

Studies in the East Palaearctic species of the genus *Agrilus* (Coleoptera: Buprestidae) Part II.

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Abstract. Second of a series about the East Palaearctic species of the genus *Agrilus* (Coleoptera, Buprestidae). One new subspecies *A. pekinensis accolai* ssp.n. is described, *A. alazon* LEWIS is recognised as a subspecies of *A. decoloratus* KERREMANS, twenty new synonymies are established, six species are recorded for the first time from new territory, and lectotypes are designated from study of type material.

Key words: Buprestidae, *Agrilus*, taxonomy, lectotype designations, East Palaearctic, new records.

Introduction

This paper is the second part (see JENDEK 1994) of a projected series of taxonomic works on species of the genus *Agrilus* from the East Palaearctic region.

Although *A. obnotatus* KERREMANS should be more properly assigned to the Oriental fauna it is included in this work as it may be found in the very poorly known northern and central parts of China.

My note "(teste Author year: page)" in the list of synonymies means, that I have not studied type material of this taxon. Only publications with nomenclatural changes are listed for each species.

Abbreviations and Acknowledgements

The examined material is deposited in the following collections (abbreviations refer to collections in the text):

BML	The Natural History Museum, London, (M. Kerley), England
CBW	Collectio W. Barries, Wien, Austria
CJB	Collectio E. Jendek, Bratislava, Slovakia
CKB	Collectio V. Kubáň, Brno, Czech Republic
CKCB	Collectio Z. Kletečka, České Budejovice, Czech Republic
CKS	Collectio E. Kučera, Soběslav, Czech Republic
CMM	Collectio H. Mühle, München, Germany
CNA	Collectio M. Niehuis, Albersweiler, Germany
CPE	Collectio A. Pütz, Eisenhüttestadt, Germany
MHNP	Muséum national d'Histoire naturelle, Paris (J. Menier), France
NMP	Národní Museum Praha (S. Bílý), Czech Republic
TMB	Természettudományi Múzeum, Budapest (O. Merkl), Hungary
ZIL	Zoological Institute Academy of Sciences St. Petersburg (M. Volkovitsh), Russia

The backslash (\) is used to indicate data from separate labels, quotation marks (" ") indicate the original citation. My comments in the text are in square brackets with abbreviations: (h) handwritten, (p) printed.

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***Agrilus moerens* SAUNDERS, 1873**

Agrilus moerens SAUNDERS, 1873: 517.
Agrilus rotundicollis SAUNDERS, 1873: 517–518. (**syn. nov.**)
Agrilus mandjuricus OBENBERGER, 1922: 23–24.
Agrilus mandjuricus ab. *vladvostokanus* OBENBERGER, 1922: 24.
Agrilus marinus OBENBERGER, 1922: 24–25.
Agrilus vladvostokanus OBENBERGER: OBENBERGER, 1924: 46–47.
Agrilus paphius THÉRY, 1942: 268–270. (teste OBENBERGER, 1943: 10.)
Agrilus vladvostocanus [sic!] OBENBERGER: ALEXEEV, 1979: 129.

Type locality: “Japan” (SAUNDERS 1873); no precise data known.

Type specimens: Lectotype ♂ [BML], here designated: “Type H.T. [p] [round label with red border] \ Japan. G. Lewis 1910–320 [p] \ Moerens ES [by Saunders hand] \ *Agrilus moerens* E.S. Type [by Lewis hand] \ LECTOTYPE *AGRILUS moerens* SAUND. 1873 Ed. Jendek design. 1994 [p] [red label]”.

Synonyms: *Agrilus rotundicollis* was examined in the first part of this studies (JENDEK 1994). At that time, the type of *A. moerens* was not available to me. The study of the lectotype of *A. moerens* revealed its conspecificity with *A. rotundicollis*. All specimens determined as *A. moerens* in collections I have seen from Japan belong to *A. nipponigena* OBENBERGER, 1935.

SAUNDERS described *A. moerens* and *A. rotundicollis* in the same work. As a first reviser and because of the existence of male lectotype *A. moerens*, I consider *A. rotundicollis* to be the junior synonym of *A. moerens*.

***Agrilus nipponigena* OBENBERGER, 1935**

Agrilus nipponigena OBENBERGER, 1935: 167–168.
Agrilus nipponigera [sic!] OBENBERGER: MIWA & CHŪJŌ, 1936: 19.
Agrilus moerens SAUNDERS: LEWIS, 1879: 15.

Type locality: “Japan” (OBENBERGER 1935); no precise data known.

Type specimens: Lectotype ♀ [NMP], here designated: “Japan [h] \ TYPUS [p] [red label] \ Mus. Nat. Pragae Inv. [p] 24292 [h] [orange label] \ *Agrilus nipponigena* m. Type [h] Det. Dr. Obenberger [p] \ LECTOTYPE [p] *AGRILUS nipponigena* Obnb. [h] Ed. Jendek design. 1993 [p] [red label]”.

Synonyms: Until now, this species was misidentified and listed in publications as *A. moerens*.

Diagnosis: 5–6.2 mm long, black to brown-black, with silky lustre, characterised with very fine reticulate structure of pronotal disc, each cell of this structure with central grain or grains and distinct microsculpture. Prehumeral keels sharp and elevated, elytral apices distinctly rounded separately, with fine serration. Last abdominal ventrite rounded apically.

Specimens from China differ somewhat from those from Japan by lighter colour and more evolved whitish spots on elytra.

Distribution: Japan, China (Shaanxi province). Newly recorded from China.

Additional material examined: JAPAN: Nishinasuno, Tochigi Prefecture, 15.VI.1991, leg. S. Ohmomo [CJB]; Todoromi, Osaka Prefecture, 9.VI. 1968, leg. M. Yagi [CJB]; Hattoji, Okayama Prefecture, 28.V. 1979, leg. H. Jamazaki [CNA]. CHINA: Shaanxi province, Hua Shan Mt., 17–21.VI.1991, leg. R. Sauer [CJB].

***Agrilus pilosovittatus* SAUNDERS, 1873**

Agrilus pilosovittatus SAUNDERS, 1873: 515.
Agrilus zemani OBENBERGER, 1925: 34.
Agrilus pusillipubis GEBHARDT, 1929: 94–95. (**syn. nov.**)
Agrilus yamabusi MIWA & CHŪJŌ, 1940: 63–64. (teste MIWA & CHŪJŌ, 1950: 11.)

Type locality: Japan, Honshu, 20 km W Osaka, Kobe.

Type specimens: Lectotype ♂ [BML], here designated: "Type H.T. [p] [round label with red border] \ Kobe [p] \ Japan. G. Lewis 1910–320 [p] \ pilosovittata [sic!] ES Type [by Saunders hand] \ LECTOTYPE AGRILUS pilosovittatus SAUND. 1873 Ed. Jendek design. 1994 [p] [red label]" and one paralectotype (male) from the same locality, which was originally glued on the label together with lectotype.

Synonyms: Lectotype ♂ [NMP] of *A. zemani*, here designated: "Kobe –1918 Japonsko Dr. Jureček [p] \ TYPUS [p] [red label] \ Agrilus Zemani m. Type [h] Det. Dr. Obenberger [p] \ Mus. Nat. Pragae Inv. [p] 24884 [h] [orange label] \ LECTOTYPE [p] AGRILUS zemani Obnb. 1925 [h] Ed. Jendek design. 1994 [p] [red label]" and one paralectotype with the same first three labels.

Lectotype ♂ [NMP] of *A. pusillipubis*, here designated: "China Hangchow [= Hangzhou, Zhejiang province] [p] \ TYPUS [p] [red label] \ Agrilus pusillipubis m. Type [h] Det. Dr. A. v. Gebhardt [p] \ LECTOTYPE [p] AGRILUS pusillipubis Gebh. [h] Ed. Jendek design. 1994 [p] [red label]" and one paralectotype (MHNP) with the same first three labels. There is in TMB another specimen from Soochow [= Suzhou, Jiangsu province] which I have not studied but also consider as a paralectotype.

The examination of the lectotype of *A. pusillipubis* revealed its conspecificity with *A. pilosovittatus*.

Diagnosis: 4.2 – 4.9 mm long, brown-green, pronotum strongly convex transversely, medial lobe on anterior pronotal margin obvious, lateral pronotal sides subparallel, distinctly incurved before basal angles. Pronotal disc medially with distinct basal depression and obtuse one in apical part. Prehumeral keels projecting to anterior pronotal angles, sharp and elevated near basal angles, vestigial in apical part. Elytra with white pubescence, apex of last abdominal ventrite rounded.

Distribution: Japan, China (Jiangxi province). Newly recorded from China.

Additional material examined: JAPAN: Tsukubasan Mt., Ibaraki Prefecture, 17.VI. 1984, leg. S. Ohmomo [CJB]; Hattoji, Okayama Prefecture, 28.V. 1979, leg. H. Jamazaki [CJB]; Koshiwa City, Chiba Prefecture, 25.V. 1982, leg. N. Kobayashi [CJB]. CHINA: "Kiang – Si" [= Jiangxi province] [CJB].

***Agrilus tempestivus* LEWIS, 1893**

Agrilus tempestivus LEWIS, 1893: 334–335.

Type locality: "Main island" (LEWIS 1893); Japan, Honshu island.

Type specimens: Lectotype ♂ [BML], here designated: "Type H.T. [p] [round label with red border] \ Japan G. Lewis 1910–320 [p] \ Agrilus tempestivus Lewis Type [h] \ LECTOTYPE Agrilus tempestivus LEWIS, 1893 Ed. Jendek design. 1994 [p] [red label]".

Diagnosis: 5.0–7.2 mm long, brown-green or green, sometimes bicoloured; vertex with medial groove; pronotum widest in apical half, with lateral sides strongly incurved near base, basal angles obviously sharp. Prehumeral keels strongly elevated, joined with marginal carina behind pronotal half. Elytra with short white pubescence, apices separately rounded. Basal abdominal ventrite in male with two medial knolls.

Distribution: Japan, Far eastern Russia. Newly recorded from continent and Russia.

Additional material examined: JAPAN: HONSHU: Eda, Fukushima Prefecture, 21.VI. 1979, leg. S. Ohmomo [CJB]; Eda, Iwaki-shi, Fukushima Prefecture, 11.VII. 1987, leg. S. Ohmomo [CJB]; Tokyo env., 1901, leg. J. Harmand [MHNP]; Mt. Vaibosatsu, Yamanashi Prefecture, 29.VI. 1982, leg. K. Keda [CJB]; KYUSHU: "Kio-Siou" [= Kyushu island] [MHNP]; "Sendaigawa" [= Sendai], 1906, leg. E. Gallois [NMHP]; "Chuzenji" 21.VIII. 1910, leg. E. Gallois [MHNP]; Kumamoto Prefecture, "Kuruizawa", 12.VII. 1908, leg. E. Gallois [NMHP]; TSUSHIMA ISLAND: Sasuna, 5–7. VI. 1981, leg. A. Torikata [CJB]. RUSSIA: PRIMORSKIY REGION: Novovarovka, 6–10.VII. 1989, leg. Dunda [CJB]; Komarovka river, Kamenushka, 300 m, VI. 1992, leg. Voříšek [CJB]; Spassk, 13.VI. 1990, leg. Belokobyl'skij [ZIL]; Sichote-Alin Mts., Sokoltchi, 1–15.VII. 1990, leg. Kadlec & Voříšek [CJB]; Arsenev env., VII. 1990, leg. Šiska & Čermák [CJB]; KHABAROVSKIY REGION: Slavianka 20 km W of Troitskoye, Amur bank, 14–19.VI. 1990, leg. W. Schawaller [CJB].

***Agrilus subrobustus* SAUNDERS, 1873**

Agrilus subrobustus SAUNDERS, 1873: 516–517.

Type locality: "On oaks, Nagasaki" (SAUNDERS 1873); Japan, Kyushu island, Nagasaki.

Type specimens: Lectotype ♀ [BML], here designated: "Type H.T. [p] [round label with red border] \ Oak Nagasaki 1869 [h] \ Japan G. Lewis 1910–320 [p] \ Agrilus subrobustus ES Type [h] \ Agrilus subrobustus E.S Type [h] \ LECTOTYPE Agrilus subrobustus SAUND. 1873 Ed. Jendek design. 1994 [p] [red label]".

Diagnosis: 4.2–5.9 mm long, body spindle-like, green, olivaceous or bronze, lustrous. Vertex with distinct spiral structure on both sides of medial groove. Pronotum tapered, widest in basal part, with lateral sides almost straight. Anteromedial pronotal lobe prominent, projecting behind outline of anterior angles. Pronotal disc strongly evenly convex, without lateral depressions. Prehumeral keels sharp, feebly elevated, projecting to basal third of pronotum, straight or slightly curved to marginal carina. Elytra with stripe of white pubescence along sutural margin, apices narrowly rounded separately. Mentoniere large, without medial emargination, last abdominal ventrite slightly medially incurved. Sexual dimorphism not marked.

Distribution: Japan, Korea, China (Shaanxi, Sichuan, Hunan, Fujian provinces). Newly recorded from continent.

Additional material examined: JAPAN: IBARAKI prefecture: Takahagi City, 8–10.VI. 1979, leg. A. Nishiyama [CJB]; Ami-cho, 17.VI. 1987, leg. Ohmomo [CJB]; FUKUOKA prefecture: Naju, 5.VII. 1979 [CJB]; TSUSHIMA island: Mt. Ohboshiyama, 11.VI.–12. VII. 1989, leg. K. Adachi [CJB]. KOREA: "Corée Env. de Seoul 1913" [CJB]. CHINA: SHAANXI: Mt. Hua Shan, 17–21.VI. 1991, leg. R. Dunda [CJB] [CKB]; SICHUAN: Guanxian, 103.36N, 31.00E, 700m, 8–20. VII. 1990, leg. J. Kolibáč [CJB]; HUNAN: Zhang Jia Jie, VI. 1993, leg. C. Holzschuh [CJB]; FUJIAN: Shaowu env., 23–27.VI. 1991, leg. M. Nikodým [CJB]; Shaowu env., 5–10.VII. 1991 [CJB].

***Agrilus cyaneoniger* SAUNDERS, 1873**

Agrilus cyaneoniger SAUNDERS, 1873: 515.

Agrilus cyaneoniger THOMSON, 1879: 71. (nec SAUNDERS, 1873)

Agrilus impressifrons KIESENWETTER in: KRAATZ & KIESENWETTER, 1879: 254–255. (teste JACOBSON, 1911: 797.)

Agrilus jamesi JACOBSON, 1911: 798.

Agrilus melanopterus SOLSKY, 1875: 277.

Agrilus cyaneoniger var. *melanopterus* SOLSKY: OBENBERGER, 1936a: 980.

Agrilus cyaneoniger melanopterus SOLSKY: ALEXEEV, 1989: 479. (**syn. nov.**)

Agrilus marquardtii OBENBERGER, 1914: 41–42, 47–48.

Agrilus cyaneoniger var. *marquardtii* OBENBERGER: OBENBERGER, 1936a: 980.

Agrilus cyaneoniger marquardtii OBENBERGER: DESCARPENTRIES & VILLIERS, 1963: 2,8. (**syn. nov.**)

Agrilus ataman OBENBERGER, 1924: 35.

Agrilus melanopterus ataman OBENBERGER: OBENBERGER, 1935: 162.

Agrilus cyaneoniger var. *ataman* OBENBERGER: OBENBERGER, 1936a: 981. (**syn. nov.**)

Agrilus mikado OBENBERGER, 1924: 35–36.

Agrilus cyaneoniger var. *cupreoviridis* LEWIS, 1893: 332. (**syn. nov.**)

Type locality: "Japan" (SAUNDERS 1873); no precise data known.

Type specimens: Lectotype ♂ of *A. cyaneoniger* SAUNDERS, 1873 [BML], here designated: "Type H.T. [p] [round label with red border] \ Japan. G. Lewis. 1910 – 320. [p] \ cyaneoniger ES. Type [h] [by Saunders hand] \ LECTOTYPE AGRILUS [p] cyaneoniger SAUNDERS 1873 [h] Ed. Jendek design. 1995 [p] [red label]".

Synonyms: Lectotype [sex not examined] of *A. cyaneoniger* THOMSON, 1879 [MHNP], here designated: "Th. TYPE [p] [white label with black border] \ cyaneoniger Thoms. M.ss. Type Ap. I Japon [h] \ EX MUSAEI JAMES THOMSON [p] \ collectio OBERTHUR [p] \ LECTOTYPE [p] Agrilus cyaneoniger THOMSON 1879 [h] Ed. Jendek design. 1994 [p] [red label]".

Lectotype ♂ of *A. melanopterus* [ZIL], here designated: "Ussuri mer [h] [yellow label] \ *A. melanopterus* mihi [h] [violet label] \ k. Solskogo [= collectio Solsky] [p] [in Russian] \ LECTOTYPE Agrilus melanopterus SOLSKY 1875 Ed. Jendek design. 1994 [p] [red label]".

Lectotype ♂ of *A. marquardtii*, here designated: "Kiangsi [= Jiangxi province] China [p] \ TYPUS [p] [red label] \ Agrilus Marquardtii m. Type [h] Det. Dr Obenberger [p] \ Mus. Nat. Pragae Inv. [p] 24785 [h] [orange label] \ LECTOTYPE Agrilus marquardtii OBENBERGER, 1914 Ed. Jendek design. 1994 [p] [red label]" and one paralectotype from the same locality are deposited in NMP.

Lectotype [sex not examined] of *A. ataman* [NMP], here designated: "Vladivostok [h] \ TYPUS [p] [red label] \ Agrilus Ataman m. Type [h] Det. Dr Obenberger [p] \ Mus. Nat. Pragae Inv. [p] 24788 [h] [orange label] \

LECTOTYPE *Agrilus ataman* OBNB. 1924 Ed. Jendek design. 1994 [p] [red label]". There is in NMP also other specimen labelled by Obenberger as type of *A. ataman* from Ussuri. This locality does not agree with type locality in original description and I do not consider this specimen to be paralectotype.

Lectotype [sex not examined] of *A. mikado* [NMP], here designated: "Japan [p] \ TYPUS [p] [red label] \ *Agrilus Mikado* m. Type [h] Det. Dr Obenberger [p] \ Mus. Nat. Pragae Inv. [p] 24787 [h] [orange label] \ LECTOTYPE *Agrilus mikado* OBNB. 1924 Ed. Jendek design. 1994 [p] [red label]".

Lectotype ♀ of *A. cyaneoniger* var. *cupreoviridis* [BML], here designated: "Japan. G. Lewis. 1910 – 320. [p] \ Junsai Lake [p] \ *Agrilus cupreoviridis* Type. Lewis var: *cyaneoniger* E. [h] [by Lewis hand] \ Type H.T. [p] [round label with red border] \ LECTOTYPE *AGRILUS* [p] *cyaneoniger* SAUND. var. *cupreoviridis* LEWIS 1893 [h] Ed. Jendek design. 1995 [p] [red label]".

Agrilus cyaneoniger is a widely distributed species, highly variable in colour (see diagnosis). These aberrations were described as species or as subspecies of *A. cyaneoniger*. All specimens examined above I consider to be conspecific with *A. cyaneoniger*.

Diagnosis: 9.8–16.0 mm long, body robust; pronotum widest in middle, with lateral sides evenly arcuate, pronotal disc with obvious broad and deep median depression and two lateral depressions. Prehumeral keels absent. Scutellum reduced and sunk centrally, without transverse carina. Elytra without distinct pubescence, apices broadly rounded separately. Metatibiae about as long as metatarsi.

Variability in colour of that species corresponds to infrasubspecific level. I have examined the following colour aberrations: body black, matt – China (Sichuan, Jiangxi, Zhejiang), India (Kashmir); body black, pronotum with blue tinge – Korea; body black, with blue tinge – Japan, China (Sichuan), India (Kashmir); elytra black, sometimes with fine greenish tinge, pronotum from golden-green to golden-orange – Far eastern Russia, Japan, Korea, China (Jilin); elytra black, with distinct blue tinge, pronotum from golden-orange to carmine – China (Sichuan).

Distribution: Far eastern Russia, Korea, Japan, China, India. Newly recorded from India.

Additional material examined: RUSSIA: AMURSKIY REGION: Saskali, Bereja river, 15.VI. 1975, leg. V. Kuznetsov [CJB]; PRIMORSKIY REGION: Barabash-Levada, VII. 1991, leg. Shestopalov [CJB]; Barabash-Levada, 29. VI. 1983, leg. V. Kuznetsov [CBW]; Komarovka river, Kamenushka env., 300 m, VI. 1992, leg. J. Voříšek [CJB]; Arsenev env., VII. 1990, leg. B. Šiška & R. Čermák [CJB]; Arsenev env., VI. 1991, leg. M. Štrba & O. Šauša [CJB] [CKB]; Arsenev 25–31.VI. 1992 leg. D. Štroň [CBW]; "Artem" [25 km NE Vladivostok] [CJB]; Sikhote-Alin Mts., Sokolitchi, 1–15.VII. 1990, leg. Kadlec & Voříšek [CJB]; Vladivostok [NMP]. JAPAN: Hokkaido, Ohushihetsu, 28.VI. 1946 [NMP]; Okayama prefecture, Showa, 4.VI. 1967, leg. T. Aono [CJB]; "Tiba" [NMP]. KOREA: "Corée 1913 Tyek-Syeng" [MHNP]; "Corée Mirinai" [MHNP]. CHINA: JILIN: Changbai Shan Mt., Natural Reservation, [CJB]; ZHEJIANG: "Qiu [= Qu] County" [CJB]; JIANGXI: "1903 Kiang – Si" [= Jiangxi province] [CJB]; SICHUAN: Abazhou, 2000 m, Nanping, Jiuzhaigou Natural Reservation, 8–13.VI. 1991, [CJB]; Moxi, 50 km S of Luding, 1992, leg. R. Sauer [CJB]; YUNNAN: Diaolin Natural Reservation, 100 km W of Kunming, 22.V.–2.VI. 1992, leg. E. Jendek & O. Šauša [CJB]. INDIA: "Goorais [= Gurais] valley [cca 70 km N of Srinagar] Kaschmir 7000ft VI.87" [MHNP].

***Agrilus pekinensis pekinensis* OBENBERGER, 1924**

Agrilus pekinensis OBENBERGER, 1924: 55.

Agrilus pekinensis var. *aureosplendidus* OBENBERGER, 1936b: 107. (**syn. nov.**)

Agrilus pekinensis ssp. *boreooccidentalis* OBENBERGER, 1936b: 107. (**syn. nov.**)

Agrilus cerskii OBENBERGER, 1936b: 104.

Agrilus klapperichi OBENBERGER, 1940: 183–184.

Agrilus charbinensis THÉRY, 1942: 256–258.

Type locality: "Pekin [= Beijing]" (OBENBERGER 1924); China, Beijing.

Type specimens: Lectotype ♂ [NMP], here designated: "PECHINO [= Beijing] S. Folchini 190 [p] 5 [h] \ TYPUS [p] [red label] \ *Agrilus pekinensis* m. Type [h] Det. Dr Obenberger [p] \ Mus. Nat. Pragae Inv. [p] 24937 [h] [orange label] \ LECTOTYPE *AGRILUS* [p] *pekinensis* OBNB. 1924 [h] Ed. Jendek design. 1995 [p] [red label]".

Synonyms: Lectotype [sex not examined] of *A. pekinensis* var. *aureosplendidus*, here designated: "Yamathengi Mandjuria [h] \ TYPUS [p] [red label] \ *A. pekinensis* v. *aureosplendidus* m. Type [h] Det. Dr Obenberger [p] \ Mus. Nat. Pragae Inv. [p] 24276 [h] [orange label] \ LECTOTYPE *AGRILUS* [p] *pekinensis* var. *aureosplendidus* OBNB. 1936 [h] Ed. Jendek design. 1995 [p] [red label]" and one paralectotype from the same locality are deposited in NMP.

Lectotype [sex not examined] of *A. pekinensis* ssp. *boreooccidentalis* [NMP], here designated: "Transbaikalia [h] \ TYPUS [p] [red label] \ Agrilus pekinensis var. [sic!] boreooccidentalis m. Type [h] Det. Dr Obenberger [p] \ Mus. Nat. Pragae Inv. [p] 24278 [h] [orange label] \ LECTOTYPE AGRILUS [p] pekinensis ssp. boreooccidentalis OBNB. 1936 [h] Ed. Jendek design. 1995 [p] [red label]".

Lectotype ♂ of *A. cerskii*, here designated: "Ussuri Nizhne Mikhailovskaya [= Nizhнемikhailovka, 50 km N of Dal'nerechensk] 1899 G. Suvorov [p] [in Russian] \ TYPUS [p] [red label] \ Mus. Nat. Pragae Inv. [p] 24330 [h] [orange label] \ Agrilus Čerskii m. Type [h] Det. Dr Obenberger [p] \ LECTOTYPE AGRILUS [p] cerskii OBNB. 1936 [h] Ed. Jendek design. 1995 [p] [red label]" and three paralectotypes are deposited in NMP. There are another eleven specimens in ZIL from "Kamen Rybolov" and "Chanka" which I have not studied but also consider as paralectotypes.

Lectotype ♂ of *A. klapperichi*, here designated: "Kwangtseh – Fukien [= Fujian province] J. Klapperich 17. 9. 1937 [p] [violet label] \ TYPUS [p] [red label] \ Agrilus Klapperichi m. Type [h] Det. Dr Obenberger [p] \ Mus. Nat. Pragae Inv. [p] 24303 [h] [orange label] \ LECTOTYPE AGRILUS [p] klapperichi OBNB. 1940 [h] Ed. Jendek design. 1995 [p] [red label]" and two paralectotypes are deposited in NMP.

Type specimens of *Agrilus klapperichi* are more robust than most of the specimens of *A. pekinensis pekinensis* I have examined. More material is needed to resolve if this character corresponds to subspecific or infrasubspecific status.

I have examined only the paratype of *A. charbinensis* deposited in MHNP. This species is conspecific with *A. pekinensis pekinensis* as reported by Obenberger (1943).

Diagnosis: See Alexeev (1989). Highly variable species in size (4.0–8.1 mm) and colour.

Distribution: Russia (Chita, Amurskiy, Khabarovskiy, Primorskiy regions), Mongolia, Korea, north-east and east China.

Additional material examined: RUSSIA: CHITA REGION: Chita, Karinskaya, 29.6. 1992, leg. Z. Kletečka [CKCB][CJB]; AMURSKIY REGION: Klimoutsy, 40 km W Svobodnyi, 4.VII. 1949, 9.VII. 1957, leg. Zinovjev [ZIL]; Simonovo, 75 km W Svobodnyi, leg. Zinovjev, leg. Kerzhner [ZIL]; KHABAROVSKIY REGION: Khekhtsir Mt. 30 km S Khabarovsk, leg. Gottwald [CJB]. PRIMORSKIY REGION: Vladivostok, 28.VII. 1990, leg. A. Pütz [CPE][CJB]; Ussuri res., 50 km SE Ussuriisk, 20.VII. 1990, leg. S. Kadlec & J. Voříšek [CJB]; Benevskoe, 20–22.VII. 1989 leg. S. Jákl, leg. M. Nikodým, leg. R. Červenka [CJB]; Pogranichnyi, Sergeevka, 29–31.VII. 1990, leg. M. Snížek [CJB] [CKB]; Novochuguevka, 16–18.VII. 1990, leg. M. Snížek [CJB]; Dal'nerechensk, 31.VII. 1989, 1989 leg. S. Jákl [CJB]. MONGOLIA: Chentejsk ajmak, Möron-Göl valley, leg. B. Malec [CJB]. KOREA: "Coreé \ Museum Paris coll. Bedel 1922" [MHNP]. CHINA: "Chine A. David" [MHNP]; "Liao-che China b." [NMP]; "Env. Pekin [= Beijing Zhixia Shi] Duchaine" [MHNP]; "Chekiang [= Zhejiang province] Hangchow [= Hangzhou Shi] Chine" [MHNP]; "30.VII. 36 O. Piel coll. \ T'jensmu-Shan, Musée Heude" [MHNP]; Shaanxi province, Mt. Hua Shan, 17–21.VI. 1991, leg. R. Sauer [CJB].

***Agrilus pekinensis accolus* ssp. n.**

Type locality: China, Yunnan province, Daju (27.18 N, 100.14 E).

Type specimens: Holotype ♂: "YUNNAN, 1950 – 2050 m, 27.18N, 100.14E, DAJU, Jinsha r., 7–10 / 7. 92" [CJB]. Paratypes: 2 ex: labelled as holotype [CJB]; 3 ex: CHINA, YUNNAN, DAJU, 17.VI.1995, Šiška & Spevár & Pekarovič [CJB]; 59 ex: CHINA, YUNNAN, LIJIANG, 19.VI.1995, Šiška & Spevár & Pekarovič [CJB] [CKB]; 1 ex: "Yunnan-Sen [= Yunnan province], coll. Guerry" [MHNP]; 2 ex: "YUNNAN, 1500–2800 m, 26.07N, 103.14E, DONGCHUAN, 28.6.–3.7. Vít Kubáň leg., 1994" [CJB]; 4 ex: "China, Yunnan, 3500 m, 30 km N of LIJIANG, GANHAIZI pass, 5.VII. M. Bocák leg. 1990" [CJB] [NMP]; 4 ex: "CHINA: N. Yunnan, 30 km N of LIJIANG, 3000 m, 3.VII. 1990, L. & M. Bocák lgt." [CJB] [CMM]; 2 ex: "CHINA: N. Yunnan, LIJIANG, 2600 m, 30.6.–2.7. 1990, L. & M. Bocák lgt." [CJB]; 7 ex: "China, Yunnan, 1800 m, LIJIANG 23.6.–21.7., 26.53N, 100.18E, E. Jendek leg. 1992" [CJB] [CKB]; 1 ex: "China – Yunnan, 10.–15.6. [19]94, LITIANG [= Lijiang], lgt. E. Kučera" [CKS]; 1 ex: "China, Yunnan, 6.–10.VII. NINGLANG env., 27.19N, 100.55E, E. Jendek leg. 1992" [CJB]; 1 ex: "Su-Tchuen [= Sichuan province], Chass. Thibétains, 1897" [MHNP]; 1 ex: "CHINA: Sichuan Mt. Emei, 1050 m, 10.VII. 1990, L. & M. Bocák lgt." [CJB]; 1 ex: "China, N Sichuan prov., JIAOCHANGBA, ca 2000 m, 8.7.1991, J. Kaláb leg." [CJB]; "CHINA N, Sichuan, JIUZHAIGOU, 2000 m, 16. Jun 1992, M. Bok lgt." [CJB].

Diagnosis: 5.6–9.1 mm long. Differs from the nominotypical subspecies in having dorsal side distinctly flattened; elytral apices more prolonged, elytral index (length : width) = 3.1–3.2; (*A. pekinensis pekinensis* is 2.7–3.2); pronotum widest in apical half; white pubescence on ventral side more markedly developed.

Distribution: China (Yunnan, Sichuan provinces).

Etymology: accollo (Latin) – neighbouring; refers to the relative geographical distribution of this subspecies and nominotypical subspecies.

***Agrilus decoloratus decoloratus* KERREMANS, 1892**

Agrilus decoloratus KERREMANS, 1892: 213–214.

Agrilus octostictus BOURGOIN, 1922: 24.

Agrilus alazon lunlingensis OBENBERGER, 1958: 237. (**syn. nov.**)

Type locality: "Inde [= India]" (Kerremans 1892); no precise data known.

Type specimens: Holotype (by monotypy), ♀ [MHNP]: "India [h] [round label] \ Ex Musaeo Ed. Brown [p] \ decoloratus Kerr. Type [h] [by Kerremans hand] \ Kerremans Vidit 1892 [p] \ HOLOTYPE (by monotypy) AGRILUS [p] decoloratus KERR. 1892 [h] Ed. Jendek design. 1995 [p] [red label]".

Synonyms: Lectotype of *A. octostictus* [sex not examined], here designated: "Ban Nam Mo [in Laos] 4–IV–1918 [h] \ *Agrilus octostictus* A. Bourgoin [h] [black ink] Type [h] [red ink] \ MUSÉUM PARIS 1965 Coll. A. THÉRY [p] \ LECTOTYPE AGRILUS [p] octostictus BOURG. 1922 [h] Ed. Jendek design. 1995 [p] [red label]" and one paralectotype from the same locality are stored in MHNP.

Lectotype of *A. alazon lunlingensis* [sex not examined], here designated: "1955 V. 20 [three lines, first and third in Chinese] [p] \ Lunling [= Longling Xian] 1600 m Yunnan 20.V.1955 V. Popov [p] [in Russian] \ Yunnan, Lunling [h] \ COTYPE [p] [red label] \ *A. Alazon* ssp. *lunlingensis* m. Cotype [h] Det. Dr. Obenberger [p] \ LECTOTYPE AGRILUS [p] alazon lunlingensis OBNB. 1958 [h] Ed. Jendek design. 1995 [p] [red label]". Two paralectotypes from the same locality are stored in NMP.

Diagnosis: 9.5–13 mm long, robust, cooper-bronze, cooper-red, brownish-green; elytra with four pairs of pubescent spots, variable in size and colour. Prehumeral keels reduced, sometimes indicated in form of small knolls. Elytral apices distinctly separately acuminate and finely serrate. Related to *A. biguttatus* (FABRICIUS, 1777).

Distribution: North India, Nepal, West Bengal, Bhutan, Laos, north Vietnam, China (Yunnan and Sichuan provinces).

Additional material examined: INDIA: KASHMIR: Kishtwar district, Jammu, Ekala – Sonder, 1700–2000 m, 8.VII. 1980, leg. C. Holzschuh [CJB]; ASSAM: "Assam, Patkai \ Doherty" [MHNP]. WEST BENGAL: "Maria Basti L.Durel" [MHNP]; "Padong L. Durel 1914" [MHNP]. NEPAL: Arun Valey, Lamobagar Gola, 1400 m, 9–14.VI. 1983, leg. M. Brancucci [CJB].

***Agrilus decoloratus alazon* LEWIS, 1893 stat. nov.**

Agrilus alazon LEWIS, 1893: 333.

Agrilus ajax KERREMANS, 1912: 207.

Agrilus alazon ajax KERREMANS: KUROSAWA & IGA, 1947: 28. (**syn. nov.**)

Type locality: "Kiushiu [= Kyushu island]. I have a long series of this species from Yuyama in Higo." (Lewis 1893); Higo, Kyushu island, Japan.

Type specimens: Lectotype ♂, here designated: "Higo [h] \ Japan G. Lewis. 1910 – 320 [p] \ *Agrilus alazon* Lewis Type [h] [by Lewis hand] \ Type H. T. [round label with red border] \ LECTOTYPE AGRILUS [p] alazon LEWIS, 1893 [h] Ed. Jendek design. 1995 [p] [red label]" and three paralectotypes are deposited in BML.

Synonyms: Lectotype ♂ of *A. ajax*, here designated: "Kosempo [= Chiahsien (Kaohsiung)] Formosa [= Taiwan] H. Sauter [p] IX.09. [h] \ *Ajax* Kerr. Type [h] [by Kerremans hand] \ MUSEUM PARIS COLL. CH. KERREMANS 1923 [p] \ LECTOTYPE AGRILUS [p] ajax KERR. 1912 [h] Ed. Jendek design. 1995 [p] [red label]" and two paralectotypes from the same locality are stored in MHNP.

Diagnosis: Differs from nominotypical subspecies in having elytral apices only feebly acuminate or regularly separately rounded and in greater colour variability with occurrence also of the blue, violet and green forms.

Distribution: Japan, Taiwan, China (Zhejiang province)

Additional material examined: JAPAN: HYOGO prefecture, Akasai, 27.VII. 1973, leg. M. Yuma [CJB]; NAGASAKI prefecture, Tsushima island, 7.VI. 1981, leg. A. Torikata [CJB]; FUKUOKA prefecture, Shiroyama, 2.VI. 1984, leg. S. Ogata [CJB]. TAIWAN:Kaohsiung Hsien, Mt. Daynan-shan, 2–22.VIII.1988, leg. Ch. Wenlong [CJB] [CKB]. CHINA: "Chekiang [= Zhejiang province] Chusan [= Zhonshan Qundao] 12.VI.1936" [CJB].

***Agrilus ventricosus* FAIRMAIRE, 1888**

Agrilus ventricosus FAIRMAIRE, 1888b: 120–121.
Agrilus kalganicus OBENBERGER, 1935: 163–164. (syn. nov.)
Agrilus toyamai KUROSAWA, 1985: 153–156. (syn. nov.)

Type locality: “Pékin [= Beijing]” (FAIRMAIRE 1888b); Beijing, China.

Type specimens: Lectotype ♀ [MHNP], here designated: “Chine A. DAVID [p] \ *Agrilus ventricosus* Fairm. [h] [by Fairmaire hand] \ LECTOTYPE AGRILUS [p] ventricosus FAIRMAIRE [h] Ed. Jendek design. 1995 [p] [red label]”.

Synonyms: Lectotype ♀ of *A. kalganicus* [NMP], here designated: “Inshan Kalgan [= Zhangjiakou Shi, Hebei province] China [h] \ TYPUS [p] [red label] \ *Agrilus kalganicus* m. Type [h] Det. Dr. Obenberger [p] \ LECTOTYPE AGRILUS [p] kalganicus OBENB. 1935 [h] Ed. Jendek design. 1994 [p] [red label]”.

I have not examined type specimens of *A. toyamai* but according to the original description and illustration in KUROSAWA, HISAMATSU & SASAJI (1985) there is no doubt about its conspecificity with *A. ventricosus*.

Diagnosis: Related to *A. biguttatus* (FABRICIUS, 1777), from which it differs mainly by anterior pronotal margin sinuate with medial lobe distinctly produced, broadly rounded and by having elytra not so prolonged apically.

Distribution: Northeast China, Japan (Honshu).

Additional material examined: CHINA: “Chahar Yankiaping \ 3.VII.31 O. Piel coll.” [MHNP]; “Tsienu 26.VIII.34” [MHNP].

***Agrilus proditor* OBENBERGER, 1917**

Agrilus proditor OBENBERGER, 1917b: 53–54.

Type locality: “China” (OBENBERGER 1917b); no precise data known.

Type specimens: Lectotype ♀ [NMP], here designated: “China [h] \ TYPUS [p] [red label] \ *Agrilus proditor* m. Type [h] Det. Dr. Obenberger [p] \ Mus. Nat. Pragae Inv. [p] 26216 [h] [orange label] \ LECTOTYPE [p] AGRILUS proditor OBENBERGER, 1917 [h] Ed. Jendek design. 1994 [p] [red label]”.

Diagnosis: 9.5 mm long, blue-green, general appearance somewhat similar to that of *A. sinensis*, from which it can be distinguished mainly by a shallower medial groove on frons (dorsal view), fine and punctuate structure on vertex near pronotal margin, less convex pronotal disc, with grainy structure in middle and shorter, apically not so prolonged elytra.

Distribution: So far known only from type locality.

***Agrilus sinensis sinensis* THOMSON, 1879**

Agrilus sinensis THOMSON, 1879: 73.
Agrilus chinensis [sic!]: KERREMANS, 1903: 278.

Type locality: “Shang-Hai” (THOMSON 1879); China, Shanghai.

Type specimens: Lectotype ♀ [MHNP], here designated: “Schang-Hai [= Shanghai] [h] [yellow label] \ Th. TYPE [p] [white label with black border] \ *Sinensis* Laf. M. SS., Th. Type Ap. I, 73 [h] \ Ex Musaeo JAMES THOMSON [p] \ LECTOTYPE [p] AGRILUS sinensis Thoms. [h] Ed. Jendek design. 1994 [p]”.

Diagnosis: 9.5–13.5 mm long, body robust; head and pronotum golden-orange or golden-yellow, elytra black. Vertex and frons with spiral structure on both sides of obvious medial groove. Pronotum widest in middle, with lateral sides evenly arcuate, slightly incurved before base, producing sharp basal angles. Anteromedial pronotal lobe reduced or absent. Median depression on pronotal disc divided into two large parts. Prehumeral keels reduced or absent. Marginal and submarginal pronotal carinae subparallel all length along. Scutellum large, with transverse carina. Elytra without distinct pubescence, apices separately rounded, sharply serrate. Metatibiae shorter as metatarsi.

Distribution: Central and south-east China.

Additional material examined: CHINA: SICHUAN: Jiulonggou env., near Dayi, 70 km W of Chengdu, 23–27.VI. 1993, leg. M. Tryzna [CJB]; Emei Shan, Emei, 120 km SW of Chengdu, 12–16. VI. 1993, leg. Beneš [CJB] [CKB]; Emei Shan, Emei – Baoguosi, 130 km SW of Chengdu, 29. VII.–3. VIII. 1993, leg. Beneš [CJB]; FUJIAN: Shaowu env., 23–27.VI. 1991[CJB]; JIANGXI: Suichuan env., 26.27N, 114.31E, 1.VI. 1994, leg. E. Jendek & O. Šauša [CJB]; “Kiang-Si” [= Jiangxi province] [CJB]; GUIZHOU: “Kouy-Tscheou [= Guizhou province] Abbé Largeteau” [MHNP].

***Agrilus sinensis splendidicollis* FAIRMAIRE, 1888**

Agrilus splendidicollis FAIRMAIRE, 1888a: 348.

Agrilus sinensis splendidicollis FAIRMAIRE: OBENBERGER, 1924: 36.

Agrilus sinensis splendidicollis [sic!] FAIRMAIRE: OBENBERGER, 1936a: 1041.

Agrilus bayeri OBENBERGER, 1935: 161–162. (**syn. nov.**)

Agrilus sinensis lameyi OBENBERGER, 1924: 36–37. (**syn. nov.**)

Type locality: “Tonkin” (FAIRMAIRE 1888a); North Vietnam.

Type specimens: Lectotype ♂ [MHNP], here designated: “*Agrilus splendidicollis* Fairm Tonkin [by Fairmaire hand] \ MUSEUM PARIS Collection Léon Fairmaire 1906 [p] \ LECTOTYPE [p] AGRILUS splendidicollis Fairm. [h] Ed. Jendek design. 1994 [p]”. I have seen in BML another two specimens with the same first label, which I consider to be paralectotypes.

Synonyms: Lectotype ♂ of *A. bayeri*, here designated: “China, Prov. Yunnan Vallis flumm. Soling – ho [p] \ TYPUS [p] [red label] \ Mus.Nat.Pragae Inv. [p] 24293 [h] [orange label] \ *Agrilus Bayeri* m. Type [h] Det. Dr Obenberger [p] \ LECTOTYPE [p] *Agrilus bayeri* OBNB. 1935 [h] Ed. Jendek design. 1994 [p] [red label]” and one paralectotype from the same locality are deposited in NMP.

Lectotype ♂ of *A. sinensis lameyi* [NMP], here designated: “Na-lang. Tonkin Nord. Lamey [h] \ TYPUS [p] [red label] \ *A. sinensis lamei* m. Type [h] Det. Dr Obenberger [p] \ LECTOTYPE [p] *Agrilus sinensis lameyi* OBNB. 1924 [h] Ed. Jendek design. 1994 [p] [red label]”.

Diagnosis: *Agrilus sinensis splendidicollis* differs from the nominotypical subspecies only by having colour of elytra golden-green or blue-green.

Distribution: China (Yunnan province), Vietnam, Laos, Thailand, West Bengal. Newly recorded from Thailand.

Additional material examined: VIETNAM: TONKIN: SaPa, 12–17.V. 1990, leg. M. Kalabza & Z. Košťál [CJB]; SaPa, 11–18.VI. 1990, leg. A. Olexa [CJB]; “Ht. Tonkin Dong Van Cap Gadel 1896” [MHNP]; “Tonkin, Ma-cham Recu 26–III–1907” [MHNP]; TamDao, 16–23.V. 1991, leg. J. Strnad [CJB]; Chua Huong – Huong Son, 60 km SW from Hanoi, 26–29.IV. 1991, leg. E. Jendek [CJB]; Cucphuong Natural Reservation, /pr. Hasonbinh/, 15.VI. 1985, leg. Vít Kubáň [CJB]; Cucphuong, 24–25.V. 1986, leg. J. Horák [CJB]; Hanoi, 10.V. 1989, leg. P. Pacholátka [CJB]; Hanoi, V. 1990, leg. O. Šauša [CJB]. CHINA: YUNNAN: Dongchuan, 1500–2800 m, 26.07N, 103.14E, 28.VI.–3.VII. 1994 [CJB]; Jinghong, 10–14.VII. 1990, lgt. S. Bečvář [CJB]; “Recu de Lou-Nan” [= Lunan, 60 km SE of Kunming] 1931 [MHNP]. THAILAND: Nan District, Pha Khap, 15–20. V. 1992, leg. P. Pacholátka [CJB]. WEST BENGAL: “British Bootang Maria Basti” [recently in West Bengal] [MHNP].

***Agrilus coreanus* OBENBERGER, 1935**

Agrilus coreanus OBENBERGER, 1935: 162–163.

Type locality: “Korea: Chemulpo [= Inchon]” (OBENBERGER 1935); South Korea, Inchon.

Type specimens: Lectotype ♂ [NMP], here designated: “Korea Čemulpo [= Inchon] [h] \ TYPUS [p] [red label] \ *Agrilus coreanus* m. Type [h] Det. Dr Obenberger [p] \ Mus. Nat. Pragae Inv. [p] 24291 [h] [orange label] \ LECTOTYPE [p] AGRILUS coreanus OBNB. [h] Ed. Jendek design.1994 [p] [red label]”.

Diagnosis: 11.0 mm long, closely related to *A. sinensis* from which it differs mainly by shallower medial groove on vertex, anteromedial pronotal lobe prominent, nearly angular on top, pronotal disc with finer and longer transverse wrinkles and by aedeagus completely different.

Distribution: So far known only from type locality.

***Agrilus subauratus amurensis* OBENBERGER, 1922**

Agrilus amurensis OBENBERGER, 1922: 21–22.

Agrilus subauratus amurensis OBENBERGER: ALEXEEV & VOLKOVITSH, 1989: 318.

Agrilus subauratus ab. *linearioides* OBENBERGER, 1922: 22. (**syn. nov.**)

Agrilus subauratus var. *burjaticus* OBENBERGER, 1924: 47. (**syn. nov.**)

Agrilus subauratus var. *lineimargo* OBENBERGER, 1924: 47. (**syn. nov.**)

Agrilus subauratus var. *euchryseus* OBENBERGER, 1924: 47–48. (**syn. nov.**)

Agrilus demuthi THÉRY, 1942: 258–260. (**syn. nov.**)

Type locality: “Siberia orientalis: Amur superior” (OBENBERGER 1922); East Russia, Amurskiy region.

Type specimens: Lectotype [sex not examined] [NMP], here designated: “Oberer Amur [p] \ TYPUS [p] [red label] \ A. amurensis m. Type [h] Det. Dr. Obenberger [p] \ Mus. Nat. Pragae Inv. [p] 24255 [h] [orange label] \ LECTOTYPE AGRILUS [p] amurensis OBNB. 1922 [h] Ed. Jendek design. 1995 [p] [red label]”.

Synonyms: Lectotype [sex not examined] [NMP] of *A. amurensis* ab. *linearioides*, here designated: “Oberer Amur [p] \ viridis var. Daniel det. [h] \ TYPUS [p] [red label] \ A. amurensis ab. *linearioides* m. Type [h] Det. Dr. Obenberger [p] \ Mus. Nat. Pragae Inv. [p] 24856 [h] [orange label] \ LECTOTYPE AGRILUS [p] amurensis ab. *linearioides* OBNB. 1922 [h] Ed. Jendek design. 1995 [p] [red label]”.

Lectotype [sex not examined] [NMP] of *A. amurensis* var. *burjaticus*, here designated: “Transbaikalia [h] \ TYPUS [p] [red label] \ Agr. amurensis var. *burjaticus* m. Type [h] Det. Dr. Obenberger [p] \ Mus. Nat. Pragae Inv. [p] 24857 [h] [orange label] \ LECTOTYPE AGRILUS [p] amurensis var. *burjaticus* OBNB. 1924 [h] Ed. Jendek design. 1995 [p] [red label]”.

Lectotype [sex not examined] of *A. amurensis* var. *lineimargo*, here designated: “Transbaikalia [h] \ TYPUS [p] [red label] \ A. amurensis var. *lineimargo* m. Type [h] Det. Dr. Obenberger [p] \ Mus. Nat. Pragae Inv. [p] 24858 [h] [orange label] \ LECTOTYPE AGRILUS [p] amurensis var. *lineimargo* OBNB. 1924 [h] Ed. Jendek design. 1995 [p] [red label]” and one paralectotype from the same locality are deposited in NMP.

Lectotype [sex not examined] [NMP] of *A. amurensis* var. *euchryseus*, here designated: “Transbaikalia [h] \ TYPUS [p] [red label] \ A. amurensis var. *euchryseus* m. Type [h] Det. Dr. Obenberger [p] \ Mus. Nat. Pragae Inv. [p] 24860 [h] [orange label] \ LECTOTYPE AGRILUS [p] amurensis var. *euchryseus* OBNB. 1924 [h] Ed. Jendek design. 1995 [p] [red label]”.

I have examined holotype [by monotypy] ♂, of *Agrilus demuthi* [MHNP] from the locality “Kjachtá Sibirien Götzelmann”. This specimen is conspecific with *A. subauratus amurensis*.

Diagnosis: *Agrilus subauratus amurensis* differs from the nominotypical subspecies by lacking the bicoloration as reported by ALEXEEV & VOLKOVITSH (1989).

Distribution: East Russia, Mongolia, Korea, north China.

Additional material examined: RUSSIA: “V. Ubukunsh. K. Ehnberg” [CJB]; BURYATSKIY REGION: “Transbaikalia mr. occ. fl. Tshiko; Sharagol [= 200 km S Ulan-Ude] 1.VII. 1928 Th. Lukjanovitch” [ZIL]; CHITA REGION: “Tschita [= Chita], Transbaikalien, Hermann Frieb” [NMP]; AMURSKIY REGION: “rr.M. Pera – B. Ergel’ mezhdur., Amur. Zinovjev 22.VI. 58” [ZIL]; Tugdinskii rajon, Tugda, 23.VI. 1976, leg. Kuznetsov [ZIL]; Klimoutsy, 40 km W Svobodnyi, 9.VII. 1958, leg. Zinovjev [ZIL]; PRIMORSKIY REGION: Komarovka, flum. Kamenushka env. 300 m, V. 1992, leg. J. Voříšek [CJB]; Yasnoe, 450 m, 11–14.VII. 1989, leg. S. Jákl [CJB]; Sokol’tchi, 1–15.VII. 1990, leg. S. Kadlec & J. Voříšek [CJB]. CHINA: Jilin province, Changbai-Shan Mt. 3.VII. 1979 [CJB].

***Agrilus fissus* OBENBERGER, 1917**

Agrilus fissus OBENBERGER, 1917a: 214–215.

Agrilus lubricus THÉRY, 1942: 260–262. (teste OBENBERGER, 1943: 10.)

Type locality: “China” (OBENBERGER 1917a); China, Shandong province, Qingdao.

Type specimens: Lectotype ♂ [NMP], here designated: “Kiantschou [= former colony of Germany near Qingdao, Shandong province] China [h] \ TYPUS [p] [red label] \ *Agrilus fissus* m. Type [h] Det. Dr. Obenberger [p] \ Mus. Nat. Pragae Inv. [p] 24877 [h] [orange label] \ LECTOTYPE [p] *Agrilus fissus* Obenberger, 1917 [h] Ed. Jendek design. 1994 [p] [red label]”. There is in NMP also another specimen which locality “Vladivostok 20. VI. 927 V. Belov” does not refer to type locality and I do not consider it to be a paralectotype.

Diagnosis: 4.1–4.7 mm long, green or blue-green, body subparallel; vertex with median groove (posterodorsal view), pronotum widest in apical part, with sides almost subparallel, near basal angles distinctly narrowed; anteromedial pronotal lobe prominent, extending

beyond outline of lateral angles; pronotal disc evenly convex, with shallow lateral depressions, medial depression present, feeble in apical part. Prehumeral keels elevated, projecting behind basal third of pronotum, apically not joined with marginal carina. Elytra without distinct pubescence, apices jointly truncate, sparsely serrate, sutural margin slightly projecting toward small spine. Basal abdominal ventrite at posterior margin in male with two median knolls. Last ventrite broadly emarginate apically. Aedeagus strongly asymmetrical.

Closely related to *A. ussuricola* OBENBERGER, 1924 and *A. pseudoussuricola* ALEXEEV, 1979 from which it may be distinguished mainly by absence of distinct pubescence of elytra and by truncate elytral apices.

Distribution: Far eastern Russia, north-east and central China.

Additional material examined: RUSSIA: KHABAROVKIY REGION: Khekhtsir Mt., 30 km SW Khabarovsk VII. 1977, leg. Gotwald [CJB]; PRIMORSKIY REGION: Vladivostok, 20.VI. 1927, leg. V. Belov [NMP]; Arsenev env., VI. 1991, 44.11N, 133.19E, leg. O. Šauša & M. Štrba [CJB] [CMM]. CHINA: NW – Sichuan, 103.50N, 33.10E, Min Shan, 2500–4500 m, 14.–16.VII. 1990, leg. J. Kolibáč [CJB].

***Agrilus tibialis tibialis* LEWIS, 1893**

This species was examined in the first part of this study (JENDEK 1994). The lectotype designation is presented below.

Type specimens: Lectotype ♂, here designated: "Type H.T. [p] [round label with red border] \ Junsai Lake [p] \ G. Lewis 1910–320. [p] \ *Agrilus tibialis* Lewis, Type [+male symbol] [by Lewis hand] \ LECTOTYPE *Agrilus tibialis* LEWIS, 1893 Ed. Jendek design. 1994 [p] [red label]" and four paralectotypes from the same locality are deposited in BML.

***Agrilus brevitarsis* LEWIS, 1893**

Agrilus brevitarsis LEWIS, 1893: 336. (nec ERICHSON in litt.)

Agrilus lewisi KERREMANS, 1903: 287. (**syn. nov.**)

Agrilus brevitarsis [sic!] LEWIS: MWA & CHŪJŪ, 1936: 17.

Type locality: "Main island" (LEWIS 1893); Japan, Honshu island.

Type specimens: Lectotype ♀ [BML], here designated: "Type H.T. [p] [round label with red border] \ 14.VI. 81 [h] \ Japan. G. Lewis 1910 – 320 [p] \ *Agrilus brevitarsis* [sic!] Lewis Type [by Lewis hand] \ LECTOTYPE [p] AGRILUS brevitarsis Lewis [h] Ed. Jendek design. 1993 [p] [red label]"

KERREMANS (1903) established the new name *A. lewisi* for *A. brevitarsis* LEWIS, due to the supposed preoccupation of the name *brevitarsis* ERICHSON. However, the name *brevitarsis* ERICHSON is unavailable and does not enter into homonymy (Art. 54 of International Code of Zoological Nomenclature, third edition).

Distribution: So far known only from Japan.

***Agrilus sibiricola* OBENBERGER, 1924**

Agrilus sibiricola OBENBERGER, 1924: 43–44.

Type locality: Russia, east Siberia, Kansk.

Type specimens: Lectotype ♀ [NMP], here designated: "Siberia: Kansk [h] \ Mus. Nat. Pragae Inv. [p] 24257 [h] [orange label] \ *Agrilus sibiricola* m. Type [h] Det. Dr. Obenberger [p] \ LECTOTYPE [p] AGRILUS sibiricola OBNB. [h] Ed. Jendek design. 1994 [p] [red label]"

Diagnosis: 6.0 mm long, related to *A. angustulus* (ILLIGER, 1803) from which it may be distinguished by more robust body, prominent anteropronotal lobe, widened prosternal process and distinctly serrate elytral apices. *A. sibiricola* is known only from a single female (lectotype). More material is needed to solve its species status.

Distribution: So far known only from type locality.

***Agrilus varius* KERREMANS, 1895**

Agrilus varius KERREMANS, 1895: 221–222.

Type locality: "China: Ho-Chan" (KERREMANS 1895).

Type specimens: Lectotype ♀ [MHNP], here designated: "Chine 'Ho-Chan R.P. Mouton [p] \ varius Kerr. Type [h] \ Kerremans Vedit 1895 [p] \ LECTOTYPE [p] AGRILUS varius Kerr., 1895 [h] Ed. Jendek design.1994 [p] [red label]".

Distribution: So far known only from type locality.

***Agrilus viridiobscurus* SAUNDERS, 1873**

Agrilus viridiobscurus SAUNDERS, 1873: 515–516.

Type locality: "Japan" (SAUNDERS 1873); no precise data known.

Type specimens: Lectotype ♀, here designated: "Type H.T. [p] [round label with red border] \ Japan G. Lewis 1910 – 320 [p] \ Agrilus viridiobscurus ES Type [h] \ LECTOTYPE Agrilus viridiobscurus SAUND. 1873 Ed. Jendek design. 1994 [p] [red label]" and one paralectotype ♀ "Subashivi 4.V.–10.V.80" are deposited in BML.

Distribution: So far known only from Japan.

Additional material examined: JAPAN: Fussa City, Tokyo Met., 28.IV. 1977, leg. A. Yamagami [CJB].

***Agrilus daimio* OBENBERGER, 1936**

Agrilus daimio OBENBERGER, 1936c: 140–141.

Type locality: "Japan" (OBENBERGER 1936c); no precise data known.

Type specimens: Lectotype ♀ [NMP], here designated: "Japan [h] \ TYPUS [p] [red label] \ Agrilus daimio m. Type [h] Det. Dr. Obenberger [p] \ Mus. Nat. Pragae Inv. [p] 24890 [h] [orange label] \ LECTOTYPE AGRILUS [p] daimio OBNB. 1936 [h] Ed. Jendek design.1995 [p] [red label]".

Distribution: So far known only from Japan.

Additional material examined: JAPAN: Ibaraki prefecture, Mts. Abukuma, Takahashi city, 4.VII. 1987.

***Agrilus obnotatus* KERREMANS, 1912**

Agrilus obnotatus KERREMANS, 1912: 208.

Type locality: Taiwan, Chiahsien.

Type specimens: Lectotype ♂ [MHNP], here designated: "Kosempo [= Chiahsien] Formosa [= Taiwan] H. Sauter, 1909 [p] \ obnotatus Kerr. Type [h] \ MUSEUM PARIS COLL. CH. KERREMANS 1923 [p] \ LECTOTYPE [p] AGRILUS obnotatus Kerr. [h] Ed. Jendek design.1994 [p] [red label]". Two paralectotypes (I have not studied) from "Kosempo 7.8.1909" and "Taihorinsho 7.8." are preserved in DEI. Another seven specimens in MHNP and two in NMP from "Formosa Kankau (Koshun) H. Sauter IV. 1912" do not belong to type serie.

Distribution: So far known only from Taiwan.

Additional material examined: TAIWAN: Mt. Dayuan-shan, Kaohsiung Hsien, 15.IX. 1988, leg. Ch. Wenlong [CJB].

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