 Orthinaga bivittata Uhl.

（217）こみあしながさしだか

第十四図 (19) (♀)

学名 Oncocerus notatus Kug.

分布 本州岐阜、播州、

第十四図 (20) (♂)
昆虫学上ノ地位 食虫椿象科

體ニ淡黄褐色、第一触角節ノ内側ニ暗色ノ縦条アリ、頭ノ兩側、頭頂ノ二縦條、後頭ノ隆起セルノ部分、前胸背ノ中央ニアルノ縦条及び其其側ノ細線ハ黒色、前胸背ノ中央ノ天蓋線ノ一黒条アリテ翅端ニ達セズ、其末端ノ

黄褐、體下及二脚ハ淡黄褐色、前肢ハ捕獲肢トナリ、腿節ハテシノ暗色ヲ帯ブ、口吻末端ノ二節ハ暗色、中後兩腿節ノ二縦条ハ黒色、前中兩胸面、後胸面及二腹面ノ両側ハ暗色、體長（♀）四分五厘/

分布：本州、九州、沖縄、臺灣、支那、印度

学名 Acanthodesma peramatum Uhl.

（219）

昆虫学上ノ地位 食虫椿象科

霞ノ赤褐、黄草ノ銳歯多シ、触角ノ体ヨリ長ク、五節ヲ成リ、第四節最も短カシ、頭＝黄色ノ三縦条、前胸背＝同色ノ

四縦条アリ、前胸背＝約十七個ノ銳歯アリテ、其内中央ニアル二個ハ最大ニシテ鬼角様＝突出ス、後頭＝黄色三縦条、第一触角節＝同色ノ

霞ノ赤褐、黄草ノ銳歯多シ、触角ノ体ヨリ長ク、五節ヲ成リ、第四節最も短カシ、頭＝黄色ノ三縦条、前胸背＝同色ノ
新日本昆虫図解

之レニ次ノ、稜状部に三角ノ鋭歯アリラ、後方に仁ノ一個長サ、前翅ハ短カクシテ尾端ニ達セザリ、

暗褐色ノ鱗ハ判然ス、腹面＝灰白毛多ク、両側＝黑色ノ縁条アリ、脚ハ淡黄褐色シテ黄褐色ノ鋭歯多シ、

腿節ハ基部ヲ除キ赤褐色、膝節及び跈節端＝暗褐色、

体長(♀)三分一四分。此ハ本州＝稀ナレドモ、

分布＝本州及び、台湾臺南、

分

(220) くろぼしごめ

学名 Metarrhodes maculatus Mats.

昆虫學上ノ地位 食蝨類象科

體ハ暗黄色、灰白ノ短毛ヲ密生ス、觸角ハ黄色＝シテ體ヨリ短ク、

第一節ハ黑色＝シテ第二節ハ黄色ヲ呈シ、頭ノ二側＝及ビ下面＝暗色、口吻ハ黄色＝シテ、

次ギ＝アル＝部分及ビ末端＝黑色ヲ呈シ、末節ハ長ク、中央ノ一縁条ハ、

上方＝ラ白＝ス、第二節ノ基部ハ黄白＝ス、

第十四図(22) (♀)

暗褐色ノ三縁アリラ縫列シ、翅底＝アル＝短ハ接合線＝ヨリテ二分セラレ、翅端＝半部＝灰色、灰白＝

状＝ハ暗色＝シテ、金色＝短毛多シ、

暗褐色＝シテ、中央＝黒色ノ縁条ヲ具＝ヘ、

後縁＝近ク暗褐色＝ノ一縁条ヲ呈シ、

其＝末節＝尖ラズ、前縁＝アル＝ノハ、

暗褐色＝シテ、中央＝黒色＝ノ一縁条ヲ具＝ヘ、

状＝ハ暗色＝シテ、金色＝短毛多シ、

暗褐色＝シテ、中央＝黒色＝ノ一縁条ヲ呈シ、

其＝末節＝尖ラズ、前縁＝アル＝ノハ、

暗褐色＝シテ、中央＝黒色＝ノ一縁条ヲ具＝ヘ、

状＝ハ暗色＝シテ、金色＝短毛多シ、

暗褐色＝シテ、中央＝黒色＝ノ一縁条ヲ呈シ、

其＝末節＝尖ラズ、前縁＝アル＝ノハ、
Metatropodes maculatus Mats. (Pi. XTV, Fig. 22., 9.)

Body fulvous covered with very short greyish white hairs. Antennae yellow somewhat shorter than body, 1st joint black, at the base above pale yellowish, 2nd at the base pale yellowish, the following same length as well as the apex of the same joint black. Head long in the middle with a fuscous longitudinal stripe, on the posterior half on each side with a greyish longitudinal stripe, shortest in the middle with a fuscous longitudinal stripe, on the posterior half as well as the apex a spot near the apex largest and on an oblique form, anterior under some part Infuscated and very fine yellowish pencilled.

Scutellum fuscous covered with very short golden hairs, near the apex with a blunt brownish spine, at the base reddish. Hemelytra greyish white, each with 3 brownish spots, of which a spot at the base interrupted by the suture-nerve, a spot near the apex largest and on an oblique form, anterior under some part Infuscated and very fine yellowish pencilled.

Length 25 mm. Hab.—Riukiu (Yayeyama), specimens collected by Mr. K. Kuroiwa.
fuscos brown on the sides yellowish, ocular yellow, the ocular region fuscous. Pronotum with 3 pairs of short yellowish (except the extreme apex, which is fuscous) and apical 2 joints yellowish, the 3rd joint being fuscous at both ends. Head above to test two antennae fuscous, longer than body, covered with Othians long hairs, the apical half of the 3rd joint.

Methathodes aphidalis n. sp. (P. XIX, Fig. 33, 34)
Plilocorus immensus Utld.

Type—Metatiarodes maculatus Mels.

Closely allied to Tiarodes Stal.

Anterior and middle femora nearly as long as the same tibia, posterior femora distinctly shorter than the same tibia.

Anceps, reniform at the apices, while each except the middle and apical part, which is fuscous (and tarsus orange-yellow).

Fuscous, reniform at the apices, while each except the middle and apical part, which is fuscous (and tarsus orange-yellow).

Hemelytra ample and long, membrane with 2 long cells. Pronotum in the middle sulciated, acutely produced at the apex with an acute, erect spine. Hemelytra ample and long, membrane with 2 long cells. Pronotum in the middle sulciated, acutely produced at the apex with an acute, erect spine. Hemelytra ample and long, membrane with 2 long cells. Pronotum in the middle sulciated, acutely produced at the apex with an acute, erect spine. Hemelytra ample and long, membrane with 2 long cells. Pronotum in the middle sulciated, acutely produced at the apex with an acute, erect spine.

Metatiarodes (n. g.)

Head subcyindrical, near the apex somewhat compressed, antennal area much longer than postoculal, occipital moderately distanced, antennae inserted near the apex of head, longer than body, 1st joint robust, 2nd longer than 1st, 3rd somewhat longer than 4th, both being very fine and short. Rostum reaching the middle of pronotum, 1st somewhat shorter than is and somewhat longer than 1st, 2nd longer than 1st. Anterior lobe of pronotum at the anterior and near the posterior angles each with a spine, posterior lobe at the hind margin broadly rounded, on each side with an acute spine. Scutellum near the apex with an acute, erect spine.

Hemelytra ample and long, membrane with 2 long cells. Pronotum in the middle sulciated, acutely produced at the apex with an acute, erect spine.
昆虫学上ノ地位
食蟲椿象科

體ハ暗黒褐色、同色ノ長毛多シ、觸角ハ施毛状ニシテ體ノ半ニ達シ、第二節ハ長シ、前胸背ノ中央及

第二節ノ暗褐色、同色ノ長毛多ク、暗黃色ノ三紋アリ、中央ニアルモノハシク小ナル、長クシテ遅尾端ヲ越ユ、體下及び腹ハ淡黄

分布ノ本州岐阜、

學名 Centrocnemis formosana Mats.

第十五図 2 (♀)

昆虫学上ノ地位
食蟲椿象科

體ハ暗黃褐、第一觸角節ハ短樫状ニシテ短ク、第二節ハ長ク、第三及第四節ハ同長ニシテ細

前胸背ノ前半ハ小突起ヲ散在シ、後半ノ兩側ハ甚ダシク突出シ、此線ハ四処ヲ具ヘ、頸ハ圓柱形ニシテ長シ、

瘦アリ其後縁ハ近シル處ニ各一窪アリ、細状部ハ小、末端ハ黄色、半翅部ハ細ク、脈ハ灰色ニ

シテ隆起ス、膜質部ハ長キ三胞室ヲ具ヘ、其内前縁ハ近キモノハ小ナル、腹側ハ甚ダシク突出シ、

之レニ多クノ小窪ヲ列ス、口吻ハ短大、第一節ノ基部ニ近キ一紋、第二節及第三節ノ基部ヲ除きハ

(380)
Verticovales dilatatus Mats.

Hab.—*Formosa* (Arthur): one specimen collected by the author.

Length—31 mm.

*Centroconemis formosana* n. sp. (Pl. XV, Fig. 2, A).

Corpus dilatatum. Antennae fulvous, coarsely granulated. Protopronotum with one pair of conical projections. Head beneath fulvous, venter on the sides paler.

Head with 3 pairs of long *Centroconemis formosana* n. sp. (Pl. XV, Fig. 2, A.)
Velinoides dilatatus n. sp. (Pl. XV, Fig. 2.)

Velinoides dilatatus var.

Velinoides dilatatus n. sp.

Type—Velinoides dilatatus var.

Head long and narrow on the occiput. Ocellar region somewhat longer than the postocular. Ocelli each other nearly equidistant from the eyes. Rostrum curved, 1st joint somewhat shorter than 2nd, 2nd and 3rd joint long, 4th joint only 1/2 as long as the ocellar region. Pronotum in the middle constricted, anterior half of the pronotum in the middle with a longitudinal furrow and on the sides nodulated. Posterior half coarsely granulated. Abdomen much broader than thorax, on the sides highly elevated. Anterior and middle femora indistinctly nodulated. No trace of both wings. Abdomen much broader than thorax, on the sides highly elevated. Anterior and middle femora indistinctly nodulated. No trace of both wings. Abdomen much broader than thorax, on the sides highly elevated. Anterior and middle femora indistinctly nodulated.

Type—Velinoides dilatatus var.

Fuscous, with short golden hairs and few long golden hairs. Head between the antennae and behind the ocelli somewhat granulated. Antennae brown, 1st joint black with long golden hairs, apex testaceous. Anterior and middle femora indistinctly nodulated. Pronotum in the middle constricted, anterior half of the pronotum in the middle with a longitudinal furrow and on the sides nodulated. Posterior half coarsely granulated. 4th joint at the apex testaceous. Pronotum in the middle constricted, anterior half of the pronotum in the middle with a longitudinal furrow and on the sides nodulated. Posterior half coarsely granulated. 4th joint at the apex testaceous.
Pirates' Payyavame Wait.

Hab.—Hokkaido, Honshu! quite rare.

Length—9 + 17 min.

apek tescon. The angle at the apices and base of tusks, claws tesconus. Abdomen oblong, broad. on the sides, keel-like elevated, half of pronotum not granulated, posterior half strongly granulated. Ablation of the wing.
新日本千種図解
昆虫学
上ノ地位
食蟲棒象科

體・暗褐色、触角橙黄色、第三及第四節卵細、少々褐色带、前足及口吻橙黄色、頭
二~金黄色、短毛多数
三、翅状部、突起後方々向
半翅橙黄色
三、翅
腹部兩側及腳橙黄色
前節左甚ダシク肥大
後肢基節ハ小

ハ黑色、前足
腹部ノ兩側
前足

ハ長方形フ

ハ、卵形ハ膨起シ、後足ハ稍々長方形
ハ、突起ハ長々

ハ、後足ハ
ハ、卵形ハ膨起シ、後足ハ稍々長方形
ハ、突起ハ長々

ハ、卵形ハ膨起シ、後足ハ稍々長方形
ハ、突起ハ長々

ハ、卵形ハ膨起シ、後足ハ稍々長方形
ハ、突起ハ長々

体

(227)
学名
Ectomocoris biguttulus Stål.

第十五图
(6)
(♀)

Pirates yayeyamae n. sp. (Pl. XV, Fig. 5, ♀).

Fuscos. Antennae foreheads, the sides of abdomen, hemelytra and legs orange yellow. Antennae at the apices somewhat infuscated. Head covered with fine short golden hairs. Pronotum and scutellum with very fine short fulvous hairs. Body beneath fuscos, venter being castaneous brown. Pronotum and scutellum covered with very fine short golden hairs. Pronotum and scutellum, the hind margin in the middle, a quadrate spot on the outer side of the cross vein, as well as the membrane black.

Hab.—Rikju, Yaye ami, Ido, one ♀ specimen collected by Mr. K. Kuriwai.
学名 Labidocoris insignis Dist.

分布 - 沖縄、台湾恒春、台中

(228) くろばあかさしがめ

昆虫學上之地位 - 食植性象科

第十五圖 (7) (3)

體 - 頭部、觸角、頭、口吻、前胸背、前半、胸下及足節暗黃色、稈狀部、半翅節前緣之線除及週

膜質部 - 黑色、觸角長、體背著同長、長毛多、前頭、上、稈狀部、中及中央凹陷

複眼 - 赤色、前胸背、前胸節ハ深赤色、半翅節、尾端ヨリнут短カシ、尾節ハ下面ハ褐色、前腿節ハウシク

分布 - 本州、新日本 千種圖解
昆虫学上ノ地位
食蟲科

学名
Ectrychotes andreae Thumb.

分布
北、沖縄、臺灣

（230）
いくちあかさしこめ

Ectrychotes iguchii Mats.

四節

（229）
あかへりるりさしこめ

昆虫学上ノ地位
食蟲科

体ハ黒色、腹節ノ大部ハ灰色、触角ハ體ノ半以上ニ達シ、第三節ハニ二副節、第四節ハ三副節ヨリ

中央ニ一縱溝ヲ具ヘ、後半ノ兩側ニ縦溝ヲ有スルコト前種ト異ナラズ、稜状部ノ末梢ニ下向セルニ

脛節ノ基部ハ赤褐色、歯状部ノ末梢ニ下向セルニ

爪ハ黄赤、體長（♀）五分

（106）
Ectrychotes haematogaster Burn.

Hab.—Hoshiu (Hara), one & specimen collected by Mr. S. Iguchi.

Length—9 mm.

Segment on all hind margins and the general segments black. Remora at apices and laral lesions.

Costa crimson red, membrane reaches the abdominal end. Vertex on each side with a broad longitudinal black stripe, each.

Costa crimson red, membrane reaches the abdominal end. Vertex on each side with a broad longitudinal black stripe, the.

Crimson red, Antennae head and legs fuscous brown. Antenome with the rostrum testaceous. Antenome at the tip.

Anteror part of head and the posterior testaceous. Antennae with the rostrum testaceous. Antennae with the.

Venter on each side with a broad longitudinal black stripe, each.

Ectrychotes iguchii n. sp. (P. Xv. Fig. 9.)

Length—6.5 mm.

Hab.—Hoshiu (Hara), one & specimen collected by Mr. S. Iguchi.
新日本千蟲圖解

昆虫學上ノ地位
食蟲椿象科

昆蟲學上ノ地位
食蟲椿象科

第十五圖

(11)

(232)

學名
Ectrychotes okinawensis Mats.

分 布
沖縄、臺灣、

分布

沖縄

(128)

繩及

台灣二産

(128)
Haematoloecha nigricollis Mats. sp. (P. XV fig. 12, p. 85).

Crimson red. Antennae, head, anterior lobe of pronotum, scutellum, rostrum and pectus black. Antennae with long brownish hairs. Head opaque, occelli ruby red. Rostrum at the apex testaceous. Lateral furrows. Pronotum punctured andfuscous. Scutellum in the middle with deep longitudinal furrows at the apex with a short, somewhat downwardly curved spine. Hemelytra fuscous, costa and base crimson red. Connexivum-segments each at the hind margin black, venter fuscous. Scutellum in the middle with deep longitudinal furrows. Legs fuscous brown; femora at the apex with a broad longitudinal stripe. Wings with the connexivum-spots. Length - 8.5 mm.

Hab. Honshu (Kyoto) one specimen collected by Mr. M. Suzuki.
昆虫学上の地位 食虫椿象科

学名 Sphedanolestes impressalis Stål.

第十五図(13)

(234) しまさしがめ

第十五図(14)

(235) なかぞろあかさしがめ

学名 Harpactor fuscipes F.

昆虫學上の地位 食虫椿象科

第十五図(14)

(235) なかぞろあかさしがめ

第十五図(14)

(235) なかぞろあかさしがめ

学名 Harpactor fuscipes F.

昆虫學上の地位 食虫椿象科

第十五図(14)

(235) なかぞろあかさしがめ

学名 Harpactor fuscipes F.

昆虫學上の地位 食虫椿象科

第十五図(14)

(235) なかぞろあかさしがめ

学名 Harpactor fuscipes F.
前半ノ前線ハ黄白、其後方ニ於ケル凹陷部ノ字形纹及び後線ハ黑色、後半ハ黑色、兩側及び後線

(236) あかへりさしがめ
学名 Harpactor ornatus Uhl

第十五圖 (15)
(♀)

昆蟲學上ノ地位： overwhelmed
食蟲椿象科

小波狀ノ斜紋多シ、第口吻節ノ末梢ハ少シク黄褐、頭長 (♀四分之一五分、此ハ本州＝稀ナラズ、

(237) せうすさしがめ
学名 Harpactor flavinotum Mats.

第十五圖 (16)
(♀)

黒色、触角末端ハ暗褐、唇腺前ノ一點、頭下、咽頭、前胸背前半ノ兩側、前胸背＝後半、胸
Harpaclor flavinotum n. sp. (P. X, Fig. 16, 4.)

Hab.—Formosa (Shihhia, Cyochi), 4 specimens collected by the author.

Length—12 mm.

Antennae somewhat shorter than body, at the apices fuscous, at the bases each with a fuscous spot, the apices yellowish, the fuscous part being provided with 2 or 3 fuscous pieces. Coloration entirely fuscous, anterior and middle each side with a long transversal fuscous band, which becomes larger towards the end. Lemes fuscous, anterior and middle exceeding the end of abdomen. The 4th and 5th connexivum-segments in the middle black, the 6th fuscous, ventral segments on connexivum glabrous, v-shaped ridge very distinct. Hemelytra fuscous, membrane subhyaline, suffused with fuscous, much exceeding the end of abdomen. Hemelytra fuscous, membrane subhyaline, suffused with fuscous, much exceeding the end of abdomen. Head brownish, posterior half scattered with very minute brownish punctures.

Harpactor flavinotum n. sp. (P. X, Fig. 16, 4.)

Head somewhat shorter than body, at the apices fuscous, A small longitudinal spot between the ocelli.

Length—12 mm.

Scutellum glabrous, v-shaped ridge very distinct. Hemelytra fuscous, membrane subhyaline, suffused with fuscous, much exceeding the end of abdomen. Head brownish, posterior half scattered with very minute brownish punctures.

Legs fuscous, anterior and middle femora except the apices fulvous, the fulvous part being provided with 2 or 3 fuscous patches; coxae each with a fuscous spot, the apices yellowish, the fuscous part being provided with 2 or 3 fuscous pieces. Coloration entirely fuscous, anterior and middle exceeding the end of abdomen. The 4th and 5th connexivum-segments in the middle black, the 6th fuscous, ventral segments on connexivum glabrous, v-shaped ridge very distinct. Hemelytra fuscous, membrane subhyaline, suffused with fuscous, much exceeding the end of abdomen. Head brownish, posterior half scattered with very minute brownish punctures.

Antennae somewhat shorter than body, at the apices fuscous, at the bases each with a fuscous spot, the apices yellowish, the fuscous part being provided with 2 or 3 fuscous pieces. Coloration entirely fuscous, anterior and middle exceeding the end of abdomen. The 4th and 5th connexivum-segments in the middle black, the 6th fuscous, ventral segments on connexivum glabrous, v-shaped ridge very distinct. Hemelytra fuscous, membrane subhyaline, suffused with fuscous, much exceeding the end of abdomen.

Length—12 mm.

Hab.—Formosa (Shihhia, Cyochi), 4 specimens collected by the author.
昆虫学上ノ地位
食蟲椿象科

體ハ黒色、觸角ハ體ノ半以上ニ達シ、第一節ハ長ク、稍々同距離ニ二個ノ黄色部ヲリテ同節ヲ三等

分布　本州、九州

學名　Isyndus obscurus Stål.

第十五図
（18）

（239）おはこびささがめ

分周ノノ地位
食蟲椿象科

體ハ褐色、黄褐ノ短毛多シ、觸角ハ體ト同長、第二節ノ基部、第三節ノ二端及ビ第四節ノ末端ハ黄

頭頂ハ黒色、前胸背前半ノ二側ニ一缺状突起アル、後半ノ稍々五角形ヲ呈ジ、後縁ノ兩側ニ低

側ハ甚ダ sik 化起シ、各接合際節ノ後縁ノ細々ノ黄色、口吻及ビ體下ハ黄褐、腹面ノ兩側ニ暗褐ノ一

新日本千種図解
Eugenoides (n. g.)

Closely allied to Eugenoides Burn., but differs as follows:

Antennae on the anterior part of head, somewhat shorter than body, behind the antennae without tuberculation; first joint of antennae as long as the beak, pronotum and scutellum together, and short and only a of the 3rd, 4th somewhat longer.
Rostrum than 3rd. Head broader towards the apex nearly triangular, occelli just in the middle of the head, much elevated.

Robust. 2nd joint somewhat longer than 1st. 3rd very short. Broadest at the apex of the 2nd. Pronotum glabrous, impunctured, anterior lobe in the middle roundly excavated, posterior lobe on the sides distinctly grooved. Hemelytra distinctly longer than abdomen, membrane with a broad twice biforked longitudinal vein and numerous minute longitudinal veinlets. Legs slender and long. Femora like Velinus St.-U., nodulated.

Type—Euagoroides coccineus Mats.

Body carmine red, shining. Head and legs shining black. Antennae fuscous, at the basis black. Rostrum pitchy brown at the apex reddish brown. Posterior part of the neck reddish yellow. Hemelytra carmine red, membrane dark indigo blue at the apex subhyaline, somewhat suffused with brown. Body beneath and coxae carmine red. Femora with many low tubercles, tibiae and tarsi fuscous with few erect fuscous hairs.

Hab.—Formosa (Tainan), 3 specimens collected by Mr. M. Ishida and the author.

Length—7 mm.

Numerous minute longitudinal veinlets. Legs slender and long. Femora like Velinus St.-U., nodulated. Head broader towards the apex, nearly triangular, occelli just in the middle of the head, much elevated.
Body pale yellow. Antennae somewhat longer than body and antenniferous process on the outer side fuscous; on the apex as well as 3rd and 4th fulvous. Rostrum at the base each side with a fuscous spot.

Head beneath a middle stripe of occiput and a middle stripe at the anterior and posterior margin of pronotum. 3 narrow stripes in the middle of the same fuscous. A spot behind the eye grayish. Scutellum in the middle fuscous near the apex each side with a small pale yellowish spot.

Hemelytra very short, only reaching the end of first abdominal segment, in the middle with an indistinct brownish spot. A spot behind the eye fuscous. Scutellum in the middle fuscous, near the apex each side with a small pale yellowish spot. A spot behind the eye grayish. Scutellum in the middle fuscous near the apex each side with a small pale yellowish spot.

Nabis (Reduvius) applicans n. sp. (Pl. XV, Fig. 22, 4).
A reddish spot. Pectus on the sides fuscous spotted. Venter tuscous at the base and apex yellowish. The latter on the sides with a small reddish spot. Legs pale yellowish. Anterior coxae at the basis fuscous, anterior femora scattered with fuscous spots and short streaks, middle and posterior femora at the apices fuscous. Middle and posterior tibiae at the apices brownish. Anterior tibiae with a small reddish spot. Vertex tuscous, at the base and apex pale yellowish. Length 6 mm.

Hab. Honshu (Nagano), one & & & & 4 specimens in my collection.
Corbis suzukii n. sp. (Pli., XV, Fig. 24, 4.)

Reddish brown. Antennae yellow, much longer than body, and joint at the apex fuscous. Middle part of pronotum somewhat globular in the middle with a narrow longitudinal furrow, posterior part coarsely punctured. Scutellum reddish somewhat globular, in the middle with a narrow longitudinal furrow, posterior part coarsely punctured. Scutellum reddish yellow. Hemelytra reddish brown, the middle and apical part of costa narrowly (O5COU5 membrane somewhat exceeding the middle part of pronotum.

Corbis suzukii n. sp. (Pli., XV, Fig. 24, 4.)
学名 Lygus saundersii Reut.

第十五圖 (25) (♀)

学名 Calocoris rubrivittata Mats.

(246) ま Drugs of くらがめ

昆虫学上ノ地位 盲椿象科 (Capitidae)

體ハ暗褐色、第一顎角節ハ黄褐色＝シテ、其外側＝暗色ノ一線条ヲリ、頭ノ両側＝黄紋ヲ列、前胸背

=粗大ノ點刺多シ、前胸背ノ前緣＝ニ二紋及＝後緣ハ黃褐色、中央ノ一線線ハ黄色、此線ハ稜狀部ノ末端ハ

=暗褐色、卵状節ノ基部紋、末端紋及＝足節端＝暗褐色、體長 (♀) 一分五厘、此ハ本邦何レノ地＝モ

通ナリ、撮影科及＝菊科植物花上＝捕獲シ得ベシ、

分布＝北海道、本州、西比列亚、

(247) あかすじめくらがめ

昆虫学上ノ地位 盲椿象科

體＝黄色、少シク緑色ヲ帯＝黄白色＝短毛多シ、頭部＝赤褐色、末端＝少シク淡色、前頭＝赤褐色ノ二

Length 8.5 mm. ～ 8.3 mm. ～ Honshu (Kyoto), 2 ♀ specimens collected by Mr. M. Suzuki.
Pale yellow with a slight greenish tinge covered with minute pale yellowish hairs. Antennae much longer than body.

reddish brown at the apices. Frons with 2 longitudinal oblong reddish yellow spots. Pronotum minutely punctured with 2 towards the base reddish brown stripes, which becoming broader at the hind margin.

reddish brown at the base reddish yellow. Clavus along the scutellum and the suture reddish brown; membra subhyaline fuscous suffused veins reddish.

reddish brown except both ends pale yellowish, part at the apices fuscous.

Hab.-Honsu (Kyoto), a specimen collected by Mr. M. Suzuki.

Length-5 mm.
Atractotomus rubrolineatus n. sp. (Pl. XV, Fig. 27).

Black. Antenniferous process and the sides of eyes and the posterior part of head testaceous. Proanotum and the sides on the sides of the veins of membrane fuscous. Antennae somewhat shorter than body, 1st and 2nd robust, 2nd and 3rd very short and narrow. Head and the anterior part of pronotum glabrous. Scutum transversely wrinkled, 3 longitudinal stripes (not reaching the anterior margin) and a spot on the middle of costa and cuneus fuscous.

Body beneath and legs black, middle and posterior acetabulum each with a reddish brown spot. Pronotum of head, process, the inner sides of eyes and the posterior part of head testaceous, base and the posterior part of pronotum strongly punctured.
学名：Dinorhynchus dybowskij Jak.

体の金緑色、体下及足部灰黄、頭大ノ點刻多シ、触角暗褐。
第二及三節ノ翅脈ハ黄褐、頭ノ周線、外片(250)ノ内線、前胸背ノ周線及々角状
紅色、氣門點ハ黒色、脛節内側ノ中央ニ一锐齒アリ、體長(♀)7分ノ7分五厘、此ハ東京中野地方

(249) あさくちぶこがめ

昆蟲學上ノ地位：椿象科

第十五図 (29)

(♀)

第十五図 (28)

(♀)

分布：日本、西比利亜、
新日本千蟲圖解
新日本千蟲圖解卷之壹終
第十一図 (PLATE XI.)

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<td>Ranatra maculipes Mats.</td>
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<td>Aphelocheirus nawaes Mats.</td>
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<td>Notonecta bivittata Mats.</td>
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<td>Enithares formosanus Mats.</td>
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<td>Coptosoma japonicum Mats.</td>
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<td>3.</td>
<td>Cantao ocellatus Thunb.</td>
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<td>4.</td>
<td>Lamprocoris giranensis Mats.</td>
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<td>5.</td>
<td>Lamprocoris myakoensis Mats.</td>
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<td>6.</td>
<td>Poecilocoris watanabei Mats.</td>
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<td>7.</td>
<td>Poecilocoris lewisi Dist.</td>
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<td>8.</td>
<td>Poecilocoris 15-guttatus Mats.</td>
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<td>9.</td>
<td>Chrysophara formosana Mats.</td>
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<td>10.</td>
<td>Chrysophara stolli Wolf.</td>
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<td>11.</td>
<td>Chrysophara excellens Burm.</td>
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<td>12.</td>
<td>Epicoleotichus borealis Dist.</td>
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<td>Alcimus borealis Dist.</td>
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<td>Cazira ulcerata H. S.</td>
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<td>Podops tarsalis Voll.</td>
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<td>Eysarcoris lewisi Dist.</td>
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<td>Eysarcoris melanocephalus F.</td>
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<td>Starioides iwasakii Mats.</td>
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<td>Agonoscelis nubila F.</td>
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<td>Sehirus niveimarginatus Scott.</td>
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<td>Adrisa magna Uhli.</td>
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<td>Aspongopus chinensis Dall.</td>
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<td>Plautia stali Scott.</td>
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<td>27.</td>
<td>Menida histrio F.</td>
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<td>Rhyncochoris humeralis Thunb.</td>
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<td>Yemma exilis Horv.</td>
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<td>Antilochus coqueberti F.</td>
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<td>Emesa mercida Uhl.</td>
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<td>Orthunaga bivittata Uhl.</td>
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<td>Oncocephalus notatus Klug.</td>
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<td>Acanthodesma perarmatum Uhl.</td>
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<td>Metatiarodes maculatus Mats.</td>
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<td>Metatiarodes apicals Mats.</td>
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<td>Lygus Saundersi Reut.</td>
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<td>26.</td>
<td>Calocoris rubroviattata Mats.</td>
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<td>27.</td>
<td>Atractotomus rubrolineatus Mats.</td>
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<td>28.</td>
<td>Dinorhyncus dybowskyi Jak.</td>
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<td>29.</td>
<td>Tropicoris ruipes L.</td>
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