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A REVISIONAL NOTE ON THE TYPE SPECIMENS OF  
JAPANESE CHRYSOMELIDAE PRESERVED IN  
THE MUSEUMS OF EUROPE AND  
THE UNITED STATES. II<sup>1,2</sup>

By Shinsaku Kimoto

*Hikosan Biological Laboratory, Faculty of Agriculture  
Kyushu University, Hikosan, Fukuoka*

Subfamily Synetinae

*Syneta adamsi* Baly (BM: type).

Subfamily Chrysomelinae

*Agrosteomela indica* (Hope) (BM: type).

*Chrysolina exanthematica* Wiedem. (ZMB: type), *japana* (Baly) (BM: type), *nikkoensis* (Jacoby) (BM: type; MCZ: cotype), *virgata* (Motschulsky) (BM: cotype), *obscurofasciata* (Jacoby) (BM: cotype).

*Gastrolina depressa* Baly (BM: type), *thoracica* Baly (BM: type), *japana* Jacoby (BM: type; MCZ: cotype).

*Gastrolinoides japonica* (Harold) (ZMB: type).

*Gonioctena (Brachyphytodecta) rubripennis* Baly (BM: type); *G. (Sinomela) nigroplagiata* Baly (BM: type), *robusta* (Jacoby) (BM: type; MCZ: cotype).

*Phaedon brassicae* Baly (BM: type), *incertum* Baly (BM: type).

*Plagioderia distincta* Baly (BM: type).

*Potaninia cyrtonoides* (Jacoby) (BM: type).

30. *Chrysolina aeruginosa* (Falderman, 1835)

=*Chrysomela geminata*: Jacoby, 1885 (Japan: Hakodate).

=*Chrysomela (Hyperacia) pseudogeminata* Bechyně, 1950 (Japan: Kyoto, Innai in N. Hondo).

=*Chrysolina aeruginosa*: Chûjô and Kimoto, 1960 (Japan).

This species is rather widely distributed in N. China, Manchuria and Siberia and extensively variable in size and sculpture of dorsal surface. In the collection of the British Mus. (N. H.), the following two specimens are preserved. These two specimens belong to *instructa* type.

1 ex., Hakodate, Japan, G. Lewis, 1910-320.

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31. On *Gastrolina* spp.

i) *Gastrolina depressa* Baly, 1859

=*Gastrolina thoracica* Baly, 1864.

ii) *Gastrolina peltoides* (Gebler, 1832)

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=*Gastrolina japana* Jacoby, 1885.

As already reported by Chûjô & Kimoto (1961), *G. depressa* has been wrongly supposed as a synonym of *peltoides* but is the same species as *thoracica*. A black pronotal marking in *thoracica* is variable and in many cases disappeared, especially in the Chinese specimens.

32. **Gonioctena (Sinomela) nigroplagiata** Baly, 1862

=*Phytodecta robusta* Jacoby, 1885

As a result of Jacoby's misidentification of *nigroplagiata*, he described true *nigroplagiata* as another species, *P. robusta*.

33. **Gonioctena (Gonioctena) takahashii** Kimoto, 1963

=*Phytodecta nigroplagiata*: Jacoby, 1885, Zool. Soc. Lond., Proc. 1885: 210 (Japan) (in part ?).

34. **Timarcha tenebricosa** Fabricius

In the collection of the British Mus. (N. H.), one specimen labelled as "Japan?" is preserved but this is not the Lewis' collection. There is another one specimen labelled as "Lewis collection, 1914-145" but there is no locality citation. I could not find any other specimens which were proved certainly as the Japanese specimen. I strongly doubt the record of the species from Japan.

Subfamily Galerucinae

*Apophyllia elongata* Jac. (BM: type; MCZ: cotype), *viridipennis* (Jacoby) (BM: type; MCZ: cotype).

*Aulacophora lewisii* Baly (BM: type), *cattigarensis* (Weise) (ZMB: type).

*Calomicrus cyaneus* (Jacoby) (MCZ: cotype).

*Cerophysa tibialis* Jacoby (BM: type; MCZ: cotype).

*Cerophysella basalis* (Baly) (BM: type; MCZ: cotype).

*Clerotilia flavomarginata* Jacoby (MCZ: cotype).

*Clitena fuscipennis* Jacoby (BM: type), *seminigra* Jacoby (BM: type).

*Euliroetis abdominalis* (Baly) (BM: type), *nigripes* (Baly) (BM: type), *ornata* (Baly) (BM: type).

*Fleutiauxia armata* (Baly) (BM: type).

*Formosogalerucella brevithorax* Pic, with var. *japonica* Pic (PARIS: type).

*Galeruca banghaasi* Weise (ZMB: type).

*Gallerucella (Xanthogaleruca) nigromarginata* Jacoby (BM: type; MCZ: cotype).

*Galerucida melanocephala* (Jacoby) (BM: type; MCZ: cotype), *intermedia* (Jacoby) (BM: type), *lewisi* Jacoby (BM: type).

*Haplosomoides costata* (Baly) (BM: type).

*Hesperomorpha hirsuta* (Jacoby) (BM: type; MCZ: cotype).

*Hydrogaleruca nipponensis* (Laboissière) (cotype: BM; not in PARIS).

*Japonitata nigrita* (Jacoby) (BM: type; MCZ: cotype).

*Liroetis coeruleipennis* Weise (ZMB: type).

*Monolepta apicipennis* Jacoby (MCZ: cotype), *M. fulvicollis* Jacoby (BM: type),

*hieroglyphica biarcuata* Weise (ZMB: type).

*Morphosphaera japonica* (Baly) (BM: type).

*Oides bowringii* (Baly) (BM: type).

*Pyrrhalta annulicornis* (Baly) (BM: type).

*Semacia* (*Semacia*) *nipponensis* Laboissière (PARIS: type).

*Stenoluperus bicarinatus* (Weise) (ZMB: type), *longicornis* (Jacoby) (MCZ; cotype: BM: type).

*Tricholochmaea semifulva* (Jacoby) (MCZ: cotype; BM: type), *modesta* (Jacoby) (BM: type; MCZ: cotype).

35. **Arthrotus niger** Motschulsky, 1857

=*Arthrotus variabilis* Baly, 1874

=*Luperodes suzukii* Matsumura, 1934

I could not find the type of *variabilis* Baly in London. However, it is certain that *Luperodes suzukii* Matsumura is a synonym of *A. niger*.

36. **Calomicrus cyaneus** (Jacoby, 1885)

=*Luperus* (*Calomicrus*) *japonicus* Fleischer, 1916

*Calomicrus cyaneus* was originally described as a member *Monolepta*. According to my study on the type, it was proved that *cyaneus* was a member of *Calomicrus*. I could not find the type of *japonicus*. However, the species which has been identified as *japonicus* is identical with *cyaneus*.

37. **Triaplatarthris brevithorax** (Pic)

=*Formosogalerucella brevithorax* Pic var. *japonica* Pic, 1929.

The type of *F. brevithorax* Pic var. *japonica* is labelled as "Kioto, Japan" but this must be the Formosan specimen. I could not find any distinct differences from the type of the nominate form.

38. **Galerucella nipponensis** (Laboissière, 1922)

=*Galeruca sagittariae*: Baly, 1874, Ent. Soc. Lond., Trans. 1874: 178 (Japan: Hiogo).

1 ex., Hiogo; 2 exs., Kobe (G. Lewis leg.).

Those specimens which are preserved in the collection of the British Mus. (N. H.) should be identified as *nipponensis* Laboissière, but not *sagittariae* Gyllenh. To a single specimen from Hiogo is attached an indentify label written by Baly.

39. **Galerucella vittaticollis** (Baly, 1874)

=*Galeruca distincta* Baly, 1874

These two species are nothing but a variation within the same species. However, types of these two species were not found in London.

40. **Pyrrhalta humeralis** (Chen, 1942)

=*Galeruca maculicollis*: Baly, 1874, Ent. Soc. Lond., Trans. 1874: 177 (Japan: Nagasaki).

In the collection of the British Mus. (N. H.), there are 11 specimens of this species. Among them one specimen is labelled as *maculicollis* by Baly.

41. **Semacia** (**Semacia**) **angulicollis** (Motschulsky, 1853)

=*Semacia nipponensis* Laboissière, 1930

*Semacia nipponensis* is no doubt a synonym of *angulicollis* Motschulsky.

42. *Stenoluperus bicarinatus* (Weise, 1889)

It has been overlooked that this species is not a species of *Luperus* but of *Stenoluperus*.

43. *Stenoluperus cyaneus* (Baly, 1874)

It has been overlooked that this species is not a species of *Arthrotus* but of *Stenoluperus*. I could not find the type of the species. However, there is a specimen identified as *Arthrotus cyaneus* by Baly in the collection of the British Mus. (N. H.). Ogloblin (1963) erroneously synonymized this species as *Arthrotus chinensis* Weise.

## Subfamily Alticinae

*Altica caerulescens* (Baly) (BM: type), *latericosta* (Jacoby) (BM: type; MCZ: cotypes), *viridicyanea* (Baly) (BM: type).

*Amphimeloides bistrispunctata* Chen (PARIS: type).

*Aphthona foudrasi* Jacoby (BM: type; MCZ: cotype), *pygmaea* Baly (BM: type), *semiviridis* Jacoby (BM: type; MCZ: cotypes), *varipes* Jacoby (MCZ: type), *strigosa* Baly (BM: type).

*Aphthonaltica angustata* (Baly) (BM: type).

*Aphthonoides beccarii* Jacoby (MCZ: cotype).

*Aphthonomorpha collaris* (Baly) (BM: type), *parvula* (Baly) (BM: type).

*Argopistes undecimmaculatus* Jacoby (BM: type; MCZ: cotype), *coccinelloides* Baly (BM: type), *unicolor* Jacoby (BM: type; MCZ: cotype).

*Argopus balyi* Harold (BM: type), *clarki* Jacoby (BM: type), *clypeatus* Baly (BM: type), *nigripennis* Jacoby (BM: type), *orientalis* Baly (BM: type), *unicolor* Jacoby (BM: type).

*Chaetocnema* (*Chaetocnema*) *aurifrons* Jacoby (BM: type; MCZ: cotype), *concinnicollis* (Baly) (BM: type), *cylindrica* (Baly) (BM: type), *japonica* Jacoby (BM: type; MCZ: cotype), *fulvipes* Jacoby (BM: type), *ingenua* Baly (BM: type); *C. (Tlanoma) basalis* (Baly) (BM: type), *discreta* (Baly) (BM: type), *chaliceola* Jacoby (BM: type; MCZ: cotype), *granulosa* (Baly) (BM: type).

*Chalcoides japonicus* (Baly) (BM: type).

*Crepidodera acuminata* Jacoby (BM: type), *laevicollis* Jacoby (BM: type; MCZ: cotype).

*Dibolia japonica* Chen (PARIS: type).

*Hemipyxis flavolimbata* (Jacoby) (BM: type; MCZ: cotype), *flavipennis* (Baly) (BM: type).

*Hermaeophaga adamsii* Baly (BM: type).

*Hyphasoma inconstans* (Jacoby) (BM: type; MCZ: cotypes).

*Lipromela minutissima* (Pic) (PARIS: type), *costata* Chen (PARIS: type).

*Lipromima minuta* (Jacoby) (BM: type; MCZ: cotype).

*Liprus japonica* (Jacoby) (BM: type; MCZ: cotype).

*Longitarsus adamsii* (Baly) (BM: type), *amiculus* (Baly) (BM: type), *bimaculatus* (Baly) (BM: type), *inconspicua* (Baly) (BM: type), *haemorrhoidalis* Jacoby (BM: type; MCZ: cotypes), *lewisii* (Baly) (BM: type), *nitidus* Jacoby (BM: type; MCZ: cotype), *orientalis* Jacoby (BM: type; MCZ: cotypes), *quadraticollis* Jacoby (BM: type; MCZ: cotypes).

*Luperomorpha funesta* (Baly) (BM: type), *collaris* (Baly) (BM: type), *pryeri* (Baly) (BM: type), *tenebrosa* (Jacoby) (BM: type; MCZ: cotype).

*Lythraria nitidicollis* Motsch. (BM: cotype).

*Manobia lewisi* Jacoby (BM: type; MCZ: cotypes).

*Mantura fulvipes* Jacoby (BM: type; MCZ: cotype), *japonica* Jacoby (BM: type; MCZ: cotype).

*Minota nigropicea* (Baly: type).

*Nonarthra cyaneum* Baly (BM: type), *fulvum* Baly (BM: type), *tibiale* Jacoby (BM: type; MCZ: cotype).

*Ochrosis (Neocrepidodera) recticollis* (Jacoby) (BM: type; MCZ: cotype).

*Oedionychus (Philopona) japonicus* (Baly) (BM: type).

*Ogloblinia flavicornis* (Baly: type), *picipes* (Baly) (BM: type).

*Phygasia fulvipennis* (Baly) (BM: type).

*Phyllotreta rectilineata* Chen (PARIS: type).

*Pseudodera xanthospila* Baly (BM: type), *bimaculata* Jacoby (BM: type).

*Pseudoliprus hirtus* (Baly) (BM: type), *nigritus* (Jacoby) (BM: type; MCZ: cotype), *suturalis* (Jacoby) (BM: type).

*Psylliodes (Psylliodes) angusticollis* Baly (BM: type), *japonica* Jacoby (BM: type; MCZ: cotype), *cucurbitae* Gressitt (BISHOP: type), *difficilis* Baly (BM: type), *punctifrons* Baly (BM: type), *subrugosa* Jacoby (BM: type), *intermedia* Jacoby (BM: type).

*Sangariola multicostata* (Jacoby) (BM: type; MCZ: cotype), *regularis* (Pic) (PARIS: type).

*Sphaeroderma apicale* Baly (BM: type), *balyi* Jacoby (BM: type; MCZ: cotype), *atrum* Jacoby (BM: type; MCZ: cotypes), *fuscicorne* Baly (BM: type), *japanum* Baly (BM: type), *nigricolle* Jacoby (BM: type; MCZ: cotype), *abdominalis* Jacoby (BM: type; MCZ: cotype), *separatum* Baly (BM: type), *seriatum* Baly (BM: type), *tarsatum* Baly (BM: type),

*Trachyaphthona sordida* (Baly) (BM: type; MCZ: cotypes).

*Zipangia lewisi* (Jacoby) (BM: type; MCZ: cotypes), *obscura* (Jacoby) (BM: type; MCZ: cotype).

#### 44. *Argopistes tsekooni* Chen

=*Argopistes biplagiatus*: Baly, 1874, Ent. Soc. Lond., Trans. 1874: 202 (Nagasaki).

According to my study on the collection of Chrysomelidae preserved in the British Mus. (N. H.), the specimens identified as *biplagiatus* by Baly should be corrected as *tsekooni* Chen.

#### 45. *Argopus punctipennis* (Motschulsky, 1866)

=*Argopus orientalis* Baly, 1874

=*Sphaeroderma unicolor* Jacoby, 1885 (nec Motschulsky, 1860)

*Sphaeroderma unicolor* must be transferred to *Argopus*, in having the anterior margin of clypeus minutely but distinctly notched and is at the same time a synonym of *punctipennis* Motschulsky. Further, *orientalis* Baly is a synonym of *punctipennis*.

#### 46. Notes on some species belonging to *Chaetocnema*.

i) *Chaetocnema (Tlanoma) discreta* (Baly, 1877)

=*Chaetocnema chalceola* Jacoby, 1885

The type series of *chalceola* contains both *chalceola* Jacoby and *lewisii* Chûjô. For the stability of the scientific name, I would like to recognize that *chalceola* and *discreta* are the same species but *chalceola* and *lewisii* are different ones.

ii) *Chaetocnema (Tlanoma) concinna* (Marshall, 1802)

=*Chaetocnema (Tlanoma) lewisii* Chûjô, 1942

As treated by Gressitt & Kimoto (1963), *C. lewisii* is a synonym of *concinna* (Marshall). The type of *concinna* is not separable from *lewisii* Chûjô in any characters.

iii) *Chaetocnema (Chaetocnema) ingenua* (Baly, 1876)

=*Chaetocnema aurifrons* Jacoby, 1885

=*Chaetocnema japonica* Jacoby, 1885

=*Chaetocnema fulvipes* Jacoby, 1885

As treated by Gressitt & Kimoto (1963), these four species are the same one. *C. aurifrons*, *japonica* and *fulvipes* were described from Japan and merely color variations, viz. cupreous, greenish blue or blue. Such color variation also occurs in *C. concinnicollis* Baly.

47. *Crepidodera acuminata* Jacoby, 1885

=*Crepidodera laevicollis* Jacoby, 1885

These two names were given against the different sexes of the same species by Jacoby. The former is the male and the latter is the female specimens, both described by only a single specimen.

48. *Lipromela minutissima* (Pic, 1923)

=*Lipromela costata* Chen, 1933

No one has noticed that the species described under the name of *Lema minutissima* by Pic is not a member of the Subfamily Criocerinae but of the Subfamily Alticinae. Unfortunately, *Lipromela costata* Chen is to be treated as a synonym of *minutissima* Pic.

49. *Longitarsus lewisii* (Baly, 1874)

=*Longitarsus lycopi*: Jacoby, 1885, Zool. Soc. Lond., Proc. 1885: 729 (Japan: Tisc?).

1 ex., Miya, Japan, G. Lewis, 1910-320.

This specimen is preserved in the collection of the British Mus. (N. H.). This specimen was identified by Jacoby as *L. lycopi* Foudr. Also in the collection of the Museum of Comparative Zoology, Harvard University, another Japanese specimen is preserved and identified as *lycopi* by Jacoby.

50. *Mantura clavareau* Heikertinger, 1912

=*Mantura rustica*: Baly, 1874, Ent. Soc. Lond., Trans. 1874: 196 (Japan).

2 exs., "Japan, G. Lewis, 1910-320".

In the collection of the British Mus. (N. H.), above mentioned specimens are preserved. These are identified by Baly as *rustica*.

51. *Manobia lewisii* Jacoby, 1885

=*Manobia formosana*: Kimoto, 1957, Kontyû 25 (2): 55 (Cape Sata).

In the original description. Jacoby described this species as "Thorax.....converging from base to apex". According to my study on the type series, "converging" should

be emended as "diverging". On the other hand, Chûjô described a species, *M. formosana*, closely related to *M. lewisii*. Unless verification of the type is performed, it would be almost impossible to decide the status of *formosana* Chûjô.

52. *Minota nigropicea* (Baly, 1874)

=*Apteropeda japonica* Chûjô, 1951

Chûjô (1951) gave several characters separating *japonica* from *nigropicea* in his original description. However, I could not find any such differences between the types of *nigropicea* and *japonica*.

53. *Nonarthra cyaneum* Baly, 1874

=*Nonarthra fulvum* Baly, 1874

The type of *fulvum* is nothing but a teneral specimen of *cyaneum* Baly.

54. *Phyllotreta rectilineata* Chen, 1939

=*Phyllotreta chinensis* Heikertinger fa. *shirahatai* Madar, 1959.

I could not find any different characters between the Japanese and S. Chinese specimens. As treated by Heikertinger (1950), *P. chinensis* Hktg. is a synonym of *rectilineata* Chen.

55. *Pseudodera xanthospila* Baly, 1862

=*Crepidodera bimaculata* Jacoby, 1885

The type of *Crepidodera bimaculata* is merely a smaller and teneral specimen of *xanthospila*.

56. *Psylliodes subrugosa* Jacoby, 1885

=*Psylliodes intermedia* Jacoby, 1885

=*Psylliodes mitchyi* Chûjô, 1951

I could not find any distinct differences between *subrugosa* and *intermedia*. The type of *subrugosa* is rather a teneral specimen. The type of *intermedia* is slightly different from *subrugosa* in having weaker punctation impressed on vertex and slightly wrinkled surface of vertex. *P. mitchyi* is also a synonym of *subrugosa*.

Subfamily Hispinae

*Dactylispa higoniae* (Lewis) (BM: type), *japonica* (Baly) (BM: type), *subquadrata* Baly (BM: type).

*Hispellinus moerens* (Baly) (BM: type).

Subfamily Cassidinae

*Cassida* (*Alledoya*) *vespertina* Boheman (BM: type), *C.* (*Odontionycha*) *erudita* Baly (BM: type).

*Glyphocassis spilota* (Gorham) (BM: type)

57. *Cassida* (*Odontionycha*) *erudita* Baly, 1874

=*Cassida* (*Odontionycha*) *viridis* subsp. *japonica* Yasutomi, 1952.

Though *C. erudita* has been considered as a synonym of *C. rubiginosa*, this species is an independent species. On the other hand, *C. viridis japonica* Yasutomi is a synonym of *erudita* Baly.