

Genus	Vol. 12 (2): 105-235	Wrocław, 30 VI 2001
-------	----------------------	---------------------

A study on the genus *Chrysolina* MOTSCHULSKY, 1860, with a checklist of all the described subgenera, species, subspecies, and synonyms
(Coleoptera: Chrysomelidae: Chrysomelinae)

ANDRZEJ O. BIENKOWSKI

Zelenograd, 1121-107, Moscow, K-460, 103460, Russia

e-mail: bienkow@access.orgland.ru

ABSTRACT. A checklist of all known *Chrysolina* species is presented. Sixty five valid subgenera, 447 valid species and 251 valid subspecies are recognized. The following new synonymy is established: *Chrysolina* (*Apterosoma* MOTSCHULSKY) (= *Caudatochrysa* BECHYNÉ), *Ch.* (*Synerga* WEISE) (= *Chrysonotum* J. SAHLBERG), *Ch.* (*Sulcicollis* J. SAHLBERG) (= *Minckia* STRAND), *Ch.* (*Bittotaenia* MOTSCHULSKY) (= *Gemellata* J. SAHLBERG, partim), *Ch.* (*Hypericia* BEDEL) (= *Gemellata* J. SAHLBERG, partim), *Ch.* (*Ovosoma* MOTSCHULSKY) (= *Gemellata* J. SAHLBERG, partim, = *Byrrhiformis* J. SAHLBERG, partim), *Ch.* (*Colaphoptera* MOTSCHULSKY) (= *Byrrhiformis* J. SAHLBERG, partim), *Ch. aeruginosa poricollis* MOTSCHULSKY (= *lobicollis* FAIRMAIRE), *Ch. apsilaeana* DACCORDI (= *rostri kubanensis* L. MEDVEDEV et OKHRIMENKO), *Ch. fastuosa biroi* CSIKI (= *fastuosa jodasi* BECHYNÉ, 1954), *Ch. differens* FRANZ (= *trapezicollis* BECHYNÉ), *Ch. difficilis ussuriensis* JACOBSON (= *pubitarsis* BECHYNÉ), *Ch. difficilis yezoensis* MATSUMURA (= *exgeminata* BECHYNÉ, = *nikinoja* BECHYNÉ), *Ch. marginata marginata* LINNAEUS (= *finitima* BROWN), *Ch. pedestris* GEBLER (= *pterosticha* FISCHER DE WALDHEIM), *Ch. reitteri saxonica* DACCORDI (= *diluta* KRYNICKI), *Ch. elbursica* LOPATIN is treated as a subspecies of *Ch. tesari* ROUBAL, *Ch. unicolor alaiensis* LOPATIN - as *Ch. dieckmanni alaiensis*, and *Ch. poretzkyi* JACOBSON as a subspecies of *Ch. subcostata* GEBLER. *Ch. peninsularis* BECHYNÉ is a distinct species, but a subspecies of *Ch. aeruginosa*, *Ch. brahma* TAKIZAWA is a good species, not a synonym of *Ch. lia* JACOBSON (= *freyi* BECHYNÉ), and *Ch. dzhungarica* JACOBSON is a good species, not a synonym of *Ch. alata* JACOBSON. Subgenus *Bittotaenia* MOTSCHULSKY is transferred from *Crosita* to *Chrysolina*. *Ch. palmyrensis* BECHYNÉ (with a subspecies *assurensis* BECHYNÉ) is transferred to the subgenus *Ch.* (*Paradiachalcoidea*). *Ch. auripennis* SAY, *Ch. basilaris* SAY, *Ch. cyanea* SCHAEFFER, *Ch. cribraria* ROGERS, and *Ch. inornata* ROGERS are transferred to the subgenus *Ch.* (*Allohypericia*). *Ch. cilissa* JACOBSON, *Ch. sellata* WEISE, *Ch. lehri* LOPATIN, *Ch. unicolor* GEBLER, and *Ch. dieckmanni* MOHR are transferred to the subgenus *Ch.* (*Chalcoidea*). *Ch. roddi* JACOBSON is included in the subgenus *Ch.* (*Crositops*), *Ch. alaschanica* JACOBSON and *Ch. przewalskyi* JACOBSON, 1898 - in

the subgenus *Ch. (Chrysocrosita)*, and *Ch. subcostata poretzkyi* JACOBSON - in the subgenus *Ch. (Pleurosticha)*. The genus *Cecchiniola* JACOBSON is included in the genus *Chrysolina* as a subgenus. *Timarchomima* (with a single species *T. indica*) is regarded as a separate genus within the subtribe *Chrysolinina*, but not a subgenus of *Chrysolina*. Therefore, *Timarcholina* is a valid subgeneric name for the other former members of *Timarchomima*. Lectotypes of *Taeniosticha poricollis* MOTSCHULSKY, *Chrysomela pterosticha* FISCHER DE WALDHEIM, *Chrysolina nikinoja nikinoja* BECHYNÉ, *Ch. nikinoja exgeminata* BECHYNÉ, *Crosita alaschanica* JACOBSON, and *C. przewalskyi* JACOBSON are designated. *Ch. blanchei* FAIRMAIRE is recorded from Turkey, *Ch. aveyronensis* BECHYNÉ - from Spain, *Ch. numida* REICHE and *Ch. pardoi* CODINA PADILLA - from Tunisia, *Ch. koenigi* JACOBSON - from Kyrgyzstan, *Ch. brunnicornis bermani* L. MEDVEDEV - from Chita reg., *Ch. lopatini* MOHR - from Altai, *Ch. grata grata* - from Sinai, *Ch. analis* - from Algeria, *Ch. marginata borealis* - from Taimyr, and *Ch. eurina* - from European Russia (Moscow reg.) for the first time.

Key words: Entomology, *Coleoptera*, *Chrysomelidae*, *Chrysolina*, checklist, taxonomy.

INTRODUCTION

Chrysolina is a very large and diverse genus of leaf-beetles. Most species are distributed in Europe, Asia and Africa. A small number of species inhabits N. America (including introduced European ones). Some species were introduced into Australia. The last complete catalogue of *Chrysolina* was published by WEISE (1916). In this catalogue the species were arranged alphabetically, not corresponding to the subgenera. A taxonomical review of the genus by BECHYNÉ (1950, 1952) did not include all species known at that time, and some new subgenera and species were described later.

The present checklist is the first step of my taxonomical revision of the genus *Chrysolina* at the subgeneric level.

All available names of generic and specific levels belonging to *Chrysolina* are included. The names, which were first proposed as infrasubspecific ones and not arised to subspecific or specific rank, are unavailable (International Code of Zoological Nomenclature 1999, Art. 10.2). Therefore, I did not include such names in the checklist. The original rank of some old synonyms, which were cited after WEISE (1916), is still unknown to me. Probably, some of them are infrasubspecific and thus unavailable.

Papers devoted to systematics and distribution of certain taxa are numbered, and their respective numbers (in square brackets) are given in the checklist. In the checklist, subgenera, species within each subgenus, and subspecies within each species are arranged alphabetically.

I studied original descriptions of all the subgenera and most of the species, many other taxonomical papers (see References), „*Coleopterorum Catalogus*” (WEISE, 1916), and 45-135 volumes of „*Zoological Record*”. Specimens of 277 species of *Chrysolina* were examined (marked with asterisk in the checklist).

I excluded from the checklist several taxa, which were transferred to *Chrysolina* by DACCORDI (1994): *Chersomela* WEISE, 1914 (one species from S.-W. Africa), *Liomela* WEISE, 1912 (two species from E. Africa), *Omolina* WEISE, 1909 (one species from Africa), *Oreina* CHEVROLAT, 1837 (23 species from Europe and Siberia), *Semenowia* WEISE (4 species from S. Asia), *Timarchida* GANGLBAUER, 1897 (2 species from Europe). The opinion of DACCORDI (1994) is not generally accepted now. Including of the above-listed taxa in the genus *Chrysolina* would require replacement of the several junior secondary homonyms, such as *Chrysolina aurichalcea bohémica* J. MÜLLER, 1948 and *Liomela relucens* DACCORDI, 1976.

TYPE MATERIALS

I have examined type specimens from the following collections:

LC - I.K. LOPATIN's collection, Minsk, Byelarus.

NMB - Naturhistorische Museum Basel, Switzerland.

ZIN - Zoological Institute of Russian Academy of Sciences, St.-Petersburg, Russia.

ZMMU - Zoological Museum of the Moscow State University.

ACKNOWLEDGEMENTS

I am grateful to Dr. G. BASTAZO (Malaga, Spain), Dr. A.E. BRINEV (Moscow, Russia), Dr. Yu.I. CHERNOV (Moscow, Russia), Dr. S. DOBLER (Freiburg, Germany), Dr. O.N. KABAKOV (St.-Petersburg, Russia), Mrs. O.A. KHRULEVA (Moscow, Russia), Dr. S. KIMOTO (Kurume, Japan), Dr. H. KIPPENBERG (Herzogenaurach, Germany), Mr. A.A. KLIMENKO (Tver, Russia), Dr. B.A. KOROTYAEV (St.-Petersburg, Russia), Dr. S. KUZMINA (Moscow, Russia), Dr. M. LANGER (Lichtenwalde, Germany), Dr. I.K. LOPATIN (Minsk, Byelarus), Dr. K.V. MAKAROV (Moscow, Russia), Dr. L.N. MEDVEDEV (Moscow, Russia), Mr. I. V. MELNIK (Moscow, Russia), Dr. Yu.E. MIKHAILOV (Ekaterinburg, Russia), Mr. S.A. MOSIAKIN (Simferopol, Crimea), Dr. N.V. OKHRIMENKO (Krasnodar, Russia), Mr. P.A. OUDOVICHENKO (Moscow, Russia), Mr. V.Yu. SAVITSKY (Moscow, Russia), Dr. G. SCHERER (Munich, Germany), Mr. M.O. SKOMOROKHOV (Moscow, Russia), Dr. A. WARCHAŁOWSKI (Wrocław, Poland), and Mr. M. ZUBER (Kosmonosy, Czechia) for placing *Chrysolina* specimens to my disposal, to Dr. G.S. MEDVEDEV, Dr. N.B. NIKITSKY, and Dr. R.D. ZHANTIEV, for generously allowing me to borrow material from the collections of the Zoological Institute of Russian Academy of Sciences, Zoological Museum of the Moscow State University, and Department of Entomology of the Moscow State University, respectively. Special thanks to go Dr. B.M. Pokryszko (Wrocław University, Poland) for verification of my English.

RESULTS

Abbreviations used in the checklist:

C. - Central
 E. - Eastern
 Eur. - European
 Isl. - Island
 Is. - Islands
 Mt. - Mountain
 Mts.- Mountains
 N. - Northern
 Pen. - Peninsula
 reg. - region
 S. - Southern
 W. - Western

Comments:

1. BECHYNÉ (1950) examined the types of both *Ch. lobicollis* and *Ch. mandarina* and concluded that they were conspecific. I compared the type specimens of *Taeniosticha poricollis* (lectotype is designated below) with both original description and recent interpretation of *Ch. lobicollis* (FAIRMAIRE, 1887 and BECHYNÉ, 1952 respectively) and came to a conclusion that *Ch. lobicollis* is a new junior synonym of *T. poricollis*. According to MOTSCHULSKY (1860), the type locality of *T. poricollis* is “Mongolie”, while *Ch. lobicollis* and *Ch. mandarina* were described from China (Peking and Tai-Yuen-Fou, respectively). I also had at my disposal specimens of *Ch. aeruginosa poricollis* from China only. This subspecies differs from its allies in the shape of pronotum: lateral sides are nearly straight, being narrowed anteriorly and of the same colour as dorsum: bronzy black, shining in both sexes. This colour variation is not known from Mongolia (MEDVEDEV 1980). Therefore, I think that “Mongolie” in MOTSCHULSKY (1860) refers to China.

MATERIAL

Ch. aeruginosa poricollis: Lectotype, female (is designated here) with labels: “Mongol” [pink], “*Taeniosticha poricollis* MOTSCH. Mongol”, “Lectotype *Taeniosticha poricollis* MOTSCHULSKY, 1860. design. BIEŃKOWSKI, 1993” [red], “*Chrysolina aeruginosa poricollis* MOTSCH. A. BIEŃKOWSKI det., 1997” ZMMU; two paralectotypes, females with labels “Mongol” [pink] and “Paralectotype” labels similar to “Lectotype” ZMMU.

2. JOLIVET (1992) included several American species, namely *Ch. auripennis*, *Ch. basilaris*, *Ch. cyanea*, *Ch. cribraria*, and *Ch. inornata* in the subgenus *Pezocrosita*. However, the presence of developed hind wings, shape of aedeagus apex (Figs 1-3), and other morphological features permit me to place them close to Asian species of the subgenus *Allohypericia*.

MATERIAL

Ch. auripennis: New Mexico: one male; Iowa, Bluffton, 9.1916: one female, SHIMEK leg.; Iowa: one male, H. WICKHAM leg.; Texas: one male.

Ch. cyanea: Arizona, Pinal Mount.: one male; Arizona: one male.

Ch. basilaris: California: one male.

3. I examined the specimens, which correspond to the original description of *Ch. aeruginosa peninsularis* and believe this taxon to be a separate species. The main differences between *Ch. peninsularis* and *Ch. aeruginosa* are the following: body is larger, length is: 8.2 mm (male) and 8.3-9.6 mm (female) in the specimens at my disposal, and 7.5-9.0 mm according to BECHYNÉ (1952); pronotum is broadest in the middle or just anteriorly to mid length, with arc-shaped lateral sides; humeral calli are very weak or absent. This species resembles *Ch. aeruginosa* in the aedeagus structure, coloration (above black with bronze reflection, shining in both sexes) and shape of prothoracic hypomeron (impression along outer margin of hypomeron with strong outer border separating smooth marginal stripe which is narrow basally and broad apically). *Ch. peninsularis* was described from Korea (Seoul).

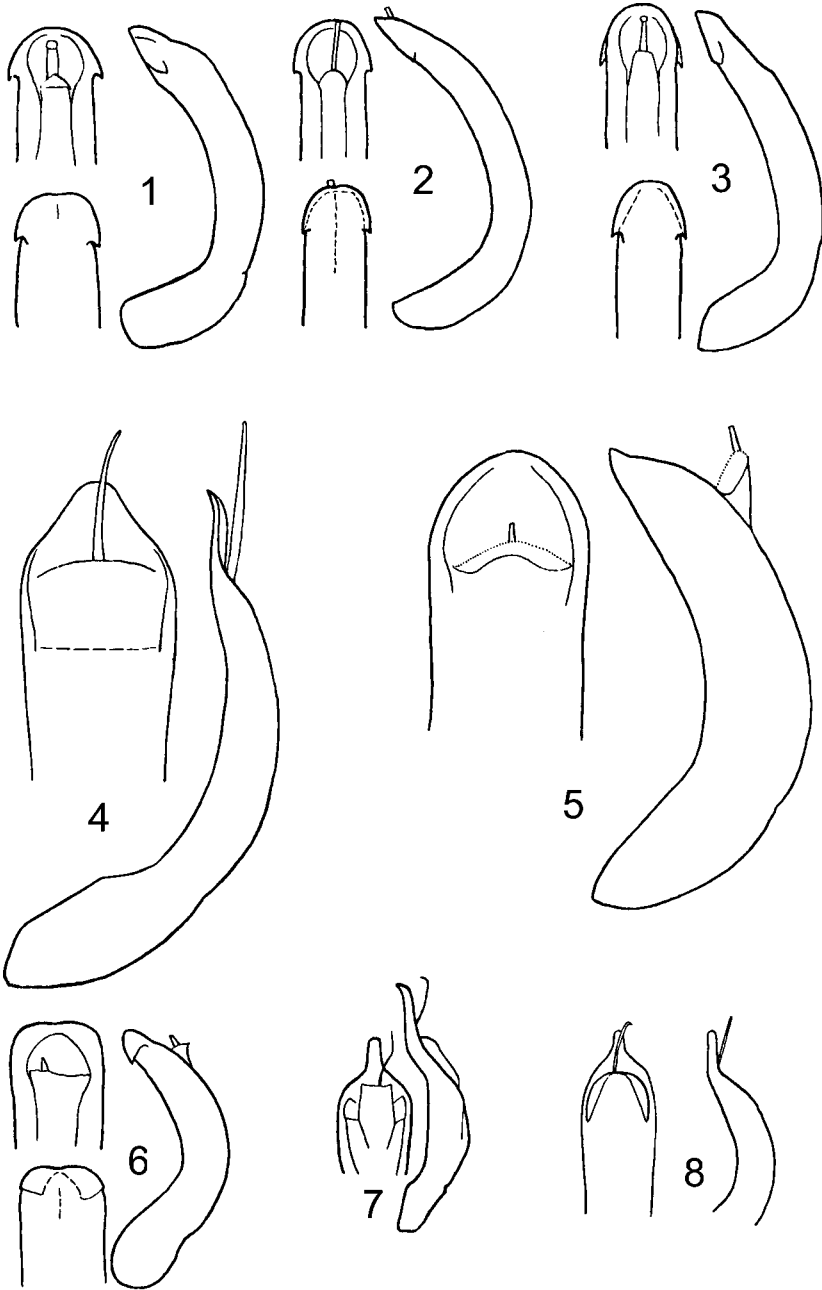
MATERIAL

Ch. peninsularis: Russia: Primorski Krai: envir. Khanka lake, Kamen'-Rybolov, 23.7.1908: 1 male, CHERSKII leg. Uncertain localities: Sombau, 18.9.1900: 1 female, P. SHMIDT leg.; Vanliskhotulev, 27.7.1897: 1 female, GROMBICHEV leg.

4. After publication of the revision (BIENKOWSKI 1998) of the subgenus *Anopachys*, I had a possibility to study the specimens of the rare European Alpine species, namely *Ch. eurina*. Now, I confirm that this species belongs to the subgenus *Anopachys*. The last segment of maxillary palpi in the male of *Ch. eurina* is not „strongly broadened” (BIENKOWSKI 1998), but only slightly broader than in other members of the subgenus *Anopachys*. Recently two specimens of this species were unexpectedly collected by Dr. N.B. NIKITSKY in European Russia (Moscow reg.). The male from this locality is absolutely identical (including aedeagus structure) with the available Austrian specimens.

MATERIAL

Ch. eurina: Austria: envir. Vienna, Kritzendorf, 29.8.1919: 1 male; Austria: 19.8.1919: 1 male. Russia: Moscow reg., Likhovtsy Distr., envir. Chernaja Village, pitfall trap, 27.7.-31.8.2000: one male, one female, N.B. NIKITSKY leg.



1-8. Aedeagus: 1 - *Chrysolina auripennis*, 2 - *Ch. cyanea*, 3 - *Ch. basilaris*, 4 - *Ch. rufilabris*, 5 - *Ch. koenigi* (Kyrgyzstan: N.-E. Turkestaniskii Ridge), 6 - *Ch. sogdiorum*, 7 - *Ch. brahma* (after TAKIZAWA, 1980), 8 - *Ch. lia*

5. Results of my revision of Arctic members of the subgenus *Arctolina* (in preparation for publication now) are presented here.

6. MONROS & BECHYNÉ (1956) designated *Ch. striata* FABRICIUS as a type species of the subgenus *Atechna*. Later, DACCORDI (1980) erroneously mentioned *Ch. duodecimguttata* as type species of the subgenus in question. Among species being at my disposal, *Ch. dissoluta*, *Ch. duodecimguttata*, *Ch. figurata*, *Ch. hebe*, *Ch. pardalina*, *Ch. revestita*, and *Ch. vigintimaculata* correspond to the diagnosis of the subgenus *Atechna* sensu DACCORDI (1980). However, *Ch. tetraspilota*, *Ch. fasciata*, and *Ch. striata* differ from *Atechna* sensu DACCORDI (1980) in the presence of setae along the entire length of elytral epipleura and should be placed close to the subgenus *Camerounia* on the basis of this character. They differ from the latter subgenus in the following characters: last segment of maxillary palpi is narrow, elongate; elytral epipleura are oblique, visible on entire length in lateral view. However, only *Ch. tetraspilota*, *Ch. fasciata*, and *Ch. striata* are real members of the subgenus *Atechna* CHEVROLAT. Therefore, the subgenus *Atechna* requires a revision. *Ch. dissoluta*, *Ch. duodecimguttata*, *Ch. figurata*, *Ch. hebe*, *Ch. pardalina*, *Ch. revestita*, *Ch. vigintimaculata*, and probably some other species should be transferred from *Atechna* to a new subgenus.

MATERIAL

Ch. dissoluta: S. Africa: Cape of Good Hope: 1 male.

Ch. duodecimguttata: S. Africa: Natal: 2 spec.

Ch. fasciata: S. Africa: Cape Province: 1 specimen.

Ch. figurata: S. Africa: Cape of Good Hope: 1 spec.

Ch. hebe: S. Africa: Cape Province: 1 male.

Ch. pardalina: S. Africa: Cape of Good Hope: 5 spec.; Natal: 1 spec.

Ch. revestita: Africa: 1 male without locality data.

Ch. striata: Africa: Transvaal: 1 female; Kenya, Mombasa: 1 female.

Ch. tetraspilota: S. Africa: Cape of Good Hope: 1 spec.; 3 specimens without locality data.

Ch. vigintimaculata: S. Africa: Natal: 1 male, 1 female.

7. BECHYNÉ (1950) considered *Bittotaenia* to be a subgenus of the genus *Crosita* on the basis of the structure of tarsi "Le troisieme article ... est echancre au sommet bien profondement et la brosse du dessous des tarses est interrompue d'un sillon longitudinal glabre". This is true of *Crosita*. However, the species of *Bittotaenia* being at my disposal have the third segment of hind tarsi with a shallower emargination at apex. Hind wings are absent in all members of *Crosita* and present in all members of *Bittotaenia* as well as in a number of representatives of *Chrysolina*. Therefore, I transfer the subgenus *Bittotaenia* from the genus *Crosita* to the genus *Chrysolina*. Within the genus *Chrysolina*, the subgenus *Bittotaenia* is close to the subgenus *Lithocrosita*. Besides, I agree with MEDVEDEV

(1985), who believed *Bittotaenia lia* to be a member of the subgenus *Chrysolina* (*Chalcoidea*). The aedeagus structure (Fig. 8), the shape of pronotum (lateral calli are separated from disc with deep impressions basally and shallow impressions covered with large punctures anteriorly), and coloration (body is black with lateral margin of elytron is red) in this species are typical of *Ch.* (*Chalcoidea*).

MATERIAL

Ch. (Bittotaenia) grata: Iran: Teheran, 8.1949: 1 female, TAGHAVI leg. Turkmenistan: Kjuretdag, Danata, 23.4.1974: 1 male, 1 female, G.S. MEDVEDEV leg.; Firjuza, 1.8.1991: 1 female, P. OUDOVICHENKO leg.; env. Nebit-Dag, 2.4.1993: 1 male, 1 female, D. MILKO leg.; Bolshoi Balkhan ridge, 15.4.1975: 1 male, N. DUBROVIN leg.; Ai-Dere, 28.4.1952: 1 male, 1 female, ILJICHEV leg.; Annau, 17.6.1902: 1 male, P. ANGER leg.; Ashkhabad, 20.6.1977: 1 female. Armenia: Megri, 18.4.1959: 1 male, E. ANTONOVA leg. Azerbaijan: Shusha, 2.4.: 1 female. Afghanistan: N.-E. Gerat, Karokh, 1200 m, 18.11.1969: 1 male, 1 female, O.N. KABAKOV leg.

Ch. (Bittotaenia) aeneipennis: Israel: Negev Des., 4 km SE Shizzafon, 14.4.1994: 1 male.

Ch. (Bittotaenia) turanica: Afghanistan: Gazni, 20 km W Mukara, 2000 m, 12.10.1972: 4 males, 1 female, O.N. KABAKOV leg.

Ch. (Bittotaenia) salviae salviae: Montenegro: Podgorica, 1900: 1 male, 1 female, FUEHRER leg.

Ch. (Bittotaenia) salviae catalonica: Spain: Huesca, Los Monegros-dint, Monegrillo, 15.6.1987: 1 female, MEREGALLI leg.

Ch. (Bittotaenia) salviae sculptipennis: Armenia: Maralik, 1.10.1952: 1 male, DAREVSKY leg.; Azerbaijan: Talysh, 21-24.8.1985: 1 female, V. BELOV leg.; Lenkoran, 23.4.1909: 1 male, KIRICHENKO leg. Georgia: Tbilisi, 18.1.1930: 1 male, 1 female, KIRSHENBLAT leg. Turkey: Trabzon, 6.5.1917: 1 male, 4.2.1917: 1 male, W. EICHLER leg.; Kumalar Daglari Mounts., 1400-2200 m (50 km S Afyon), 21.6.1999: 1 male, S. BENEDIKT leg.

Ch. (Bittotaenia) compuncta: Israel: Jerusalem: 1 male. Turkey: Guelek Bodhaz, 1897: 1 female, M. HOLTZ leg. Iran: Giljan, 19.5.1903: 1 male, 1 female, ZARUDNY leg.

Ch. (Chalcoidea) lia: Iran: Teheran, 1.10.1947: 1 female. Afghanistan: Gazni, 20 km W Mukara, 2000 m, 12.10.1972: 1 male, 1 female, O.N. KABAKOV leg. Tadjikistan: Pamir, 22.6: 2 males, 1 female, N. BOGOJAVLENSKY leg. Turkmenistan: Kopet Dag, 24.9.1935: 1 female, K. ARNOLDI leg.

Crosita clementzae clementzae: Mongolia: 1 male, 1 female.

C. clementzae atasica: Mongolia: 1 male, 1 female.

C. longipes: Altai, Tuva, Mongolia: 6 spec.

C. kowalewskii kowalewskii: Mongolia: 4 males, 3 females.

C. kowalewskii matronula: Mongolia: 1 male.

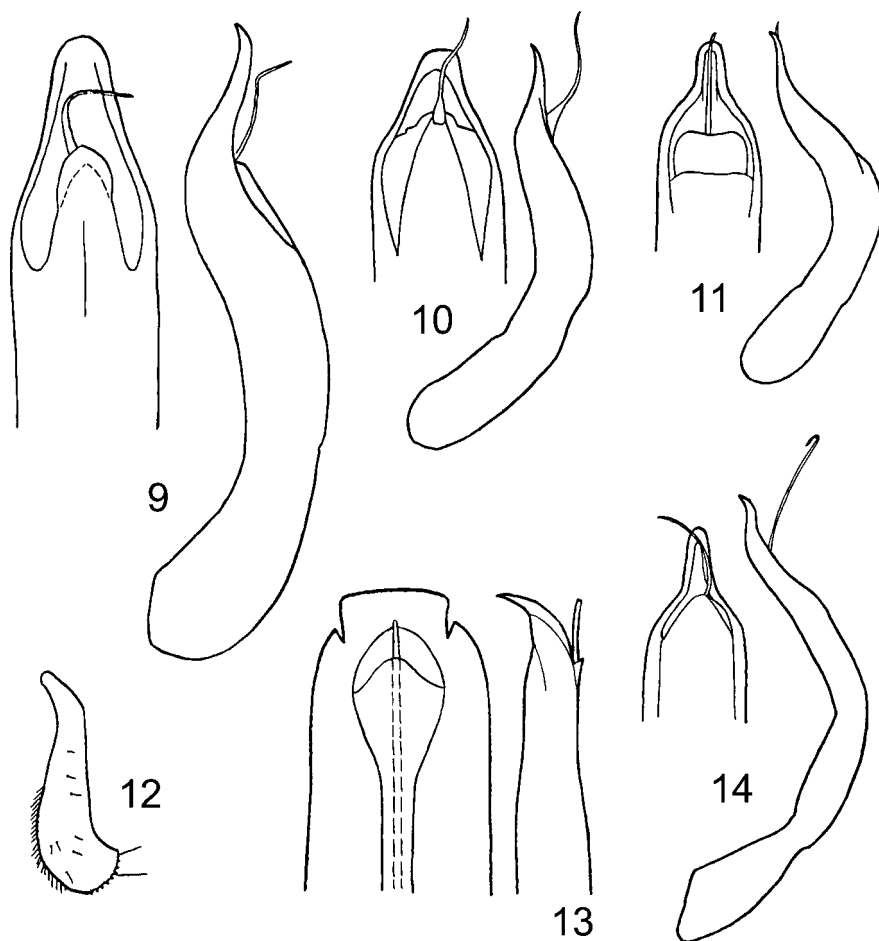
C. kaszabi: Mongolia: 1 male.

C. altaica altaica: Kazakhstan, Kyrgyzstan: 10 spec.

C. altaica faldermanni: Kazakhstan: 1 spec.

C. urumchiana: China, E. Tien Shan: 2 males, 2 females.

C. pigra: Altai, Tuva: 2 males, 1 female.



9-11, 13-14. Aedeagus: 9 - *Chrysolina unicolor*, 10 - *Ch. dieckmanni* (after MOHR, 1966), 11 - *Ch. marginata* (Bering Sea: Providence Bay), 13 - *Ch. roddei* (Russia: Chelyabinsk reg.), 14 - *Ch. analis* (Algeria). 12 - *Ch. (Cecchiniola) platyscelidina*, fore tibia

8. The subgeneric name *Chrysomela* (*Gemellata*) was originally proposed (SAHLBERG 1913) in the combination with the available names *Ch. sahlbergi* MÉNÉTRIÉS, *Ch. didymata* SCRIBA, *Ch. hyperici* FORSTER, *Ch. syriaca* WEISE, and *Ch. aeneipennis* REICHE. The type species was not designated. Therefore, this subgeneric name is available (ICZN, 1999, Art. 12.2.5), and it is a junior synonym of *Bittotaenia* MOTSCHULSKY partim, *Hypericia* BEDEL partim, and *Ovosoma* MOTSCHULSKY partim.

9. Specimen of *Ch. grata* from Egypt (Sinai, Jebel Jibal, 2500 m, 28.1.1998: 1 male, T. PAVLICEK leg.) being at my disposal corresponds to those from Armenia, Azerbaijan, Turkmenistan, Iran, and Afghanistan with respect to most characters (including punctuation of elytral apical slope which is wholly confused and homogeneous) and differs only in sparser and finer punctuation of pronotal disc (interspaces are broader than punctures everywhere). Specimen from S. Turkey (Birecik, 2.5.1994: 1 male, A. TRMAL leg.) is dark bronze with weak greenish tint on elytra and wholly corresponds to the available specimens of *Ch. grata* from Turkmenistan.

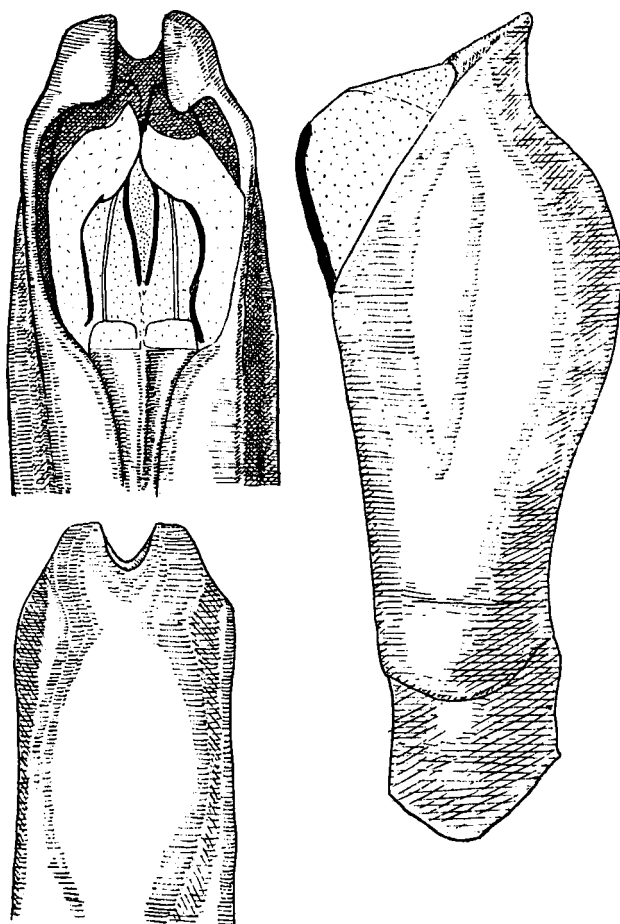
10. In the original description of the genus *Cecchiniola* the author (JACOBSON 1908) pointed out the following combination of diagnostic characters: the second tarsal segment is broad, saucer-shaped (this shape also occurs in various subgenera of *Chrysolina*), the last segment of maxillary palpus is narrower than the previous one (this is also typical of the species of the subgenus *Threnosoma*), tarsi with reduced pubescence beneath (this reduction is pronounced to various degree in males and females of the subgenera *Bittotaenia*, *Allohypericia*, *Chalcoidea*, and in females of *Pezocrosita*), and tibiae broadened apically (Fig. 12) (a similar shape of tibiae is also present in two species of the subgenus *Pezocrosita*, namely, *Ch. tibialis* and *Ch. rufilabris*). Therefore, the mentioned characters do not permit a clear separation of *Cecchiniola* from *Chrysolina*. On the other hand, the single species of *Cecchiniola*, namely *C. platyscelidina*, has very conspicuous complicated aedeagus (Fig. 15). This fact permit to regard *Cecchiniola* as a separate subgenus within the genus *Chrysolina*.

MATERIAL

***Ch. platyscelidina*:** Holotype, male with labels: "Crimea, Almachik, Alma river, 1885, G. RYBAKOV leg." ZIN. Additional materials: Crimea: Simferopol, Dubki, 25.2.1894: 1 male, S. MOKRZECKI leg.; Simferopol, 25.2.: 1 male; Simferopol, 23.3.1907: 1 female, KIRITSCHENKO leg.

11. *Ch. analis* is known to be distributed widely in Western Europe and Ukraine (BOURDONNE & DOGUET 1991). I also have at my disposal the specimens from Russia (Kursk reg., Ryazan reg., Jaroslavl, St.-Petersburg) and Estonia (Tallin). Furthermore, *Ch. analis* is firstly recorded from Northern Africa (Fig. 14) (Algeria, 1860: 1 male, 2 females, C. MORAWITZ leg.).

12. *Chrysolina brahma* (Fig. 7) was described from India (Bashahr State, Chini) (TAKIZAWA 1980) and then suppressed as a junior synonym of *Ch. freyi* by DACCORDI (1982). However, TAKIZAWA (1980) added a number of characters which distinguish *Ch. brahma* from *Ch. freyi*: "Male. Body ... dark reddish brown with dull reflections, slightly infuscate on head and pronotum; epipleuron, coxae, antenna on basal four segments and mouth-parts slightly light brownish"; "tarsi with basal three segments wholly ciliate beneath". "Female. Tarsi with a naked longitudinal area on underside of 1st segment". Therefore, I believe it to be a good species, whereas *Ch. freyi* is a junior synonym of *Ch. lia* (LOPATIN, 1996).



15. *Ch. (Cecchiniola) platyscelidina*, aedeagus

13. BECHYNÉ (1952) considered *Ch. cilissa* as a subspecies of *Ch. sellata*. I examined the holotype (male) of *Ch. cilissa* (Fig. 28), two more females from the type locality, and the original descriptions of both *Ch. cilissa* and *Ch. sellata* (JACOBSON 1924 and WEISE 1894, respectively). I regard *Ch. cilissa* as a separate species which differs from *Ch. sellata* in the coloration of body and the aedeagus structure. Aedeagus of the type of *Ch. sellata* was studied and figured by MEDVEDEV & OKHRIMENKO (1991). I include *Ch. cilissa* in the subgenus *Chalcoidea*, because it is close to *Ch. (Chalcoidea) interstincta* in the sculpture of pronotum and elytra and to *Ch. (Chalcoidea) hyrcana* in the aedeagus structure.

MATERIAL

Chrysomela cilissa: Holotype, male with labels: "Gulek Bodhaz, Taur. cilic. As. min., M. HOLTZ 97", "*Chr. cilissa*", "Holotype *Chrysomela cilissa* JACOBSON, 1924" [red, added by A. BIEŃKOWSKI], "*Chrysolina cilissa* (JACOBSON), A. BIEŃKOWSKI det. 1999" ZIN. Additional materials: 2 females (topotypes) with the same geographic labels.

14. *Ch. dieckmanni* was originally included (MOHR 1966) in the subgenus *Pezocrosita* being close to *Ch. unicolor* (see also remark 21). According to MOHR (1966), *Ch. dieckmanni* has developed hind wings and differs from *Ch. unicolor* mainly in the proportions of aedeagus (Fig. 10). Therefore, I transfer *Ch. dieckmanni* to the subgenus *Chalcoidea*.

15. I believe that the subspecies *alaiensis* is closer to *Ch. dieckmanni* than to nominotypical subspecies of *Ch. unicolor* on the basis of external morphology and aedeagus structure.

16. *Ch. hyrcana* is first recorded from European Russia.

MATERIAL

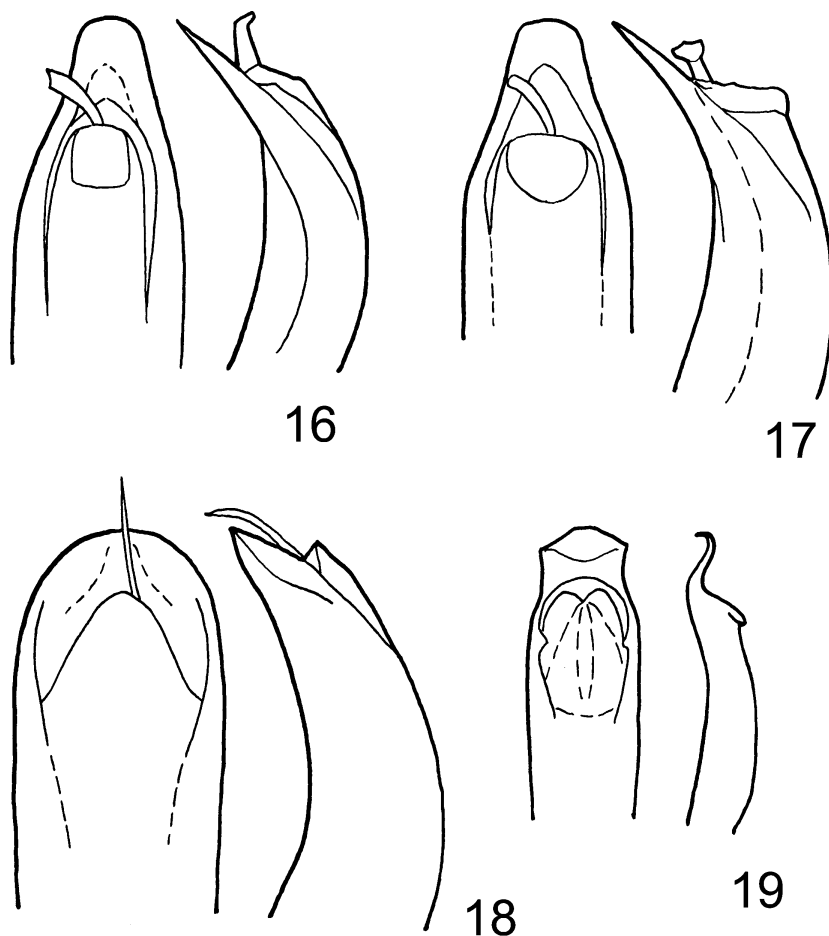
Ch. hyrcana: Russia: Saratov reg.: Aleksandrov-Gai, 24.6.1999: 1 female, A. BIEŃKOWSKI leg.; Volgograd reg.: env. Elton lake, 13.-15.6.1999: 2 males, 2 females, V. SAVITSKY leg.; Astrakhan reg.: env. Basinskaya, 4.-9.7.1998: 2 males, 2 females, V. SAVITSKY, M. SAVITSKY leg.

17. *Ch. lehri* was originally included (LOPATIN 1970) in the subgenus *Pezocrosita*. I transfer this species to the subgenus *Chalcoidea* on the basis of the following combination of characters: body is black or bluish black above, elytron bears rufous lateral stripe; last segment of maxillary palpus is cylindrical, not broader than the previous one, not sexually dimorphic; elytron bears undulated or slightly irregular rows of coarse punctures; hind wings developed. Externally, *Ch. lehri* resembles *Ch. (Chalcoidea) cilissa*. The aedeagus structure is also rather similar in these two species.

MATERIAL

Ch. lehri: S.-E. Kazakhstan: envir. Narynkol, Ak-kungoi Mountains, 2.8.1948: 1 male, BEI-BIENKO leg.; E. Kazakhstan: Zaisan: 1 female; Altai: 25.7.1926: 1 female.

18. *Ch. finitima* was originally described from Alaska (Nome). I examined specimens from the Bering Sea shore (Fig. 11), which, on one hand, are conspecific with *Ch. marginata marginata* from Europe, and, on the other hand, correspond to the original description and figures of aedeagus of *Ch. finitima*. Therefore, I believe *Ch. finitima* to be a new junior synonym of *Ch. marginata marginata*. This synonymy was suspected before (CHERNOV et al. 1993).



16-19. Aedeagus: 16 - *Ch. nikinoja nikinoja* (lectotype), 17 - *Ch. nikinoja exgeminata* (lectotype), 18 - *Ch. koktumensis*, 19 - *Ch. minckwitzi winneguthi*

MATERIAL

Ch. marginata: Bering Sea, Gulf of Anadyr, Providence Bay, 31.8.1910: 4 males, 2 females, STAROKAD leg.

19. ***Ch. marginata borealis*** is found at Taimyr Peninsula for the first time: Taimyr: Tareia, 8.8.1966: 1 male, Yu. I. CHERNOV leg.

20. I compared the original description and figures of aedeagus of *Ch. elbursica* with the specimens of *Ch. tesari* and found these two species to be morphologically very close. *Ch. elbursica* differs from *Ch. tesari* only in the larger body and blackish bronze elytra bearing narrower rufous lateral stripe. Recently, I found *Ch. elbursica* from Western Turkmenistan (BIEŃKOWSKI 1997, determined as *Ch. tesari*). *Ch. tesari* and *Ch. elbursica* have adjoining allopatric areas, are rather close externally and have identical aedeagi, so I believe that *Ch. elbursica* should be considered as a subspecies of *Ch. tesari*.

MATERIAL

Ch. tesari tesari: Russia: Ingushia: Salgi, 29.7.1927: 1 female, KIRICHENKO leg., North-Ossetia: Alagir canyon, Unal, Tragakantniki, 1100 m, 15.9.1988: 1 male, N.A. SHEVCHENKO leg.; Azerbaijan: Lenkoran, 6.7.1901: 1 male, ZAVADSKY leg.

Ch. tesari elbursica: Turkmenistan: Bolshoi Balkhan ridge, N slope, 8.5.1976: 1 male, 3 females, G.S. MEDVEDEV leg.; „Trans Caspi. Eylandt [leg.]”: 1 male; „Transcaspia, in montibus prope Germab”: 1 female, V. PELTZ leg.

21. KONTKANEN (1957), MOHR (1966a), and LOPATIN (1970, 1977) considered *Ch. unicolor* as a member of the subgenus *Pezocrosita*. However, this species has wholly developed hind wings and thrice curved aedeagus with bottle-shaped apex (Fig. 9). These characters permit me to transfer *Ch. unicolor* to the subgenus *Chalcoidea*.

MATERIAL

Ch. unicolor: Kyrgyzstan: Issyk Kul, At-Bashyr, 2600 m, 18.9.1969: 1 male, 1 female; Issyk Kul, Kadzi-Sai, 11.7.1994: 1 female, D.A. MILKO leg.; Naryn, 7-18.7.1923: 1 female, B. KUSIN leg.; Sarydzhas river, envir. Kensu, 7.1962: 1 male, KULIKOV leg.; Kirghizskii Mount., envir. Talas, 1600 m, 27.7.1988: 1 female; Kazakhstan: Alma-Ata reg., Khorgos, 29.5.1965: 2 females, E. SOKOLOV leg.

22. MEDVEDEV (1976) transferred *Crosita alaschanica* and *C. przewalskyi* to the genus *Chrysolina*, but did not include them in any subgenus. I think that these species belong to the subgenus *Chrysocrosita* because of the following combination of characters: last segment of maxillary palpus broader than long, transversely truncate, not sexually dimorphic; pronotum bears convex lateral callus

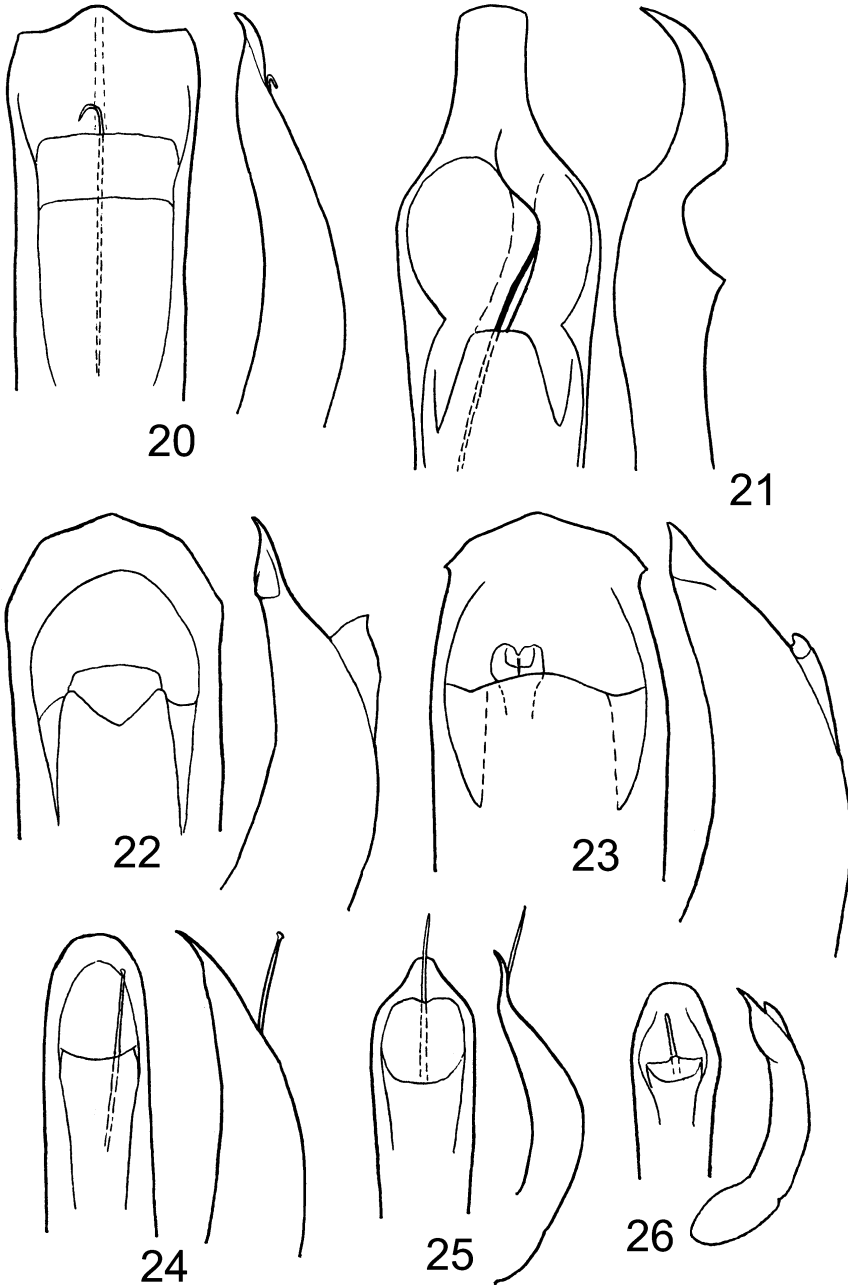
separated from disc by impression at entire length, lateral impression looks like furrow in basal half (as in *Ch. jakowlewi*); humeral callus and hind wing are absent; elytron confusedly punctate with wrinkled interspaces, having 2-3 slightly raised smooth longitudinal bands in *Ch. przewalskyi*, and 10 convex smooth calli (some of them are developed in basal half only), partly covered with punctures in *Ch. alaschanica*; in male, 1st-3rd tarsal segments are enlarged, wholly pubescent beneath; in female, 1st tarsal segment bearing broad glabrous stripe, 2nd with narrow stripe, and 3rd one is wholly pubescent beneath; pygidium bears distinct longitudinal groove at entire length; last abdominal sternum is convex, unmodified in both sexes; aedeagus (Fig. 22, 23) is similar to that of *Ch. spectabilis* and *Ch. jakowlewi*.

MATERIAL

***Ch. alaschanica*:** lectotype, female (is designated here) with labels: "Alashan Mountains Przheval. 20 VI 73", "*Crosita alaschanica* typ Jac. G. JACOBSON det.", "*alashanica* JAC. = *filchnerae* Ws. 1908", "*Chrysolina alashanica* JAC., L.N. MEDVEDEV det. 195...". "Lectotype *Crosita alaschanica* JACOBSON, 1898. A. BIEŃKOWSKI design. 1999" [red] ZIN. Paralectotype, female (is designated here) with labels: "Alashan Mountains Przheval. 20 VI 73", "17768", "*Crosita alaschanica* typ Jac. G. JACOBSON det.", red "Paralectotype" label similar to "Lectotype" ZIN. Additional material: China: Alashan Ridge: gorge Tszosto, 17-26.5.1908: 1 male, 1 female, KOZLOV exp. leg.; gorge Yamata, 5.5.1908: 1 female, KOZLOV exp. leg.; gorge Khotun-gol', 11-23.6.1908: 1 male, KOZLOV exp. leg.

***Ch. przewalskyi*:** Lectotype, male (is designated here) with labels: "74891", "*Crosita przewalskii* typ o Jac. G. JACOBSON det.", "*Chrysolina przewalskii* JAC. L.N. MEDVEDEV det. 195...", "Lectotype *Crosita przewalskyi* JACOBSON, 1898. A. BIEŃKOWSKI design. 1999" [red] ZIN. Paralectotype, female (is designated here) with labels: „75828”, "*Crosita przewalskii* typ Jac. G. JACOBSON det.", red "Paralectotype" label similar to "Lectotype" ZIN. Additional material: N.-E. China: Khingan, 2.6.1891: 1 male, 2.7.1891: 1 female. These specimens are smaller, and with elytra not so coarsely punctate as in the type specimens.

23. LOPATIN (1970, 1977) included *Ch. sogdiorum* in the subgenus *Pezocrosita*. I examined two males and three females of this species and transfer *Ch. sogdiorum* to the subgenus *Chrysocrosita* on the basis of the following combination of characters: last segment of maxillary palpus transverse, truncate, similar in the both sexes; pronotal lateral calli convex and delimited from the disc along whole length, lateral impressions represented by a furrow in basal 1/3, like those in *Ch. (Chrysocrosita) jakowlewi*, humeral calli and hind wings completely absent, elytra with minute confused punctation, 1st-3rd segments of all tarsi in male are wider than the respective ones in female; all female tarsi have the 1st segment with broad glabrous stripe, 2nd with narrow stripe, 3rd *Chrysolina* entirely pubescent beneath; pygidium has a deep furrow on its entire length; 5th abdomi-



20-26. Aedeagus: 20 - *Ch. seriepunctata*, 21 - *Ch. dohertyi*, 22 - *Ch. przewalskyi* (lectotype), 23 - *Ch. alaschanica*, 24 - *Ch. imperfecta* (Russia: Chechnia, Grozny), 25 - *Ch. lopatini* (Siberia: Altai), 26 - *Ch. palmyrensis assurensis* (Iran)

nal sternite is convex in both sexes, without special structures; aedeagus (Fig. 6) is similar to that of *Ch. (Chrysocrosita) spectabilis*.

MATERIAL

Ch. jakowlewi: E. Siberia: Yenisei valley, 16-20.7.1902: 2 males, 1 female, P. SUSHKIN leg.; W. Sayan Mts.: Oiskoe lake, 30.6.1902: 1 female, P. SUSHKIN leg.

Ch. sogdiorum: Kyrgyzstan: "Alatau Geb., E. FISCHER": 1 male. Specimens without locality data from O. STAUDINGER collection: 1 male, 1 female.

Ch. spectabilis: Russia: Tuva: Barun-Khemchik, 8.8.1962: 1 male, 29.7.1962: 1 female, D. BERMAN leg.; Khabarovsk Krai: Badzhalskii Ridge, W part, 40 km S from Mogdy, 1800m, 10-20.7.1997: 3 males, 2 females, A. BRINEV leg.

24. Three males of *Ch. spectabilis* from Khabarovsk Krai being at my disposal correspond to the descriptions of the nominotypical subspecies (MOTSCHULSKY 1860, MEDVEDEV & KOROTYAEV 1975): lateral impression of pronotum is deeper than in both *Ch. spectabilis viridipurpurea* and *Ch. spectabilis polychroma* and spreads on anterior half, elytron is red with discal stripe blackish, with epipleuron and narrow sutural stripe golden. However, two females from the same locality are closer to subspecies *viridipurpurea*: lateral impression of pronotum develops only near its base, elytron is red with broad sutural and lateral stripes goldish green, head and pronotum are green.

MATERIAL

Ch. spectabilis: see remark 23.

25. The subgeneric name *Chrysomela (Chrysonotum)* was originally proposed (SAHLBERG 1913) in combination with available names *Ch. viridana* and *Ch. angelica*. Therefore, this subgeneric name is available (ICZN, 1999, Art. 12.2.5).

26. The subgeneric name *Chrysomela (Byrrhiformis)* was originally proposed (SAHLBERG 1913) in combination with available names *Ch. vernalis* and *Ch. blanchi*. The type species was not designated. Therefore, this subgeneric name is available (ICZN, 1999, Art. 12.2.5), but it is a junior synonym of *Colaphoptera* MOTSCHULSKY partim and *Ovosoma* MOTSCHULSKY partim.

27. BECHYNÉ (1952) considered *Ch. fuscicornis* as a subspecies of *Ch. caspica*. Later MEDVEDEV & OKHRIMENKO (1991) reduced *Ch. caspica fuscicornis* to a synonym of the nominotypical subspecies. I have examined the original description of *Ch. fuscicornis*, description of *Ch. caspica* by WEISE (1892), and available specimens, and concluded that *Ch. fuscicornis* is a separate species, not a synonym or subspecies of *Ch. caspica*. *Ch. caspica* has the following features: body is smaller, more robust, pronotum without longitudinal pit in middle of lateral

impression. *Ch. fuscicornis* is larger (5.5-7.5 mm), more elongate, ovate; pronotal lateral impression bears longitudinal pit at midlength. *Ch. fuscicornis* differs also from *Ch. rosti* in the following characters: *Ch. rosti* is moderately convex, above purplish coppery, with antennae rusty reddish; pronotal lateral callus is separated anteriorly by a weak impression. *Ch. fuscicornis* is rather strongly convex, above coppery violaceous, with antennae pitch-black; pronotal lateral callus is separated by longitudinal pit at midlength. I have examined specimens which, on one hand, correspond to the original description and figure of aedeagus of *Ch. rosti kubanensis*, and, on the other, wholly correspond to the original description of *Ch. fuscicornis*. Therefore, I reduce *Ch. rosti kubanensis* to a synonym of *Ch. fuscicornis*. Contrary to the opinion of WEISE (1892), the lateral furrows at the base of pronotum do not permit to separate *Ch. rosti*, *Ch. fuscicornis*, and *Ch. caspica* from each other; shape and length of these furrows are rather variable. Contrary to the opinion of MEDVEDEV & OKHRIMENKO (1991), the shape of the last segment of maxillary palpi in male does not permit to distinguish these three species. According to the original description (ROUBAL 1912), *Ch. danieli* differs from *Ch. caspica* only in dark brown or olive coloration (questionable distinction), and from *Ch. rosti* in short body (as in *Ch. caspica*!). Therefore, I agree with the opinion of MEDVEDEV & OKHRIMENKO (1991) that *Ch. danieli* is a junior synonym of *Ch. caspica*. WEISE (1892) did not separate *Ch. rosti* from *Ch. fuscicornis* on the basis of elytral punctation. According to LOPATIN (1991), elytral punctures are entirely confused in *Ch. rosti* and more or less regular in *Ch. fuscicornis*. However, I have several males of *Ch. rosti* with elytral punctures partly arranged in rows.

MATERIAL

***Ch. apsilaena (fuscicornis)*:** Russia: Krasnodar Krai: Dagomys, foothills, broad-leaved forest, leaf litter, 25.8.1992: 2 males, 27.8.1992: 1 male, A. BIEŃKOWSKI leg.; env. Dagomys, Bzych, forest, leaf litter, 7.7.1996: 1 male, 1 female, I.V. MELNIK leg.; Sochi, 5.1929: 1 female; Maikop, 10.5.1959: 1 female, D. PANFILOV leg.; Lazarevskoe, 1.7.1985: 2 specimens, A.G. KOVAL leg.

***Ch. caspica*:** Georgia: Gagra: 1 male; Abkhazia, Achandara, 29.5.1961: 1 male, O.N. KABAKOV leg.; Russia: Krasnodar Krai: Bambak, 9.6.1911: 1 male, VOLNUKHIN leg.; env. Maikop, Kishi (Chegs) river, 14.5.1911: 1 male, VOLNUKHIN leg.; Krasnaia Poliana, 7-15.7.: 1 male, KIRITSCHENKO leg.; the same locality, Achishkho ridge, 1500m, 10-15.5.1996: 1 male, A. BRINEV leg.; env. Tkhach Mount., Afonka river: 1 male; Lagonaki upland, 1200m, on *Hypericum*, 14.6.: 1 male, N.V. OKHRIMENKO leg.; Gelendzhik, Markotkh ridge, under stone, 13.8.1987: 1 male, 1 female, A. BIEŃKOWSKI leg.; env. Dagomys, Shakhe river near mouth of Azhu river, 4.7.1996: 1 male, 1 female, I.V. MELNIK leg.; 12 km SE Guzeripl, Abago plateau, forest, 1650-1750m, 16.6.1991: 1 male, K. MIKHAILOV leg.; Caucasus, without locality data, 14.10.1884: 1 male.

Ch. rosti: Russia: Krasnodar Krai: envir. Krasnaia Poliana, Achishkho ridge, 14.7.1984: 1 male, KULIK leg.; Georgia: Tbilisi („Tiflis”), 18.4.1912: 1 male, N.L. PASTUKHOV leg.; Abkhazia: Cebelda: 1 male, Zolotarev leg.; Bzybiskii ridge, 3.4.1960: 1 male, O.N. KABAKOV leg.; Achandara, 29.5.1961: 1 male, O.N. KABAKOV leg.

28. *Ch. blanchei* is recorded from Turkey for the first time.

MATERIAL

Ch. blanchei: S. Turkey: Iskanderun, S. of Harbiye, 650 m, 18.6.1997: 1 male, D. KEITH leg.; S. Anatolia: envir. Yailadagi, 600-900 m (Antakya), 2.4.1982: 1 female, HEINZ leg.

29. *Ch. trapezicollis* is recorded from Turkey for the first time.

MATERIAL

Ch. trapezicollis: N.-E. Turkey: Yalnizcam Gecidi near Savsat, 1800-2200m, 20-21.6.1999: 1 male, T. LACKNER leg.

30. BECHYNÉ (1952) erroneously considered *Ch. differens* as a subspecies of *Ch. porphyrea*. MEDVEDEV & OKHRIMENKO (1991) treated *Ch. differens* as a junior synonym of *Ch. trapezicollis*. Actually, *Ch. differens* and *Ch. trapezicollis* have identical aedeagus structure (FRANZ 1952, BECHYNÉ 1952, respectively) and are conspecific, but the former is a senior (not junior!) synonym of the latter.

31. KIPPENBERG & DÖBERL (1994) proposed a new subgeneric name *Chrysolina* (*Cyrtochrysolina* KIPPENBERG, 1994: 59) in combination with the specific name *Ch. marcasitica*. The description of this subgenus is included in a paper being in press (Dr. H. KIPPENBERG, personal communication).

32. The original description of *Ch. pterosticha* is extremely brief: “Tota aeneo-purpurea thoracis margine incrassato elytris crebre punctatis” (FISCHER DE WALDHEIM, 1842). Jacobson (1897) mentioned *Ch. pterosticha* as a valid species, Weise (1916) included *Ch. pterosticha* as a valid species in the “Coleopterorum Catalogus”, and later nobody cited this name. I found one type specimen in the collection of ZIN. FISCHER DE WALDHEIM (1842) did not note the number of type specimens. So I designate this specimen as a lectotype. Examination of the type specimen shows that it is conspecific with *Ch. pedestris*. Therefore, *Ch. pterosticha* is a new junior synonym of *Ch. pedestris*.

MATERIAL

Chrysomela pterosticha: lectotype, female (is designated here) with labels: “*Ch. pterosticha* Fr. Sp.n.”, “265.”, “Sibir Karel”, “*pterosticha*”, “G. JACOBSON coll.”, “Lectotype *Chrysomela pterosticha* FISCHER DE WALDHEIM, 1842. A.

BIEŃKOWSKI design. 1999" [red], "*Chrysolina pedestris* GEBLER, 1823. A. BIEŃKOWSKI det. 1999" ZIN. Additional material: *Ch. pedestris*: E. Kazakhstan: Kalbinsky ridge, Targyn, 9.7.1949, 1.3.1949, 17.4.1949: 2 males, 2 females, I. TELISHEV leg.; Uljba, 19.7.1906: 1 male, 23.7.1910: 1 female, A. JACOBSON leg.; Zaisan, 1909: 1 male, M. SIJAZOV leg. Russia: Altai Krai: Zmeinogorsk: 1 female.

33. I have not found the type from *Ch. roddi* among the materials of G. JACOBSON's collection (ZIN). Specimens being at my disposal correspond to the original description (JACOBSON 1897) and have a number of characters (including aedeagus structure, Fig. 13) which permit to regard this species as a member of the subgenus *Crositops*: hind wings absent; last segment of maxillary palpus slightly broader than the previous one (male), or similar to the previous one in length and width (female); elytron without humeral callus, with almost entirely confused punctation; pronotum bears narrow convex lateral callus separated from disc by very shallow impression (deepened only near base) covered with numerous large punctures throughout; pygidium bears sharp furrow on entire length; in female, 1st segment of all tarsi bears narrow glabrous stripe in basal 2/3; last abdominal sternite moderately convex, simple.

MATERIAL

Ch. roddi: Russia: Samara reg.: Zhiguli Mount., Usolskaja Volozhka river, 25.6.1926: 1 female, DMITRIEV leg. Chelyabinsk reg.: Ilmensky Reserve, 5.5.1958: 1 male, Yu. I. NOVOZHENOV leg.

34. The name *Chrysolina fastuosa fastuosa* ab. *jodasi* BECHYNÉ, 1950 is unavailable. Later, BECHYNÉ (1954) reduced *Chrysolina fastuosa* var. *biroi* CSIKI, 1953 to a synonym of *Dlochrysa fastuosa jodasi*. However, the name *jodasi* is available since 1954 and not 1950 (ICZN, 1999, Art. 45.5.1). Therefore, the name *biroi* CSIKI is a senior synonym of *jodasi* BECHYNÉ.

35. New replacement names for *Chrysolina nigra* REITTER, namely *Ch. cuprina* ab. *nigritula* BECHYNÉ, 1949 and *Ch. geminata* ab. *lugubrina* CSIKI, 1953, are unavailable. BECHYNÉ (1954) synonymized *Ch. cuprina nigritula* with *Ch. geminata lugubrina*. As a result, *nigritula* BECHYNÉ, 1954 is an available subspecific name, while *lugubrina* CSIKI, 1953 is an unavailable name (ICZN, 1999, Art. 11.6, 50 C). The type locality of the subspecies *nigritula* was not indicated by the author.

36. *Ch. aeruginosa* FALDERMANN sensu WEISE, 1887 is another species, but not real *Ch. aeruginosa*. BECHYNÉ (1950) described *Ch. aeruginosa* sensu WEISE as a new species, namely, *Ch. pubitarsis*. The original description is very brief. The author included this species in the subgenus *Allohypericia* and noted that it differed from all other members of the subgenus in question in the tarsi which are wholly pubescent beneath in both sexes. Specimens of *Ch. (Hypericia) difficilis*

ussuriensis being at my disposal wholly correspond to the description of *Ch. aeruginosa* sensu WEISE (1887) and the original description of *Ch. pubitarsis*. I had no possibility to borrow the type of *Ch. pubitarsis*. However, I examined one female, which was determined by Dr. J. BECHYNÉ as *Ch. pubitarsis*. I found this specimen to be conspecific with *Ch. difficilis ussuriensis*. Therefore, I regard *Ch. pubitarsis* as a new junior synonym of *Ch. difficilis ussuriensis*.

MATERIAL

Ch. difficilis ussuriensis: China: „Mandschurei Weischache Mai 1938“, „*Chrysolina pubitarsis* m. J. BECHYNÉ det., 1950“: 1 female. Russia: Primorski Krai: Kamenushka, 17.8.1987: 1 female, I. NETUZHILIN leg.; S. Sikhote Alin, Promyslovka, 7.9.: 1 male, PERELESHINA leg.

37. According to the original description (BECHYNÉ 1952), the subspecies *Ch. nikinoja exgeminata* differs from the nominotypical one in the following characters: “Die Oberseite ... ist metallisch violett, sehr stark glanzend, Korperform mehr langlich. Die Punktierung des Halsschildes ist feiner (nur so stark als auf den Zwischenräumen der Flügeldecken) aber die sekundäre (in Reihen gestellte) Elytralpunktierung ist grober als bei der Stammform”. I examined the types of both *Ch. n. nikinoja* and *Ch. n. exgeminata* (Fig. 17) and found that they represented the same taxon.

MATERIAL

Ch. nikinoja nikinoja: Lectotype, male (is designated here) with labels: “Niki Noja Corea”, “Holotype *Chrysolina nikinoja* m. det. Dr. J. BECHYNÉ 1950”, “TYPE” [pink], “Lectotype *Chrysolina nikinoja* BECH., 1950. design. BIEŃKOWSKI, 1999” [red], “*Chrysolina difficilis yezoensis* MATS. (=nikinoja BECH.) syn. nov. A. BIEŃKOWSKI det. 1999” NMB.

Ch. nikinoja exgeminata: Lectotype (male) is designated here, with labels: “Chikuanshan S. Mandschur”, “ex Orig. Samlg. J. BREIT Wien” [pink], “TYPE *Chr. nikinoja* ssp. *exgeminata* m. J. BECHYNÉ det., 1952”, “Lectotype *Chrysolina nikinoja exgeminata* BECH., 1952. design. BIEŃKOWSKI, 1999” [red], “*Chrysolina difficilis yezoensis* MATS. (=nikinoja *exgeminata* BECH.) syn. nov. A. BIEŃKOWSKI det. 1999” NMB.

38. I examined the type of *Ch. nikinoja* (Fig. 16) and available specimens of *Ch. difficilis yezoensis* (type of *Ch. yezoensis* studied by TAKIZAWA 1970) and decided that they are conspecific. Therefore, *Ch. nikinoja* is a new junior synonym of *Ch. difficilis yezoensis*.

MATERIAL

Ch. nikinoja: see remark 37.

Ch. difficilis yezoensis: Korea: Jangang-do, 24.9.-1.10.1991: 1 male; Kjesan, 11.7.1985: 1 female.

39. In 1817 GEBLER described *Chrysomela guttata*. Later (GEBLER 1830) he found this name to be a primary junior homonym of *Ch. guttata* FABRICIUS, 1792 and proposed a new replacement name *Ch. musiva*. However, *Ch. exanthematica* WIEDEMANN, 1821 is the oldest available name for this taxon and a senior synonym of *Ch. musiva* GEBLER, 1830.

40. *Ch. aveyronensis* was described from S. France (BECHYNÉ 1950). I also have specimens from S. and S.-E. Spain at my disposal.

MATERIAL

Ch. aveyronensis: S. France: 1 male; S. France: 1 female, DESBROCHERS leg.; Spain: Cape Europe, 11.7.1986: 1 male, MEREGALLI leg.; the same locality, 7.1958: 1 male; Barcelona, 23.8.1985: 1 female, MEREGALLI leg.; Teruel, 23.4.1984: 1 male, DELLA BALTA leg.

41. KASAP (1988) reduced *Ch. halysa halysa*, *Ch. halysa intercalaria*, *Ch. rhodia*, *Ch. orientalis palaestina*, and *Ch. halysa assyrica* to synonyms of *Ch. sahlbergi* on the basis of external morphology and aedeagus structure. Presently, I consider them as separate taxa, because the presence of normal (*Ch. sahlbergi*) or reduced (*Ch. halysa*) hind wings has not been taxonomically revised till now.

MATERIAL

Ch. sahlbergi: Iran: 1948: 1 male; Kerman, 5.1951: 1 female, Farahbakhch leg.; Armenia: Echmiadzin Distr., orchard, under stone, 29.10.1987: 1 female, I.V. MELNIK leg.; envir. Vedi, Acasar, 5.5.1997: 2 females, I.V. MELNIK leg.; Russia: N. Caucasus: 25.5.1908: 1 female, I. SCHUKIN leg.

Ch. halysa: Georgia: Borzhomi, 10.7.1932: 1 female; Armenia: Nakhichevan, Buzgov, 16.5.1982: 1 female, O. GORBUNOV leg.; Azerbaijan: Agdam, 16.5.1973: 1 male, MORZOEVA leg.

42. MÜLLER (1948) noticed that *Ch. minckwitzi* resembled *Ch. (Ovosoma) vernalis* in aedeagus structure. However, later BECHYNÉ (1952) considered *Ch. minckwitzi* as a subspecies of *Ch. (Ovostoma) atrovirens*. I have not seen any specimens of *Ch. atrovirens*. However, the aedeagus (Fig. 19) of the available male of the subspecies *Ch. minckwitzi winneguthi* has the shape which is typical of the subgenus *Ovosoma*, but not *Ovostoma*.

MATERIAL

Ch. minckwitzi winneguthi: Albania: Ipek, Koprivnik Mount., 2200-2300 m, 22.7.1917: 1 male, 2 females, CSIKI leg.

43. *Ch. numida* was known before from Morocco and Algeria (CODINA PADILLA 1961). I found one specimen from Tunisia, which is similar to the available specimens from Algeria.

MATERIAL

Ch. numida: Tunisia: Kairouan, 1907: 1 female, Santhi leg.; Algeria: 2 males, 4 females.

44. *Ch. pardoi* was originally described from N. Morocco (CODINA PADILLA 1961). I found one specimen from Tunisia, which is similar to the available male from Morocco.

MATERIAL

Ch. pardoi: N. Tunisia: Ain Draham, 23-26.4.1997: 1 male, J. MERTLIK leg.; Morocco: 1 male.

45. *Ch. palmyrensis* was originally included (BECHYNÉ 1955) in the subgenus *Diachalcoidea*. GRUEV & TOMOV (1979) examined type specimens of *Ch. palmyrensis* and were the first to provide a figure of the aedeagus, which somewhat differs from those of other members of *Diachalcoidea*. Specimens of *Ch. palmyrensis palmyrensis* and *Ch. palmyrensis assurensis* being at my disposal correspond to the diagnosis of the subgenus *Paradiachalcoidea* DACCORDI, 1978 and are very close to *Ch. silvanae* and *Ch. limbatella* in their aedeagus structure. Therefore, I transfer *Ch. palmyrensis* (including subspecies *assurensis*) to the subgenus *Paradiachalcoidea*. Subspecies *Ch. palmyrensis assurensis* is recorded from Iran for the first time (Fig. 26).

MATERIAL

Ch. palmyrensis palmyrensis: Israel: envir. Jericho, mouth of Jordan river, 21.3.1897: 1 male, 29.3.1897: 1 female, DAVYDOV leg.

Ch. palmyrensis assurensis: Iran: Mehran, 5.1948: 1 male, SARKISSIAN leg.; Khuzestan, spring Cheshme-Rogan, 1.1.1904: 1 female, N. ZARUDNYI leg.; Iran (without locality data): 5.4.1904: 1 male, 1 female, 24.3.1904: 2 males, ZARUDNYI leg. Iraq: Erbil, 24.4.1964: 1 male, A. RIEDEL leg.; "Askikalak nad rz. Wielki Zab", 22-24.4.1961: 1 female, A. RIEDEL leg.

46. JACOBSON established the subgenus *Crosita* (*Pezocrosita*) with the new species *C. kuznetzowi* in a paper included in "Horae societatis Entomologicae Rossicae" for the year 1900, but actually published two years later, in 1902. JACOBSON (1901) described the second species, belonging to the same subgenus, namely *C. (Pezocrosita) sahlbergiana*. The description of *C. sahlbergiana* was published earlier than that of *C. kuznetzowi*. Therefore, *C. sahlbergiana* should be treated as type species of the subgenus *Pezocrosita*. *Pezocrosita* JACOBSON,

1901 is an available name, because it was given in combination with available specific name (ICZN, 1999, 12.2.5). The subgenus *Pezocrosita* is very heterogeneous. I propose to divide it in nine species groups (see Checklist, a review in preparation).

47. LOPATIN (1990) examined the type (female) of *Ch. cyanopurpurea* and included this species in the subgenus *Caudatochrysa*. I studied the mentioned type specimen and 2 more females (including one from the type locality). *Ch. cyanopurpurea* differs from all other species of the subgenus *Caudatochrysa* in the absence of ovipositor, which is formed by modified pygidium and last abdominal sternum in female of true members of *Caudatochrysa*. Moreover, *Ch. cyanopurpurea* is known only from N.-W. China, which is far to the west from the area of *Caudatochrysa*. I transfer *Ch. cyanopurpurea* to the subgenus *Pezocrosita* and place it close to *Ch. petrenkoi*, *Ch. oschanini*, *Ch. juldusana*, *Ch. ketmenica*, and *Ch. koenigi* on the basis of the following combination of characters: hind wings absent; body unicolorous, dark blue, dull; antenna inserted closer to clypeus than to eye; elytron devoid of humeral callus, covered with minute punctures, which are entirely confused or partly arranged in abbreviated undulating rows in basal half; the last segment of maxillary palpus narrow, oval, truncate, similar to the preceding one in length and width; tarsi wholly pubescent beneath except first segment of hind tarsus which is glabrous at the base; pronotum bears convex lateral callus separated from disc by very shallow broad impression at entire length, lateral impression covered with moderately large punctures; pygidium bears distinct longitudinal furrow on entire length.

MATERIAL

Ch. cyanopurpurea: Type, female: „Kuldsha”. Additional material: N.-W. China: Kuldsha: 1 female; river Kash, tributary of river Ili, 1878: 1 female, H. REGEL leg.

48. Unlike most members of *Chrysolina*, *Ch. juldusana* and *Ch. oschanini* have elytral epipleura ciliate from the apex to the level of mid coxae, and *Ch. ketmenica* - to the level of half length of the first abdominal sternite.

MATERIAL

Ch. juldusana: Kyrgyzstan: Tersei Ala Tau, upper reaches of Karkara river, 22.5.1968: 1 male, 1 female, K. IBRAIMOVA leg.; envir. Issyk Kul lake, 22.5.1901: 1 male, 2 females, RIKBEIL leg.; envir. Issyk Kul lake, Turgen Ak Suu, 27.7.1961: 1 female, SOROKINA leg.; Kazakhstan: Terskei Ala Tau, 2700-3100m, 16.6.1990: 1 male, 1 female, E. KOMAROV leg.; Ketmen ridge, envir. B. Aksu, 2900m, 10.6.1991: 1 male, E. KOMAROV leg.

Ch. ketmenica: S.-E. Kazakhstan: Ketmen ridge, envir. B. Aksu, 2900m, 10.6.1991: 1 male, 2 females, E. KOMAROV leg.

Ch. oschanini: Kyrgyzstan: Karkara river, 1-2.6.1910: 1 male, RIKBEIL leg.; envir. Issyk Kul lake, 22.5.1901: 1 male, 1 female, SUVOROVA leg.; Terskei Ala Tau, 2650m, 1.7.1988: 1 female, YANISHEV leg.; S.-E. Kazakhstan: Ketmen ridge, 2600m, 14.6.1991: 1 male, 1 female, DOLIN leg.; N.-W. China: Kuldzha: 1 male.

49. *Ch. koenigi* is recorded from Kyrgyzstan for the first time (Fig. 5).

MATERIAL

Ch. koenigi: Kyrgyzstan: N.E. Turkestanii Ridge, 4 km NW Raigorodskogo glacier, 4 km WNW Archa-Basha, 3500 m, 14.7.1995: 1 male, E. KOMAROV leg.

50. Besides a large series of *Ch. kiritschenkoi* from the type locality (Kyrgyzstan: Kirgizskii Alatau, pass Shamsi), I examined 2 males and 5 females from Kirgizskii Alatau: Barsakelmes gorge, 3300 m, under stones, 21.6.1989, A. PRIKHOD'KO leg.

51. Up to now, only five type specimens of *Ch. mohri* were known (LOPATIN 1970b). They were labelled as follows: "Ala-Tau. Matthiessen". Probably, it means Zailiiskii Ala Tau (Mr. D.A. MIL'KO, personal communication). I have one more specimen at my disposal: Kazakhstan: Cholmon-Ata, 5.7.1984: 1 male, DANILEVSKY leg.

52. Voronova (1985) supposed that *Ch. rufilabris* group occupied an isolated position within the subgenus *Pezocrosita*. I examined specimens of all the species and subspecies belonging to this species group. The aedeagus structure (Fig. 4) indicates that *Ch. (rufilabris)* group is close to the subgenus *Chalcoidea*, and, probably, occupies an intermediate position between *Chalcoidea* and *Pezocrosita*. However, I include this group in the subgenus *Pezocrosita* on the basis of the absence of developed hind wings.

MATERIAL

Ch. brunnicornis brunnicornis: Mongolia: Bajan-Ulegeisky aimak, 50 km SE Altai, 2850 m, 24.7.1976: 1 male, L. MEDVEDEV, N. VORONOVA leg.

Ch. brunnicornis bermani: Russia: Chita reg.: Kodarskii Ridge, 50 km NW Chara, 2500 m: 1 male, 40 km NW Chara, 1500 m: 1 female, 16-25.7.1996, A.E. BRINEV leg.

Ch. brunnicornis vrangeliani: Wrangel Isl.: 5.6.-15.7.1993: 1 male, 1 female; 1984: 1 male, 1 female; 19.6.1989: 3 spec., 15.-25.6.1989: 1 male, 1 female, O. KHRULEVA leg.

Ch. lopatini: Russia: Irkutsk reg.: Olkhonsky Distr., Isl. Ugungoi, 16.7.1982: 2 males, 2 females, E. SAMODERZHENKOV leg. Altai: Ust'Kan, 1000-1200 m, 25-26.7.1927 and 1000-1100 m, 7-10.8.1927, N. GORBUNOV leg.

Ch. pusa: Mongolia: Ulan-Erig, 25.7.1913: 1 male, YURGANOVA leg.; N.-W. Mongolia: 1 male, POTANIN leg.; Russia: Transbaikalia: Yablonovy Range, 25.5.1898: 1 male, G. SUVOROV leg.

Ch. rufilabris: Russia: Transbaikalia: Verkhneudinsk, 7.7.1909: 1 male, 1 female, MATUSEVICH leg.; "Dauria": 1 male, 1 female, F. SAHLBERG & J. SAHLBERG leg.

Ch. sajanica: Russia: Tuva: Iki-Ottuk, 5.-6.1918: 1 male, A. ERMOLAEV leg.

53. Up to now, the subspecies *Ch. brunnicornis bermani* was known only from Yakutia. I have also specimens from Chita reg.

MATERIAL

See remark 52.

54. Besides the specimens of *Ch. lopatini* from Irkutsk reg., I examined two males from Altai. *Ch. lopatini* is recorded from Altai for the first time.

MATERIAL

see remark 52.

55. *Chrysomela poretzkyi* was described on the basis of one female (JACOBSON 1897) from S. Ural. I did not succeed in finding the type among the materials from Dr. G.G. JACOBSON's collection (ZIN). However, I examined four males and 11 females of *Ch. subcostata* from S. Ural (Bolshoi Iremel Mount.). All these males and seven females differ from the typical form of *Ch. subcostata* in confused or irregular 5th-7th elytral puncture rows (or some of them) and correspond to the original description of *Ch. poretzkyi*. Therefore, *Ch. poretzkyi* should be treated as a subspecies *Ch. subcostata poretzkyi*.

56. The type locality of *Ch. paradoxa* is not indicated in the original description (MEDVEDEV 1999). This taxon is based on a single specimen from the collection of the former Martianov's Museum (Minusinsk). Probably, this specimen was collected in the Sayan Mountains.

57. The subgeneric name *Chrysomela (Minckia)* was originally used (STRAND 1935) as a replacement name for *Hoplosoma* MOTSCHULSKY. However, earlier SAHLBERG (1913) proposed a subgeneric name *Chrysomela (Sulcicollis)* in combination with the available name *Ch. chalcites*. Therefore, *Sulcicollis* SAHLBERG, 1913 is a senior subjective synonym of *Minckia* STRAND, 1935.

58. LOPATIN (1977) reduced *Ch. dzhungarica* to a synonym of *Ch. alatavica*. I compared the holotype (female) of *Ch. dzhungarica* with the types (lectotype designated below) and additional specimens of *Ch. alatavica* and concluded that

Ch. dzhungarica was a separate species. The most distinct difference between the mentioned taxa is the shape of the pronotal lateral calli which are narrower in *Ch. dzhungarica* than in *Ch. alatavica*. Besides that, 5th-6th and 7th-8th puncture rows of elytron are slightly paired in *Ch. dzhungarica*, all puncture rows are placed at equal distances from each other in *Ch. alatavica*. The intervals between elytral puncture rows are weakly convex in *Ch. dzhungarica* (as in *Ch. tianshanica*) and rather convex in *Ch. alatavica*. *Ch. dzhungarica* differs from *Ch. tianshanica* (lectotype is designated below) in the shape of pronotal lateral impressions which are deeply incised in basal half, moderately deep anteriorly, covered with numerous large punctures (partly coalescent near base) in *Ch. dzhungarica*, and deeply incised basally as well as apically, but very shallow, covered with sparse, coalescent, hardly visible punctures at middle in *Ch. tianshanica*.

MATERIAL

***Ch. alatavica*:** lectotype, female (is designated here) with labels: golden circle, "Dzharkentsk. Chelokai V.09. Riukbeil", "*Chr. alatavica* typ JAC G. JACOBSON det.", "lectotype *Chrysomela alatavica* JACOBSON. design. BIEŃKOWSKI 1998" [red], "*Chrysolina alatavica* (JACOBSON) det. A. BIEŃKOWSKI 1998" ZIN; paralectotype, female with labels: "Dzharkentsk. r. Ili V.09. Riukbeil", "*Chr. alatavica* typ JAC G. JACOBSON det." ZIN; paralectotype, female with labels: "Dsharkent Heptapotamia (SUVOROW) IV.906", "*Chrys. alatavica* typ. JAC. G. JACOBSON det." ZIN; both paralectotypes with my "paralectotype" and "determination" labels similar to those under lectotype.

***Ch. dzhungarica*:** holotype, female with labels: "fl. Borotala Dshungaria occ. Regel VIII. 78", "99882", "*Chr. dzungarica* typ JAC. G. JACOBSON det.", "Holotype *Chrysomela dzhungarica* JACOBSON" [red], "*Chrysolina dzhungarica* (JACOBSON) det. A. BIEŃKOWSKI, 1998" ZIN.

***Ch. tianshanica*:** lectotype, female (is designated here) with labels: "upper reaches r. Tekesa 11.VIII.07 Ja.I. KOROLKOV", "*Chr. tianshanic...* typ JAC. G. JACOBSON det.", "lectotype *Chrysomela tianshanica* JACOBSON. design. BIEŃKOWSKI, 1998" [red], "*Chrysolina tianshanica* (JACOBSON) det. A. BIEŃKOWSKI, 1998" ZIN.

59. *Ch. imperfecta* was first recorded from the Caucasus ("Transcaucasia") by OKHRIMENKO (1990). I have at my disposal material from the various localities in the Caucasus (Fig. 24).

MATERIAL

Armenia: envir. Vedi, 2 km E from Gorovan, 27.6.1997: 1 spec., I. MELNIK leg. Azerbaijan: Baku, Volchii Vorota, under stones, 22.7.1981: 3 males, 1 female, E.V. SAMODERZHENKOV leg.; Kirovabad, 4.6.1953: 1 female. Georgia: Tbilisi, 24.5.1980: 2 males, 1 female; Karaja, 29.4.1902: 1 male, 1 female, N. SAKHAROV leg.; Borzhomi, 29.4.1909: 1 male, 14.4.1910: 1 female, WINOGRADOW leg.; envir. Tbilisi, Lisi lake, 2-3.3.1894: 2 males, SAPUTIN leg. Russia: Chechnia: Grozny, 20.6.1913: 1 male, N. PLAVILSTSHIKOV leg.

60. The following characters permit me to include *Ch. koftumensis* in the subgenus *Taeniossticha*: body black with rufous elytra, 4th, 6th, and 8th intervals of elytral puncture rows partly darkened, pronotum with convex lateral calli, which are separated from the disc on entire length (lateral impressions resemble those in *Ch. (Taeniossticha) alata*), elytra bear regular puncture rows, or 5th and 6th rows partly confused; in female, 1st tarsal segment bears glabrous stripe at the base beneath; in male, aedeagus (Fig. 18) is strongly curved, broadly rounded at apex, bearing two small denticles before apex at ventral side, flagellum is narrow and long. The structure of aedeagus is similar to that of *Ch. (T.) tianshanica* and *Ch. (T.) kuldzhensis*.

MATERIAL

Ch. koftumensis: Dzhungarian Ala Tau, Sandyktas Mount., 14.8.1991: 1 male, 1 female, I.K. LOPATIN leg.

61. *Chrysomela diluta* KRYNICKI was originally described from Ukraine (environs of Kharkov) (KRYNICKI 1832). WEISE (1916) disregarded this fact and treated *Ch. diluta* KRYNICKI as a junior synonym of *Ch. aegyptiaca* OLIVIER, which is distributed in the Near East and North Africa. The original description of *Ch. diluta* is very brief: "Nigra, elytris obscure testaceis profunde striato-punctatis, interstitiis partius punctulatis". Among the species of *Chrysolina* distributed in Ukraine, *Ch. reitteri saxonica* corresponds to this diagnosis and should be considered as a senior synonym of *Ch. diluta* KRYNICKI. Moreover, the name *diluta* KRYNICKI, 1832 is a junior homonym of *diluta* GERMAR, 1824. The name *diluta* KRYNICKI should not be replaced, because this name is a junior synonym.

62. *Ch. taygetana* was originally described (BECHYNÉ 1952) on the basis of the female specimens only and included in the subgenus *Taeniossticha*. According to the original description, this species differs from all other members of *Taeniossticha* in the structure of female tarsi, which are entirely pubescent, without a trace of glabrous stripe beneath. However, in other respects, including aedeagus structure (Fig. 27), this species is close to other members of *Taeniossticha*.

MATERIAL

Ch. taygetana: Greece: Taigeto Mount., 2200 m, 8.8.1980: 1 male, GUGLIELMI leg.

63. *Ch. dohertyi* was included in the subgenus *Hypericia* by DACCORDI (1980). However, this species has a number of characters, which make it impossible to consider it as a member of this subgenus: pronotal lateral callus separated from disk by wide impression covered with large partly coalescent punctures basally, but not deep narrow furrow as typical of *Hypericia*; aedeagus conspicuous (Fig. 21), flat, with narrow long apical projection, flagellum very narrow,

whip-shaped (in members of *Hypericia*, the aedeagus is rounded in cross-section, without long apical projection, flagellum is thicker, tube-shaped).

MATERIAL

Ch. dohertyi: Vietnam: envir. Shapa, mountains, 1600-2000 m, 25.5.1963: 1 male, O.N. KABAKOV leg.; China: Yunnan, Diaolin Nat. Res., 6.1993: 1 male, 2 females, JENDEK & SAUSA leg.; Yunnan, 26.07N, 103.14E, Dongchuan, 1500-3200m, 28.6.-3.7.1994: 1 male, Vit KUBAN leg.

64. *Ch. kinabaluensis* was originally included (BECHYNÉ 1952) in the subgenus *Pierryvettia* and compared with *Ch. sumatrensis*. I examined specimens from the type locality and additional material, which correspond to the original description of *Ch. kinabaluensis*. This species really bears a superficial resemblance to *Ch. sumatrensis*. However, it has several characters, which do not permit to regard *Ch. kinabaluensis* as a member of the subgenus *Pierryvettia*: elytral epipleura oblique, visible on entire length in lateral view, pronotum bears convex lateral calli separated on entire length by distinct impressions covered with moderately large punctures. Moreover, the aedeagus of *Ch. kinabaluensis* (Fig. 30) differs strongly from those of all other *Pierryvettia* members.

MATERIAL

Ch. kinabaluensis: Kalimantan Isl.: Kinabalu Mountains: 4 males, 6 females; Sabah, Gunung Emas, Crocker Mountains, 15-27.4.1993: 1 male, 2 females, JENIS & STRBA leg.; Sabah, Gunung Emas, 21.3.-20.4.1996: 2 females, J. KADLEC leg.; Sabah, Sandakan, 8-12.4.1996: 1 male, J. LINDA leg.

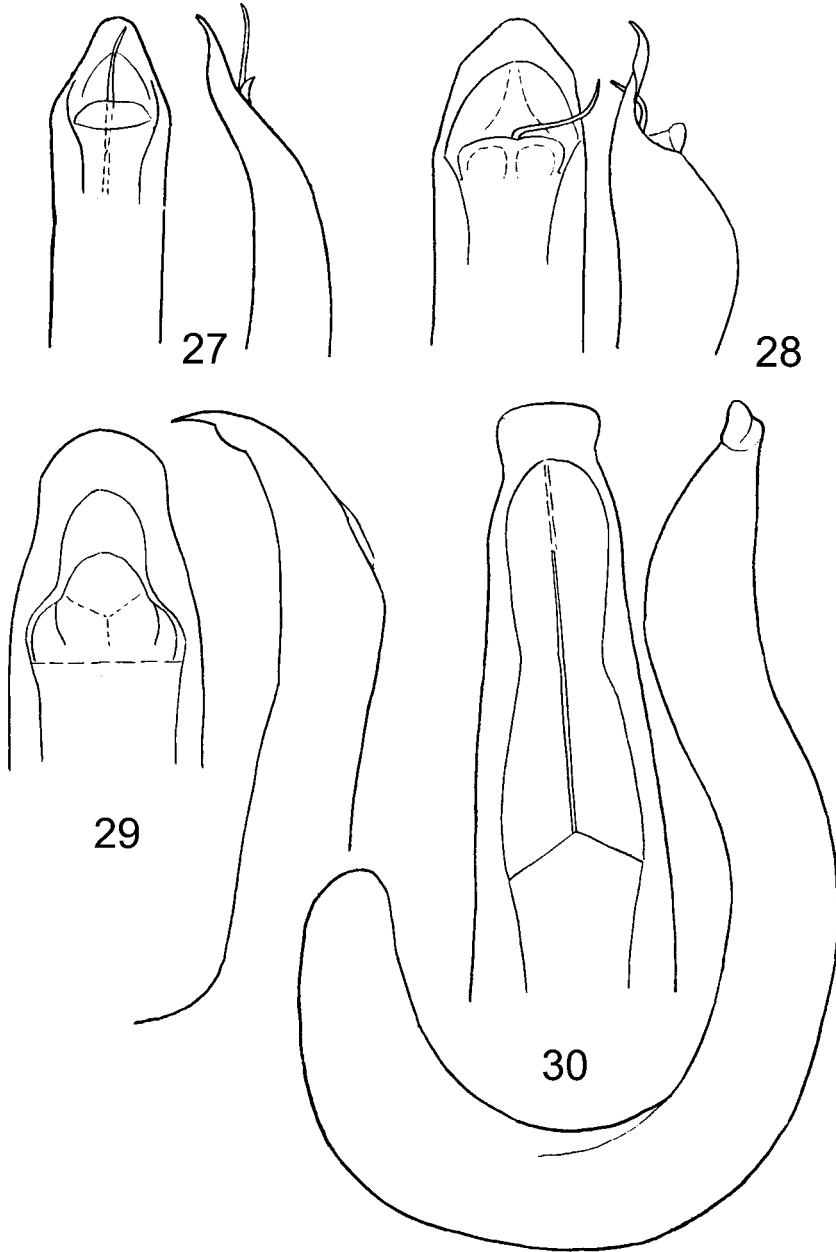
Ch. sumatrensis: Sumatra Isl.: Padang: 1 female.

65. BECHYNÉ (1950) included *Ch. villiersi* in the subgenus *Hypericia*, BOURDONNE & DOGUET (1991) considered it as a member of the subgenus *Chalcoidea*. I examined the type specimen of the subspecies *Ch. villiersi ruficornis*. In this taxon, pronotum bears deep narrow basal furrows, and elytra have regular double puncture rows). In its aedeagus structure (Fig. 29), *Ch. villiersi* differs strongly from all other *Chalcoidea* members. Therefore, I think that it is more justified to consider *Ch. villiersi* as a member of the subgenus *Hypericia*.

MATERIAL

Ch. villiersi ruficornis: paratype, male with labels: „G'Atlas C Maroc”, „Paratipo”, „*Chrysomela villiersi* PEYERH. s.sp. ruficornis mihi KOCHER det.”, „*Chrysol. (Hyper.) villiersi* ssp. ruficornis KOCHER. L. KOCHER det 50” LC.

66. BECHYNÉ (1952) and MEDVEDEV (1992) considered *Ch. seriepunctata* as a member of the subgenus *Allohypericia*. However, this species has quite a different type of the aedeagus structure (Fig. 20): it is flat in cross-section, transversely



27-30. Aedeagus: 27 - *Ch. taygetana*, 28 - *Ch. cilissa* (holotype), 29 - *Ch. villiersi ruficornis* (paratype), 30 - *Ch. kinabaluensis*

truncate and appendiculate at apex, twice curved in lateral view, and resembles that of *Ch. (Chalcoidea) tesari* or *Ch. (Pezocrosita) pusa*, but never occurs in the members of the subgenus *Allohypericia*. The last abdominal sternum in male of *Ch. seriepunctata* bears a semicircular apical impression, like in some species of the subgenus *Pleurosticha*, but never occurs in the species of the subgenus *Allohypericia*. Therefore, I can not assign *Ch. seriepunctata* to any subgenus described before.

MATERIAL

Ch. seriepunctata: Amur reg.: between Malaja Pera and Bolshoj Ergel rivers, 6.6.1958: 1 male; Primorski Krai: environs of Kamenushka, 2.8.1989: 1 female, S. KHVYLIA leg.; Shkotovo, Maikhe, 3.6.1927: 1 female, REZVOJ leg.

67. KASAP (1988) studied the type specimen of *Ch. bruneli*, redescribed this species and figured the aedeagus. This species has coloration which is rare within *Chrysolina* and resembles that of *Ch. koktumensis* and *Ch. nigrovittata*: "Elytra yellowish red with black longitudinal bands one along the suture, other along the middle of each elytron, rest of the body shining black" (KASAP 1988). Unfortunately, KASAP (1988) did not describe the shape of maxillary palpus, position of antennal insertion, shape of prothoracic hypomerion, position of elytral epipleuron, structure of tarsi, pygidium, and the last abdominal sternite, presence or absence of humeral calli and hind wings. Therefore, it is impossible to solve the question of the systematic position of this species.

68. *Ch. indica* has metasternum not extending forward, with anterior border unmarginate at middle. Such a structure of metasternum is present in allied Asian genera, namely, *Humba* CHEN, 1934, *Sphaerolina* BALY, 1871, and *Ambrostoma* MOTSCHULSKY, 1860, and in an African genus *Sphaeratrix* GISTEL, 1848. On the other hand, wholly margined metasternum is typical of *Chrysolina*. Within this large genus, only three African species, namely, *Ch. superba*, *Ch. ambrostomoides* (both are close to Mediterranean *Ch. americana*), and *Ch. beatricis* (unknown to me) have unmarginated metasternum. The structure of prosternum in *Ch. indica* (broadened backwards, with deep emargination at apex) looks like that of members of an Asian genus *Ambrostoma* and Australian genus *Promechus* BOISDUVAL, 1835 and strongly differs from that of other *Chrysolina* members. BECHYNÉ (1950) designated *Ch. indica* as the type species of the subgenus *Timarchomima* BECHYNÉ, 1950: 65. I consider *Timarchomima* to be a monotypic genus within the subtribe *Chrysolinina*. Besides, I was able to examine some other former members of *Timarchomima*, namely, *Ch. clavareau* and *Ch. templetoni*. The shape of prosternum and metasternum in these species is typical of *Chrysolina*. *Ch. templetoni* was designated by BECHYNÉ, 1950 as the type species of the subgenus *Timarcholina*, so the latter name should be treated as a valid subgeneric name.

MATERIAL

Timarchomima indica: India: 1 male.

Ch. clavareau: S. India: Anamalai Hills, Cinohona, 05.1968: 1 male, 1 female.

Ch. templetoni: Sri Lanka: 1 male.

Humba cyanicornis: India: Sikkim: 1 spec.; N. Vietnam: Mauson Mountain: 2 spec.

Sphaerolina rajah: India: 1 spec.

S. templetoni: 1 spec. without locality data.

Sphaeratrix latifrons: Ethiopia: 6 spec.

Promechus pulcher: Isl. Aru, Wamma Dobbo: 1 spec.

69. The name *Ch. ogloblini* MIKHAILOV, 2000 should be replaced by the author owing to the secondary homonymy with *Chrysomela ogloblini* TER-MINASIAN, 1950.

70. The name *plumbeonigra* REITTER, 1913: 114 is unavailable because it was originally proposed for an aberration. Later, BECHYNÉ (1950) used this name for a variety. Therefore, the name *plumbeonigra* BECHYNÉ, 1950: 115 is available (ICZN, 1999, Art. 45.5.1).

CHECKLIST OF CHRYSOLINA

***Chrysolina* MOTSCHULSKY, 1860: 210**

(*Chrysomela* auct. nec LINNAEUS, 1758: 368)
 (*Oreina* MONROS et BECHYNÉ, 1956: 1129 partim)

Type species: *Chrysomela staphylaea* LINNAEUS, 1758 by the original designation.

Subgenus *Allochrysolina* BECHYNÉ, 1950: 133

Type species: *Chrysomela fuliginosa* OLIVIER, by the original designation.

- *confossa** (FAIRMAIRE, 1865: 76) Algeria
 (*dorsalis* WEISE, 1884: 395)
 (*semiopaca* FAIRMAIRE, 1873: 357)
- fuliginosa*** (OLIVIER, 1807: 514)
 *s. str. S. France, N.-E. Spain
 (*coerulea* GMELIN, 1790: 1687) ?
 (*opaca* SUFFRIAN, 1853: 124)
 (*violacea* GOEZE, 1777: 301) ?
 (*violaceocoerulea* FOURCROY, 1785: 106) ?
- *ssp. coriacea** (SUFFRIAN, 1851: 59) C., S. Spain, Portugal
 (*rugipennis* HAROLD, 1875: 140)
- ssp. espanoli** BECHYNÉ, 1950: 134 Spain
- *ssp. galii** (WEISE, 1884: 394) E., C. France, Germany
 (*molluginis* SUFFRIAN, 1851: 57 nec BRAHM,
 1790: 226)
 (*nigrita* FABRICIUS, 1792: 309) ?
- ssp. gendreaui** BECHYNÉ, 1949: 55 W. France
- ssp. microsticha** BECHYNÉ, 1949: 54 N. Italy

lepida* (OLIVIER, 1807: 522)**s. str.**

S. Europe

***ssp. *gastoni* (FAIRMAIRE, 1875: 538)**

N. Africa

(gastoni BECHYNÉ, 1949: 50, lapsus calami)****opacicollis* (FAIRMAIRE, 1865: 77)**

Morocco

Subgenus *Allohypericia* BECHYNÉ, 1950: 159

Type species: *Chrysomela lobicollis* FAIRMAIRE [*aeruginosa poricollis* MOTSCHULSKY], by the original designation.

aeruginosa* (FALDERMANN, 1835: 440)**s. str.**Kazakhstan, Siberia,
Far East, Mongolia
(steppes), N.-W.
China*(dimidiata* MÉNÉTRIÉS, 1836: 181)*(distans* CSIKI, 1901: 116)*(instructa* MOTSCHULSKY, 1860: 228)*(regularis* MOTSCHULSKY, 1860: 228)*(tarda* MOTSCHULSKY, 1860: 228)***ssp. *alpina* L. MEDVEDEV, 1980: 317**S.-W. Mongolia (high-
lands)**ssp. *centralasiae* (LOPATIN, 1970: 253)**S., W. Mongolia (de-
serts), N. China**ssp. *chingana* BECHYNÉ, 1952: 382**

China (Khingan)

ssp. *muralis* (CSIKI, 1901: 116)

China (Khingan)

ssp. *poricollis* (MOTSCHULSKY, 1860: 228)

N.-E. China

(lobicollis FAIRMAIRE, 1887: 331) **Syn. nov.**

[remark 1]

(mandarina ACHARD, 1922: 16)**ssp. *sibirica* WEISE, 1887: 177**

Far East

***arctica* L. MEDVEDEV, 1980: 93**

Wrangel Isl.

- auripennis* (SAY, 1824: 452) [remark 2] N. America
- basilaris* (SAY, 1824: 451) Canada, USA
 (*montivagans* LECONTE, 1878: 463)
 (*subseriata* LECONTE, 1860: 321 nec SUFFRIAN,
 1851: 80)
- **campestris* (WEISE, 1912: 84) Siberia, Mongolia
- cribraria* (ROGERS, 1856: 36) S. USA
- **cyanea* (SCHAEFFER, 1934: 479) W., S. USA
 (*schaefferi* BROWN, 1962: 60)
- inornata* (ROGERS, 1856: 36) Florida
 (*subopaca* ROGERS, 1856: 36)
 (*opacipennis* ROGERS, 1856: 36) ?
- koltzei* (WEISE, 1887: 179)
 *s. str. E. Siberia
 (*daurica* HEYDEN, 1885: 304 nec GEBLER, 1832: 73)
- *ssp. *brunneipennis* (MATSUMURA, 1911: 141) Sakhalin
- *ssp. *lamii* TAKIZAWA, 1970: 118 Primorski Krai, Kurile
 Is., Hokkaido
- nyalamana* CHEN et WANG, 1981: 512 China (Xizang)
- **peninsularis* BECHYNÉ, 1952: 382 [remark 3] Korea, S. Primorski
 Krai
- perforata* (GEBLER, 1830: 216)
 *s. str. W. Siberia, Yakutia,
 Kyrgyzstan,
 Kazakhstan,
 Mongolia, N. China
 (*turczaninoffi* HAROLD, 1875: 176)
 (*variolosa* MOTSCHULSKY, 1854: 40 nec PETAGNA,
 1819: 19)
- *ssp. *changaiensis* L. MEDVEDEV, 1980: 318 W. Mongolia,
 (Khangai)

- *ssp. *pallidipes* L. MEDVEDEV, 1980: 318** S.-W. Mongolia
- ssp. *simillima* (MOHR, 1966: 96)** N. Mongolia,
Transbaikalia, Buryat
- ssp. *tolbensis* L. MEDVEDEV, 1980: 318** N.-W. Mongolia
- **purpurata* (FALDERMANN, 1833: 70)** Kazakhstan, S. Sibi-
ria, Mongolia
- stalii* (BALY, 1862: 95)** N. China
- (*micans* JACOBY, 1893: 105)
- zangana* CHEN et WANG, 1981: 512** China (Xizang)

Subgenus *Altailina* MIKHAILOV, 2000: 133

Type species: *Chrysolina dudkoi* MIKHAILOV, by the original designation.

- dudkoi* MIKHAILOV, 2000: 134**
- s. str.** E. Kazakhstan
- ssp. *ivanovskiana* MIKHAILOV, 2000: 136** E. Kazakhstan
- ogloblini* MIKHAILOV, 2000: 137** W. Altai
- (nec TER-MINASIAN, 1950: 131) [remark 69]

Subgenus *Anopachys* MOTSCHULSKY, 1860: 202

Type species: *Chrysomela asclepiadis* VILLA, by the original designation.

- aurichalcea* (GEBLER, 1825: 39)**
- *s. str.** E. Palaeartic,
Vietnam, Laos,
Taiwan
- (*amethystina* KOLBE, 1886: 228)
- (*collaris* WEISE, 1916: 59)
- (*cupraria* KOLBE, 1886: 229)
- (*elevata* SUFFRIAN, 1851: 189)
- (*fokiensis* BECHYNÉ, 1950: 147)

- (gibbipennis* FALDERMANN, 1835: 105)
(kwanghsiensis BECHYNÉ, 1950: 147)
(nigricans JACOBSON, 1902: 100)
(omisiensis BECHYNÉ, 1950: 147)
(pekinensis FAIRMAIRE, 1887: 331)
(recticollis WEISE, 1887: 182 nec MOTSCHULSKY,
 1860: 225)
(vagesplendens BECHYNÉ, 1950: 148)
(violaceicollis MOTSCHULSKY, 1861: 21)
(wallacei BALY, 1862: 21)
(yunnanica BECHYNÉ, 1950: 148)
- *ssp. *asclepiadis* (VILLA, 1833: 36)** W. Alps, Lombardy,
 Adriatic coast
(thurntaxisi SCHATZMAYR, 1927: 151)
- *ssp. *bohémica* (MÜLLER, 1948: 95)** C. Europe, Ukraine
(problematica KASZAB, 1962: 54 nec VOGEL,
 1871: 11)
(viridisplendens BECHYNÉ, 1958: 91)
- **eurina* (FRIVALDSZKY, 1883: 17) [remark 4]** Austria, Rumania,
 Czech Rep., Slovakia,
 Russia (Moscow reg.)
(perplexa BREIT, 1920: 86) [remark 4]
- **gensanensis* (WEISE, 1900: 282)** E. China, Korea
- **lineella* (WEISE, 1887: 182)** Far East
- **lineigera* (JACOBSON, 1901: 127)** Far East, N.-E. China,
 Sakhalin, Hokkaido
(watanabei TAKIZAWA, 1970: 121)
- **neglecta* BIEŃKOWSKI, 1998: 133** Khabarovsk Krai,
 Primorski Krai
- **pala* BIEŃKOWSKI, 1998: 135** Primorski Krai
- **quadrangulata* (MOTSCHULSKY, 1860: 226)** E. Siberia, Far East,
 N. C. Mongolia
(linaeides WEISE, 1896: 80)

(*linoides* L. MEDVEDEV et AMMOSEV, 1978: 119,
lapsus calami)
(*omoka* JACOBSON, 1924: 83)

- **relucens* (ROSENHAUER, 1847: 62)** Alps, White Sea shore,
Urals, Siberia, Far East
- **schatzmayri* (MÜLLER, 1916: 96)** Gulf of Venice

Subgenus *Apterosoma* MOTSCHULSKY, 1860: 23

(*Caudatochrysa* BECHYNÉ, 1950: 149, type species: *Apterosoma angusticollis* MOTSCHULSKY, by original designation) **Syn. nov.**

Type species: *Apterosoma angusticollis* MOTSCHULSKY, by themonotypy.

- **aino* TAKIZAWA, 1970: 117** Japan (Hokkaido)
- **angusticollis* (MOTSCHULSKY, 1860: 23)** Far East, Japan,
N.-E. China
(*japana* BALY, 1874: 171)
- porosirensis* TAKIZAWA, 1970: 120** Japan (Hokkaido)
(*porosinensis* BOURDONNE et DOGUET, 1991: 156,
lapsus calami)

Subgenus *Arctolina* KONTKANEN, 1959: 31 [remark 5]

Type species: *Chrysomela birulai* JACOBSON [*subsulcata* MANNERHEIM], by the original designation.

- **ballioni* (LOPATIN, 1968: 549)** Kazakhstan
- **boeberi* (HAROLD, 1874: 3415)** Kamchatka,
Okhotsk Sea shore,
Chukot Pen.
(*magniceps* SAHLBERG, 1887: 38)
(*sulcata* GERMAR, 1824: 589 nec GEBLER, 1823: 123)
- **bungei* (JACOBSON, 1910: 62)** Arctic Asia

- caurina* BROWN, 1962: 60 N. America
- **cyanella* (GEBLER, 1830: 213) Altai
- dolini* LOPATIN, 1999: 891 S.-E. Kazakhstan
- dubeshkoe* L. MEDVEDEV, 1974: 181 Mongolia
- (*bannikovae* L. MEDVEDEV, 1978: 193
bannikovay L. MEDVEDEV, 1978: 193, lapsus calami)
- kaikana* LOPATIN, 1992: 5 Kazakhstan
- kryzhanovskii* (LOPATIN, 1968: 550) Kazakhstan
- **octocosta* (JACOBSON, 1924: 78) Kazakhstan
- oirota* LOPATIN, 1990: 50 Altai
- **saurica* (JACOBSON, 1924: 78) E. Kazakhstan
- **septentrionalis* (MÉNÉTRIÉS, 1851: 73) N. Asia, Urals,
 Komi, Krasnojarsk
 Krai, Irkutsk reg.,
 Novaya Zemlya
- (*kuznetzowi* JACOBSON, 1897: 434)
sculpturata JACOBSON, 1895: 548)
tundralis JACOBSON, 1910: 65)
- **subsulcata* (MANNERHEIM, 1853: 254) Arctic Asia,
 Wrangel Isl.,
 New Siberian Is.,
 Alaska, Is. of Bering
 Sea, Strait
- (*birulai* JACOBSON, 1910: 56)
glacialis JACOBSON, 1910: 59)
- **tastavica* LOPATIN, 1992: 6 Kazakhstan
- **teleuta* (JACOBSON, 1922: 521) Altai
- (*teleutica* L. MEDVEDEV et DUBESHKO, 1992: 108,
 lapsus calami)
- valichanovi* LOPATIN, 1990: 53 S.-E. Kazakhstan

***wollosowiczi** (JACOBSON, 1910: 59) Arctic Asia, N. Alaska

(*novosibirica* JACOBSON, 1910: 60)

Subgenus *Atechna* CHEVROLAT, 1833: 403 [remark 6]

(*Polysticta* HOPE, 1840: 164, type species: *Chrysomela guttata* FABRICIUS [*pardalina* FABRICIUS], by the original designation).

(*Atechna* CHEVROLAT, 1843: 282, type species is not designated).

Type species: *Chrysomela striata* FABRICIUS, designated by MONROS & BECHYNÉ, 1956.

***burgeoni* BECHYNÉ, 1948: 538**

s. str.

Kongo

ssp. *quangoensis* BECHYNÉ, 1948: 540

Angola

***catenata* (VOGEL, 1871: 9)**

S. Africa

***clathrata* (CLARK, 1864: 173)**

S. Africa

***coelophoroides* (VOGEL, 1871: 11)**

S. Africa

***consimilis* (CLARK, 1864: 172)**

S. Africa

****dissoluta* (VOGEL, 1871: 11)**

S. Africa

****duodecimguttata* (THUNBERG, 1787: 44)**

S. Africa

(*mansueta* DACCORDI, 1976: 35)

(*modesta* CLARK, 1864: 170 nec FABRICIUS, 1792: 323)

(*quatuordecimguttata* FABRICIUS, 1798: 85)

****fasciata* (DEGEER, 1778: 662)**

S. Africa

(*alternans* FABRICIUS, 1794: 447)

(*cribrosa* THUNBERG, 1821: 179 nec AHRENS, 1812: 1)

(*duodecimlineata* THUNBERG, 1821: 179)

(*linea* FABRICIUS, 1796: 42)

(*lineolata* CLARK, 1864: 123)

(*nigrofasciata* CLARK, 1864: 120)

- (*novemvittata* FABRICIUS, 1781: 120)
 (*picturata* CLARK, 1864: 122)
 (*pulchella* CLARK, 1864: 120)
 (*vittata* FABRICIUS, 1787: 69)
- **figurata* (CLARK, 1864: 172)** S. Africa
- (*guttata* VOGEL, 1871: 104 nec FABRICIUS, 1792: 313)
 (*varivestis* VOGEL, 1871: 10)
- haagi* (VOGEL, 1871: 11)** S. Africa
- haemograpt* BECHYNÉ, 1948: 537** S. Africa
- **hebe* (CLARK, 1864: 173)** S. Africa
- (*lynx* VOGEL, 1871: 9)
- interruptofasciata* (JACOBY, 1898: 241)** S. Africa
- lineoligera* (VOGEL, 1871: 8)** S. Africa
- marginepicta* (VOGEL, 1871: 9)** S. Africa
- marshalli* (CLARK, 1864: 121)** S. Africa
- multifida* (CLARK, 1864: 170)** S. Africa
- (*flavosparsa* CLARK, 1864: 174)
- palliata* (VOGEL, 1871: 11)** S. Africa
- **pardalina* (FABRICIUS, 1781: 106)** S. Africa
- (*decempustulata* THUNBERG, 1787: fig. 4)
 (*guttata* FABRICIUS, 1792: 313)
 (*subcruciata* CLARK, 1864: 117)
 (*vigintiguttata* OLIVIER, 1807: 533)
- polyops* (VOGEL, 1871: 9)** S. Africa
- problematica* (VOGEL, 1871: 11)** S. Africa

- progressa* (VOGEL, 1871: 11) S. Africa
- pulla* (SWARTZ, 1808: 253) S. Africa
(*nigra* CLARK, 1864: 121 nec FOURCROY, 1785: 106)
- repanda* (WIEDEMANN, 1821: 179) S. Africa
- *revestita* (VOGEL, 1871: 10) S. Africa
- sexlineata* (THUNBERG, 1821: 179) S. Africa
(*soluta* CLARK, 1864: 123)
- *striata* (FABRICIUS, 1781: 122) S. Africa
- taeniolata* (VOGEL, 1871: 9) S. Africa
- *tetraspilota* (VOGEL, 1871: 10) Africa
- tortuosa* BECHYNÉ, 1948: 539 Angola
- tricolor* (VOGEL, 1871: 9) S. Africa
- *vigintimaculata* (CLARK, 1864: 169) S. Africa
(*vicenaria* VOGEL, 1871: 11)
- vigintipustulata* (THUNBERG, 1787: 44) S. Africa
(*vigintiguttata* CLARK, 1864: 169 nec OLIVIER, 1807: 533)
- vigintiquatuorsignata* (THUNBERG, 1808: 241) S. Africa
- vulpecula* (VOGEL, 1871: 11) S. Africa
- vulpina* (FABRICIUS, 1781: 122) S. Africa
(*bipustulata* THUNBERG, 1787: 44)
(*coccinelloides* THUNBERG, 1787: 44)
(*ebraea* FABRICIUS, 1798: 86)
(*octopustulata* THUNBERG, 1787: 44)

Subgenus *Atlasiana* BOURDONNE et DOGUET, 1991: 57

Type species: *Chrysomela seriatipora* FAIRMAIRE, by the original designation.

**seriatipora* (FAIRMAIRE, 1867: 415) Algeria

(*edughensis* FAIRMAIRE, 1873: 357)
 (*seriatopora* BECHYNÉ, 1950: 184, lapsus calami)
 (*seriatophora* BECHYNÉ, 1950: 155, lapsus calami)

Subgenus *Bechynea* L. MEDVEDEV, 1966: 40

Type species: *Chrysolina kabakovi* L. MEDVEDEV [*nikolskyi* JACOBSON, 1898], by the original designation.

**nikolskyi* (JACOBSON, 1898: 200) Amur reg., Sakhalin,
S. Kurile Is.

(*Timarcha kawakami* MATSUMURA, 1911: 141)
 (*kabakovi* L. MEDVEDEV, 1966: 41)

sulcicollis (FAIRMAIRE, 1887: 330)
s. str.

China, Korea

ssp. adzhalamica L. MEDVEDEV, 1970: 162

S. Khabarovsk Krai

**ssp. solida* (WEISE, 1898: 207)

Korea

(*koreana* CHÛJÔ, 1941: 68)

**ssp. sutschanica* L. MEDVEDEV, 1970: 161

S. Primorski Krai

Subgenus *Bechyntia* BOURDONNE, 1977: 330

Type species: *Chrysolina platypoda* BECHYNÉ, by the original designation.

**milleri* (WEISE, 1884: 162)

Croatia, Krain

**montana* (GEBLER, 1848: 23)

Altai

philotesia DACCORDI et RUFFO, 1980: 357

Greece

- platypoda* BECHYNÉ, 1950: 62 S. France
substrangulata BOURDONNE, 1986: 237 Hungary

Subgenus *Bittotaenia* MOTSCHULSKY, 1860: 206 [remark 7]

(*Gemellata* J. SAHLBERG, 1913: 247, partim, type species not designated) **Syn. nov.** [remark 8]

Type species: *Chrysomela salviae* GERMAR, by the original designation.

- **aeneipennis* (REICHE, 1858: 328)** Asia Minor, Syria, Palestine
 (*derelicta* MARSEUL, 1887: 84)
 (*subcoerulea* SAHLBERG, 1913: 246)
 (*tripolitanica* BECHYNÉ, 1950: 178)
- brancuccii* (DACCORDI, 1982: 406)** Oman
- **compuncta* (WEISE, 1898: 191)** Asia Minor, Syria, Palestine, Cyprus, Libya
 (*aeneipennis* MARSEUL, 1887: 85 nec REICHE, 1858: 328)
- grata* (FALDERMANN, 1837: 361)**
 **s. str.* C. Asia, Iran, Caucasus, Afghanistan, Sinai [remark 9]
 (*megriensis* TER-MINASIAN, 1950: 131)
- ssp. nigrolucens* (LOPATIN, 1985: 770)** C. Iran
- leonardii* (DACCORDI, 1976: 79)** Sinai
- **mellyi* (Stål, 1857: 60)** China, India, Afghanistan, Iran, Himalaya
 (*coelestina* BALY, 1879: 193)
- salviae* (GERMAR, 1824: 586)**
 **s. str.* Europe, Syria
 (*cuprina* REDTENBACHER, 1849: 548)

- **ssp. catalonica* (BECHYNÉ, 1950: 178) Spain (Catalonia)
- **ssp. sculptipennis* (FALDERMANN, 1837: 359) Caucasus, Asia Minor
- **turanica* (REITTER, 1888: 31) Turkmenistan,
Afghanistan

Subgenus *Camerounia* JOLIVET, 1949: 7

(*Polystictella* BECHYNÉ, 1952: 355, type species: *Chrysomela clarki* BALY, by the original designation)

Type species: *Iscadida ornata* BALY, by the original designation.

- **clarki* (BALY, 1864: 227) S., E. Africa
(*malvernensis* ACHARD, 1914: 53)
- coarctata* WEISE, 1912: 83 C. Africa
(*ornata* BALY, 1876: 79 nec AHRENS, 1812: 13)
- curata* (WEISE, 1907: 135) ? E. Africa
- duodecimstillata* (WEISE, 1898: 207) Africa (Uzambara)
- elysia* BECHYNÉ, 1954: 662 Tanganyika
- guttipennis* (WEISE, 1912: 138) C. Africa
- latipleura* BECHYNÉ, 1952: 384 Africa (N.-Uluguru)
- semirufa* (FAIRMAIRE, 1894: 335) Mozambique

Subgenus *Cecchiniola* JACOBSON, 1908: 624 Stat. nov. [remark 10]

Type species: *Chrysomela platyscelidina* JACOBSON, by the original designation.

- **platyscelidina* (JACOBSON, 1898: 201) Crimea

Subgenus *Centoptera* MOTSCHULSKY, 1860: 207

Type species: *Chrysomela regalis* OLIVIER, [*bicolor* FABRICIUS], by the original designation.

****bicolor* (FABRICIUS, 1775: 95)** Mediterranean basin

- (*canariensis* BRULLÉ, 1838: 73)
 (*consularis* ERICHSON, 1841: 190)
 (*dolorosa* FAIRMAIRE, 1873: 359)
 (*lusitanica* GMELIN, 1790: 1688 nec FABRICIUS, 1781: 116)
 (*marseuli* KOCHER, 1958: 58 nec WEISE, 1898: 200)
 (*mima* MARSEUL, 1887: 99)
 (*nigropunctata* REITTER, 1872: 175)
 (*regalis* OLIVIER, 1807: 538)
 (*scovitzii* MÉNÉTRIÉS, 1832: 235)
 (*scovitzi* WEISE, 1916: 61, lapsus calami)

Subgenus *Chalcoidea* MOTSCHULSKY, 1860: 209

Type species: *Chrysomela marginata* LINNAEUS, by the original designation.

***amasiensis* (WEISE, 1894: 92)** Turkey

- (*lepida* BRULLÉ, 1832: 270 nec OLIVIER, 1807)
 (*brullei* PORTEVIN, 1934: 232)

****analis* (LINNAEUS, 1767: 592)** Europe, Algeria [remark 11]

- (*lomata* HERBST, 1783: 54)
 (*prasina* SUFFRIAN, 1851: 85)
 (*schach* FABRICIUS, 1792: 326)

***bechynei* (GRESSITT et KIMOTO, 1963: 311)** W. China

***brahma* TAKIZAWA, 1980: 51** [remark 12] India

***carnifex* (FABRICIUS, 1792: 325)**

**s. str.*

C., E. Europe

- (*konowi* WEISE, 1889: 127)

ssp. *burdigalensis* BECHYNÉ, 1949: 86 France

- *ssp. *coerulescens* (SUFFRIAN, 1851: 76)** E. France, W. Germany
- *ssp. *cruentata* (SUFFRIAN, 1851: 74)** C. Spain, Portugal
- ssp. *fossulata* (SUFFRIAN, 1853: 101)** Spain (Catalonia)
- **cilissa* (JACOBSON, 1924: 81) [remark 13]** Turkey
- **cinctipennis* (HAROLD, 1874: 3416)** Hungary, Eur. Russia, Kazakhstan, Kyrgyzstan, Daghestan
- curvilinea* (WEISE, 1884: 164)** C., S. Spain
(*janbechynei* COBOS, 1953: 129)
- dieckmanni* (MOHR, 1966: 94) [remark 14]**
s. str. “Dsungarei”
- ssp. *alaiensis* LOPATIN, 1998: 833 [remark 15]** Kyrgyzstan
- extorris* BROWN, 1962: 61** California
- flavomarginata* (SAY, 1824: 452)**
***s. str.** USA
- *ssp. *vidua* (ROGERS, 1856: 36)** USA
- hudsonica* BROWN, 1937: 35** North of N. America
- **hyrcana* (WEISE, 1884: 389)** S.-E. Eur., Russia [remark 16], N.-E. Turkey, N.-W. Iran, Armenia, Azerbaijan, Kazakhstan
(*chalybea* BRANCSIK, 1899: 103)
(*cyanescens* JACOBSON, 1894: 159)
- **instabilis* (MAEKLIN, 1877: 30)** N Asia
- interstincta* (SUFFRIAN, 1851: 79)**
s. str. C., S. Italy
(*depressa* FAIRMAIRE, 1854: 317)

- *ssp. *graellsii* (A. PEREZ, 1872: 124)** C. Spain
- ssp. *coiffaiti* BECHYNÉ, 1949: 85** S.-W. France
- *ssp. *subseriata* (SUFFRIAN, 1851: 80)** C., S. France
(haemoptera ROSSI, 1790: 74 nec LINNAEUS, 1758: 369)
- **lehri* (LOPATIN, 1970: 184) [remark 17]** S.-E. Kazakhstan
- **levi* OKHRIMENKO, 1990: 64** Krasnodar Krai, (Taman)
- **lia* (JACOBSON, 1895: 551) [remark 7]** C. Asia, Afghanistan
(freyi BECHYNÉ, 1950: 167)
(haarlovi JAKOB, 1962: 194)
- manipurensis* MAULIK, 1926: 20** India
- marginata* (LINNAEUS, 1758: 371)**
***s. str.** Europe, Siberia, Far East, Alaska
(cinctella GYLLENHAL, 1827: 650)
(finitima BROWN, 1962: 60) **Syn. nov.** [remark 18]
(solitaria WEISE, 1884: 391)
- *ssp. *bodemeyeri* (WEISE, 1910: 36)** Iran, Iraq, Syria, C. Asia
(subfasciata MELICHAR, 1912: 35)
- *ssp. *borealis* L. MEDVEDEV, 1980: 94** N. Urals, Yamal, Taimyr [remark 19]
- *ssp. *circumducta* (MÉNÉTRIÉS, 1835: 268)** C. Asia, Kazakhstan, Mongolia
(songorica GEBLER, 1843: 39)
(sulcata FISCHER, 1842: 25)
- ssp. *dierythra* (ROTTENBERG, 1871: 243)** Sicily
(convexior BECHYNÉ, 1948: 15)

- ssp. *glacialis* (WEISE, 1884: 391)** W. Alps
- ssp. *iniussa* BECHYNÉ, 1950: 165** Spain (Catalonia)
- ssp. *luteocincta* (FAIRMAIRE, 1864: 647)** N. Africa
- ssp. *marginicollis* (DERENNE, 1949: 171)** Belgium
- ssp. *portai* BECHYNÉ, 1948: 15** N. Italy
- ssp. *purini* (JACOBSON, 1895: 554)** W. Transcaucasia
- *ssp. *roubali* BECHYNÉ, 1946: 110** N. Caucasus
- (*rugosopunctata* ROUBAL, 1917: 3 nec HALBHERR, 1912)
- ssp. *sanguineocincta* (CROTH, 1871: 268)** Iran, Iraq, Syria, Egypt
- *ssp. *sculpticollis* BECHYNÉ, 1948: 15** Pyrenees
- ssp. *trebinjensis* (ROUBAL, 1917: 3) ?** Herzegovina
- *ssp. *unificans* BECHYNÉ, 1950: 166** E. Turkey, S. Caucasus
- sarroensis* (KOCHER, 1958: 56)** Morocco
- sellata* (WEISE, 1894: 92) [remark 13]** Turkey, Mesopotamia
- **superstes* (BEDEL, 1921: 61)**
s. str. Morocco (C. Atlas)
- ssp. *altiatlantica* (KOCHER, 1958: 53)** Morocco (C. Atlas)
- ssp. *antoinei* (KOCHER, 1958: 53)** Morocco (E. Atlas)
- ssp. *crebieri* (KOCHER, 1958: 53)** Morocco (E. Atlas)
- ssp. *ifranensis* (KOCHER, 1958: 52)** Morocco (Ifrane)
- ssp. *roulleaui* (KOCHER, 1958: 55)** Morocco

tesari (Roubal, 1936: 68)***s. str.**

Caucasus

(kulzeri BECHYNÉ, 1950: 166)***ssp. elbursica** LOPATIN, 1981: 373 Stat. nov. [remark 20] Iran, W. Turkmenistan***turgaica (JACOBSON, 1910: 59)**

W. Kazakhstan

***unicolor (GEBLER, 1845: 105)** [remark 21]S. Kazakhstan,
Kyrgyzstan*(immarginata* RYBAKOW, 1884: 135)***vagecincta (FAIRMAIRE, 1875: 538)****s. str.**

Tunisia

ssp. obscuriventris (CODINA PADILLA, 1960: 66)

Morocco

***vishnu (HOPE, 1831: 30)**N. India, Nepal,
Myanma, N. Vietnam,
Bhutan*(cingulata* BALY, 1862: 97)*(parvati* DACCORDI, 1982: 396)***zamotajlovi** L. MEDVEDEV et OKHRIMENKO, 1991: 866

N.-W. Caucasus

Subgenus *Chrysocrosita* BECHYNÉ, 1950: 90Type species: *Heliostola spectabilis* MOTSCHULSKY, by the original designation.***alaschanica (JACOBSON, 1898: 196)** [remark 22]China (Gansu, Inner
Mongolia)*(filchnerae* WEISE, 1908: 92)***jakowlewi (WEISE, 1894: 154)**

Sayan Mts., Tuva

(jakovlevi L. MEDVEDEV et DUBESHKO, 1992: 101,
lapsus calami)***przewalskyi (JACOBSON, 1898: 197)** [remark 22]China, (Inner Mon-
golia)***sogdiorum (WEISE, 1892: 138)** [remark 23]

Kyrgyzstan

spectabilis* (MOTSCHULSKY, 1860: 223)**s. str.**

Kamchatka, Khabarovsk Krai [remark 24]

ssp. *polychroma* L. MEDVEDEV, 1975: 182

Sayan Mts., N. Mongolia

***ssp. *viridipurpurea* L. MEDVEDEV, 1975: 182**

Tuva

Subgenus *Chrysolina* s. str.

(*Stichosoma* MOTSCHULSKY, 1860: 208, type species: *Chrysomela banksii* auct. [*bankii* FABRICIUS], by the original designation)

Type species: *Chrysomela staphylaea* LINNAEUS, by the original designation.

****bankii* (FABRICIUS, 1775: 95)**

Europe

(ausonia SCHATZMAYR, 1941: 162)*(banksi* auct.)*(caesariensis* JOLIVET, 1951: 4)*(chlorizans* WEISE, 1884: 379)*(corcyraea* JOLIVET, 1951: 4)*(ibizensis* BECHYNÉ, 1950: 93)*(interior* JOLIVET, 1951: 194)*(lepida* SUFFRIAN, 1851: 16 nec OLIVIER, 1807: 522)*(maderensis* JOLIVET, 1951: 4)*(mediterranea* JOLIVET, 1951: 4)*(peloritana* SCHATZMAYR, 1941: 162)*(phaeaca* JOLIVET, 1951: 194)*(vitalei* SCHATZMAYR, 1941: 162)***costalis* (OLIVIER, 1807: 513)**

Canary Is.

****obsoleta* (BRULLÉ, 1838: 73)**

Canary Is.

staphylaea* (LINNAEUS, 1758: 370)**s. str.**

Holarctic

(cuprea DEGEER, 1775: 294)*(lepida* STEPHENS, 1831: 341 nec OLIVIER, 1807: 522)

(*rubrocuprea* FOURCROY, 1785: 108)
 (*sharpi* FOWLER, 1890: 304)
 (*staphylea* auct.)
 (*subferruginea* SUFFRIAN, 1851: 21)

- ssp. *arthritica* BECHYNÉ, 1950: 93** Faeroes
- *ssp. *daurica* (GEBLER, 1832: 73)** Siberia, Kazakhstan,
 Kyrgyzstan, Primor-
 ski Krai, Mongolia,
 N. China
 (*palliata* JACOBSON, 1901: 125, nec VOGEL, 1871: 11)
- ssp. *lederi* (WEISE, 1878: 76)** Caucasus
- **wollastoni* BECHYNÉ, 1957: 4** Canary Is.
 (*rutilans* WOLLASTON, 1864: 402 nec GRAVENHORST,
 1807)

Subgenus *Chrysolinopsis* BECHYNÉ, 1950: 82

Type species: *Chrysomela gemina* BRULLÉ, by the original designation.

- **gemina* (BRULLÉ, 1838: 73)** Canary Is., Madeira
 (*nitens* BRULLÉ, 1838: 74)

Subgenus *Chrysomorpha* MOTSCHULSKY, 1860: 204

Type species: *Chrysomela cerealis* LINNAEUS, by the original designation.

***cerealis* (Linnaeus, 1767: 588)**

(*costata* DUFTSCHMIDT, 1902: 84)
 (*laminula* HERRICH-SCHAEFFER, 1839: Hf.157)
 (*melanaria* SUFFRIAN, 1851: 115)

- *s. str.** C., W. Europe

(*bivittata* SCHRANK, 1789: 66) ?
 (*fasciata* FOURCROY, 1785: 108 nec DEGEER, 1778: 622)

(*livonica* MOTSCHULSKY, 1860: 227)

(*luxurians* OLIVIER, 1807: 546)

(*ornata* AHRENS, 1812: 13)

***ssp. megerlei (FABRICIUS, 1801: 439)**

C., S.-E. Europe

(*alternans* PANZER, 1799: 16 nec FABRICIUS,
1794: 447)

(*ericae* SUFFRIAN, 1851: 110)

(*mixta* SUFFRIAN, 1851: 112 nec KÜSTER, 1844: 87)

(*plorans* BECHYNÉ, 1948: 13)

***ssp. cyaneoaurata (MOTSCHULSKY, 1860: 227)**

Siberia, Mongolia

***ssp. mixta (KÜSTER, 1844: 87)**

Alps, Pyrenees

(*fulgens* DUFOUR, 1851: 304) ?

(*kiesenwetteri* MOTSCHULSKY, 1860: 227)

(*octovittata* SCHRANK, 1789: 66)

(*violacea* SCHALLER, 1783: 270 nec MÜLLER, 1776: 81)

***ssp. rufolineata (MOTSCHULSKY, 1860: 227)**

N. Caucasus, Ukraine,
Crimea, E. Eur. Russia

Subgenus *Colaphodes* MOTSCHULSKY, 1860: 212

Type species: *Chrysomela hottentota* FABRICIUS [*haemoptera* LINNAEUS], by the original designation.

***bigorrensis* (FAIRMAIRE, 1865: 77)**

C. Pyrenees

***haemoptera* (LINNAEUS, 1758: 369)**

***s. str.**

Europe, Asia Minor

(*acuticollis* FAIRMAIRE, 1877: 179)

(*atra* GOEZE, 1777: 301)

(*atrata* GMELIN, 1790: 1688)

(*cameranoi* PIOLTI, 1880: 378)

(*erythroptera* SCHRANK, 1781: 70)

(*goettingensis* SCHRANK, 1789: 64 nec LINNAEUS,
1761: 506)

(*hottentota* FABRICIUS, 1792: 309)

(*molluginis* BRAHM, 1790: 226)
 (*nigra* FOURCROY, 1785: 106)
 (*subaenea* DUFTSCHMID, 1825: 194)

***ssp. *byzantia* JOLIVET, 1951: 194** Turkey

(*ottomana* JOLIVET, 1951: 6 nec WEISE, 1906: 554)

***ssp. *corvina* (WEISE, 1916: 75)** Italia

(*unicolor* SUFFRIAN, 1851: 55 nec GEBLER, 1845: 105)

ssp. *persica* JOLIVET, 1951: 6 Iran

Subgenus *Colaphoptera* MOTSCHULSKY, 1860: 215

(*Byrrhiformis* J. SAHLBERG, 1913: 247, partim, type species not designated)
Syn. nov. [remark 26]

Type species: *Chrysomela hemisphaerica* GERMAR, by the original designation.

****abchasica* (WEISE, 1892: 405)** Caucasus

(*circassicola* REITTER, 1913: 112)

****adzharica* LOPATIN, 1988: 589** Georgia (Adzharia)

****apsilaena* Silfverberg, 1977: 93** Caucasus

(*fuscicornis* WEISE, 1892: 406 nec LINNAEUS, 1767:
595)

(*kubanensis* L. MEDVEDEV et OKHRIMENKO, 1991:
872) **Syn. nov.** [remark 27]

***biharica* (BREIT, 1919: 15)** S. Carpathians

***blanchei* (FAIRMAIRE, 1865: 75)**

***s. str.**

Syria, Palestine, Cyprus,
 Turkey [remark
 28]

ssp. *nilotica* BECHYNÉ, 1950: 97 Egypt

- **casgica* (WEISE, 1892: 406)** Caucasus
 (*caucasica* WEISE, 1882: 352 nec MOTSCHULSKY, 1860)
 (*danieli* ROUBAL, 1912: 3)
- crassicollis* (SUFFRIAN, 1851: 50)**
- **s. str.*** Carniolia, S. Carpathians
- ssp. rementina* BECHYNÉ, 1950: 101** Rumania
- **differens* (FRANZ, 1952: 6)** Krasnodar Krai, Georgia, N.-E. Turkey [remark 29]
 (*exsul* BECHYNÉ, 1952: 371)
 (*kutaisa* BECHYNÉ, 1952: 371)
 (*trapezicollis* BECHYNÉ, 1952: 370) **Syn. nov.**
 [remark 30]
- **globosa* (PANZER, 1805: 16)**
s. str. C., S.-E. Europe
 (*aerea* DUFTSCHMID, 1825: 187) ?
 (*aerea* REDTENBACHER, 1849: 547)
- ssp. banatica* (CSIKI, 1940: 920)** S. Hungary
 (*peripherica* BECHYNÉ, 1952: 367)
- ssp. reprehensa* BECHYNÉ, 1950: 103** Bulgaria
- hemisphaerica* (GERMAR, 1817: 204)**
****s. str.*** Alps, Carpathians
 (*laeta* WEISE, 1882: 360)
- ssp. allobrogorum* BECHYNÉ, 1950: 109** France
- ssp. bavarica* BECHYNÉ, 1950: 108** S. Bavaria
- ssp. bechyneana* (KASZAB, 1962: 78)** Banat
 (*banatica* BECHYNÉ, 1950: 110 nec CSIKI, 1940: 920)

- *ssp. *crassimargo* (GERMAR, 1824: 584)** C. Europe
 (*viridis* WEISE, 1882: 359)
- ssp. *fallaciosa* (MÜLLER, 1948: 92)** Croatia, Istria, Bulgaria
 (*notiophila* BECHYNÉ, 1952: 368)
- ssp. *franzi* BECHYNÉ, 1952: 368** Croatia
 (*croatica* FRANZ, 1952: 5 nec WEISE, 1884: 426)
- ssp. *ominosa* BECHYNÉ, 1950: 108** S. Bohemia, Bavaria
- ssp. *plumbeonigra* BECHYNÉ, 1950: 115** [remark 70] S. Hungary
- *ssp. *purpurascens* (GERMAR, 1822: 6)** C. Europe
 (*avia* WEISE, 1887: 185)
 (*carpathica* PAPP, 1946: 23, nec FUSS, 1856: 25)
 (*crassimargo* DUFTSCHMID, 1825: 178 nec GERMAR, 1824: 584)
 (*dahli* MATZEK, 1843: 155)
- ssp. *stoeckleini* BECHYNÉ, 1950: 109** Bavaria
- ssp. *sutilis* BECHYNÉ, 1950: 109** Bosnia
- **lapidaria* BECHYNÉ, 1950: 100**
- s. str.** C. Europe, Carpathians
- ssp. *macromela* BECHYNÉ, 1952: 366** Bosnia
- ssp. *pachysomoides* BECHYNÉ, 1950: 100** S. Rumania
- marcasitica* (GERMAR, 1824: 585)** [remark 31]
***s. str.** C., S.-E. Europe
 (*cupreopurpurea* GERHARDT, 1909: 420 nec COSTA, 1838: 49)
 (*distincta* KÜSTER, 1844: 89)
 (*subincrassata* DUFTSCHMID, 1825: 179)

- ssp. *dissipabilis* BECHYNÉ, 1950: 106** S.-E. Europe
- *ssp. *turgida* (WEISE, 1882: 355)** Carpathians
(pannonica WEISE, 1882: 355)
- **planicollis* (BREIT, 1919: 14)** Asia Minor
- **pliginskii* (REITTER, 1913: 291)** Crimea
(taurica BREIT, 1919: 19)
- **porphyrea* (FALDERMANN, 1837: 354)** Caucasus
(diga BECHYNÉ, 1952: 370)
(erivanicola BECHYNÉ, 1952: 370)
(kubanica BECHYNÉ, 1952: 370)
(minutior BECHYNÉ, 1952: 370)
- **rosti* (WEISE, 1892: 406)** Caucasus
- rufa* (DUFTSCHMID, 1825: 186)**
***s. str.** C. Europe
(dahli SUFFRIAN, 1851: 28)
(menthae DUFTSCHMID, 1825: 187)
(pachysoma HUBENTHAL, 1911: 192)
(robusta BREIT, 1919: 15)
- ssp. *bohutilae* BECHYNÉ, 1950: 99** S. Bohemia
- ssp. *diminuta* BECHYNÉ, 1950: 99** Slovakia
- *ssp. *frieseri* BECHYNÉ, 1950: 99** S. Bavaria
- ssp. *squalida* (SUFFRIAN, 1851: 31)** N.-E. Bohemia, Silesia, N. Moravia
- ssp. *staphylaeoides* BECHYNÉ, 1950: 99** Saxony, Thuringia, N.-W. Bohemia
(metallica KÜSTER, 1847: 93 nec DEGEER, 1778: 661)
(opulenta SUFFRIAN, 1851: 30 nec REICHE, 1850: 405)

****umbratilis* (WEISE, 1887: 185)****s. str.**Rumania, Croatia,
Carpathians*(atra* MATZEK, 1843: 154 nec GOEZE, 1777: 301)*(dahli* HERRICH-SCHAEFFER, 1839: Hf.157) ?*(olivacea* SUFFRIAN, 1851: 53 nec SCHALLER, 1783: 272)**ssp. *erudita* BECHYNÉ, 1952: 367**

S. Hungary

Subgenus *Colaphosoma* MOTSCHULSKY, 1860: 216

Type species: *Chrysomela goettingensis* LINNAEUS [*sturmi* WESTHOFF], by the original designation.

sturmi* (WESTHOFF, 1882: 268)**s. str.**

W. Europe

(fuscipes GMELIN, 1790: 1672)*(goettingensis* LINNAEUS, 1761: 506 nec LINNAEUS,
1758: 368)*(haemoptera* FABRICIUS, 1792: 315 nec LINNAEUS,
1758: 369)*(nigrita* TOWNSON, 1797: 459 nec FABRICIUS, 1792:
309)*(obscurata* FABRICIUS, 1798: 85) ?*(violacea* WEISE, 1916: 96 nec MÜLLER, 1776: 81)*(vulgatissima* SCHRANK, 1781: 69 nec LINNAEUS,
1758: 370)***ssp. *diversipes* (BEDEL, 1892: 147)**E. Europe, Siberia,
Kazakhstan***ssp. *polonica* (WEISE, 1884: 374)**

Ukraine

Subgenus *Craspeda* MOTSCHULSKY, 1860: 191

(*Zeugotaenia* MOTSCHULSKY, 1860: 206, type species: *Chrysomela limbata* FABRICIUS, by the original designation)

Type species: *Chrysomela besseri* KRYNICKI [*limbata* FABRICIUS], by the original designation.

- furva* (PEYERIMHOFF, 1926: 96) Morocco
- **jenisseiensis* (BREIT, 1920: 81) Eur. Russia,
(Tambov), Caucasus,
Kazakhstan, S. Siberia,
Yakutia, Mongolia
- limbata* (FABRICIUS, 1775: 101)
**s. str.* Europa, Caucasus,
Siberia
- (*besseri* KRYNICKI, 1832: 171)
(*kavani* BECHYNÉ, 1950: 170)
(*limbifera* KÜSTER, 1846: 91)
- **ssp. discipennis* (FALDERMANN, 1835: 268) S.-E. Europe, Kazakh-
stan, S. Siberia,
Yakutia, Mongolia
- ssp. findeli* (SUFFRIAN, 1851: 70) Alps
- ssp. luigionii* (DEPOLI, 1936: 139) Italy

Subgenus *Crositops* MARSEUL, 1883: 105

Type species: *Chrysomela pedestris* GEBLER, by the monotypy.

- **kabaki* LOPATIN, 1988: 587 Kazakhstan
- **pedestris* (GEBLER, 1823: 118) E. Kazakhstan, W.
Siberia
- (*pterosticha* FISCHER DE WALDHEIM, 1842: 25)
Syn. nov. [remark 32]
- **roddi* (JACOBSON, 1897: 432) [remark 33] Samara reg.,
Bashkortostan,
Chelyabinsk reg.

Subgenus *Diachalcoidea* BECHYNÉ, 1955: 349

Type species: *Chrysomela sacarum* WEISE, by the original designation.

- aegyptiaca* (OLIVIER, 1807: 528) ?
s. str. Egypt, Libya
- ssp. aleppensis* BECHYNÉ, 1955: 350
 Syria
- badakhshanica* (IABLOKOFF-KHNZORIAN, 1978: 119)
 Tadzhikistan
- sacarum* (WEISE, 1890: 479)
 **s. str.* C. Asia, Iran, Afghanistan
- ssp. embiensis* LOPATIN, 1996: 641
 W. Kazakhstan

Subgenus *Erythrochrysa* BECHYNÉ, 1950: 91

Type species: *Chrysomela polita* LINNAEUS, 1758, by the original designation.

- polita* (LINNAEUS, 1758: 370)
 **s. str.* Palaearctic
- (*epipleuralis* JACOBSON, 1895: 554)
 (*kafkana* REITTER, 1898: 359)
- **ssp. adamsi* (BALY, 1879: 190)
 Siberia, Iran, W., N. China
- ssp. ogloblini* (TER-MINASIAN, 1950: 131)
 Armenia

Subgenus *Euchrysolina* BECHYNÉ, 1950: 83

(*Chrysomela* MOTSCHULSKY, 1860: 204 nec LINNAEUS, 1758, type species: *Chrysomela graminis* LINNAEUS, by the original designation).

Type species: *Chrysomela graminis* LINNAEUS, by the original designation.

- graminis* (LINNAEUS, 1758: 369)
 **s. str.* Europe
- (*fulgida* FABRICIUS, 1801: 432)
 (*nigrocuprea* MALLETT, 1924: 77)
 (*taupini* MALLETT, 1924: 77)

- *ssp. *artemisiae* (MOTSCHULSKY, 1860: 225)** S.-E. Europe,
Kazakhstan, C. Asia,
S. Siberia, Mongolia
- *ssp. *auraria* (MOTSCHULSKY, 1860: 225)** Dauria, Far East, E.
Mongolia, China
- ssp. *christianae* (MALLET, 1933: 75)** France
- ssp. *mediterranea* BECHYNÉ, 1950: 85** Corsica, Spain
- ssp. *rugulosa* (MALLET, 1933: 75 nec GEBLER, 1841: 620)** France
- ssp. *santonici* (CONTARINI, 1847: 20)** C. Alps
(*schallehni* REINECK, 1914: 240)
- **virgata* (MOTSCHULSKY, 1860: 224)** Far East, Japan
(*eximia* BALY, 1862: 20)
(*obsкуроfasciata* JACOBY, 1885: 208)

Subgenus *Fastuolina* WARCHALOWSKI, 1991: 281

(*Dlochrysa* BECHYNÉ, 1950 nec MOTSCHULSKY, 1860: 203, type species:
Coccinella fastuosa SCOPOLI, by monotypy)

Type species: *Coccinella fastuosa* SCOPOLI, by monotypy.

***fastuosa* (SCOPOLI, 1763: 74)**

***s. str.**

Europe, Caucasus,
Kazakhstan, Siberia

- (*aenea* FOURCROY, 1785: 12)
(*coromandeliana* MAULIK, 1926: 21)
(*cupreonitens* MARSEUL, 1886: 46)
(*galeopsidis* SCHRANK, 1798: 532)

ssp. *andorrensis* BECHYNÉ, 1950: 174

Andorra

ssp. *inexplicabilis* (BRANCSIK, 1910: 189)

Banat

- ssp. *biroi* CSIKI, 1953: 129** Rumania
 (*jodasi* BECHYNÉ, 1954: 90) **Syn. nov.** [remark 34]
- ssp. *ventricosa* (SUFFRIAN, 1858: 539)** C., S. Italy, S. Spain

Subgenus *Ghesquiereita* BECHYNÉ, 1950: 171

(*Ghesquiereita* BECHYNÉ, 1950: 171 - incorrect original spelling).

Type species: *Chrysomela spiloptera* ACHARD, by the original designation.

- angolensis* (WEISE, 1917: 94)** Angola
 (*monardi* BECHYNÉ, 1948: 545)
- bertiae* DACCORDI, 1982: 866** Cameroon
- dogueti* DACCORDI, 1982: 866** Angola
- eldae* DACCORDI, 1982: 867** Angola
- katangana* (ACHARD, 1924: 105)** Tanganyika, Congo
 (*saegeri* BURGEON, 1941: 183)
- masoni* DACCORDI, 1982: 866** Cameroon
- **metallica* (DEGEER, 1778: 661)** E., S. Africa
 (*lusitanica* GYLLENHAL, 1813: 454 nec FABRICIUS,
 1781: 116)
- minuscula* DACCORDI, 1982: 866** Cameroon
- murina* DACCORDI, 1982: 867** Angola
- patriciae* DACCORDI, 1982: 866** Cameroon
- **ruandana* (WEISE, 1912: 137)** Tanganyika, Congo,
 Ruanda
 (*pauperata* BURGEON, 1941: 186)

- senoi* DACCORDI, 1982: 867 Lesotho
- spiloptera* (ACHARD, 1926: 43) Tanganyika, Congo
- (*straeleni* JOLIVET, 1952: 39)
- (*upembae* JOLIVET, 1952: 38)

Subgenus *Heliostola* MOTSCHULSKY, 1860: 190

Type species: *Chrysomela islandica* GERMAR, [*lichenis* RICHTER], by the original designation.

- carpathica* (FUSS, 1856: 25)
- *s. str. Rumania, Carpathians
- (*hopffgarteni* WEISE, 1890: 30)
- *ssp. *gabrielii* (WEISE, 1903: 163) Silesia, Slovakia, Carpathians, N. Rumania
- katonica* LOPATIN, 1988: 590 Kazakhstan
- lichenis* (RICHTER, 1820: t. 6)
- *s. str. Bohemia
- (*islandica* GERMAR, 1824: 585)
- (*nigerrima* WEISE, 1882: 350)
- (*quadricollis* WEISE, 1882: 350)
- *ssp. *ahena* (GERMAR, 1824: 586) Alps
- ssp. *havelkai* BECHYNÉ, 1949: 55 W. Slovakia
- *ssp. *moraviaca* (WEISE, 1882: 350) Silesia, Slovakia
- *ssp. *rhypaea* (WEISE, 1898: 204) Rumania
- ssp. *suturalis* BECHYNÉ, 1947: 60 Podolia
- **schewyrewi* (JACOBSON, 1895: 547) Siberia
- (*despecta* KONTKANEN, 1957: 208)

**schneideri* (WEISE, 1882: 349)

Slovakia (V. Tatry)

Subgenus *Hypericia* BEDEL, 1899: 258

(*Gemellata* J. SAHLBERG, 1913: 247, partim, type species not designated) **Syn. nov.** [remark 8]

Type species: *Chrysomela hyperici* FORSTER, designated by BECHYNÉ, 1950.

anatolica (DAHLGREN, 1984: 42)

Turkey, Bulgaria

**brunsvicensis* (GRAVENHORST, 1807: 135)

N., C. Europe

(*centaurii* SCRIBA, 1791: 294)

(*duplicata* ZENKER, 1815: 148)

(*subseriepunctata* DIETRICH, 1857: 135)

corcyrica (SUFFRIAN, 1851: 133)

Italy, Corfu, Greece,
Sicilia

(*reuleauxi* BRENSKE, 1890: 14)

cuprina (DUFTSCHMID, 1825: 177)

**s. str.*

Europe

ssp. dilecta BECHYNÉ, 1952: 380

Altai, Sayan Mts.

ssp. nigrifula BECHYNÉ, 1954: 90 [remark 35]

(*lugubrina* BECHYNÉ, 1954: 90)

(*nigra* REITTER, 1912: 112, nec FOURCROY, 1785: 106)

ssp. staneki BECHYNÉ, 1949: 52

Turkey

didymata (SCRIBA, 1791: 294)

**s. str.*

Europe, Asia Minor,
C. Asia, Kazakhstan,
Armenia

(*quinquejugis* MARSHAM, 1802: 173)

**ssp. elongatior* BECHYNÉ, 1952: 379

Lebanon, Syria

**ssp. syriaca* (WEISE, 1884: 408)

Syria, Palestine,
Rhodes

- difficilis* (MOTSCHULSKY, 1860: 228)**
***s. str.** Altai, Sayan Mts.
- *ssp. *ussuriensis* (JACOBSON, 1901: 126)** Amur, S. Primorski Krai, Manchuria
(aeruginosa WEISE, 1887: 180, nec FALDERMANN, 1835: 440)
(pubitarsis BECHYNÉ, 1950: 160) **Syn. nov.**
 [remark 36]
- *ssp. *yezoensis* (MATSUMURA, 1911: 141)** Sakhalin, Japan, Korea, Manchuria
(exgeminata BECHYNÉ, 1952: 380) **Syn. nov.**
 [remark 37]
(nikinoja BECHYNÉ, 1950: 155) **Syn. nov.**
 [remark 38]
(pseudogeminata BECHYNÉ, 1950: 156)
(shikokensis NAKANE, 1963: 19)
- **fricata* BECHYNÉ, 1950: 158** S.-E. China
- **geminata* (PAYKULL, 1799: 65)** Europe
(approximata ZENKER, 1815: 148)
(bifoveolata BRANCSIK, 1910: 190)
- **gracilis* BECHYNÉ, 1950: 157** S. China, N. Vietnam
- hyperici* (FORSTER, 1771: 20)**
***s. str.** Europe, N. Africa, W. Caucasus, Asia Minor, Australia, Canada, USA
(ambigua WEISE, 1884: 407)
(fucata FABRICIUS, 1781: 126)
(gemellata FOURCROY, 1785: 110)
(privigna WEISE, 1884: 407)
(viridula LAICHARTING, 1781: 147)
- *ssp. *daghestanica* (REITTER, 1913: 111)** E. Caucasus, Iran
- medogana* CHEN et WANG, 1981: 511 ?** China (Xizang)
- **nikkoensis* (JACOBY, 1885: 207)** China, Japan, N. Vietnam

ohoi CHŪJŌ, 1958: 50

Taiwan

***quadrigemina** (SUFFRIAN, 1851: 125)Europe, Tunis, Egypt,
Canada, USA*(alternata* SUFFRIAN, 1851: 127)*(conversaria* BECHYNÉ, 1952: 380)*(gemellata* ROSSI, 1792: 30 nec FOURCROY, 1785: 110)*(indigena* WEISE, 1884: 405)*(isidis* BECHYNÉ, 1952: 380)*(normandi* BECHYNÉ, 1949: 51)**Subgenus *Jacobsonia* L. MEDVEDEV, 1970: 162**Type species: *Chrysolina pudica* L. MEDVEDEV, by the original designation.***pudica** L. MEDVEDEV, 1970: 162

China (Sichuan)

Subgenus *Lithocrosita* L. MEDVEDEV, 1982Type species: *Chrysomela rugulosa* GEBLER, by the monotypy.***rugulosa** (GEBLER, 1841: 620)Altai, Tuva, E. Sayan
Mts., N. Mongolia*(Crosita concinna* WEISE, 1894: 154)**Subgenus *Lithopteroides* STRAND, 1935: 295***(Lithoptera* MOTSCHULSKY, 1860: 210 nec MÜLLER, 1858).Type species: *Chrysomela musiva* GEBLER [*exanthematica* WIEDEMANN], by the original designation.***exanthematica*** (WIEDEMANN, 1821: 178) [remark 39]***s. str.**Siberia, Far East,
China, India, Vietnam*(guttata* GEBLER, 1817: 316 nec FABRICIUS, 1792: 313)*(musiva* GEBLER, 1830: 215)*(sericata* JACOBSON, 1901: 125)*(speculifera* REDTENBACHER, 1848: 558)

- *ssp. *gemmifera* (MOTSCHULSKY, 1860: 229)** S. Siberia, Mongolia
 (*guttifera* MOTSCHULSKY, 1860: 229)
 (*nigrogemmata* MOTSCHULSKY, 1860: 229)
- ssp. *laevipunctata* (LEWIS, 1879: 28)** Japan
 (*consimilis* BALY, 1874: 172 nec CLARK, 1864: 172)
 (*marseuli* WEISE, 1898: 200)
 (*subaenea* MOTSCHULSKY, 1860: 229 nec
 DUFTSCHMID, 1825: 194)
- laeviguttata* CHÛJÔ, 1958: 52** Taiwan

Subgenus *Maenadochrysa* BECHYNÉ, 1950: 116

Type species: *Chrysomela femoralis* OLIVIER, by the original designation.

- affinis* (FABRICIUS, 1787: 67)**
 *s. str. Algeria
- ssp. *bruttiana* BOURDONNE, 1999: 45** S. Italy
- ssp. *caliginosa* (OLIVIER, 1807: 521)** S. France
- ssp. *cribellata* (SUFFRIAN, 1851: 46)** Sicilia
- ssp. *hecateia* BECHYNÉ, 1950: 119** Spain (Sierra de Guadarrama)
- ssp. *hyacinthina* (SUFFRIAN, 1851: 45)** S. Italy, Sicilia
- ssp. *indomita* BECHYNÉ, 1950: 119** Spain (S. Aragon)
- ssp. *rufofemorata* (HEYDEN, 1870: 171)** Spain (Asturias)
- ssp. *vicinitatis* BECHYNÉ, 1950: 120** Spain (Asturias)
- ssp. *xanthophryna* BECHYNÉ, 1950: 118** Tunis
- atlantica* (ESCALERA, 1914: 524)** Morocco

- *aveyronensis* BECHYNÉ, 1950: 117 S. France, S., S.-E.
Spain [remark 40]
- *baetica* (SUFFRIAN, 1851: 16) S. Spain
- crassipes* (LUCAS, 1849: 533)
s. str. Algeria
- ssp. porphyropus* (PEYERIMHOFF, 1915: 32) Algeria
- *femorialis* (OLIVIER, 1790: 690)
s. str. Europe
- ssp. balanyensis* BECHYNÉ, 1950: 121 Spain (Catalonia)
- ssp. bargusiana* BECHYNÉ, 1950: 121 Spain (Catalonia)
- ssp. camena* BECHYNÉ, 1950: 120 France
- ssp. confusa* SUFFRIAN, 1851: 47 S. France
- ssp. nevadensis* COBOS, 1952: 4 Spain
- ssp. ootypa* BECHYNÉ, 1952: 372 Spain (Pyrenees)
- ssp. parumnitens* BECHYNÉ, 1952: 372 Spain (E. Pyrenees)
- ssp. pernitescens* BECHYNÉ, 1952: 372 Spain (Pyrenees)
- ssp. putealis* BECHYNÉ, 1952: 372 Spain
- ssp. tagenii* (HERRICH-SCHAEFFER, 1839: Hf. 157) Alps
- ssp. varipes* SUFFRIAN, 1851: 17 S. France
- (*laeta* WEISE, 1884: 372 nec WEISE, 1882: 360)
- lepineyi* (KOCHER, 1958: 48) Morocco
- *mesatlantica* (KOCHER, 1958: 47) Morocco
- *pseudoaenea* (FAIRMAIRE, 1865: 74) Morocco

<i>thalassina</i> (REICHE et SAULCY, 1858: 29)	Syria
<i>timarchoides</i> (Brisout, 1882: 179)	Pyrenees
<i>vermiculosa</i> (MARSEUL, 1886: 19)	Algeria

Subgenus *Melasomoptera* BECHYNÉ, 1950: 141

Type species: *Chrysomela grossa* FABRICIUS, by the original designation.

<i>grossa</i> (FABRICIUS, 1792: 317)	
* <i>s. str.</i>	S. Europe, Sicilia, E. Algeria
(<i>illita</i> WEISE, 1884: 432)	
<i>ssp. chloromaura</i> (OLIVIER, 1807: 553)	N.-W. Spain, Portugal
(<i>gallega</i> FAIRMAIRE, 1861: 595)	
* <i>ssp. tingitana</i> (ESCALERA, 1914: 525)	S. Spain, Marocco
<i>lucida</i> (OLIVIER, 1807: 553)	
* <i>s. str.</i>	S. France, Spain
(<i>chloromaura</i> CHARPENTIER, 1825: 233 nec OLIVIER, 1807: 553)	
(<i>dichroa</i> DUFOUR, 1843: 107)	
<i>ssp. suarezi</i> COBOS, 1952: 3	Spain (Sierra Nevada)
<i>ssp. torresi</i> BECHYNÉ, 1950: 144	Spain
* <i>lutea</i> (PETAGNA, 1819: 32)	S. Europe, Sicilia, Corfu
(<i>laevipennis</i> SUFFRIAN, 1851: 202)	
(<i>lucida</i> CHARPENTIER, 1825: 233 nec OLIVIER, 1807: 553)	

Subgenus *Mimophaedon* BOURDONNE, 1996: 349

Type species: *Chrysolina pourtoyi* BOURDONNE, by the original designation.

pourtoyi BOURDONNE, 1996: 343

France: Atlantic Pyrenees

Subgenus *Naluhia* BECHYNÉ, 1948: 540

Type species: *Ch. confluens* GERSTAECKER, by the original designation.

**acervata* BECHYNÉ, 1948: 544

C. Africa

(*barrosi* BECHYNÉ, 1950: 7)

**confluens* (GERSTAECKER, 1855: 637)

C., S. Africa

(*adspergata* VOGEL, 1871: 9)

(*dimbrokensis* BECHYNÉ, 1950: 10)

(*nigrosignata* CLARK, 1864: 116)

(*obtexta* BECHYNÉ, 1950: 7)

nigromaculata (QUEDENFELDT, 1888: 216)

s. str.

C. Africa

(*fossulifera* BECHYNÉ, 1948: 544)

(*maculatissima* ACHARD, 1914: 50)

(*vilhenai* BECHYNÉ, 1950: 171)

ssp. *verhulsti* (BURGEON, 1941: 184)

E. Africa

(*exaequata* BECHYNÉ, 1948: 541)

(*orthostigma* BECHYNÉ, 1948: 543)

simonsi (BALY, 1878: 204)

C. Africa

(*dilacerata* ANCEY, 1881: 485)

(*marshalii* JACOBY, 1901: 254)

(*occidentalis* BECHYNÉ, 1948: 541)

(*plagidorsis* ACHARD, 1926: 44)

Subgenus *Ovosoma* MOTSCHULSKY, 1860: 214

(*Byrrhiformis* J. SAHLBERG, 1913: 247, partim, type species not designated)

Syn. nov. [remark 26]

(*Gemellata* J. SAHLBERG, 1913: 247, partim, type species not designated) **Syn. nov.** [remark 8]

(*Parkaniola* BECHYNÉ, 1950: 130, type species: *Chrysolina susterai* BECHYNÉ, by the original designation)

Type species: *Chrysomela vernalis* BRULLÉ, by the original designation.

- *cretica** (OLIVIER, 1807: 518) Crete
- halysa** BECHYNÉ, 1950: 127 [remark 41]
s. str. Near East, Turkey,
 Cyprus
 (*porphyrea* FAIRMAIRE, 1865: 76, nec FALDERMANN,
 1837: 354)
- ssp. assyrica** BECHYNÉ, 1950: 127 Iran, Iraq, Talysh
- *ssp. intercalaria** BECHYNÉ, 1950: 127 S. Caucasus
- minckwitzi** (APFELBECK, 1912: 249) [remark 42]
s. str. Bosnia, Montenegro
- *ssp. winneguthi** (MÜLLER, 1948: 94) Albania, E. Montenegro
- orientalis** (OLIVIER, 1807: 512)
**s. str.* Turkey
 (*campicola* GISTL, 1857: 576)
- *ssp. palaestina** BECHYNÉ, 1950: 127 Palestine
- ssp. thraeissa** BECHYNÉ, 1950: 126 N. Greece
- rhodia** BECHYNÉ, 1950: 127 Rhodes
- *sahlbergi** (MÉNÉTRIÉS, 1832: 235) Turkey, Cyprus, Caucasus, Iran
 (*cupreopunctata* REICHE, 1858: 30)
 (*venefica* WEISE, 1884: 369)

- *susterai** BECHYNÉ, 1950: 130
 Europe, N. Caucasus,
 Kazakhstan, Altai
 (*morio* KRYNICKI, 1832: 171 nec FABRICIUS, 1787: 66)
- *turca** (FAIRMAIRE, 1865: 74)
 Turkey, Bulgaria
- vernalis** (BRULLÉ, 1836: 269)
 *s. str. Balkan Penins.
 (*bicolor* GERMAR, 1813: 148 nec FABRICIUS, 1775: 95)
 (*florea* HERRICH-SCHAEFFER, 1839: Hf.157)
 (*incerta* HERRICH-SCHAEFFER, 1839: Hf.157) ?
- *ssp. cantabrica** (HEYDEN, 1870: 170)
 Spain (Asturias)
- ssp. egelida** BECHYNÉ, 1952: 172
 Spain (Navarre)
- ssp. gallica** (WEISE, 1882: 365)
 Pyrenees
- *ssp. herii** (HERRICH-SCHAEFFER, 1839: Hf.157)
 Dalmatia, Albania,
 Bulgaria
- ssp. italica** (WEISE, 1882: 365)
 Italy, S. France, Tirol
- ssp. muchei** (MOHR, 1969: 390)
 Bulgaria
- ssp. ottomana** (WEISE, 1906: 554)
 Turkey, S. Bulgaria,
 N. Greece
- *ssp. pyrenaica** (DUFOUR, 1843: 106)
 Pyrenees
 (*canfrancensis* BECHYNÉ, 1952: 172)
 (*carbonaria* SUFFRIAN, 1851: 49)
- *wittmeri** L. MEDVEDEV, 1975: 13
 Turkey
 (*guichardi* GRUEV, 1976: 77)

Subgenus *Ovostoma* MOTSCHULSKY, 1860: 215

Type species: *Chrysomela coerulea* OLIVIER [*olivieri* BEDEL], by the original designation.

- atrovirens* (FRIVALDSZKY, 1876: 338)** S. Carpathians
- **globipennis* (SUFFRIAN, 1851: 36)**
s. str. S.-E. Europe
- ssp. *deubeli* BECHYNÉ, 1948: 14** Transylvania
(*subalpina* CSIKI, 1953: 129)
- ssp. *euminuta* BECHYNÉ, 1950: 64** Slovakia
- ssp. *slovaca* BECHYNÉ, 1946: 108** Slovakia,
Transylvania
(*collina* CSIKI, 1953: 128)
- **olivieri* (BEDEL, 1892: 148)**
s. str. S., S.-E. Europe
(*caerula* CSIKI, 1953: 128)
(*coerulea* OLIVIER, 1807: 515 nec OLIVIER, 1790:
718)
- ssp. *azurea* BECHYNÉ, 1946: 108** Caucasus (Elbrus)
- ssp. *ehumerosa* BECHYNÉ, 1950: 63** Herzegovina
- ssp. *montanella* BECHYNÉ, 1950: 63** Balkan Pen.
- ssp. *veneta* J. MÜLLER, 1948: 92** N.-E. Italy, Krain

Subgenus *Palaeosticta* BECHYNÉ, 1952: 361

Type species: *Chrysomela diluta* GERMAR, by the original designation.

- **diluta* (GERMAR, 1824: 591)** S.-W. Europe
(*lurida* OLIVIER, 1807: 528 nec SCOPOLI, 1763: 70)
- **kocheri* (CODINA PADILLA, 1961: 74)** Morocco
- **numida* (REICHE, 1864: 245)** Morocco, Algeria,
Tunisia [remark 43]

- *pardo** (CODINA PADILLA, 1961: 78) Morocco, Tunisia
[remark 44]
- ruffoi** (DACCORDI, 1971: 512)
s. str. Libya
- *ssp. benjaminica** (DACCORDI, 1971: 515) Israel, Palestine

Subgenus *Paracrosita* DACCORDI, 1982: 411

Type species: *Chrysomela armeniaca* FALDERMANN, by the monotypy.

- *armeniaca** (FALDERMANN, 1837: 355) Caucasus, W. Turkme-
nistan, Afghanistan,
(*iranica* L. MEDVEDEV, 1975: 17 nec JAKOB, 1954: 47) N.-W. Iran
(*persica* JAKOB, 1960: 26 nec JOLIVET, 1951: 6)

Subgenus *Paradiachalcoidea* DACCORDI, 1978: 745

(*Paradiachalcoidea* DACCORDI, 1978: 745, lapsus calami).

Type species: *Chrysolina vignai* DACCORDI, designated by DACCORDI, 1980.

- limbatella** (WEISE, 1907: 213) Ethiopia
(*copta* DACCORDI, 1978: 748)
- palmyrensis** BECHYNÉ, 1955: 350 [remark 45]
**s. str.* Israel, Lebanon
- *ssp. assurensis** BECHYNÉ, 1955: 350 Turkey, Iran, Iraq
- silvanae** DACCORDI, 1978: 750 Ethiopia
- vignai** DACCORDI, 1978: 192 Ethiopia

Subgenus *Paraheliostola* L. MEDVEDEV, 1992: 105

Type species: *Chrysomela soiota* JACOBSON, by the monotypy.

****soiota* JACOBSON, 1924: 80**

Sayan Mts.

Subgenus *Paramenthastriella* DACCORDI, 1980: 300

Type species: *Chrysolina beatricis* DACCORDI, by the original designation.

***beatricis* DACCORDI, 1980: 305**

E. Africa

Subgenus *Pezocrosita* JACOBSON, 1901: 120 [remark 46]

Type species: *Crosita sahlbergiana* JACOBSON, by the original designation.

***altimontana* species group**

(type species *Ch. alimontana* RYBAKOV, 1889, present designation)

****altimontana* (RYBAKOV, 1889: 286)**

N.-W. China

****amplicollis* (JACOBSON, 1895: 550)**

N.-W. China

***borochorensis* LOPATIN, 2000: 133**

China (Xinjiang)

****dalailamai* LOPATIN, 1998: 827**

China (Qinghai)

****kozlovi* LOPATIN, 1988: 586**

China (Qinghai)

***brevilata* species group**

(type species *Ch. brevilata* HEYDEN, 1886, present designation)

****brevilata* (HEYDEN, 1886: 277)**

Kyrgyzstan, S.
Kazakhstan

(*cyrtonastes* WEISE, 1892: 413)

(*cyrtonoides* WEISE, 1892: 139 nec JACOBY, 1885:
206)

****cyanopurpurea* (BALLION, 1878: 379) [remark 47]**

N.-W. China

(*cyaenopurpurea* WEISE, 1916: 59, lapsus calami)

***daccordii* LOPATIN, 2000: 135**

China (E. Tien Shan)

- *juldusana** (LOPATIN, 1962: 321) [remark 48] Kyrghyzstan, N.-W.
China, S.-E. Kazakhstan
- *ketmenica** (LOPATIN, 1970: 186) [remark 48] S.-E. Kazakhstan
- *koenigi** (JACOBSON, 1895: 552) Kyrghyzstan [remark
49], Tadjikistan
(*katarinae* LOPATIN, 1965: 10)
- *oschanini** (LOPATIN, 1965: 9) [remark 48] Kyrghyzstan,
Kazakhstan
(*oshanini* LOPATIN, 1970: 185, lapsus calami)
- *petrenkoi** LOPATIN, 1992: 69 S.-E. Kazakhstan
- *sarcandica** LOPATIN, 1990: 49 E. Kazakhstan
- tekessica** LOPATIN, 2000: 136 China (Xinjiang)
- *verestschaginae** LOPATIN, 1992: 68 Kyrghyzstan, S.
Kazakhstan

***convexicollis* species group**

(type species *Ch. convexicollis* JACOBSON, 1901, present designation)

- *convexicollis** (JACOBSON, 1901: 122) Tuva, Mongolia
- *urjanchaica** (JACOBSON, 1925: 50) Tuva

***discriminata* species group**

(type species *Ch. discriminata* JACOBSON, 1901, present designation)

- *discriminata** (JACOBSON, 1901: 124) E. Siberia, Mongolia
(*fuscipes* WEISE, 1890: 479 nec GMELIN, 1790: 1672)
(*infuscipes* WEISE, 1916: 76)
- *mongolensis** (LOPATIN, 1966: 238) Mongolia

***helenae* species group**

(type species *Ch. helenae* LOPATIN, 1968, present designation)

- belousovi* LOPATIN, 2000: 132 China (Xinjiang)
**glebi* LOPATIN, 1988: 585 W. Tien Shan
**helenae* (LOPATIN, 1968: 548) W. Tien Shan
**tshatkatica* (LOPATIN, 1970: 185) Kyrgyzstan

***obovata* species group**(type species *Ch. obovata* JACOBSON, 1895, present designation)

- *almaatica* (LOPATIN, 1962: 322) S. Kazakhstan
**bienkowskii* LOPATIN, 2000: 133 China (Gansu)
**burchana* LOPATIN, 1998: 829 E. Tibet
 (*burchanica* LOPATIN, 1998: 830, lapsus calami)
**kiritshenkoi* (LOPATIN, 1970: 185) Kyrgyzstan [remark 50]
**mohri* (LOPATIN, 1970: 185) Tien Shan [remark 51]
naratica LOPATIN, 2000: 134 China (Xinjiang)
**obovata* (JACOBSON, 1895: 553) Tien Shan
**przewalskii* (JACOBSON, 1895: 551) China (Amdo)
**yupeiyuae* LOPATIN, 1998: 829 China (Qinghai)

***roborowskii* species group**(type species *Ch. roborowskii* JACOBSON, 1895, present designation)

- *roborowskii* (JACOBSON, 1895: 550) N.-W. China
 (*fallax* JACOBSON, 1895: 551)
**tani* LOPATIN, 1998: 830 China

***rufilabris* species group** [remark 52](type species *Ch. rufilabris* FALDERMANN, 1835, present designation)

- brunnicornis* (WEISE, 1887: 175)**
 **s. str.* Tuva, W. Mongolia
 (*koshantschikovi* JACOBSON, 1925: 51)
- ***ssp. *bermani* L. MEDVEDEV, 1978: 119** Yakutia, Chita reg
 [remark 53]
- ***ssp. *vrangeliani* VORONOVA, 1985: 125** Wrangel Isl.
- ****lopatini* (MOHR, 1966: 103)** Altai [remark 54],
 Buryat, Mongolia
- luchti* LOPATIN, 2000: 130** China (Xinjiang)
- ****pusa* (LOPATIN, 1962: 323)** Buryat, Mongolia
 (*purkynei* MOHR, 1966: 103)
- ****rufilabris* (FALDERMANN, 1835: 443)** E. Siberia, Mongolia
 (*perfecta* JACOBSON, 1901: 124)
- ****sajanica* (JACOBSON, 1925: 52)** Tuva
- sahlbergiana* species group**
 (type species *Ch. sahlbergiana* JACOBSON, 1901, present designation)
- ****cyaneovinosa* L. MEDVEDEV, 1978: 120** Yakutia
- ****medvedevi* (LOPATIN, 1970: 184)** Kazakhstan
- ****ordinata* (GEBLER, 1823: 119)** E. Kazakhstan, S.-W.
 Siberia, Altai
- ****sahlbergiana* (JACOBSON, 1901: 120)** Sayan Mts., N. Mon-
 golia
 (*jacobsoni* LOPATIN, 1970: 183)
 (*kuznetzowi* JACOBSON, 1902: 78 nec JACOBSON,
 1897: 434)
- ****tibialis* (JACOBSON, 1895: 548)** Sayan Mts., Tuva

- *tuvensis* L. MEDVEDEV, 1976: 243** Tuva
- undulata* (GEBLER, 1833: 308)**
****s. str.*** S. Siberia
- (*baicalica* MOHR, 1966: 96)
- ssp. asperata* LOPATIN, 1990: 54** E. Kazakhstan

Subgenus *Pierryyvetia* BECHYNÉ, 1950: 68

Type species: *Chrysomela stictica* STAL, by the original designation.

- aeneomicans* CHEN, 1934: 35** Yunnan
- annamensis* CHEN, 1934: 36** Vietnam
- auriventris* BECHYNÉ, 1950: 73** Laos, Vietnam
- baronii* DACCORDI, 1979: 443** India
- *bowringii* (BALY, 1862: 96)** S. China, Indochina
- (*Colaphellus grouvellei* ACHARD, 1926: 130)
(*niobe* STAL, 1860: 463)
- ceylonica* MAULIK, 1926: 20** Sri Lanka
- coerulipes* (HAROLD, 1874: 3417)** India
- (*orientalis* WIEDEMANN, 1819: 179 nec OLIVIER,
1807: 512)
- *conglomerata* MAULIK, 1926: 21** India
- ferruginea* (HORNSTEDT, 1788: 2)** Java
- (*malaccensis* GMELIN, 1790: 1691)
- fulvoaenea* (JACOBY, 1900: 118)** India
- helferi* BECHYNÉ, 1950: 72** Myanma

- **inconstans* (WIEDEMANN, 1823: 74)** India, Sri Lanka
 (*bonvouloiri* BALY, 1862: 23)
 (*democratica* DUVIVIER, 1891: 43)
- jeanneli* CHEN, 1934: 37** Yunnan
- karachia* MAULIK, 1926: 21** Pakistan (Sind)
- lucidula* CHEN, 1934: 36** Yunnan
 (*cheni* BECHYNÉ, 1950: 72)
- **madrasae* (JACOBY, 1900: 118)** S. India
- malayana* (JACOBY, 1896: 420)** Sumatra
- **separata* (BALY, 1862: 96)**
s. str. India
 (*aurata* SUFFRIAN, 1851: 102 nec MARSHAM, 1802:
 195)
 (*siamensis* JACOBY, 1900: 119)
- ssp. *grutii* (BALY, 1862: 22)** Myanma
- ssp. *foveopunctata* (FAIRMAIRE, 1888: 39)** Yunnan, Laos
- ssp. *indosinensis* BECHYNÉ, 1950: 70** Vietnam
- **shapaensis* L. MEDVEDEV, 1987: 71** Vietnam
- splendidula* (FABRICIUS, 1801: 440)** Java, Sumatra
- stevensi* (BALY, 1862: 23)** Myanma
- **stictica* (STAL, 1857: 59)** Java, Sumatra, Philip-
 pines (?)
- sumatrensis* (JACOBY, 1884: 25)**
***s. str.** Sumatra
- ssp. *borneensis* BECHYNÉ, 1950: 69** Kalimantan

tonkinea (FAIRMAIRE, 1888: 372) N. Vietnam

vitalisi BECHYNÉ, 1950: 71 Vietnam

Subgenus *Pleurosticha* MOTSCHULSKY, 1860: 191

Type species: *Chrysomela sylvatica* GEBLER, by the original designation.

**cavigera* (SAHLBERG, 1887: 35) Chukot Pen.,
Kamchatka, Alaska

gebleri L. MEDVEDEV, 1979: 83

**s. str.* Altai

**ssp. sajanensis* L. MEDVEDEV, 1979: 84 env. Baikal

(*baicalica* L. MEDVEDEV et DUBESHKO, 1992: 107
nec MOHR, 1966: 96)

**latimargo* (WEISE, 1896: 80) Buryat, Mongolia

(*changaica* LOPATIN, 1968: 219)

subcostata (GEBLER, 1848: 27)

**s. str.* Siberia, Far East,
Hokkaido

(*pirka* TAKIZAWA, 1970: 118)

**ssp. poretzkyi* (JACOBSON, 1897: 434) [remark 55] Urals

**sylvatica* (GEBLER, 1823: 118) Altai

(*sylvatica* L. MEDVEDEV et DUBESHKO, 1992: 106,
lapsus calami)

**tolli* (JACOBSON, 1910: 54) Arctic Asia

(*rufipes* MÉNÉTRIÉS, 1851: tab. III, fig. 9 nec
LINNAEUS, 1758)

uraltuensis MIKHAILOV, 2000: 130. W. Sayans

Subgenus *Pseudocrosita* LOPATIN, 1999: 891

Type species: *Crosita (Bittotaenia) bactriana* LOPATIN, by the original designation.

- **bactriana* (LOPATIN, 1961: 102)** S. Tadzhikistan,
Kyrgyzstan
(*globoicollis* LOPATIN, 1970: 184)

Subgenus *Pseudolithoptera* L. MEDVEDEV, 1970: 159

Type species: *Chrysolina interlucea* L. MEDVEDEV, 1970, by the original designation.

- interlucea* L. MEDVEDEV, 1970: 159** Korea

Subgenus *Pseudotaeniochrysea* DACCORDI, 1980: 300

Type species: *Chrysomela superba* THUNBERG, 1787, by the original designation.

- **ambrostomoides* BECHYNÉ, 1955: 205** Rwanda
- **superba* (THUNBERG, 1787: 44)**
s. str. E., S. Africa
- (*intersersa* FAIRMAIRE, 1894: 394)
(*limbolata* REICHE, 1850: 405)
(*rubripennis* WEISE, 1904: 46)
(*salisburyensis* JACOBY, 1901: 255)

ssp. *gandensis* BECHYNÉ, 1953: 83 Congo

ssp. *immetallica* (ACHARD, 1924: 106) Congo

ssp. *impunctulata* (ACHARD, 1924: 105) Congo

Subgenus *Pseudotimarchomima* DACCORDI, 1980: 300

Type species: *Chrysolina luminosa* DACCORDI, by the original designation.

***luminosa* DACCORDI, 1976: 1014**

Tanzania

Subgenus *Rhyssoloma* WOLLASTON, 1854: 458Type species: *Chrysomela fragariae* WOLLASTON, by the monotypy.****fragariae* (WOLLASTON, 1854: 458)**

Madeira

(onychina WOLLASTON, 1860: 459)**Subgenus *Sibiriella* L. MEDVEDEV, 1999: 1014**Type species: *Chrysolina paradoxa* L. MEDVEDEV, by the original designation.***capricornus* MIKHAILOV, 2000: 139**

W. Altai

****paradoxa* L. MEDVEDEV, 1999: 1014 [remark 56]**

Sayan Mts. ?

(martjanovi GUSELNIKOV et L. MEDVEDEV, 1976: 23,
nomen nudum)**Subgenus *Sphaeromela* BEDEL, 1899: 258**Type species: *Chrysomela varians* SCHALLER, by the monotypy***varians* (SCHALLER, 1783: 271)*****s. str.**

Europe, Siberia

(aethiops FABRICIUS, 1792: 309)*(centaura* HERBST, 1783: 56)*(centaurei* FABRICIUS, 1787: 68)*(hyperici* THOMSON, 1866: 251 nec FORSTER, 1771: 20)*(margarita* OLIVIER, 1790: 709)*(marshami* DONOVAN, 1798: t. 286)*(ooensis* WEISE, 1916: 83)*(pratensis* WEISE, 1884: 429)*(subaenea* SUFFRIAN, 1851: 60 nec DUFTSCHMID,
1825: 194)*(viridiaenea* MARSHAM, 1802: 184)

- ssp. *malleti* JACQUET, 1935: 95** France
- ssp. *nigricollis* MALLET, 1936: 141** France

Subgenus *Stichoptera* MOTSCHULSKY, 1860: 209

(*Cobosorina* DAVID, 1953, type species: *Chrysochloa colasi* COBOS, by the monotypy).

(*Ovomorpha* MOTSCHULSKY, 1860: 213, type species: *Chrysomela rossii* SUFFRIAN [*rossia* ILLIGER], by the original designation).

Type species: *Chrysomela sanguinolenta* LINNAEUS, 1758, by the original designation.

- **colasi* (COBOS, 1952: 5)** Spain (Sierra Nevada)
- grancanariensis* (LINDBERG, 1953: 11)** Canaries
- gypsophilae* (KÜSTER, 1845: 71)**
***s. str.** Europe, Asia Minor
- (*gaubili* LUCAS, 1849: 535)
 (*rufomarginata* SUFFRIAN, 1851: 65)
- *ssp. *grossepunctata* (LINDBERG, 1950: 13)** Canaries
- *ssp. *lucidicollis* (KÜSTER, 1845: 73)** Sardinia, Sicilia, N. Africa, Canaries, Asia Minor, Armenia
- **jacobyi* (BALY, 1878: 38)** China
- kuesteri* (HELLIESEN, 1912: 7)**
***s. str.** Europe
- *ssp. *friderici* (WAGNER, 1927: 111)** Iberian Penins.
- latecincta* (DEMAISON, 1896: 12)**
s. str. S.-E. France
- ssp. *decipiens* (FRANZ, 1938: 207)** Pyrenees, Austria

- ssp. *graja* (FRANZ, 1938: 208)** Alps
- *ssp. *hellieseni* SILFVERBERG, 1977: 93** S.-E. Norway
(crassicornis HELLIESEN, 1912: 7 nec FABRICIUS, 1775: 99)
- ssp. *holdhausi* (FRANZ, 1949: 11)** Switzerland
- ssp. *hustachei* (LABOISSIERE, 1939: 128)** France
- ssp. *intermedia* (FRANZ, 1938: 250)** Great Britain, Alps
- ssp. *laboissierei* BECHYNÉ, 1952: 377** Pyrenees
- ssp. *norica* (HOLDHAUS, 1914: 126)** C. Alps
- ssp. *raetica* (FRANZ, 1938: 252)** N. Alps
- ssp. *rufohumeralis* (PIC, 1939: 26)** Pyrenees
- ssp. *sierrana* (FRANZ, 1958: 127)** Spain (Sierra de Guadarrama)
- ssp. *tarragonensis* BECHYNÉ, 1950: 140** Spain (S. Catalonia)
- ssp. *vallesiaca* (FRANZ, 1949: 12)** Switzerland
- mactata* (FAIRMAIRE, 1859: 152)**
***s. str.** Portugal, France, Spain
- *ssp. *insignis* (BREIT, 1920: 81)** Spain (Asturias)
- pavlenkoi* (JACOBSON, 1924: 82)** Primorski Krai
- **rossia* (ILLIGER, 1802: 415)** C., S.-E. Europe
(limitata KÜSTER, 1845: 72) (= *gypsophilae* x *rossia*)
(mancinii MÜLLER, 1924: 118)
(rossii SUFFRIAN, 1851: 38)
- **sanguinolenta* (LINNAEUS, 1758: 371)** W. Palaearctic

(*breiti* FRANZ, 1938: 254)
 (*distinguenda* STEPHENS, 1831: 344)
 (*epipleurica* REITTER, 1913: 110)
 (*marginalis* DUFTSCHMID, 1825: 182)
 (*morvennensis* MEQUIGNON, 1945: 29)
 (*porosa* GEBLER, 1830: 217)
 (*richteri* ROUBAL, 1934: 38)
 (*rubromarginata* DEGEER, 1775: 298)
 (*sanguinea* BRULLÉ, 1838: 73) ?

***stachydis** (GENE, 1839: 79) S. Europe

***variolosa** (PETAGNA, 1819: 19) Sicilia, S. Italy

(*melanostigma* HERRICH-SCHAEFFER, 1839: Hf.157)
 (*sicula* LEFEBURE, 1827: 104)
 (*sparshalli* STEPHENS, 1835: 425)

Subgenus *Sulcicollis* J. SAHLBERG, 1913: 247

(*Hoplosoma* MOTSCHULSKY, 1860: 211 nec AGASSIZ, 1846, type species:
Chrysomela lamina FABRICIUS [*oricalcia* MÜLLER], by the original designation)
 (*Minckia* STRAND, 1935: 292, nom. nov. for *Hoplosoma* MOTSCHULSKY nec
 AGASSIZ) **Syn. nov.** [remark 57]

Type species: *Chrysomela chalcites* GERMAR, by the monotypy.

***chalcites** (GERMAR, 1824: 587) Europe, Daghestan,
 Syria

(*chalcitis* SUFFRIAN, 1851: 121)
 (*festiva* MÉNÉTRIÉS, 1832: 235)

***oricalcia** (MÜLLER, 1776: 82) Europe

(*austriaca* OLIVIER, 1790: 717)
 (*bicolor* GABRIEL, 1902: 60 nec FABRICIUS, 1775: 95)
 (*bulgarensis* SCHRANK, 1781: 70)
 (*bulgarnensis* BEDEL, 1892: 144)
 (*dieneri* MERKL, 1897: 209)
 (*hobsoni* STEPHENS, 1831: 343)
 (*incrassata* MARSHAM, 1802: 186)
 (*laevicollis* OLIVIER, 1807: 519)

(*lamina* FABRICIUS, 1792: 311)
 (*olivacea* SCHALLER, 1783: 272)
 (*orichalcea* GMELIN, 1790: 1686)

****peregrina* (HERRICH-SCHAEFFER, 1839: Hf.157)**

s. str.

S. Europe

(*erythromera* LUCAS, 1849: 534)
 (*meridionalis* HERRICH-SCHAEFFER, 1839: Hf. 157) ?
 (*oberndorferi* BRENSKE, 1890: 14)
 (*schotti* SUFFRIAN, 1851: 39)

ssp. *impavida* BECHYNÉ, 1949: 54

Asia Minor, Israel,
Rhodes

****rufoaenea* (SUFFRIAN, 1851: 122)**

S., W. Europe

(*fallaciosa* WEISE, 1884: 401)

Subgenus *Synerga* WEISE, 1900: 283

(*Chrysonotum* J. SAHLBERG, 1913: 247, type species not designated) **Syn. nov.** [remark 25]

(*Menthastriella* BECHYNÉ, 1950: 74, type species: *Chrysomela herbacea* DUFTSCHMID, by the original designation) **Syn. nov.**

Type species: *Chrysomela bella* JACOBY, by the original designation.

***coerulans* (SCRIBA, 1791: 286)**

***s. str.**

C., E. Europe

(*oblonga* DUFTSCHMID, 1825: 188)
 (*olivaceonigra* FLEISCHER, 1892: 141)
 (*starhorni* REITTER, 1912: 118)
 (*violacea* PANZER, 1797: 8 nec MÜLLER, 1776: 81)
 (*vitellina* SCHRANK, 1781: 73)

ssp. *angelica* (REICHE et SAULCY, 1858: 33)

Syria

ssp. *bella* (JACOBY, 1890: 253)

N., E. India, Pakistan,
W. China

ssp. *iranica* (JAKOB, 1954: 47)

W. Iran, Afghanistan

- ssp. *piffli* (LOPATIN, 1967: 325)** Pakistan
- *ssp. *relicta* L. MEDVEDEV, 1977: 35** Ekaterinburg reg.
- *ssp. *splendorifera* (MOTSCHULSKY, 1860: 226)** Caucasus, Iran, Iraq, Turkmenistan
(*subfastuosa* MOTSCHULSKY, 1860: 226)
- *ssp. *uzbekorum* BECHYNÉ, 1950: 78** Caucasus, Uzbekistan, N. Afghanistan
- **herbacea* (DUFTSCHMID, 1825: 192)**
s. str. Europe, Siberia
- (*blanda* MOTSCHULSKY, 1860: 226)
(*cribellata* MOTSCHULSKY, 1860: 226 nec SUFFRIAN, 1851:46)
(*croatica* WEISE, 1884: 426)
(*fulgida* MOTSCHULSKY, 1860: 226 nec FABRICIUS, 1801: 432)
(*fulminans* SUFFRIAN, 1851: 92)
(*ignita* SUFFRIAN, 1851: 94 nec OLIVIER, 1807: 524)
(*mariannae* GISTL, 1857: 595)
(*menthastri* SUFFRIAN, 1851: 90)
(*meridionalis* JOLIVET, 1951: 472 nec HERRICH-SCHAEFFER, 1839: Hf. 157)
(*resplendens* SUFFRIAN, 1855: 144)
(*rugicollis* WEIDENBACH, 1859: 84)
(*semiglobosa* REINECK, 1922: 80)
- ssp. *alacris* BECHYNÉ, 1950: 77** Asia Minor
- ssp. *caucasica* (MOTSCHULSKY, 1860: 225)** Caucasus
- ssp. *recticollis* (MOTSCHULSKY, 1860: 225)** Armenia, Asia Minor
- ssp. *talyshana* BECHYNÉ, 1950: 77** Talysh, Elbrus
- **suffriani* (FAIRMAIRE, 1859: 282)** Corsica, Sardinia
- viridana* (KÜSTER, 1844: 85)**
***s. str.** Corsica, Sardinia, England

(*aurocuprea* FAIRMAIRE, 1859: 282)
 (*cupreopurpurea* COSTA, 1838: 49)
 (*ignita* OLIVIER, 1807: 524) ?
 (*palustris* SUFFRIAN, 1851: 96)
 (*sardea* WEISE, 1884: 426)

***ssp. *chloris* (LUCAS, 1849: 537)** N. Africa, S. Spain, S.
Italy, Sicily, Balears

Subgenus *Taeniochrysea* BECHYNÉ, 1950: 87

Type species: *Chrysomela americana* LINNAEUS, by the original designation.

****americana* (LINNAEUS, 1758: 392)** S. Europe

(*barbarica* GMELIN, 1790: 1683)
 (*decemstriata* GOEZE, 1777: 301)
 (*desdoueti* MARSEUL, 1887: 103)
 (*lesinae* WEISE, 1884: 411)
 (*nitidula* FOURCROY, 1785: 108)
 (*striata* VOET, 1806: 42 nec FABRICIUS, 1781: 122)
 (*ubertini* MARSEUL, 1887: 104)

Subgenus *Taeniosticha* MOTSCHULSKY, 1860: 207

Type species: *Chrysomela lurida* LINNAEUS [*reitteri saxonica* SILFVERBERG],
by the original designation.

****alata* (JACOBSON, 1910: 58)** Tien Shan

***dohrnii* (FAIRMAIRE, 1865: 81)**
s. str. Lebanon

(*libanicola* MARSEUL, 1868: 212)

ssp. *peyroni* (ANCEY, 1876: 94) Lebanon

****dzhungarica* (JACOBSON, 1910: 58) [remark 58]** Tien Shan

- imperfecta* (BREIT, 1920: 82)**
 **s. str.* Turkmenistan, Iran,
 Caucasus [remark 59]
 (*kaltenbachi* JAKOB, 1954: 46)
- ssp. plusquamperfecta* BECHYNÉ, 1952: 377** Afghanistan
- **koktumensis* LOPATIN et KULENOVA, 1987: 39** [remark 60] S.-E. Kazakhstan
- **kuldzhensis* LOPATIN, 1976: 113** Tien Shan, W. China
- **reitteri* (WEISE, 1884: 163)**
s. str. N.-W. Georgia
- ssp. bakuensis* BECHYNÉ, 1952: 377** Armenia, Azerbaijan
- ssp. fageli* BECHYNÉ, 1957: 2** Italy
- ssp. jailensis* BECHYNÉ, 1952: 376** Crimea
- ssp. lineata* PAPP, 1946: 23** Hungary, Banat,
 Temesvar
- ssp. mangaliana* BECHYNÉ, 1952: 376** Bulgaria, Rumania
- ssp. nevesinjensis* BECHYNÉ, 1952: 376** Bosnia, Bulgaria
- ssp. obscurefacta* BECHYNÉ, 1952: 376** Italy
- ssp. pseudolurida* (ROUBAL, 1917: 3)** W. Caucasus, Asia
 Minor
- ssp. saxonica* SILFVERBERG, 1977: 93** Europe, Kazakhstan,
 Sayan Mts.
 (*diluta* KRYNICKI, 1832: 171 nec GERMAR, 1824: 591)
Syn. nov. [remark 61]
 (*lurida* LINNAEUS, 1767: 590 nec SCOPOLI, 1763: 70)
- ssp. sequana* SILFVERBERG, 1977: 3** France
 (*striata* FOURCROY, 1785: 105 nec FABRICIUS, 1781:
 122)
- samarensis* BECHYNÉ, 1950: 137** Volga basin (Samara)

- *taygetana* BECHYNÉ, 1952: 374 [remark 62] Greece
**tianshanica* (JACOBSON, 1910: 59) Tien Shan

Subgenus *Threnosoma* MOTSCHULSKY, 1860: 213

Type species: *Chrysomela helopioides* SUFFRIAN, by the original designation.

- afra* (ERICHSON, 1841: 190)
**s. str.* Algeria, Morocco
**ssp. maritima* (PEYERIMHOFF, 1938: 53) Algeria
- anceyi* (MARSEUL, 1868: 211)
s. str. Palestine, Syria
ssp. pluscula BECHYNÉ, 1950: 52 Mesopotamia, Iraq
ssp. winkleri (BREIT, 1919: 18) Syria
- arambourgi* (PEYERIMHOFF, 1938: 52) Algeria
- cribrosa* (AHRENS, 1812: 1)
**s. str.* C. Europe
(lucidala APFELBECK, 1912: 248)
**ssp. sirentensis* (MEIER, 1900: 78) Italy
(maestitalis BECHYNÉ, 1950: 55)
- fimbrialis* (KÜSTER, 1845: 14)
**s. str.* C. Europe
(hungarica FUSS, 1861: 1)
(molluginis REDTENBACHER, 1849: 544 nec BRAHM,
 1790: 226)
ssp. avulsa BECHYNÉ, 1946: 106 Bosnia, Dalmatia,
 Croatia
(rufocingulata CSIKI, 1953: 129)

- ssp. langobarda** DACCORDI et RUFFO, 1979: 307 Italy
- helopioides** (SUFFRIAN, 1851: 12)
*s. str. Andalusia, Algeria
- ssp. korbi** (WEISE, 1891: 149) Andalusia
- inflata** (WEISE, 1916: 76)
*s. str. Sicilia, S. Italy, Tunisia
(*atra* HERRICH-SCHAEFFER, 1839: Hf.157 nec GOEZE, 1777: 301)
- ***ssp. vitiosa** BECHYNÉ, 1950: 57 Tunisia
- joliveti** BECHYNÉ, 1950: 56 France
- mairei** (PEYERIMHOFF, 1928: 41)
s. str. Morocco
- ssp. pauliani** (PEYERIMHOFF, 1939: 34) Morocco
- obenbergeri** BECHYNÉ, 1950: 54 Rumania
- ***obscurella** (SUFFRIAN, 1851: 11)
s. str. Italy, S. France
(*pelagica* CHEVROLAT, 1863: 120)
- ssp. remigrata** BECHYNÉ, 1950: 57 Italy
- osellai** DACCORDI et RUFFO, 1979: 308 Italy
- rubricus** (DESBROCHERS DES LOGES, 1899: 44) Algeria
- ***scorodon** (MARSEUL, 1886: 12) Algeria
- serdanensis** JOLIVET, 1966: 128 Morocco
- solata** (FAIRMAIRE, 1879: 218) Algeria
- ***tagana** (SUFFRIAN, 1851: 9) Spain, Portugal

***tangeriana* (KOCHER, 1958: 43)** Morocco

(*tortipennis* PEYERIMHOFF, 1938: 55 nec FAIRMAIRE,
1865: 72)

****tortipennis* (FAIRMAIRE, 1865: 72)** Algeria

(*extricata* BECHYNÉ, 1950: 57)
(*pertusa* FAIRMAIRE, 1865: 73)

****weisei* (FRIVALDSZKY, 1883: 16)** Rumania

Subgenus *Timarchomela* ACHARD, 1922: 17

Type species: not designated.

***aeneolucens* (ACHARD, 1922: 17)** China (Yunnan)

(*melanaspis* ACHARD, 1922: 18)

***costulata* (ACHARD, 1922: 18)** China (Yunnan)

***dalia* CHEN et WANG, 1984: 170** China (Yunnan)

Subgenus *Timarcholina* BECHYNÉ, 1950: 66

Type species: *Chrysomela templetoni* BALY, by the original designation.

***andrewesi* (JACOBY, 1903: 95)** India

***carinata* (JACOBY, 1903: 94)** India

****clavareau* (CHEN, 1933: 381)** India

***janczyki* DACCORDI, 1980: 74** India

***krishnu* (BALY, 1862: 21)** Myanma

***longicornis* MAULIK, 1926: 19** India

***mauliki* BECHYNÉ, 1950: 68** Sri Lanka

- semifulva* (JACOBY, 1893: 106) India
- **templetoni* (BALY, 1862: 93) Sri Lanka
- (*gahani* JACOBY, 1899: 81)
(*jole* STAL, 1860: 463)

Subgenus *Timarchoptera* MOTSCHULSKY, 1860: 188

Type species: *Chrysomela haemochlora* GEBLER, by the original designation.

- **haemochlora* (GEBLER, 1823: 120) W. Siberia, Mongolia,
Altai, Transbaikalia
- (*hemichlora* GERMAR, 1824: 591)
(*rubra* MOTSCHULSKY, 1845: 109)

Subgenus *Vittatochrysa* LOPATIN, 1977: 145

Type species: *Chrysomela nigrovittata* BALLION, by the monotypy.

- **nigrovittata* (BALLION, 1878: 380) C. Asia, N.-W. China

Species of uncertain position

- bruneli* (DEMAISON, 1896: 12) [remark 67] Turkey
- (*concolor* DEMAISON, 1896: 12)
(*nebulosa* DEMAISON, 1896: 12)
- dhaulagirica* L. MEDVEDEV, 1990: 12
s. str. Nepal
- ssp. *arunensis* L. MEDVEDEV, 1992: 386 Nepal
- **dohertyi* MAULIK, 1926: 20 [remark 63] Vietnam, S.-W. China,
Myanma
- **fascinatrix* LOPATIN, 1998: 831 N.-W. Yunnan
- **kinabaluensis* BECHYNÉ, 1952: 373 [remark 64] Kalimantan

<i>ocelligera</i> (Clavareau, 1909: 392)	Africa (Umbugwe)
<i>pieli</i> CHEN, 1936: 96	China (Jiangxi)
* <i>seriepunctata</i> (WEISE, 1887: 176) [remark 66]	Amur reg., Primorski Krai
<i>villiersi</i> (PEYERIMHOFF, 1939: 34) [remark 65] s. str.	C. Morocco
* <i>ssp. ruficornis</i> (KOCHER, 1953: 95)	E. Morocco
<i>ssp. siruense</i> (KOCHER, 1953: 95)	W. Morocco

SPECIES UNKNOWN TO ME

Africa

<i>africana</i> (JACOBY, 1898: 241)	S. Africa
<i>corrugata</i> (PERINGUEY, 1892: 87)	S. Africa
<i>decempustulata</i> (THUNBERG, 1787: 44)	S. Africa
<i>eburneipennis</i> (CLARK, 1864: 118)	S. Africa
<i>plagioderoides</i> (VOGEL, 1871: 95)	S. Africa
<i>postviolacea</i> (MARSEUL, 1887: 100)	Algeria
<i>ruginosa</i> (FAIRMAIRE, 1873: 356)	Algeria
<i>transvalense</i> (JACOBY, 1901: 253)	S. Africa

Asia

<i>fuyunica</i> CHEN, 1961: 430 s. str.	China (Sinkiang)
<i>ssp. alta</i> CHEN, 1961: 431	China (Sinkiang)
<i>kamali</i> ABDULLAH et QURESHI, 1969: 107	Pakistan
<i>nushana</i> CHEN et WANG, 1984: 170	China (Yunnan)
<i>punjabiensis</i> ABDULLAH et QURESHI, 1969: 107	Pakistan
<i>taibaica</i> CHEN, 1961: 431	China (Chensi)
<i>zhongdiana</i> CHEN et WANG, 1984: 171	China (Yunnan)

Canaries

<i>fortunata</i> (WOLLASTON, 1864: 402)	
---	--

Nomina oblita

<i>ambulans</i> (FALDERMANN, 1835: 106)	Siberia (Irkutsk)
<i>corrosa</i> (KÜSTER, 1845: 73)	Sardinia
<i>hochhuthi</i> (SUFFRIAN, 1851: 72)	Middle Asia, Siberia
<i>liturata</i> (SWARTZ, 1808: 241)	?
<i>nepalensis</i> (HOPE, 1831: 30)	Nepal
<i>perforata</i> (REDTENBACHER, 1848: 557)	Kashmir
(nec GEBLER, 1830: 216)	
<i>praticola</i> (DUFTSCHMID, 1825: 173)	Austria
<i>rufomarginata</i> (BALY, 1879: 191)	Mesopotamia
(nec SUFFRIAN, 1851: 65)	
<i>teichophila</i> (CSIKI, 1901: 117)	China
(<i>trichophila</i> CHEN, 1936: 72, lapsus calami)	
<i>undata</i> (FABRICIUS, 1787: 55)	S. Africa
<i>urbana</i> (CSIKI, 1901: 117)	Siberia

SPECIES TRANSFERRED TO *CHRYSOLINA* AFTER PUBLICATION OF THE COLEOPTERORUM
CATALOGUS (WEISE 1916)

Chrysomela analis LINNAEUS, 1767 was erroneously included by WEISE (1916) in the genus *Hydrothassa* THOMSON, 1866, and later transferred to *Chrysomela* (*Chrysolina*) by MADER (1931).

Crosita alaskanica JACOBSON, 1898 and *C. przewalskyi* JACOBSON, 1898 were transferred to *Chrysolina* by MEDVEDEV (1976).

Crosita kuznetzowi JACOBSON, 1902 was transferred to *Chrysomela* (*Chrysolina*) by KONTKANEN (1957).

Crosita sahlbergiana JACOBSON, 1901 was transferred to *Chrysomela* (*Chrysolina*) by JACOBSON (1925).

Crosita concinna WEISE, 1894 was synonymized with *Chrysolina rugulosa* (GEBLER, 1841) by LOPATIN (1975).

Crosita jakowlewi WEISE, 1894 was transferred to *Chrysolina* by MEDVEDEV & KOROTYAEV (1976).

Iscadida ornata BALY, 1876 was transferred to *Chrysolina* by BECHYNÉ (1954).

Chrysochloa colasi COBOS, 1952 was transferred to *Chrysolina* by KUHNELT (1983).

Colaphellus grouvellei ACHARD, 1926 was synonymized with *Chrysolina bowringii* by GRESSITT & KIMOTO (1963).

Chrysomela ocelligera CLAVAREAU, 1909 (Africa) was transferred by WEISE (1916) to the genus *Ageniosa* WEISE, 1908. Later, BURGEON (1941) examined the type of this species and retransferred it to *Chrysolina*.

SPECIES EXCLUDED FROM *CHRYSOLINA* AFTER PUBLICATION OF THE COLEOPTERORUM CATALOGUS (WEISE 1916)

***Chrysomela acaciae* LEA, 1916** (Australia) was transferred by SELMAN (1977) to the genus *Starycea* SELMAN, 1977.

***Chrysomela balyi* JACOBY, 1893: 106** (S. India) was transferred by MAULIK (1926) to the genus *Humba* CHEN, 1934 (*Eumela* BALY, 1875).

***Chrysolina blaisdelli* VAN DYKE, 1938** (Alaska) was transferred by BROWN (1956) to the genus *Chrysomela* LINNAEUS, 1758 (*Melasoma* STEPHENS, 1831).

***Chrysomela caffra* THUNBERG, 1821** (S. Africa) was transferred by BECHYNÉ (1948) to the genus *Sphaeratrix* GISTL, 1848 (*Monardita* BECHYNÉ, 1948).

***Chrysomela cyrtonoides* JACOBY, 1885: 206** (Japan) was transferred by CHEN (1936) to the genus *Potaninia* WEISE, 1889.

***Chrysolina engelhardti* HATCH, 1939** (Alaska) was transferred by BROWN (1956) to the genus *Chrysomela* (*Melasoma*).

***Chrysomela gabonensis* VOGEL, 1871** (Africa) was transferred by BECHYNÉ (1948) to the genus *Sphaeratrix*.

***Chrysomela indica* JACOBY, 1893: 105** is considered here as a member of the genus *Timarchomima* [remark 68].

***Chrysomela intercoxalis* LEA, 1916** (Australia) was synonymized with *Starycea intemerata* (LEA, 1902) by SELMAN (1977).

***Chrysomela modesta* FABRICIUS, 1792** (China, Himalaya) is a member of a eumolpine genus *Eurypelta* LEFEVRE, 1885 - after DACCORDI (1976).

***Chrysomela mulsa* Weise, 1904** (Africa) was transferred by BECHYNÉ (1948) to the genus *Sphaeratrix*.

***Chrysomela mutabilis* HOPE, 1831** (Iran, India, China) was synonymized (MAULIK 1936) with *Gallerucida rutilans* HOPE, 1831.

***Chrysomela opulenta* REICHE, 1850** (Africa) (with subspecies: *obesa* VOGEL, 1871 and *cupreolineata* WEISE, 1904 and synonyms: *ponderosa* GERSTAECKER, 1873, *reichei* VOGEL, 1871, *sansibarica* HAROLD, 1880, *semiviolacea* JACOBY, 1895, and *tiutaini* FAIRMAIRE, 1891) was transferred by BECHYNÉ (1948) to the genus *Sphaeratrix*.

***Chrysomela pubiceps* LEA, 1916** (Australia) was transferred by SELMAN (1977) to the genus *Starycea* SELMAN, 1977.

***Chrysomela pyrrhopyga* STAL, 1857** (India) was synonymized with *Humba cyanicollis* (HOPE, 1831) by KIMOTO & GRESSITT (1981).

***Chrysomela scutellaris* LINNÉ, 1896** (E. Africa) was synonymized with *Ceralces variabilis* GESTRO, 1895 by DACCORDI (1980).

***Chrysomela speciosa* LINNAEUS, 1767** is the type species of the genus *Oreina* CHEVROLAT, 1837 according to BONTEMS (1981).

NON *CHRYSOLINA*

A number of species described in the 20th century under the generic name *Chrysomela* actually belong to *Chrysolina* as well as to several unrelated genera:

Chrysomela adamsi insularis CHÛJÔ, 1940 (Japan) and *Chrysomela adamsi placida* CHEN, 1934 (China) are the members of the genus *Linaeidea*.

Chrysomela bilineata BRAYAN, 1940 (Sierra Leone), *Ch. keniae* BRAYAN, 1940 (Kenya), *Ch. knabi knabi* BROWN, 1956, *Ch. crotchii* BROWN, 1956, *Ch. invicta* BROWN, 1956, *Ch. alnicola alnicola* BROWN, 1956, *Ch. alnicola interna* BROWN, 1956, *Ch. alnicola littorea* BROWN, 1956, *Ch. walshi* BROWN, 1956, *Ch. falsa* BROWN, 1956, *Ch. laurentia* BROWN, 1956, *Ch. semota* BROWN, 1956, *Ch. knabi hesperia* BROWN, 1961, *Ch. sonorae* BROWN, 1966 from N. America, *Ch. wrangeliana* L. MEDVEDEV, 1973 (Wrangel Isl.), and *Ch. taimyrensis* L. MEDVEDEV, 1969 are members of the genus *Chrysomela* L. (*Melasoma* STEPH.).

Chrysomela multimaculata LEA, 1929 (Australia) represents an undescribed genus (Dr. Ch. REID, personal communication)

Chrysomela nitida PHILIPP., 1864 (Chile), *Ch. obscurata* PHILIPP., 1864 (Chile), and *Ch. quadristriata* PHILIPP., 1864 (Chile) are obviously not *CHRYSOLINA* because this genus is not represented in S. America.

Chrysomela carbonata BOISDUVAL, 1835 (Australia) is obviously not *Chrysolina*. This species is unrecognized by recent Australian authors (Dr. Ch. REID, personal communication).

Chrysomela duperreyi MONTROUZIER, 1857 (New Caledonia) is obviously not *Chrysolina* (Dr. Ch. REID, personal communication). This name was not mentioned by anyone since the original description.

REFERENCES

- ABDULLAH, M., Sh. S. QURESHI, 1969. A key to the pakistani genera and species of the *Chrysomelinae* and *Halticinae* (Coleoptera: Chrysomelidae), with description of new genera and species including the economic importance. Pakistan. J. Sci. Ind. Res., **12**: 105-120.
- ACHARD, J., 1914. Description d'espèces nouvelles de la Famille des Phytophages, Insecta. Rev. illustrée d'Ent. **4**: 42-58.
- , 1922. Descriptions de nouveaux Chrysomelini (*Col. Chrysomelidae*). In: Fragments Entomologiques, Prague: 13-28.
- , 1924. Nouveaux Chrysomélides d'Afrique (*Col.*). Casopis, **21**: 105-106.
- , 1926a. Notes sur quelques *Chrysomelidae* du Musée du Congo Belge. Rev. zool. Afr., **14**, 1: 42-53.
- , 1926b. Fragments entomologiques. Prague: 129-144.
- AHRENS, A., 1812. Beitrage zur Kenntnis deutscher Kaefer. Neue Schrift. naturf. Ges. Halle, **2**, 2: 2-40.
- ALLEN, A.A., 1998. *Chrysolina viridana* (KÜSTER) (*Col., Chrysomelidae*) found in the Isle of Wight. Ent. Monthly Mag., **134** (1610-1611): 270.
- ALLENSPACH, V., 1945. Zur Kenntnis von *Chrysomela asclepiadis* VILLA. Mitt. der Schweiz. Ent. Ges., **19**, 9: 338-341.
- ANCEY, F., 1876. Description d'une espèce nouvelle de *Chrysomela*. Petites nouvelles ent., **8**, 2, 162: 94.
- , 1881. Descriptions de coleopteres nouveaux. Naturaliste, **1**: 412-413, 461-462, 468-469, 485-486, 509.
- AHRENS, A. 1812. Fauna Insectorum Europae. Fasc. 1. Halae, 25 pp. + 25 pl.
- APFELBECK, V., 1912. Family *Chrysomelidae* (*Col.*) at Balkan Peninsula. Glasn. zem. Mus. Bosn. Herc., **24**: 235-263. [in Serbian]
- BALLION, E., 1878. Verzeichniss der im Kreise von Kuldsha gesammelten Käfer. Bull. Soc. Nat. Mosc., **53**, 2: 253-389.
- BALY, J. S., 1855-1856. Monograph of the Australian species of *Chrysomela*, *Phyllocharis* and allied Genera. Trans. Ent. Soc. London, N.S., **3**, 5: 170-186, **3**, 7: 241-263.
- , 1862a. Descriptions of six new species of *Chrysomela* from the East. J. Ent. **1**: 93-97.
- , 1862b. Descriptions of new species of Phytophagous beetles. Annls. and Magazine of Natur. Hist., includ. Zool., Bot. and Geol., 3 Ser., **10**: 17-28.
- , 1864. Descriptions of uncharacterized genera and species of *Phytophaga*. Trans. Ent. Soc. London, 3 ser., **2**: 223-243.
- , 1867. *Phytophaga* Malayana; a revision of the Phytophagous beetles of the Malay Archipelago, with descriptions of the new species. Trans. Ent. Soc. London, 3 series, **4**: 1-300.
- , 1874. Catalogue of the Phytophagous *Coleoptera* of Japan, with descriptions of the species new to science. Trans. Ent. Soc. London, **2**: 161-217.
- , 1876. Diagnoses of undescribed species of *Phytophaga*. Ent. Monthly Mag., **13**: 79-82.
- , 1878. Diagnosis of a new genus and some undescribed species of African *Phytophaga*. Ent. Monthly Mag. **14**: 204-206.
- , 1878. Characters of new genera and of some undescribed species of phytophagous beetles. Ann. Mag. Nat. Hist., **5**, 1: 38-44.
- , 1879. An attempt to point out the differential characters of some closely-allied of *Chrysomela*, principally those contained in SUFFRIAN's 11th group; also descriptions of some hitherto uncharacterized forms belonging to the same and other genera of the family. Trans. R. Ent. Soc. Lond. **1879**: 171-197.
- BARABÁS, L., 1977. Bemerkungen über einige slowakische Blattkäfer (*Col., Chrys.*). Ent. Problemy (Biol. Prace), **14**: 9-12. [in Slovak]
- BECHYNÉ, J., 1946a. Nomenklatorické a faunistické poznámky k některým druhům rodu *Chrysolina* MOTSCH. Ent. Listy, **9**, 3: 105-112.
- , 1946b. Notulae synonymicae et faunisticae specierum nonnularum generis *Chrysolina* MOTSCH. (*Col. Phytoph. Chrysomelidae*). Ent. Listy, **9**, 3: 105-112.

- , 1947. Druhý příspěvek k poznání rodu *Chrysolina* MOTSCH. Ent. Listy, **10**, 1-4: 58-64.
- , 1948a. Coléoptères d'Angola. *Phytophaga*, *Chrysolimidae* et *Halticidae*. Rev. suisse Zool., **55**, 29: 533-548.
- , 1948b. Třetí příspěvek k poznání rodu *Chrysolina* MOTSCH. Ent. Listy, **2** 11: 10-15.
- , 1949a. Contribution a la connaissance du groupe de *Chrysolina carnifex* (Col.). Bull. mens. Soc. Linn. Lyon, **18**, 5: 84-86.
- , 1949b. Čtvrtý příspěvek k poznání rodu *Chrysolina* MOTSCH. Ent. Listy, **12**: 48-55.
- , 1950a. 7e contribution a la connaissance du genre *Chrysolina* MOTSCH. (Col. *Phytophaga Chrysolimidae*). Ent. Arbeit. Mus. G. Frey, **1**: 47-185.
- , 1950b. Nouvelles espèces de *Chrysolina*, subg. *Naluhia* (Coleoptera, *Chrysolimidae*) de l'Afrique équatoriale. Publ. Serv. Cult. Mus. Dundo, Angola: 7-11.
- , 1952a. Achter Beitrag zur Kenntnis der Gattung *Chrysolina* MOTSCH. (Col., *Phytoph.*, *Chrysolimidae*). Ent. Arbeit. Mus. G. Frey, **3**: 351-385.
- , 1952b. Notes sur quelques *Chrysolina* des Pyrenées, (Col. *Chrysolimidae*). Rev. franc. Ent., **19**: 171-173.
- , 1953. *Chrysoliminae* (Coleoptera *Phytophaga*). Explor. Parc. nat. Albert, 1. Mission G. F. DE WITTE 1933-1935, **79**, 5: 83-86.
- , 1954a. Beiträge zur Kenntnis der echten Chrysolimiden (Col. *Phytophaga*). Ent. Arbeit. Mus. G. Frey, **5**: 581-674.
- , 1954b. Note sui *Chrysolimidae* veri d'Europa (Coleopt.). Boll. Soc. ent. ital., **84**, 5-6: 90-91.
- , 1955a. Contributions à l'étude de la faune entomologique du Ruanda-Urundi (Mission P. BASILEWSKY 1953). 64. *Coleoptera Chrysolimidae Chrysoliminae* et *Alticinae*. Ann. Mus. Congo belge (ser. 8), Sci. zool., **40**: 204-230.
- , 1955b. Notes sur les *Chrysolimini* (Coleopt., *Chrysom.*) de la Méditerranée orientale, Bull. Res. counc. Israel, **4**: 347-350.
- , 1956. Note su *Chrysolimidae* veri (Coleopt.). Boll. Soc. ent. ital., **86**, 1-2: 16-17.
- , 1957. Notes sur quelques *Chrysolimoidea* paléarctiques recueillis par M.G. FAGEL (Coleoptera *Phytophaga*). Bull. Inst. R. Sci. nat. Belg., **33**, 31: 1-4.
- BEDEL, L., 1892. Faune des Coléoptères du bassin de la Seine, **5**, *Phytophaga* [fasc. 4]. Ann. Soc. ent. France, Paris, **61**: 137-160.
- , 1899. Faune des Coléoptères du bassin de la Seine, **5**, *Phytophaga* [fasc. 7]. Ann. Soc. ent. France, Paris: 229-276.
- , 1921. Coléoptères nouveaux du Maroc. Récoltés du Dr. M. BEDEL dans le Moyen Atlas, 1916-1917. Bull. Soc. ent. France, **26**, 3: 59-61.
- BIEŃKOWSKI, A.O. 1997. Some surprising discoveries of *Chrysolina relucens* (Coleoptera, *Chrysolimidae*) on the White Sea shore, in Siberia and in the Far East. Ent. Fennica, **7**: 195-199.
- , 1997. New distributional records for several Palaearctic *Chrysolimidae* species with some systematic remarks (*Insecta: Coleoptera*). Faun. Abh. Mus. Tierkd. Dresden, **21**, 4: 91-104.
- , 1998. Revision of the subgenus *Anopachys* MOTSCHULSKY, 1860 of the genus *Chrysolina* MOTSCHULSKY, 1860 (Coleoptera: *Chrysolimidae: Chrysoliminae*). Genus, **9**, 2: 95-153.
- , 1999. A review of the species of the subgenus *Chrysolina* (*Pleurosticha* MOTSCHULSKY) (*Insecta: Coleoptera: Chrysolimidae*). Ent. Abhandlungen, **58**, 10: 165-179.
- BOURDONNÉ, J.-C., 1977. Note sur *Chrysolina* (*Bechynia*) *platypoda* BECHYNÉ (Coleoptera *Chrysolimidae Chrysoliminae*). Nouv. Rev. Ent., **7**, 3: 329-334.
- , 1981. Réhabilitation de *Chrysolina bigorrensis* (FAIRMAIRE) (Coleoptera *Chrysolimidae Chrysoliminae*). Nouv. Rev. Ent., **11**, 4: 351-361.
- , 1984. Interprétation de trois types de *Chrysolina* de FABRICIUS (Coleoptera *Chrysolimidae Chrysoliminae*). L'Entomologiste, **40**, 3: 97-103.
- , 1986. *Chrysolina* (*Bechynia*) *substrangulata*, nouvelle espèce de Hongrie (Coleoptera, *Chrysolimidae*). Nouv. Rev. Ent. (N.S.), **3**, 2: 235-241.
- , 1988a. Note sur les deux *Chrysolina coerulea* d'OLIVIER (Coleoptera, *Chrysolimidae, Chrysoliminae*). L'Entomologiste (Paris), **44**, 1: 5-15.

- , 1988b. Les statuts de *Chrysomela carnifex* FABRICIUS, *melanaria* SUFFRIAN et *milleri* WEISE (*Coleoptera*, *Chrysomelidae*). Nouv. Rev. Ent. (N. S.), **5**, 2: 101-112.
- , 1991. Rectification sur les désignations de quelques types de Chrysomélides (*Col.*). Nouv. Rev. Ent., **8**, 2: 150.
- , 1996. *Chrysolina* (*Mimophaedon*) *pourtoyi* nouveau sous-genre et nouvelle espèce, endémique pyrénéenne (*Coleoptera Chrysomelidae*). Nouv. Rev. Ent. (N. S.), **13**, 4: 341-351.
- , 1999. Les types de *Chrysomela* de SUFFRIAN appartenant au sous-genre *Maenadochrysa* BECHYNE 1950 (*Coleoptera*, *Chrysomelidae*). Nouv. Revue Ent. (N. S.), **16**, 1: 27-58.
- BOURDONNÉ, J.-C., S. DOGUET, 1991. Données sur la biosystematique des *Chrysolina* l.s. (*Coleoptera: Chrysomelidae: Chrysolimelinae*). Ann. Soc. ent. France (N.S.), **27**, 1: 29-64.
- BRAHM, N. J., 1790. Insektenkalender für Sammler und Oekonomen. 1. Mainz, LXLII + 248 pp.
- BRANCSIK, C., 1899. Aliquot *Coleoptera* nova Russiae asiaticae. Jahr. Naturwiss. Ver. Trencsen, 21-22: 103-105.
- , 1910. Species et varietates novae Coleopterorum exoticorum ac palae-arcticorum. Trenc. Term. Etyl. Evkoen., Trencsen, **31-33**: 176-190.
- BREIT, J., 1919. *Chrysomela*-Studien I. Koleopt. Rdsch., **8**, 1/3: 14-19.
- BREIT, J., 1920. *Chrysomela*-Studien II. Koleopt. Rdsch., **8**, 7/12: 81-88.
- BRENSKE, E., 1890. Eine neue *Chrysomela* aus Italien. Entomol. Nachr., **16**: 14-15.
- BRISOUT, 1882. Ann. Soc. ent. France, (6) II, Bull.: CLXXIX-CLXXX.
- BROWN, W.J., 1937. Some new Canadian *Chrysomelidae*. Canadian Ent., **70**: 35-38.
- , 1962. The American species of *Chrysolina* MOTS. (*Coleoptera: Chrysomelidae*). Canadian Ent., **94**: 58-74.
- , 1966. *Chrysolimelinae* and *Curculionidae* (*Coleoptera*); descriptions and notes. Canadian Ent., **98**: 855-859.
- BRULLÉ, A., 1832. IV classe. Insectes. In: Expedition scientifique de Morée. Section des sciences physiques, 3, 1, Zoologie, Des animaux articulés, Paris: 400 + 4 pp.
- , 1838. *Insectes*. In BARKER-WEBB P., BERTHELOT S., Histoire naturelle des Iles Canaries, **2**, 2. Paris: 53-95.
- BRYANT, G. E., 1940. On new African *Phytophaga*. Proc. R. ent. Soc. London (B) **9**: 42-43.
- BURGEON, L., 1941. Les *Chrysolimelinae* du Congo belge. Rev. Bot. Zool. Afr., **35**, 2: 180-217.
- CHARPENTIER, T., 1825. Horae Entomologicae, adjectis tabulis novem coloratis. Wratislavia, XVI + 261 pp.
- CHEN, S.H., 1933. *Chrysomelidae* (*Coleoptera*) nouveaux de l'Asie tropicale, 1. Bull. Mus. Paris, (2) **5**, 5: 381-388.
- , 1934. Recherches sur les *Chrysolimelinae* de la Chine et du Tonkin. Thesis Fac. Sci. Univ. Paris, Fac. sci., 104 pp.
- , 1935a. Schwedisch-chinesische wissenschaftliche Expedition nach den nordwestlichen Provinzen Chinas,... 19. *Coleoptera*. 5. *Chrysolimelinae* & *Halticinae*. Arkiv f. Zoologi, **27A**, 5: 1-13.
- , 1935b. Recherches sur les *Chrysolimelinae* de la Chine et du Tonkin. Ann. Soc. ent. France, **104**: 128-158.
- , 1936a. Catalogue des *Chrysolimelinae* de la Chine, de l'Indochine et du Japon. Notes d'Ent. Chinoise, **3**, 5: 63-100.
- , 1936b. Recherches sur les *Chrysolimelinae* de la Chine et du Tonkin (suite 1). Ann. Soc. ent. France, **105**: 145-176.
- , 1961. New species of chinese *Chrysolimelidae*. Acta ent. sinica, **10**, 4-6: 429-435.
- CHEN, S., S.-y. WANG, 1984. New *Chrysolimelinae* beetles from Hengduan Mountains, Yunnan (*Coleoptera: Chrysomelidae*). Acta zootaxon. sin., **9**, 2: 170-175.
- CHEKHOV, Yu.I., L.N. MEDVEDEV, and O.A. KHRULEVA, 1993. Leaf beetles (*Coleoptera, Chrysolimelidae*) in the Arctic. Zool. J., **72**, 9: 78-92. [in Russian]
- CHEVROLAT, A., 1833. In: Catalogue des Coléoptères de la collection de M. le Comte DEJEAN, Paris: 443 pp.
- , 1843. In: d'ORBIGNY, Dictionnaire universel d'histoire naturelle..., 3. Paris, 744 pp.
- , 1863. In: GRENIER A. Catalogue des Coléoptères de France, et matériaux pour servir à la faune des Coléoptères français. Paris, IV + 79 + 135 pp.

- CHŪJŌ, M., 1940. Beitrag zur Chrysomeliden-fauna der Insel Sikoku (Japan) I. Kontyu, **14**: 65-82.
- , 1941. Chrysomelid-beetles from Korea (III). Trans. Nat. Hist. Soc. Formosa, **31**: 61-75.
- , 1958. A taxonomic study on the *Chrysomelidae* (*Insecta, Coleoptera*) from Formosa. Part X. Subfamily *Chrysomelinae*. Quart J. Taiwan Mus., **11**: 1-85.
- CHŪJŌ, M., S. KIMOTO, 1960. Descriptions of three new genera and a new species of Chrysomelid-beetles from Japan, with some notes on the Japanese species. Niponius, **1**, 4: 1-10.
- CLARK, H., 1864. Catalogue of *Chrysomelidae* of South Africa. Ann. & Mag. Nat. Hist. **3**, 14: 115-124, 169-174.
- CLAVAREAU, H., 1909. Descriptions de Phytophages africains. Ann. Soc. Ent. Belg., **53**: 377-393.
- COBOS, A., 1952. Nuevas especies de Coleopteros *Phytophagoidea* de la provincia de Almería (Sudeste Español). Boll. Ass. romana Ent., Rome, **7**, 1: 1-8.
- , 1953. Especies nuevas de Coléopteros de la provincia de Almería, 1. Arch. Inst. Aclimat., Almería, **1**: 127-134.
- CODINA PADILLA, F., 1960. *Chrysomela vagecincta* FAIRMAIRE ssp. *obscuriventris* nov. (*Col. Chrysomelidae*). Soc. sci. nat. phys. Maroc, **4**: 66-68.
- , 1961. Nota sobre las *Chrysomela* ibero-marroquies del subgenero *Polysticta* HOPE (*Col. Chrysomelidae*). Bull. Soc. Sci. nat. Maroc, **41**, 1: 69-83.
- COSTA, O. G., 1838. Fauna Vesuviana, ossia descrizione degli Insetti che vivono ne'Fumajoli del Cratere del Vesuvio. Atti Accad. Sci. Sez. Soc. Borb., Napoli, **4**: 21-53.
- CRISTOFORI, J., J. GEORGI, 1832. Catalogus in IV. sectiones divisus rerum naturalium in Museo Extantium. Sectio 3a Entomologia. Pars 1a conspectus methodicus insectorum. I. *Coleoptera*: 112 pp.
- CSIKI, E., 1901. Coleopteren. In: HORVATH, C., Zoologische Ergebnisse der dritten asiatischen Forschungsreise des Grafen Eugen Zicky, Budapest-Leipzig, **3**: 472 pp.
- , 1940. *Coleoptera nova ex Hungaria*. Math. term. Ert., Budapest, **59**: 916-920.
- , 1953. Ueber neue und bekannte Coleopteren aus Ungarn und den angrenzenden Landern. Ann. Hist.-nat. Mus. Nat. Hung., **3**: 115-135.
- DACCORDI, M., 1971. Descrizione di una nuova specie e di una nuova sottospecie di *Chrysomela* appartenenti al sottogenere *Palaeosticta* BECHYNÉ (*Coleoptera Chrysomelidae*). Mem. Mus. civ. Stor. nat. Verona, **19**: 511-518.
- , 1973. Note sinonimiche su di alcuni Crisomelidi (*Coleoptera Chrysomelidae*). Bull. Anns. Soc. r. ent. Belg., **109**, 6-12: 214-216.
- , 1976a. Descrizione di due nuove specie di Crisomeline dell'Africa orientale con alcune considerazioni sul Genere *Liomela* WEISE (*Coleoptera Chrysomelidae*). Revue Zool. afr., **90**, 4: 1009-1016.
- , 1976b. Note sinonimiche su *Eurypelta modesta* F. (*Coleoptera Chrysomelidae*). Boll. Mus. civ. Stor. nat. Verona, **3**: 594.
- , 1976c. Note sinonimiche su alcuni *Entomoscelini* con osservazioni sul sottogenere *Synerga* e descrizione di due nuove specie di *Semenowia* (*Coleoptera Chrysomelidae*). Boll. Soc. Ent. ital., **108**, 1/2: 31-39.
- , 1976d. Considerazioni sulle *Crosita* del sottogenere *Bittotaenia* MOTSCH. con descrizione di una nuova specie del monte Sinai. Atti Soc. ital. Sci. nat. Museo civ. Stor. nat. Milano, **117**, 1-2: 79-84.
- , 1978a. Risultati della spedizione in Etiopia della Accademia Nazionale dei Lincei: *Coleoptera, Chrysomelidae*, subfam. *Chrysomelinae*. Problemi Attu. Sci. Cult., **243**: 191-195.
- , 1978b. Nuove specie di *Chrysolina* della Regione Etiopica (*Coleoptera Chrysomelidae*). Rev. Zool. afr., **92**, 3: 745-752.
- , 1979. Nuove specie di Crisomeline della Regione Orientale. (*Coleoptera: Chrysomelidae* Subfam. *Chrysomelinae*). Entomologica Basiliensia, **4**: 443-461.
- , 1980a. I sottogeneri di *Chrysolina* della subregione indiana con descrizione di una nuova specie (*Col. Chrys.*). Boll. Soc. ent. ital., **112**, 4-6: 74-79.
- , 1980b. I sottogeneri afrotropicali di *Chrysolina* con descrizione di una nuova specie (*Coleoptera Chrysomelidae*). Revue Zool. afr., **94**, 2: 299-310.

- , 1980c. Osservazioni critiche sulle specie di *Chrysolina* MOTSCH. del sottogenere *Naluhia* BECHYNÉ (*Coleoptera Chrysomelidae Chrysomelinae*). *Revue Zool. afr.*, **94**, 2: 410-432.
- , 1982a. Crisomeline orientali nuove o poco note del Museo di Storia Naturale di Basilea (Svizzera) (*Col. Chrysomelidae*). *Entomologica Basiliensia*, **7**: 394-405.
- , 1982b. Descrizione di una nuova specie di *Crosita* (Subgen. *Bittotaenia*) dell'Oman con osservazioni e nuove sinonimie sui generi *Chrysolina* e *Crosita* (*Col. Chrysomelidae*). *Entomologica Basiliensia*, **7**: 406-412.
- , 1982c. Le *Chrysolina* del sottogenere *Ghesquiereita* BECHYNE (*Coleoptera, Chrysomelidae*). *Revue zool. afr.*, **96**, 4: 863-897.
- , 1994. Notes for phylogenetic study of *Chrysomelinae*, with descriptions of new taxa and a list of all the known genera (*Coleoptera: Chrysomelidae, Chrysomelinae*). Proc. of the 3rd Intern. symposium on the *Chrysomelidae*, Beijing, 1992, Leiden: 60-84.
- DACCORDI, M., S. RUFFO, 1979. Le *Chrysolina* italiane del sottogenere *Threnosoma* MOTSCH. (*Coleoptera, Chrysomelidae*). *Boll. Mus. civ. Stor. Nat. Verona*, **6**: 305-332.
- , 1980. Una nuova *Chrysolina* della Grecia appartenente al sottogenere *Bechynia* (*Coleoptera, Chrysomelidae*). *Fragmenta ent.*, **15**, 2, 357-363.
- DAHLGREN, G., 1984. *Chrysomela* und *Crosita* Studien. *Ent. Bl.*, **80**, 1: 35-52.
- DAVID, Ph., 1953. Un nouveau sous-genre de *Chrysochloa* (*Col. Chrysomelidae*). *Rev. franc. d'Ent.*, **20**, 3: 184-186.
- DEGEER, C., 1775. *Memoires pour service a l'histoire des insectes*. 5. Stockholm: 448 pp.
- , 1778. *Memoires pour service a l'histoire des insectes*. 7. Stockholm: 950 pp.
- DEMAISON, 1896. Diagnoses de quelques especes de Chrysomelides et note sur les Synonymies de deux Clytrides (*Col.*). *Bull. Soc. ent. Fr.*: 12-13.
- DEPOLI, 1936. Materiali per la fauna coleotterologica del Gran Sasso d'Italia. *Boll. Soc. ent. Ital.*, **68**: 133-141.
- DERENNE, E., 1949. Variété nouvelle de *Chrysomela marginata* L. *Bull. Ann. Soc. ent. Belg.*, **85**, 7-8: 170-171.
- DESBROCHERS DES LOGES, J., 1899. Quelques matériaux pour la faune des Coléoptères de Barbarie. *Le Frelon*, **7**: 1-51.
- DEVILLE, J. S.-C., P. PEYERIMHOFF, 1926. Nouveaux Coléoptères du Nord-Africain. 55 note. Faune du Grand-Atlas marocain (suite). *Bull. Soc. ent. France*: 93-96.
- DIETRICH, J.K., 1857. Einiges aus dem Gebiete der Schweizerischen Käferfauna. *Stett. Ent. Ztg.*, **18**: 117-138.
- DONOVAN, E., 1798. *The natural history of British Insects*, 7.
- DUFOUR, L., 1843. Excursion entomologique dans les montagnes de la vallee d'Ossan. (Catalogue de 767 especes de Coléoptères). Pau, 118 pp.
- , 1851. Des zones entomologiques dans nos Pyrenees occidentales. *Acta Soc. Linn. Bordeaux*, **17**: 303-364.
- DUFTSCHMID, K., 1825. *Fauna austriacae, oder Beschreibung der osterreichischen Insecten fur angehende Freunde der Entomologie*. **3**: 289 pp.
- DUVIVIER, A., 1891. Les phytophages du Chota-Nagrope (1 note). *Ann. Soc. Ent. Belg.*, **4**, 35: 24-51.
- ERBER, D., 1984. Wiederfund von *Chrysomela fragariae* WOLL. 1854. *Bocagiana*, **73**: 1-9.
- ESCALERA, M. M., 1914. Los Coleopteros de Marruecos. *Trab. Mus. Nacional Ciencias Nat., Serie Zoologica, Madrid*, **11**: 553 pp.
- FABRICIUS, J.C., 1775. *Systema Entomologiae, sistens Insectorum classes, ordines, genera, species, adiectis synonymis, locis, descriptionibus, observationibus*. 32+832 pp.
- , 1781. *Species Insectorum*. 1. *Hamburgi et Kilonii*, Bohn, 552 pp.
- , 1787. *Mantissa Insectorum*. 1. *Hafniae*, 348 pp.
- , 1792. *Entomologiae systematicae*. 1, 2. *Hafniae*: 1-118, 306-349.
- , 1794. *Entomologia Systematica emendataet aucta. Secundum classes, ordines, genera, species adjectis synonymis, locis, observationibus, descriptionibus*. 4. *Hafniae*, 8+472+6 pp.
- , 1796. *Index alphabeticus in J.J. Fabricii Entomologiam Systematicam ...*, *Hafniae*, 175 pp.

- , 1798. Supplementum Entomologiae systematicae. Hafniae, 572 pp.
- , 1801. Systema Eleutheratorum secundum ordines, genera, species adjectis synonymis, locis, observationibus, descriptionibus. 1. Kiliae: XXIV + 506 pp.
- FAIRMAIRE, L., 1854. Traduction de la Monographie des Chrysomèles SUFFRIAN. Ann. Soc. Ent. Fr. 3, 2: 313-323.
- , 1859. Notice necrologique sur Ph. LAREYNE suivie d'observation sur les Coléoptères de l'île de Corse. Ann. Soc. ent. Fr., 3, 7: 261-283.
- , 1859. Description de quelques especes nouvelles de Coléoptères recoltees par M. GOUGELET pendant son voyage en Galice dans le courant de l'annee 1859. Ann. Soc. ent. Fr., 3, 7 (Bull.): 150-152.
- , 1861. Miscellanea Entomologica. Ann. Soc. Ent. France, 4, 1: 578-596.
- , 1864. Coléoptères d'Algerie, rapportes par M. OGIER DE BAULNY. Ann. Soc. Ent. Fr., 4, 3: 637-648.
- , 1865. Monographie des Chrysomèles de SUFFRIAN. Ann. Soc. ent. France, 4, 5: 37-82.
- , 1867. Essai sur les Coléoptères de Barbarie. Cinquieme partie. Ann. Soc. Ent. Fr. 4, 7: 387-416.
- , 1875. Coléoptères de la Tunisie. Recoltes par M. Abdul KERIM. Ann. Mus. civ. Stor. nat. Genova, 7: 475-540.
- , 1877. Diagnoses de plusieurs Coléoptères nouveaux du genre *Cryptodus*. Ann. Soc. Ent. fr., 5, 7: 179-180.
- , 1879. Coléoptères du Nord de l'Afrique. Rev. Mag. Zool., ser. 3, 7: 178-218.
- , 1887. Notes sur les Coléoptères des environs de Pekin. Revue d'ent., Caen, 6: 312-335.
- , 1888. Descriptions de Coléoptères de l'interieur de la Chine. Quatrieme partie. Ann. Soc. Ent. Belg., 32: 7-46.
- , 1888. Descriptions de coleopteres de l'Indo-Chine. Ann. Soc. Ent. Fr., 6, 8: 333-378.
- , 1894. Coléoptères de l'Afrique intertropicale et australe (2. note). Ann. Soc. Ent. Belg., 38: 314-335.
- FALDERMANN, F., 1833. Species novae Coleopterorum Mongolia and Sibiriae. Bull. Soc. Nat. Mosc., 6: 69-72.
- , 1835. Coleopterorum ab illustrissimo bungio in China boreali, Mongolia et montibus Altaicis collectorum, ..., St. Petersburg: Mem. Acad. imp. St.-Pet., 2: 337-464.
- , 1837. Fauna Entomologica Trans-caucasica. 2. Nouv. Mem. Soc. Nat. Moscou, 5: 1-538.
- FISCHER DE WALDHEIM, G. I., 1842. Catalogus Coleopterorum in Sibiria Orientali a Cel. Gregorio Silide Karelin collectorum. 28 pp.
- FLEISCHER, A., 1892. Eine neue *Chrysomela*-Varietaet. Wien. ent. Zeit., 11, 5: 141.
- FORSTER, 1771. Novae species Insectorum. London, 100 pp.
- FOURCROY, A.F., 1785. Entomologia parisiensis, ... Parisiis. 1. 1-231.
- FOWLER, W.W., 1890. The *Coleoptera* of the British Islands. 4. *Lamellicornia-Serricornia-Longicornia-Phytophaga*. London, 412 pp.
- FRANZ, H., 1938. Revision der Verwandtschaftsgruppe der *Chrysomela gypsophilae* KÜST. (*Coleopt. Chrysomel.*). Ent. Bl., 34, 4: 190-210, 5: 249-273.
- , 1949. Zur Kenntniss der Rassenbildung bei Kafern der ostalpinen Fauna. Zbl. Ges.-Geb. Ent., Lienz, 3: 3-23.
- , 1952. II. Beitrag zur Kenntniss der Gattung *Chrysomela* (*Coleopt., Chrysomel.*). Bemerkungen zum Subgenus Colaphoptera Motsch. Ent. Nachrichtenbl., 4: 2-6.
- , 1958. Eine neue Rasse der *Chrysomela latecincta* DEMAIS. EOS, 34: 126-128.
- , 1965. 1. Beitrag zur Bodenfauna der Kanarischen Inseln. Zur Kenntniss der Coleopt. fauna von Tenerife und la Gomera. EOS, 41: 59-66.
- FRIVALDSZKY, J., 1876. Adatok Temes es Krasso megyek faunaja hoz. Magyar Tudom. Akad. Math. Termesz., Budapest, 13: 22-378.
- , 1883. *Coleoptera* nova ex Hungaria. Termész. Fuzetek, 7: 13-18.
- FUSS, C., 1856. Die siebenbuergischen Chrysomelen und Oreinen. Verh. Mitth. siebenb. Ver. Natw. Hermannstadt, 7: 25-32.

- GABRIEL, 1902. *Chrysomela oricalcea* var. *bicolor* GABRIEL. In: J. GERHARDT, Neuheiten der schlesischen Käferfauna aus dem Jahre 1901. Deutsche Ent. Zeitschr., **1902**: 59-60.
- GEBLER, F., 1817. Insecta sibiriae rariores. Mem. Soc. Imper. Naturalist. Moscou, **5**: 315-333.
- , 1823. *Chrysomelae sibiriae rariores*. Mem. Soc. Imper. Naturalist. Moscou, **6**: 117-126.
- , 1830. Bemerkungen über die Insecten Sibiriens, vorzüglich des Altai. Ledebour Reise, **2**, 3: 228 pp.
- , 1832. Notice sur les Coléoptères qui se trouvent dans le district de mines de Nertchinsk, dans la Sibirie orientale avec la description de quelques especes nouvelles. Nouv. Mem. Soc. imp. Nat. Moscou, **2**: 23-78.
- , 1833. Notae et addidamenta ad catalogum Coleopterorum Sibiriae occidentalis et confinis Tatariae. Bull. Soc. Imper. Naturalist. Moscou, **6**: 262-309.
- , 1841. Notae et addidamenta ad catalogum Coleopterorum Sibiriae occidentalis et confinis Tatariae. Operis C. F. von LEDEBOUR's Reise in das Altaigebirge und die soongarische Kirgisensteppes. II. Bull. Soc. Impér. Naturalist. Moscou, **4**: 557-625.
- , 1843. Charakteristik der von H. SCHRENK in den J. 1841-1843 in den Steppen der Dsuengorei gefunden neuen Coleopterenarten. Bull. Acad. St. Pet., Classe Phys.-mat., St. Petersb., pars 1: 36-40.
- , 1845. Charakteristik der von H. SCHRENK in den J. 1841-1843 in den Steppen der Dsuengorei gefunden neuen Coleopterenarten. Bull. Acad. St. Pet., Classe Phys.-mat., St. Petersb., pars 3: 97-106.
- , 1848. Verzeichniss der im Kolywano-Woskresenskischen Huttenbezirke sud-west Sibiriens beobachteten Käfer mit Bemerkungen und Beschreibungen. Bull. Soc. Imper. Naturalist., **21**, 3: 3-85.
- GEMMINGER, M., E. HAROLD, 1874. Catalogus Coleopterorum hucusque descriptorum synonymicus et systematicus. 11. *Chrysomelidae*, 1, Monachii: 3231-3480.
- GÉNÉ, J., 1839. De quibusdam Insectis Sardiniae novis aut minus cognitiss. Fasc. 2. Mem. Accad. Torin., **2**, 1: 43-82.
- GERHARDT, 1909. Neuheiten der schlesischen Käferfauna aus dem Jahre 1908, geordnet nach dem Katalog europäischer Käfer von 1906. Deutsche ent. Zeitschr., **1909**: 415-422.
- GERMAR, E. F., 1813. Magazin der Entomologie. 1a. Halle, 150 pp.
- , 1817. Reise nach Dalmatien und in das Gebiet von Ragusa. 2. Leipzig: XII + 323 pp.
- , 1822. Fauna Insectorum Europae, 5. Halae: 25 tt.
- , 1824. Insectorum species novae aut minus cognitae, descriptionibus illustratae, 1, *Coleoptera*, Halae: XXIV + 624 pp.
- GERSTAECKER, C.E.A., 1855. Diagnosen der von PETERS in Mossambique gesammelten Käfer und *Hymenoptera*. Ber. Verh. Akad. Berlin, **1855**: 636-639.
- GISTL, J., 1857. Achthundert und zwanzig neue oder unbeschriebene wirbellose Thiere. Vacuna, **2**: 513-606.
- GMELIN, 1790. Caroli a Linne Systema Naturae per regna tria naturae, secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis. Ed. 13, 1, 4: 1517-2224.
- GOEZE, J. A., 1777. Entomologische Beiträege zu des Ritter Linne 12. Ausgabe des Natursystems, 1. Leipzig, 736 pp.
- GRAVENHORST, 1807. Vergleichende Uebersicht des Linneischen und einiger neuern zoologischen Systeme nebst dem eingeschalteten Verzeichnisse der zoologischen Sammlung des Verfassers und den Beschreibungen neuer Thierarten, die in derselben vorhanden sind. Goettingen, XX + 476 pp.
- GRESSITT, J. L., S. KIMOTO, 1963. The *Chrysomelidae* (Coleopt.) of China and Korea, 2. Pacific Insects Monogr., **1B**: 301-1026.
- GRUEV, B., 1976. Eine neue *Chrysomela*-Art aus der Türkei und Bemerkungen über *Chrysomela fallaciosus* MÜLLER, 1948 (*Coleoptera*, *Chrysomelidae*). Acta Zool. Bulg., **5**: 75-78.
- , 1982. Neue Angaben über einige Blattkäfer aus der Alten Welt. Faun. Abh. Mus. Tierkd. Dresden, **9**, 8: 109-114.

- GRUEV, B., V. TOMOV, 1979. Zur Kenntnis einiger in der Türkei, Jugoslawien und Griechenland vorkommender Arten der Familie *Chrysomelidae* (Coleoptera) aus der Zoologischen Staatssammlung München. *Spixiana*, **2**, 3: 259-267.
- GYLLENHAL, L., 1813. *Insecta Suecica descripta. Classis 1. Coleoptera sive eleuterata*. Lipsiae, 1, 3, 730 pp.
- , 1827. *Insecta Suecica descripta. Classis 1. Coleoptera sive sleuterata*. Lipsiae, 1, 4, 760 pp.
- HAROLD, E., 1874. *Catalogus Coleopterorum*, Munich, **11**: 3415-3417.
- , 1875a. Correspondenz. *Ent. Zeitung*, Stettin, **36**, 4-6: 176.
- , 1875b. Diagnosen neuer Arten. *Col. Hefte*, **14**: 137-140.
- HASEGAWA, T., 1980. A taxonomic revision of the *Chrysolina angusticollis*-complex in Japan (Coleoptera, Chrysomelidae). *Insecta Matsumurana* (N.S.), **21**: 1-17.
- HELLIESEN, T., 1912. La grupo *Chrysomela sanguinolenta*. *Stavanger Mus., Aarshefte for 1911*, **22**, 1: 1-16.
- HERBST, J. F. W., 1783. Kritisches Verzeichniss meiner Insektensammlung. *Arch. Insect. Gesch.*, Zuerich, **4**: 1-72.
- HERRICH-SCHAEFFER, G. A. W., 1839. Deutschlands Insecten. *Coleoptera*, Heft 157.
- HEYDEN, L., 1870. Entomologische Reise nach dem suedlichen Spanien, der Sierra Guadarrama und Sierra Morena, Portugal und den Cantabriscen Gebirgen. *Berl. Ent. Zeitschr.*, **14**: 1-176.
- , 1885. Weitere Beiträge zur Coleopteren-Fauna des Amur-Gebietes. *Deutsch. Ent. Zeitschr.* **29**: 299-307.
- , 1886. Zur Turkestan-Fauna. *Deutsche Ent. Zeitschr.*, **30**, 2: 277.
- HOLDHAUS, K., 1914. Eine neue *Chrysomela* aus den Ostalpen. *Verh. zool.-bot. ges. Wien*, **64**, 5-6: 126-127.
- HOPE, F. W., 1831. Synopsis of the new species of Nepaul Insects in the collection of Major General HARDWICKE. In: J. E. GRAY, *The zoological miscellany*, London: 21-32.
- , 1840. The coleopterist's manual, part the third, containing various families, genera, and species, of beetles, recorded by LINNAEUS and FABRICIUS. Also, descriptions of newly discovered and unpublished insects. London: 191 pp.
- HUBENTHAL, W., 1911. Beschreibungen neuer europaeischer Coleopteren und Bemerkungen zu bekannten Arten. *Ent. Blatt.*, **7**: 185-193.
- IABLOKOFF-KHNZORIAN, S.M., 1968. Notes sur les *Chrysomelidae* de l'Armenie Sovietique (Col.). *Ann. Soc. ent. France* (N.S.), **4**, 2: 259-277.
- , 1978. Three new species of *Coleoptera* - leaf-beetles from Central Asia (Coleoptera, Chrysomelidae). *Reports of Armenian Acad. Sci.*, **66**, 2: 119-122. [in Russian].
- ILLIGER, J. C. W., 1802. Zusaetze, Berichtigungen und Bemerkungen zu Fabricii Systema Eleutheratorum. I. *Mag. Insectenkunde*, Braunschweig, **1**, 3/4: 306-425.
- International Code of Zoological Nomenclature, 1999, 4 ed., The International Trust for Zoological Nomenclature Publ. Russian translation, 2000: St.-Petersburg: 221 pp.
- JACOBSON, G., 1893. Über einige *Chrysomelidae* aus Sibirien. *Horae Soc. ent. Ross.*, **27**: 122-126.
- , 1894. On the fauna of Chrysomelid beetles of Astrakhan Region. *Horae Soc. ent. Ross.*, **28**: 150-160. [in Russian].
- , 1895. *Chrysomelidae palaearticae novae vel parum cognitae*, 2. *Horae Soc. Ent. Ross.*, **29**: 529-558.
- , 1897. Materialia ad cognitionem faunae Chrysomelidarum provinciae Orenburgensis. *Horae Soc. ent. Ross.*, **30**: 429-437.
- , 1898. *Chrysomelidae palaeartici novi vel parum cogniti*, II. *Ann. Mus. Zool. Acad. Imper. sci.*, **3**: 191-202.
- , 1901. Symbola ad cognitionem Chrysomelidarum Rossiae asiaticae. *Öfv. Finska Vet. Soc. Förh.*, **43**: 99-147.
- , 1902. *Chrysomelidae Sibiriae occidentalis*. *Horae Soc. ent. Ross.*, **35**: 73-124.
- , 1910a. De Chrysomelidis palaearticticis. Descriptionum et annotationum series I. *Rev. Russe d'Ent.*, **10**, 1-2: 53-60.

- , 1910b. Ueber die *Chrysomelidae*, Elateridae und Curculionidae der Sammlung der Russischen Nordpolar-Expedition. In: Beiträge zur Coleopteren-Fauna des äussersten nordens von Sibirien, Mem. l'Acad. Impér. Sci. St.-Petersbourg, 8 serie, **18**: 53-66.
- , 1922. *Chrysomelidae* palaeartici novi vel parum cogniti (*Coleoptera*). IV. Ann. Mus. Zool. Acad. Sci. Russ., **23**: 517-534.
- , 1924. De sex speciebus novis generis *Chrysomelae* L. (*Col.*, *Chrysom.*). Wiener Ent. Zeitung, **41**, 4-10: 78-84.
- , 1925. Key to determination of leaf-beetles (*Chrysomelidae*) from South Yenisei. Jahrb. Martijanov Staatsmus. Minussinsk, **3**, 1: 1-52. [in Russian].
- JACOBY, M., 1884. Descriptions of new genera and species of Phytophagous *Coleoptera* from Sumatra. Notes Leyden Mus., **6**: 9-70.
- , 1885. Descriptions of the Phytophagous *Coleoptera* of Japan, obtained by Mr. George LEWIS during his second journey, from February 1880 to September 1881, part 1. Proc. sci. meetings Zool. Soc. London, **1885**: 190-211.
- , 1890. Descriptions of two new species of Phytophagous *Coleoptera* from the East. Entomologist, **23**: 253-254.
- , 1893. Descriptions of some new species of Phytophagous *Coleoptera* from the East. Entomologist, **26**, Suppl.: 105-108.
- , 1895. *Chrysomelidae* von Togo (Bismarckburg). Deutsch. Ent. Zeitschr., **1**: 165-188.
- , 1896. Descriptions of the new genera and species of Phytophagous *Coleoptera* obtained by Dr. MODIGLIANI in Sumatra. Ann. Mus. civ. Stor. Nat. genova, Ser. 2, **16**: 377-501.
- , 1898. Additions to the knowledge of the Phytophagous *Coleoptera* of Africa. 1. Proc. Zool. Soc. Lond., **1898**: 212-242.
- , 1899. Some new genera and species of Phytophagous *Coleoptera* from India and Ceylon. Entomol., **32**: 67-70, 80-83.
- , 1900. New species of indian *Phytophaga* principally from Mandar in Bengal. Mem. Soc. ent. Belgique, **7**: 95-140.
- , 1901. A further contribution to our knowledge of African Phytophagous *Coleoptera*. Trans. Ent. Soc. Lond. **1901-1902**: 209-256.
- , 1903. Descriptions of the new genera and species of phytophagous *Coleoptera* obtained by Mr. H.-L. ANDREWES and Mr. T.-R.-D. BELL at the Nilgiri Hills and Kanara. Ann. Soc. Ent. Belg., **47**: 80-128.
- JACQUET, J., 1935. "*Chrysomela*" *varians* SCHALL., v. *Malleti* nov. Bull. Mens. Soc. Linn. Lyon, **4**, 6: 95-96
- JAKOB, H., 1954a. Bemerkungen zu *Chrysomela cerealis* ssp. *alternans* PANZ. (=ssp. *plorans* BECHYNÉ) (*Chrys. Col.*). 10. Beitrag zur Kenntnis pal. Chrysomeliden. Koleopt. Rdsch., **32**, 4/6: 104.
- , 1954b. Die Ergebnisse der Österreichischen Iran-Expedition 1949/50. Sitzungsberichte Math.-natur. Klasse Österreich. Akad. Wiss. (Abt. I), **163**, 1-2: 45-50.
- , 1960. Ergebnisse der Revision der *Chrysomelidae* des Naturhistorischen Museums, Wien. (4. Teil). 14. Beitrag zur Kenntnis pal. Chrysomeliden. Zeitschr. Arbeitsgemeinschaft österr. Ent., **12**, 1: 26-27.
- , 1962. The 3rd Danish expedition to Central Asia. Zoological results 28. *Chrysomelidae* (*Insecta*) aus Afghanistan. Vidensk. Medd. Dansk naturh. Foren., **124**: 193-198.
- JOLIVET, P., 1949. Contribution à l'étude des *Iscadida* CHEVROLAT (*Coleoptera Chrysomelidae*). Bull. Inst. R. Sci. nat. Belg., **25**, 40: 1-19.
- , 1951a. A propos de l'écologie de *Chrysolina menthastri* Suffr. (*Col. Chrysomelidae*). Vie et Milieu, **2**, 4: 470-472.
- , 1951b. Rectifications de nomenclature. Bull. Ann. Soc. ent. Belg., **87**, 9-10: 194.
- , 1951c. Variations géographiques chez deux especes du genre *Chrysolina* MOTSCHULSKY (*Coleoptera Chrysomelidae*). Bull. Inst. R. Sci. nat. Belg., **27**, 51, 7 pp.
- , 1952. *Chrysomelidae* (*Coleoptera Chrysomeloidea*). Exploration du Parc national de l'Upemba, Mission DE WITTE (1946-1949): 23-47.

- , 1966. Notes systematiques et ecologiques sur les Chrysomelides Marocains (*Coleoptera*) (1re note: *Chrysomelinae*). Bull. Soc. Sci. nat. phys. Maroc, 1-2: 127-144.
- , 1992. Contribution à la taxonomie, la distribution et la biologie des *Chrysolina* nord-américains (*Col. Chrysomelidae*). L'Entomologiste, **48**, 1: 29-51.
- KASAP, H., 1988. A list of some *Chrysomelinae* (*Col., Chrysomelidae*) from Turkey, part 1. *Leptinotarsa*, *Crosita* and *Chrysomela* (= *Chrysolina*). Turk. Ent. Derg., **12**, 1: 23-31.
- KASZAB, Z., 1962. Beiträge zur Kenntnis der Chrysomeliden-Fauna des Karpatenbeckens nebst Beschreibung neuer Formen (*Coleoptera*). Folia ent. Hungarica (N.S.), **15**, 3: 25-93.
- KIMOTO, S., J. L. GRESSITT, 1981. *Chrysomelidae* (*Coleoptera*) of Thailand, Cambodia, Laos and Vietnam. II. *Clytrinae*, *Cryptocephalinae*, *Chlamisinae*, *Lamprosomatinae* and *Chrysomelinae*. Pacific Insects, **23**, 3/4: 286-391.
- KIMOTO, S., E. KAWASE, 1966. A list of some Chrysomelid specimens collected in E. Manchuria and N. Korea. Esakia, **5**: 39-48.
- KIPPENBERG, H., M. DÖBERL, 1994. Familie: *Chrysomelidae*. In: Die Käfer Mitteleuropas. 3. Supplementband, Krefeld: 17-144.
- , 1998. Familie: *Chrysomelidae*. In: 2. Nachtrag zu Die Käfer Mitteleuropas. 9, 15. Supplementband: 313-324.
- KOCHER, L., 1953. Localisations nouvelles ou intéressantes de Coléoptères Marocains. Trav. Inst. sci. chérifien, **3** (7), 142 pp.
- , 1958. Contribution à l'étude des Chrysomelides du Maroc. Mem. Soc. Sci. Nat. Phys. Maroc, N. S., zoologie, **5**, 82 pp.
- KOLBE, H. J., 1886. Beiträge zur Kenntniss der Coleopteren-Fauna Koreas. Arch. f. Naturgesch., **52**, 1: 139-240.
- KONTKANEN, P., 1957. Zur Kenntnis der Gattung *Crosita* MOTSCH. (*Col., Chrysomelidae*). Ann. ent. fenn., **23**, 2: 87-90.
- , 1959. Über einige *Chrysolina*-Arten der Sectio *Pleurosticha* MOTSCH. sensu JACOBSON 1910 (*Col., Chrysomelidae*). Ann. Ent. Fenn., **25**: 27-35.
- KRYNICKI, I., 1832. Enumeratio Coleopterorum Rossiae meridionalis et praecipue in Universitatis Caesariae Charkoviensis circulo obvenientium, quae annorum 1827-1831 spatio observavit. Bull. Soc. Imper. Naturalist. Moscou, **5**: 65-179.
- KÜSTER, H. C., 1844. Die Käfer Europas. Nach der Natur beschrieben. Mit Beiträgen mehrerer Entomologen. 1. Nürnberg, 205 pp.
- , 1845. Die Käfer Europa's, 2. Nach der Natur beschrieben. Mit Beiträgen mehrerer Entomologen. Nuürnberg, 100 pp.
- , 1846. Die Käfer Europa's, 7. Nach der Natur beschrieben. Nürnberg, 100 pp.
- , 1847. Die Käfer Europa's, 9. Nürnberg: 93 pp.
- LABOISSIERE, V., 1939. *Timarcha* et *Chrysomela* nouveaux pour la faune française. Bull. Soc. ent. France, **44**, 9-10: 127-129.
- LAICHARTING, J. N., 1781. Verzeichniss und Beschreibung der Tyroler Insecten (*Col.*), 1. Zuerich, 248 pp.
- LECONTE, J., 1878. On rocky Mountain *Coleoptera*. Bull. US Geol. Surv., **4**: 447-480.
- LEWIS, G., 1879. A catalogue of *Coleoptera* from the Japanese Archipelago. Taylor and Francis, London: 31 pp.
- LINDBERG, H., 1950. Beitrag zur Kenntnis der Käferfauna der Kanarischen Inseln. Comment. biol., Helsingf., **10**, 18: 1-20.
- , 1953. Zweiter Beitrag zur Kenntnis der Käferfauna der Kanarischen Inseln. Comment. biol., Helsingf., **13**, 12: 1-18.
- , 1963. XVII. *Chrysomelidae* (mit Aushahme von *Halticinae*), *Bruchidae*. Comm. Biol., **25**, 2: 126-127.
- LINNAEUS, C., 1758. Systema Naturae... Ed. 10. Holmiae, 824 pp.
- , 1761. Fauna Suecica. Ed. 2. Stockholmiae, 578 pp.
- , 1767. Systema Naturae... Ed. 12. Vindobonae, 2: 533-1327 pp.
- LOPATIN, I. K., 1961. Materials to fauna of leaf-beetles (*Coleoptera, Chrysomelidae*) of Central Asia, III. Trans. Inst. zool. parazitol., Acad. Sci. Tadzhik SSR, **20**: 97-105. [in Russian]

- , 1962. Neue Palaearktische Chrysomeliden aus der Sammlung des Ungarischen Naturwissenschaftlichen Museums in Budapest (*Coleoptera*). Ann. hist.-nat. Mus. natn. hung., pars zoologica, **54**: 319-326.
- , 1965. Materials to fauna of leaf-beetles (*Coleoptera, Chrysomelidae*) of Kirghizia. Entomological articles, Kirghiz Acad. Sci., Frunze: 8-13. [in Russian].
- , 1966. 71. *Chrysomelidae* II. Ergebnisse der Zoologischen Forschungen von Dr. Z. KASZAB in der Mongolei (*Coleoptera*). Reichenbachia, **7**, 25: 229-239.
- , 1967. Neue Chrysomeliden-Arten aus Pakistan (*Col. Chrysomelidae*). Ent. Arb. Mus. G. Frey, **18**: 323-326.
- , 1968a. New species of leaf-beetles (*Coleoptera, Chrysomelidae*) from the fauna of Middle Asia and Kazakhstan. Rev. Ent. URSS, **47**, 3: 541-552. [in Russian]
- , 1968b. 144. *Chrysomelidae* IV. Ergebnisse der Zoologischen Forschungen von Dr. Z. KASZAB in der Mongolei (*Coleoptera*). Reichenbachia, **11**, 19: 207-220.
- , 1970. 187. *Chrysomelidae* der V. Expedition Ergebnisse der zoologischen von Dr. Z. KASZAB in der Mongolei (*Coleoptera*). Reichenbachia, **12**, 25: 249-258.
- , 1970. Review of species of the genus *Chrysomela*, subgenus *Pezocrosita* Jcbs. (*Coleoptera, Chrysomelidae*) from Middle Asia and Kazakhstan. Rev. Ent. URSS, **49**, 1: 183-196. [in Russian].
- , 1971. 232. *Chrysomelidae* VI. Ergebnisse der zoologischen Forschungen von Dr. Z. KASZAB in der Mongolei (*Coleoptera*). Faun. Abh. Mus. Tierkd. Dresden, **3**: 219-233.
- , 1975. The Chrysomelid-beetles (*Coleoptera, Chrysomelidae*) of the Mongolian People's Republic. Insects of Mongolia, **6**, 3: 191-233. [in Russian].
- , 1976. New and little known leaf-beetles (*Coleoptera, Chrysomelidae*) from the USSR. Rev. Ent. URSS, **55**, 1: 105-116. [in Russian].
- , 1977. Chrysomelid-beetles (*Chrysomelidae*) of Central Asia and Kazakhstan. Leningrad: Nauka Publ., 270 pp. [in Russian].
- , 1981. Ergebnisse der Tschechoslowakisch-Iranischen entomologischen Expeditionen nach dem Iran (1970) *Coleoptera: Chrysomelidae*. Acta ent. Mus. natn. Pragae, **40**: 371-376.
- , 1985. Leaf-beetles (*Coleoptera, Chrysomelidae*) of Iran. Results of Czecho-Slovak-Iranian expeditions 1973-1977, IV. Rev. Ent. URSS, **64**, 4: 760-772. [in Russian].
- , 1988. New Palaearctic species of leaf-beetles of the genus *Chrysolina* Motsch. (*Coleoptera, Chrysomelidae*). Rev. Ent. URSS, **67**, 3: 585-592. [in Russian].
- , 1990. New and little-known leaf-beetle species (*Coleoptera, Chrysomelidae*) of the USSR fauna. In: Novosti faunistiki i sistematiki, Naukova Dumka, Kiev: 48-54. [in Russian].
- , 1990. New and little-known leaf-beetle species (*Coleoptera, Chrysomelidae*) from the fauna of Kazakhstan. Trans. Inst. Zool. Acad. Sci. Kazakh SSR, **45**: 46-58. [in Russian].
- , 1992. Review of the Chrysomelid beetles of the genus *Chrysolina* similar to *Ch. brevilata* from the Tien-Shan (*Coleoptera, Chrysomelidae*). Zool. J., **71**, 5: 66-71. [in Russian].
- , 1992. Zwei neue *Chrysolina*-arten aus Sud-Ostlichen Kazakhstan (*Coleoptera: Chrysomelidae*). Elytron, **6**: 5-9.
- , 1996. New and little known leaf-beetles (*Coleoptera, Chrysomelidae*) of the Palaearctic. Description of new species and subspecies and synonymical notes. Rev. Ent. URSS, **75**, 3: 637-642. [in Russian].
- , 1998. Contribution to the systematics of leaf beetles of the subfamily *Chrysomelinae* (*Coleoptera, Chrysomelidae*). Rev. Ent. URSS, **77**, 4: 826-835. [in Russian].
- , 1999. Contribution to the knowledge of leaf beetles of the subfamilies *Cryptocephalinae* and *Chrysomelinae* (*Coleoptera, Chrysomelidae*) from Kazakhstan and Middle Asia). Rev. Ent. URSS, **78**, 4: 887-895. [in Russian].
- , 2000. Neue Arten der Gattung *Chrysolina* Motsch. aus China (*Coleoptera: Chrysomelidae*). Mitt. internat. ent. Ver., **25**, 3/4: 129-136.
- LOPATIN, I. K., A. S. KONSTANTINOV, 1991. Materials to the fauna and systematics of the leaf-cutting beetles of the Caucasus. In: Insects of the Caucasus, 1, New and little known insects from the Caucasus, Makhachkala: 31-50. [in Russian].

- , 1995. Materials to the fauna and systematics of leaf-beetles from the Caucasus (*Coleoptera, Chrysomelidae*). In: Fauna and Systematics, Transact. Zool. Mus. Byelarus Univ., **1**: 180-200. [in Russian].
- LOPATIN, I.K., K. Z. KULENOVA, 1987. New species of leaf-beetles from the genus *Chrysolina* MOTSCH. (*Coleoptera, Chrysomelidae*) from the highlands of South-Eastern Kazakhstan. Proc. Acad. Sci. Kazakh SSR, Biol. series, **4**: 39-40. [in Russian].
- LUCAS, P. H., 1849. Exploration scientifique de l'Algeria. Zoologie, 2. Paris: 533-537.
- MADER, L., 1931. Über paläarktische Coleopteren, I. Ent. Anz., **11**: 19-20.
- MÄKLIN, F.W., 1877. Diagnoser öfver nagra nya siberiska insektarter. Öfv. Finska Vetensk. Soc. Forh., (1876) **19**: 15-32.
- MALLET, P.-M., 1924. Note sur les varietes de la *Chrysomela graminis* L. Misc. ent., Castanet-Tolosan, **27**, 10/11: 76-77.
- , 1933. Le melanisme chez *Chrysomela graminis* L. (*Col. Chrysomelidae*). Bull. de l'Association Nat. Loing, **16**: 74-75.
- , 1936. "*Chrysomela varians*" SCHALL. ab. "*nigricollis*" nov. (*Coleopt.*). Bull. Mens. Soc. Linn. Lyon, **5**, 9: 141-142.
- MANNERHEIM, C. G., 1825. Novae coleopterorum species Imperii Rossici incolae. In: HUMMEL A.D. Essais entomologiques, 4, Insectes de 1824. Novae species. St. Petersburg: 19-41.
- , 1853. Dritter Nachtrag zur Käferfauna der Nord-Amerikanischen Ländern des Russischen Reiches. Bull. Soc. ent. Mosc. **26**, 3: 95-273.
- MARSEUL, S., 1868. Descriptions des espèces nouvelles. L'Abeille, **5**: 171-218.
- , 1883. Monographie des Chrysomélides de l'Ancien-Monde. L'Abeille, Ser. 4, **21**: 1-108.
- , 1886. Monographie des Chrysomélides. III.-*Chrysomelidae*. 6. *Chrysomela*. L'Abeille, Ser. 4, **24**: 1-72.
- , 1887. Monographie des Chrysomélides de l'Ancien-Monde. L'Abeille, Ser. 4, **24**: 73-190.
- MARSHAM, Th., 1802. Entomologie Britannica, sistens Insecta Britanniae indigena secundum Linneum disposita. 1. Londini: 173-205.
- MATSUMURA, S., 1911. Ersten Beitrag zur Insecten-Fauna von Sachalin. J. College agric. Tohoku (imp.) Univ., **4**: 141-143.
- MATZEK, C. A. E., 1843. Schlesische Chrysomelen. Uebers. Arb. Veraend. Schles. Ges. Vaterld. Kult., Breslau, **1842** : 154-157.
- MAULIK, S., 1926. The fauna of British India including Ceylon and Burma, I-XIV+442 pp.
- MEDVEDEV, L. N., 1966. New forms of leaf-beetles (*Coleoptera, Chrysomelidae*) from Kurile Islands. In: Entomofauna of forest on Kurile Islands, Kamchatka, and in Magadan Region. Moscow-Leningrad: Nauka Publ.: 39-44. [in Russian].
- , 1970. To the knowledge of *Chrysolina* MOTSCH. (*Chrysomelidae*) from the Far East and adjacent regions. In: Entomological Studies at the Far East: 159-162. [in Russian].
- , 1974. New species of *Chrysomelidae* (*Coleoptera*) from Mongolia and adjacent area. Insects of Mongolia, **4**, 2: 179-182. [in Russian].
- , 1975. *Chrysomelidae* collected by Dr. W. WITTMER in Turkey and Iran. Mitt. ent. Ges. Basel, **25**, 1: 12-19.
- , 1976. Revision of the genus *Crosita* MOTSCH. (*Coleoptera, Chrysomelidae*). Rev. Ent. URSS, **55**, 4: 903-910. [in Russian].
- , 1977. Two new subspecies of leaf-beetles (*Coleoptera, Chrysomelidae*) from European part of USSR. New and little known insect species from European part of USSR, Leningrad: 34-36. [in Russian].
- , 1978. Materials to the study of fauna of leaf-beetles (*Coleoptera, Chrysomelidae*) of MNR. In: Geography and dynamics of plant and animal of MNR. Moscow: Nauka Publ.: 189-196. [In Russian].
- , 1979a. A new species of the genus *Chrysolina* (*Coleoptera, Chrysomelidae*) from Siberia. Trans. All-Union Ent. Soc., **61**: 83-85. [in Russian].
- , 1979b. Further contribution to the knowledge of *Chrysomelidae* from Mongolia (*Coleoptera*). Folia ent. hung., **32**, 2: 161-167.

- , 1980. New leaf-beetles (*Coleoptera, Chrysomelidae*) from Mongolia. Rev. Ent. URSS, **59**, 2: 311-321. [in Russian].
- , 1982. Leaf-beetles of Mongolia: a key for determination. Moscow: Nauka Publ., 304 pp. [in Russian].
- , 1985. On the fauna of leaf-beetles (*Coleoptera, Chrysomelidae*) of Afghanistan. II. Rev. Ent. URSS, **64**, 2: 370-377. [in Russian].
- , 1987. Fauna of *Chrysomelinae (Coleoptera, Chrysomelidae)* of Vietnam. In: Entomofauna of Vietnam. Moscow: Nauka Publ.: 69-80. [in Russian].
- , 1990. *Chrysomelidae* from the Nepal Himalayas, II (Insecta: *Coleoptera*). Stuttgarter Beitr. Naturkunde, Ser. A, 453, 46 pp.
- , 1992. Leaf-beetles (*Chrysomelidae*). In: Key for determination of insects of the Far East, **3**, 2. St.-Petersburg: Nauka Publ.: 533-602. [in Russian].
- , 1992. New and interesting species of *Chrysomelidae (Coleoptera)* from South Asia. Entomologica Basiliensia, **15**: 379-388.
- , 1999. A new aberrant species *Chrysolina (Coleoptera, Chrysomelidae)* from Siberia. Zool. Zhurn., **78**, 8: 1014-1015. [in Russian].
- MEDVEDEV, L. N., Yu. N. AMMOV, 1978. Fauna of leaf-beetles (*Coleoptera, Chrysomelidae*) and its main zoogeographic features. In: Ekologo-faunisticheskie issledovaniya nasekomykh Yakutii, Yakutsk: 113-128 [in Russian].
- MEDVEDEV L. N., B. A. KOROTYAEV, 1975. To the fauna of leaf-beetles (*Coleoptera, Chrysomelidae*) of Tuva Autonomous Republic and North-Western Mongolia, 1. In: Insects of Mongolia, 3. Leningrad: Nauka Publ.: 177-190. [in Russian].
- , 1980. Essays on the leaf-beetles fauna of Arctic Asia and Kamchatka. In: Essays on the entomofauna of north-east of USSR, Vladivostok: 77-95. [in Russian].
- MEDVEDEV, L. N., N. V. OKHRIMENKO, 1991. To the knowledge of the leaf-beetles of the genus *Chrysolina* Motsch. (*Coleoptera, Chrysomelidae*) from the Caucasus. Rev. Ent. URSS, **70**, 4: 866-874. [in Russian].
- MEDVEDEV, L. N., E. V. SAMODERZHENKOV, 1989. A study of WEISE's type of *Chrysomelidae (Coleoptera)*. Entomologica Basiliensia, **13**: 403-409.
- MEIER, W. 1900. *Timarcha v. Fracassii - Chrysomela sirentensis - Hippodamia v. equiseti*. Ent. Nachr., **26**, 5: 78.
- MÉNÉTRIÉS, E., 1832. Catalogue raisonné des objets de zoologie recueillis dans un voyage au Caucase et jusqu'aux frontieres actuelles de la Perse, St.-Petersbourg: 233-239.
- , 1835. Insectes nouveaux de la Turquie. Mem. Acad. Petersb., **2**: 268.
- , 1836. Sur quelques insectes de la Russie. Bull. sci. publ. Acad. imp. Sci. St.-Petersb. **1**: 180-181.
- MEQUIGNON, A., 1945. Notes diverses sur les Coléoptères de France (3 note). Bull. Soc. Ent. Fr., **50**: 29-31.
- MERKL, E., 1897. Adalek Biharmegye bogar-faunajahoz. Rovart. Lapok, **4**: 186-189, 207-210.
- MIKHAILOV, Yu.E., 2000. New and little known leaf beetles of the genus *Chrysolina* MOTSCHULSKY, 1860 from Altai and Sayany mountains in South Siberia (*Coleoptera: Chrysomelidae*). Genus, **11**, 2: 129-146.
- MOHR, K.-H., 1966a. Bestimmungstabelle der Untergattung *Pezocrosita* JACOBSON 1902 (*Allophypericia* BECHYNÉ 1950) (*Coleoptera, Chrysomelidae*). Reichenbachia, **8**: 89-104.
- , 1966b. *Chrysomelidae*. In: H. FREUDE, K. HARDE & G.A. LOHSE (Eds.), Die Käfer Mitteleuropas, 9: 95-299. Krefeld.
- , 1969. Beitrag zur Chrysomelidenfauna Bulgariens (*Coleoptera: Chrysomelidae*). Beitr. Ent., **19**, 3/6: 389-394.
- MONRÓS, F., J. BECHYNÉ, 1956. Über einige verkannte Chrysomeliden-Namen. Ent. Arb. Mus. G. Frey, **7**: 1118-1137.
- MOTSCHULSKY, V., 1845. Remarques sur la collection de Coléoptères Russes. Bull. Soc. Nat. Moscou, Moscou, **18**, 1: 3-127.
- , 1854. Etudes Entomologiques, 3: 40.

- , 1860a. Coléoptères de la Sibérie orientale et en particulier des rives de l'Amour, in: Dr. L. von SCHRENCK's Reisen und Forschungen im Amur-Lande, 2, *Coleoptera*: 77-258.
- , 1860b. Insectes du Japon. Etudes entomologiques, 9. II. Entomologie speciale: 4-41.
- , 1861. Insectes du Japon. Etudes entomologiques, 10: 3-24.
- MÜLLER, J., 1916. Coleopterologische Beiträge zur Fauna der österreichischen Karstprovinzen und ihrer Grenzgebiete. Ent. Blätter, **12**, 4-6: 73-109.
- , 1924. Una nuova *Chrysomela*. Boll. Soc. ent. ital., **56**, 8: 118.
- , 1948. Contributo alla conoscenza dei Coleotteri Fitofagi (*Cerambycidae* e *Chrysomelidae*). Atti Mus. Civ. Stor. Natur. Trieste, **17**, 2: 90-95.
- , 1949-1953. I Coleotteri della Venezia Giulia. II. *Coleoptera Phytophaga* (*Cerambycidae*, *Chrysomelidae*, *Bruchidae*), Trieste: 685 pp.
- MÜLLER, O. F., 1776. Zoologiae Danicae Prodromus, sen animalium Daniae et Norvegiae indigenorum characteres. Hafniae: 58-83.
- NAKANE, T., 1963. New or little-known *Coleoptera* from Japan and its adjacent regions. 16-22. Fragmenta Coleopterologica, 4-12: 18-48.
- OKHRIMENKO, N. V., 1990. A new species of the genus *Chrysolina* (*Coleoptera*, *Chrysomelidae*) from the West Caucasus. Vestn. zool., **5**: 64-67. [in Russian].
- OLIVIER, A.G., 1790. Encyclopedie methodique. 5. Paris. 368 pp.
- , 1807. Entomologie. 5. Paris: 612 pp.
- PANZER, G. W., 1797. Faunae Insectorum Germanicae initia oder Deutschlands Insecten, 44. Nuernberg: 1-14.
- , 1799. Faunae Insectorum Germanicae initia oder Deutschlands Insecten. Nuernberg, fasc. 61-72.
- , 1805. Faunae Insectorum Germanicae initia oder Deutschlands Insecten. Nuernberg, fasc. 85-96.
- PAPP, C. S., 1946. Zweiter Beitrag zur Kenntnis der Chrysomeliden des Karpathen-Beckens. Additamenta faun. Col., Hamburg, **4**, 2: 20-24.
- PAYKULL, G., 1799. Fauna Suecica. Insecta (*Coleoptera*). 2. Uppsaliae, 234 pp.
- PETAGNA, L., 1819. Memoria su di alcuni insetti del Regno di Napoli. Atti Acc. Sci. Nap., **1**: 19-40.
- PEREZ, A., 1872. Especies nuevas o criticas de la Fauna española. An. Soc. Hist. Nat. Esp., **1**: 89-137 + 3 tab.
- PERINGUEY, L.A., 1892. First contribution to the South-African Coleopterous Fauna. Trans. S. Afr. phil. Soc., **6**, 2: 1-94.
- PETITPIERRE, E., 1981. New data on the cytology of *Chrysolina* (MOTS.) and *Oreina* CHEVR. (*Coleoptera*, *Chrysomelidae*). Genetica, **54**: 265-272.
- PEYERIMHOFF, P., 1915. Notes sur la biologie de quelques Coléoptères Phytophages du Nord Africain, 2 serie. Ann. Soc. ent. Fr., **84**: 19-61.
- , 1928. Nouveaux Coléoptères du Nord-Africain. 61 note: récoltes de M. le Dr. R. MAIRE au Moussa-ou-Salah (Moyen-Atlas marocain). Bull. Soc. ent. France, **1928**: 39-42.
- , 1938. Coléoptères nouveaux ou mal connus de Berberie. IX. - Les *Threnosoma* MOTSCH. des *Chrysomela* L. (*Chrysomelidae*). Bull. Soc. ent. France, **43**, 3-4: 52-56.
- , 1939. Etudes et descriptions de Coléoptères marocains. 1. *Chrysomelidae*. Bull. Soc. sci. nat. Maroc, Rabat, **19**: 22-39.
- PIC, M., 1939. Notes diverses, nouveautes. L'Echange, **55**: 25-26.
- PIOLTI, 1880. Descrizione di una nuova specie del Genere *Chrysomela* LINN. Atti Accad. Sci. Torino, **15**: 378-380.
- PORTA, A., 1934. Fauna coleopterorum italica. 4. *Heteromera - Phytophaga*. Piacenza: 415 pp.
- PORTEVIN, G., 1934. Histoire Naturelle des Coléoptères de France. 17, 3, *Polyphaga: Heteromera, Phytophaga*. Lechevalier (ed.), Paris: 374 pp.
- QUEDENFELDT, F.O.G., 1888. Africanische *Coleoptera*. Berl. Ent. Zeitschr., **32**: 216.
- REDTENBACHER, L., 1844. *Coleoptera*. In: C. HÜGEL, Kaschmir und das Reich der Siek, 4, 2, Stuttgart: 497-564.
- , 1848. *Coleoptera*. In: HÜGEL, C.F., Kashmir und das Reich der Siek. Stuttgart, 4: 497-564.
- , 1849. Fauna Austriaca. Die Kaefer. Wien, 883 pp.

- REICHE, L., 1850. Les Insectes dans le voyage en Abyssinie par FERRET et GALLINIER, 3. Paris: 259-532.
- , 1858. Espèces nouvelles ou peu connues des Coléoptères recueillis en Orient. Ann. Soc. Ent. France, 3, 6: 5-60.
- , 1864. Espèces nouvelles de Coléoptères d'Algérie. Ann. Soc. Ent. Fr., 4, 4: 233-246.
- REINECK, G., 1914. Beitrag zur Kenntnis von *Chrysomela graminis* und *virgata* MOTSCH. (Col.). Ent. Ztg., Stettin, 75, 2: 240-242.
- , 1922. Beitrag zur Kenntnis der paläarktischen Chrysomeliden. Neue Beiträge zur systematischen Insektenkunde, 2, 8: 78-80.
- REITTER, E., 1872. Neue Käferarten von Oran, gesammelt von Hans LEDER. Berl. Ent. Zeitschr. 16: 167-186.
- , 1889. Coleopterologische Ergebnisse der im Jahre 1886 und 1887 in Transcaspien von Dr. G. RADDE, Dr. A. WALTER und A. KOCHIN ausgeführten Expedition. Verh. Naturf. Ver. Brunn, (1888) 27: 95-133.
- , 1898. Neue Coleopteren aus Europa und den angrenzenden Ländern. Deutsche ent. Ztschr., 2: 337-360.
- , 1913. Fauna Germanica. Die Käfer des Deutschen Reiches, 4, Stuttgart: 236 pp.
- , 1913. Neue paläarktische Coleopteren. Ent. Blatt., 9: 289-292.
- RICHTER, C., 1820. Supplementa Faunae Insectorum Europae. Vratislavae: 12, t. 6.
- ROGERS, W.F., 1856. Synopsis of species of *Chrysomela* and other genera inhabiting the United States. Proc. Acad. Nat. Sci. Philadelphia, 8: 29-39.
- ROSENHAUER, W. G., 1847. Beiträge zur Insecten-Fauna Europas. 1, Erlangen: 160 pp.
- ROSSI, P., 1790. Fauna Etrusca. Sistens insecta, quae in provinciis Florentina et Pisana praesertim collegit. 1. Liburni, 348 pp.
- , 1792. Mantissa Insectorum. 1. Pisa, 154 pp.
- ROTTENBERG, A., 1871. Beiträge zur Coleopteren-Fauna von Sicilien. Berl. Ent. Ztschr., 15: 225-247.
- ROUBAL, J., 1912. Koleopterologické výsledky mé cesty na Kavkaz v červenci r. 1910. Ouid novi de Coleopterorum Caucasi ad occidentem vergentis fauna in meo itinere Julio mense anni 1910 suscepto cognoverim. Čas. Česke Spol. Ent., 9, 1: 25-28.
- , 1917. Beschreibung drei neuer *Chrysomela*-Formen. Ent. Rdsch., 34, 1: 3.
- , 1934. Popisy čtyř nových coleopter z Československé republiky. Čas. Českoslov. Spol. Ent., 31: 36-38.
- , 1936. *Chrysomela Tesari* sp. n.. Ent. Nachrichtenbl., 10, 2: 68-69.
- RYBAKOW, G., 1884. Neue Käfer-Art aus Turkestan. Horae Soc. Ent. Ross., 18: 135.
- , 1889. Insecta Przewalskii Asia Centrali. *Chrysomelidae*. Hor. Soc. Ent. Ross., 23: 288-289.
- SAHLBERG, J., 1887. Bidrag till Tschktsch-Halföns Insectfauna. *Coleoptera* och *Hemiptera*, insamlade under Vega-Expeditionen vid halföns norra och östra kust 1878-1879. In: Vega-Expeditionens Vetenskapliga Iakttagelser, Stockholm, 4: 1-42.
- , 1913. *Coleoptera mediterranea orientalis* que in Aegypto, Palaestina, Syria, Caramania at que in Anatolia occidentali anno 1904. Öfv. Finska Vet. Soc. Förh., 55, A, 19: 1-281.
- SAY, Th., 1824. Descriptions of Coleopterous insects collected in the late expedition to the Rocky Mont. Journ. Acad. Philad., 3: 403-462.
- SCHAEFFER, 1934. Short studies in the *Chrysomelidae*. J. New York Ent. Soc., 41 (1933): 457-480.
- SCHALLER, J. G., 1783. Neue Insecten beschrieben. Schrift. Naturf. Ges. Halle, 1: 270-272.
- SCHATZMAYR, A., 1927. Appunti Coleopterologici. Boll. Soc. Adriatica di Sci. Nat., 29: 149-154.
- , 1941. Appunti Coleopterologici. Natura. Riv. Sci. Nat. Milano, 32, 1: 130-132, 161-165.
- SCHNEIDER, O., H. LEDER, 1878. Beiträge zur Kenntniss der kaukasischen Käferfauna. Abh. naturforsch. Vereines Brünn, 16, 17: 1-360.
- SCHRANK, F. P., 1781. Enumeratio insectorum Austriae indigenorum. Augusti Vindelicorum, 548 pp.
- , 1789. Entomologische Beobachtungen. Naturforscher Stueck, 24: 60-90.
- , 1798. Fauna Boica. Durchgedachte Geschichte der in Baiern einheimischen und zahmen Thiere. 1. Nuernberg, XII + 720 pp.

- SCOPOLI, J.A., 1763. Entomologia Carniolica exhibens insecta Carnioliae indigena et distributa in ordines, genera, species, varietates, methodo Linnaeana. Vindobonae, XXXVI+420 pp.
- SCRIBA, 1791. Verzeichniss der Insecten in der Darmstaedter Gegend. Journ. Liebh. Ent., Frankfurt, **1**, 3: 275-296.
- SILFVERBERG, H., 1977. Nomenclatoric notes on *Coleoptera Polyphaga*. Notulae ent., **57**: 91-94.
- , 1980. *Chrysolina* MOTSCHULSKY, 1860 (*Insecta: Coleoptera*): proposed conservation. Z. N. (S) 2291. Bull. Zool. Nom., **37**, 1: 57-61.
- SPRECHER-UEBERSAX, E., 1997. Neue Erkenntnisse über *Chrysolina vishnu* HOPE und *Chrysolina parvati* DACCORDI (*Coleoptera, Chrysomelidae*). Russian Ent. J., **6**, 1-2: 67-69.
- STÅL, C., 1857. Till kannedomen af *Phytophaga*. Öfv. Svenska Vet.- Akad. Förh. **14**: 53-63.
- , 1860. Till kannedomen om *Chrysomelidae*. Öfv. Svenska Vet.- Akad. Förh., **17**: 455-470.
- STEPHENS, 1831. Illustrations of British entomology..., 4. London, 366 pp.
- , 1835. Illustrations of British entomology..., 5. London, 447 pp.
- STRAND, E., 1935. Revision von Gattungsnamen palaearktischer *Coleoptera*. Folia zool. hydrobiol., **7**, 2: 282-299.
- SUFFRIAN, E., 1851. Zur Kenntniss der Europäischen Chrysomelen. Linn. Ent., **5**: 1-280.
- , 1853. Monographie de Chrysomeles d'Europe; traduction de M.L. FAIRMAIRE. Ann. Soc. ent. Fr. **3**, 1: 91-126.
- , 1855. Synonymische Miscellaneen (*Coleoptera*). Ent. Ztg. Stettin, **16**: 142-150.
- , 1858. Monographie de Chrysomeles d'Europe; traduction de M.L. FAIRMAIRE. Ann. Soc. ent. Fr. **3**, 6: 531-567.
- TAKIZAWA, H., 1970. Descriptions of five new species of the genus *Chrysolina* MOTSCHULSKY in Japan (*Coleoptera: Chrysomelidae*). Kontyu, **38**, 2: 117-125.
- , 1971. Notes on *Chrysomelidae* of the Kurile Islands (*Coleoptera*). Kontyu, **39**, 2: 176-177.
- , 1980. Notes on Indian *Chrysomelinae* based on the collection of the Forest Research Institute, Dehra Dun. Insecta Matsumurana (N.S.), **21**: 49-55.
- TER-MINASIAN, M.E., 1950. Materials to fauna of leaf-beetles of Armenian SSR (subfamily *Chrysomelinae*). Zool. Articles of Inst. Phytopatol. Zool. Armenian SSR Acad. Sci., **7**: 127-138. [in Russian].
- THOMSON, C.G., 1866. Scandinaviens *Coleoptera*. 8. Lund: 105-279.
- THUNBERG, C.P., 1787. Donation. Thunbergiana 1785 Continuat. 2. Mus. Nat. Acad. Upsal., **4**: 43-58.
- , 1808. In: SCHOENHERR C.J., Synonymia Insectorum oder Versuch einer Synonymie aller bisher bekannten Insecten. Zweither Theil, Stockholm, IX+423 pp.
- TOWNSON, R., 1797. Travels in Hungary, with a short account of Vienna in the year 1793. London, 506 pp., 16 tt.
- VILLA, A. J. B., 1833. *Coleoptera* Europae dupleta in collectione Villa, Mediolani: 36 pp.
- VOET, J. E., 1806. Catalogus Systematicus Coleopterorum. 2. La Haye, 82 pp., 50 tt.
- VOGEL, E., 1871. Beiträge zur Chrysomelinen-Fauna von Mittel und Süd Africa. In: SCHAUFUSS, Nunquam otiosus, 1: 153 pp.
- VORONOVA N., V., 1985. Revision of the *Chrysolina* species belonging to the *Chrysolina rufilabris* group (*Coleoptera, Chrysomelidae*),- Biological Resources and Natural Conditions in Mongolian People's Republic, **18**: 119-129. [in Russian].
- WAGNER, H., 1927. Eine Sammelreise nach Zentral-Spanien. Coleopt. Centralbl., **2**: 101-112.
- WANG, S.-y., S. CHEN, 1981. *Coleoptera: Chrysomelidae - Chrysomelinae*. Insects of Xizang. The Series of the Comprehensive Scientific Expedition to the Qinghai-Xizang Plateau, **1**: 509-516.
- WARCHALOWSKI, A., 1991. Eine nomenklatorische Aenderung innerhalb der Gattung *Chrysolina* MOTSCHULSKY. Genus, **2**, 3: 281-282.
- , 1993. *Chrysomelidae*. Stonkowate, III. In: Fauna Polski, 15, Warszawa: 279 pp.
- WEISE, J., 1882. *Chrysomelidae*, Lief. II. Naturgeschichte der Insecten Deutschlands, *Coleoptera*, **6**, 2: 193-368.
- , 1884a. *Chrysomelidae*, Lief. III. Naturgeschichte der Insecten Deutschlands, *Coleoptera*, **6**, 3: 369-568.

- , 1884b. Einige neue Chrysomeliden und Coccinelliden. *Deutsch. Ent. Zeitschr.*, **1884**, 1: 161-166.
- , 1887. Neue sibirische Chrysomeliden und Coccinelliden nebst Bemerkungen über früher beschriebene Arten. *Arch. f. Naturgesch.*, **53**, 1: 164-214.
- , 1887. Einige Chrysomeliden-Formen aus Galizien. *Deutsche Ent. Zeitschr.*, **1887**: 185-186.
- , 1889. Synonymische und andere Bemerkungen zu Seidlitz, *Fauna baltica und transsylvanica*. *Deutsche Ent. Zeitschr.*, **1889**: 213-217.
- , 1890. *Insecta, a cl. G.N. POTANIN in China et in Mongolia novissime lecta. 16. Chrysomelidae et Coccinellidae* (Appendix). *Hor. Soc. Ent. Ross.*, **24**: 476-487.
- , 1891. Bekannte und neue Chrysomeliden aus Spanien. *Deutsche Ent. Zeitschr.*, **1891**, 1: 145-150.
- , 1892a. Beitrag zur Coleopteren-Fauna von Turkestan. *Deutsch. Ent. Zeitschr.*, **1892**, 1: 131-140.
- , 1892b. Chrysomeliden aus dem hohen Caucasus, *Deutsch. Ent. Zeitschr.*: **1892**, 2: 405-406.
- , 1892c. Synonymische Bemerkungen. *Deutsch. Ent. Zeitschr.*, **1892**, 2: 413-414.
- , 1894a. Chrysomeliden aus Amasia. *Deutsch. Ent. Zeitschr.*, **1894**: 91-92.
- , 1894b. *Chrysomelidae sibiricae*. *Wiener Ent. Zeitung*, **13**: 153-155.
- , 1896. *Chrysomelidae sibiricae*. II. *Wiener Ent. Zeitung*, **15**: 79-82.
- , 1898. Ueber neue und bekannte Chrysomeliden. *Arch. f. Naturgesch.*, **64**, 1: 177-224.
- , 1900. Beschreibungen von Chrysomeliden u. synonymische Bemerkungen. *Arch. f. Naturgesch.*, **66**, 1: 267-296.
- , 1903. Ueber die mit lichenis Richter verwandten Chrysomeliden. *Deutsche Ent. Zeitschr.*, **1903**: 161-163.
- , 1904. Chrysomeliden und Coccinelliden aus Africa. *Arch. f. Naturgesch.*, **70**, 1: 35-62.
- , 1906. In: HEYDEN L., REITTER E., WEISE J. *Catalogus Coleopterorum Europae, Caucasi et Armeniae Rossicae*. Berlin, Paskau, Caen, 4 + 774 pp.
- , 1907. Afrikanische Chrysomeliden. *Ann. Soc. Ent. Belg.*, **51**: 128-140.
- , 1907. Neue Chrysomeliden und Coccinelliden von der Ausbeute der Herren Oskar NEUMANN und Baron von ERLANGER in Abyssinien. *Arch. Naturges.* **73**, 1: 210-232.
- , 1910. *Chrysomelidae* und Coccinelliden. *Verh. Naturf. Ver. Brunn*, **48**: 25-53.
- , 1912. Beitrag zur Kenntnis der Chrysomeliden. *Arch. f. Naturgesch.*, **78** A: 76-98.
- , 1912. *Chrysomelidae*. *Wiss. Ergebnisse Deutsch. Zentralaf.-Exp. 4*, Leipzig: 127-163.
- , 1916. *Chrysomelidae*: 12. *Chrysomelinae*. In: JUNK, W. and SCHENKLING, S. (Eds.) *Coleopterorum Catalogus*, 68, Berlin, W. Junk: 255 pp.
- , 1917. Afrikanische Chrysomeliden und Coccinelliden. *Arch. f. Naturgesch.*, **83** A, 4: 174-207.
- WESTHOFF, F., 1882. *Die Käfer Westfalens*. 2. Abteilung. Bonn: 141-323.
- WIEDEMANN, C.R.W. 1821. Neue exotische Käfer. In GERMAR, E.F., *Magazin der Entomologie*, 4: 107-183.
- , 1823. Zweihundert neue Käfer von Java, Bengalen und dem Vorgebirge der guten Hoffnung. *Zool. Mag.*, 2, 1: 3-133.
- WOLLASTON, T. V., 1854. *Insecta Maderensia; being an account of the Insects of the islands of the Madeiran group*. London: John & Voorst: 634 pp.
- , 1860. On additions to the Madeiran Coleoptera. *Ann. Mag. Nat. Hist.*, ser. 3, 5: 217-222, 252-267, 358-365, 448-459.
- , 1864. A Catalogue of the Coleopterous Insects from the Canaries in the Collection of the British Museum. 648 pp.
- ZENKER, Ch. D., 1815. Ioh. Karl MEGERLE von MUEHLFELD, erstem Custos der vereinigten k.k. Naturalien-Kabinette, Bemerkungen, Berichtigungen und Zusätze zu Illigers Zusätzen, Berichtigungen und Bemerkungen zu Fabric Systema Eleutheratorum. Linz. 1812. 8v. 44. S. 16. In GERMAR *Mag. Ent.*, Halle, 1, 2: 135-179.

The following papers are unknown to the author: CROTCH G.R., 1871. *Ordinance Surv. Penins. Sinai* 11; ERICHSON G.F., 1841. *Wagner's Reise*, 3; FAIRMAIRE L., 1873. *Rev. Mag. Zool.*, 3, 1; HORNSTEDT, 1788. *Schrift. Ges. naturf. Freunde*; LECONTE J., 1860. *Proc. Acad. Philad.*; LEFEBURE, 1827. *Ann. Soc. Linn.*, 6; MELICHAR, 1912. *Col. Rundschau*, 3; THUNBERG C.P., *Nova Acta Ups.*, 8; WEISE J., 1908. *Exped. Filchner*, 10, 1.

INDEX OF LATIN NAMES

Abbreviations:

(hom.) - junior homonym
 (sgen.) - subgenus
 (ssp.) - subspecies
 (syn.) - junior synonym

- abchasica 158
 acaciae 201
 acervata 174
 acuticollis (syn.) 157
 adamsi (ssp.) 164
 adspersata (syn.) 174
 adzhalamica (ssp.) 147
 adzharica 158
 aegyptiaca 132, 164
 aenea (syn.) 165
 aeneipennis 112, 148
 aeneipennis (hom.) 148
 aeneolucens 197
 aeneomicans 183
 aerea (syn.) 159
 aeruginosa 138
 aeruginosa (hom.) 124, 169
 aethiops (syn.) 187
 affinis 171
 afra 195
 africana 199
 Ageniosa (gen.) 200
 ahena (ssp.) 167
 aino 142
 alacris (ssp.) 192
 alaiensis (ssp.) 116, 151
 alaschanica 118, 119, 120, 154, 200
 alatavica 130, 131, 132, 193
 aleppensis (ssp.) 164
 allobrogorum (ssp.) 159
 Allochrysolina (sgen.) 137
 Allohypericia (sgen.) 138
 almaatica 181
 alnicola 202
 alpina (ssp.) 138
 alta (ssp.) 199
 altaica 113
 Altailina (sgen.) 140
 alternans (hom.) 157
 alternans (syn.) 144
 alternata (syn.) 170
 altiatlantica (ssp.) 153
 altimontana 179
 amasiensis 150
 ambigua (syn.) 169
 ambrostomoides 135, 186
 ambulans 200
 americana 135, 193
 amethystina (syn.) 140
 amplicollis 179
 analis 113, 114, 150, 200
 anatolica 168
 anceyi 195
 andorrensis (ssp.) 165
 andrewesi 197
 angelica (ssp.) 191
 angolensis 166
 angusticollis 142
 annamensis 183
 Anopachys (sgen.) 140
 antoinei (ssp.) 153
 approximata (syn.) 169
 apsilaena 122, 158
 Apterostoma (sgen.) 142
 arambourgi 195
 arctica 138
 Arctolina (sgen.) 111, 142
 armeniaca 178
 artemisiae (ssp.) 165
 arthritica (ssp.) 156
 arunensis (ssp.) 198
 asclepiadis (ssp.) 141
 asperata (ssp.) 183
 assurensis (ssp.) 120, 127, 1787
 assyrica (ssp.) 126, 175
 atasica (ssp.) 112

- Atechna* (sgen.) 111, 144
Athecna (syn.) 144
atlantica 171
Atlasiana (sgen.) 147
atra Herrich-Schaeffer (hom.) 196
atra Matzek (hom.) 162
atra (syn.) 157
atrata (syn.) 157
atrovirens 126, 177
auraria (ssp.) 165
aurata (hom.) 184
aurichalcea 140
auripennis 109, 110, 139
auriventris 183
aurocuprea (syn.) 193
ausonia (syn.) 155
austriaca (syn.) 190
aveyronensis 126, 172
avia (syn.) 160
avulsa (ssp.) 195
azurea (ssp.) 177
bactriana 186
badakhshanica 164
baetica 172
baicalica (hom.) 185
baicalica (syn.) 183
bakuensis (ssp.) 194
balanyensis (ssp.) 172
ballioni 142
balyi 201
banatica (hom.) 159
banatica (ssp.) 159
bankii 155
banksi (lapsus calami) 155
bannikovae (syn.) 143
bannikovay (lapsus calami) 143
barbarica (syn.) 193
bargusiana (ssp.) 172
baronii 183
barrosi (syn.) 174
basilaris 109, 110, 139
bavarica (ssp.) 159
beatricis 135, 179
bechynea (sgen.) 147
bechyneana (ssp.) 159
bechynei 150
Bechynia (sgen.) 147
bella (ssp.) 191
belousovi 181
benjaminica (ssp.) 178
bermani (ssp.) 129, 130, 182
bertiae 166
besseri (syn.) 163
bicolor 150
bicolor Gabriel (hom.) 190
bicolor Germar (hom.) 176
bienkowskii 181
bifoveolata (syn.) 169
bigorrensis 157
biharica 158
bilineata 202
bipustulata (syn.) 146
biroi (ssp.) 124, 166
birulai (syn.) 143
Bittotaenia (sgen.) 111, 148
bivittata (syn.) 156
blaisdelli 201
blanchei 123, 158
blanda (syn.) 192
bodemeyeri (ssp.) 152
boeberi 142
bohemica (ssp.) 141
bohumilae (ssp.) 161
bonvouloiri (syn.) 184
borealis (ssp.) 118, 152
borneensis (ssp.) 184
borochorensis 179
bowringii 183, 200
brahma 110, 115, 150
brancuccii 148
breiti (syn.) 190
brevilata 179
brullei (syn.) 150
bruneli 135, 198
brunneipennis (ssp.) 139
brunnicornis 129, 182

- brunsvicensis 168
 bruttiana (ssp.) 171
 bulgarensis (syn.) 190
 bulgarnensis (syn.) 190
 bungei 142
 burchana 181
 burchanica (lapsus calami) 181
 burdigalensis (ssp.) 150
 burgeoni 144
 Byrrhiformis (syn.) 121, 158, 174
 byzantia (ssp.) 158
 caerulea (syn.) 177
 caesariensis (syn.) 155
 caffra 201
 caliginosa (ssp.) 171
 camena (ssp.) 1727
 cameranoi (syn.) 157
 Camerounia (sgen.) 149
 campestris 139
 campicola (syn.) 175
 canariensis (syn.) 150
 canfrancensis (syn.) 176
 cantabrica (ssp.) 176
 capricornus 187
 carbonaria (syn.) 176
 carbonata 202
 carinata 197
 carnifex 150
 carpathica 167
 carpathica (hom.) 160
 caspica 121, 122, 159
 catalonica (ssp.) 112, 149
 catenata 144
 caucasica (hom.) 159
 caucasica (ssp.) 192
 Caudatochrysa (syn.) 142
 caurina 143
 cavigera 185
 Cecchiniola (sgen.) 114, 149
 centaura (syn.) 187
 centaurei (syn.) 187
 centaurii (syn.) 168
 Centoptera (sgen.) 150
 centralasiae (ssp.) 138
 Ceralces (gen.) 201
 cerealis 156
 ceylonica 183
 chalcites 190
 chalcitis (syn.) 190
 Chalcoidea (sgen.) 150
 chalybea (syn.) 151
 changaica (syn.) 185
 changaiensis (ssp.) 139
 cheni (syn.) 184
 Chersomela (gen.) 107
 chingana (ssp.) 138
 chloris (ssp.) 193
 chlorizans (syn.) 155
 chloromaura (hom.) 173
 chloromaura (ssp.) 173
 christianae (ssp.) 165
 Chrysocrosita (sgen.) 154
 Chrysolina 137
 Chrysolina s.str. (sgen.) 155
 Chrysolinopsis (sgen.) 156
 Chrysomela (gen.) 201, 202
 Chrysomela Motsch. 164
 Chrysomela auct. nec Linnaeus (syn.) 137
 Chrysomorpha (sgen.) 156
 Chrysonotum (syn.) 121, 191
 cilissa 116, 134, 151
 cinctella (syn.) 152
 cinctipennis 151
 cingulata (syn.) 154
 circassicola (syn.) 158
 circumducta (ssp.) 152
 clarki 149
 clathrata 144
 clavareai 135, 136, 197
 clementzae 112
 coarctata 149
 Cobosorina (syn.) 188
 coccinelloides (syn.) 146
 coelestina (syn.) 148
 coelophoroides 144
 coerulans 191

- coerulea (hom.) 177
coerulea (syn.) 137
coerulescens (ssp.) 151
coerulipes 183
coiffaiti (ssp.) 152
Colaphodes (sgen.) 157
Colaphoptera (sgen.) 158
Colaphosoma (sgen.) 162
colasi 188, 200
collaris (syn.) 140
collina (syn.) 177
compuncta 112, 148
concinna (syn.) 170, 200
concolor (syn.) 198
confluens 174
confossa 137
confusa (ssp.) 172
conglomerata 183
consimilis 144
consimilis (hom.) 171
consularis (syn.) 150
conversaria (syn.) 170
convexicollis 180
convexior (syn.) 152
copta (syn.) 178
coreyraea (syn.) 155
coreyrica 168
coriacea (ssp.) 137
coromandeliana (syn.) 165
corrosa 200
corrugata 199
corvina (ssp.) 158
costalis 155
costata (syn.) 156
costulata 197
Craspeda (sgen.) 162
crassicollis 159
crassicornis (hom.) 189
crassimargo (hom.) 160
crassimargo (ssp.) 160
crassipes 172
crebieri (ssp.) 153
cretica 175
cribellata (hom.) 192
cribellata (ssp.) 171
cribraria 109, 139
cribrosa 195
cribrosa (syn.) 144
croatica Franz (hom.) 160
croatica (hom.) 192
Crositops (sgen.) 163
crotchi 202
cruentata (ssp.) 151
cupraria (syn.) 140
cuprea (syn.) 155
cupreolineata (ssp.) 201
cupreonitens (syn.) 165
cupreopunctata (syn.) 175
cupreopurpurea (hom.) 160
cupreopurpurea (syn.) 193
cuprina 168
cuprina (syn.) 148
curata 149
curvilinea 151
cyanea 109, 110, 139
cyanella 143
cyaneoaurata (ssp.) 157
cyaneopurpurea (lapsus calami) 179
cyaneovinosa 182
cyanescens (syn.) 151
cyanicollis 201
cyanicornis 136
cyanopurpurea 128, 179
Cyrtochrysolina (nomen nudum) 123
cyrtonastes (syn.) 179
cyrtonoides (hom.) 179
cyrtonoides 201
daccordii 179
daghestanica (ssp.) 169
dahli Herr. (hom.) 162
dahli Suffrian (hom.) 161
dahli (syn.) 160
dalailamai 179
dalia 197
danieli (syn.) 122, 159
daurica (ssp.) 156

- daurica (syn.) 139
 decempustulata 199
 decempustulata (syn.) 145
 decemstriata (syn.) 193
 decipiens (ssp.) 188
 democratica (syn.) 184
 depressa (syn.) 151
 derelicta (syn.) 148
 desdoueti (syn.) 193
 despecta (syn.) 167
 deubeli (ssp.) 177
 dhaulagirica 198
 Diachalcoidea (sgen.) 163
 dichroa (syn.) 173
 didymata 168
 dieckmanni 113, 116, 151
 dieneri (syn.) 190
 dierythra (ssp.) 152
 differens 123, 159
 difficilis 169
 diga (syn.) 161
 dilacerata (syn.) 174
 dilecta (ssp.) 168
 diluta 132, 177
 diluta (hom.) 194
 dimbrokensis (syn.) 174
 dimidiata (syn.) 138
 diminuta (ssp.) 161
 discipennis (ssp.) 163
 discriminata 180
 dissipabilis (ssp.) 161
 dissoluta 144
 distans (syn.) 138
 distincta (syn.) 160
 distinguenda (syn.) 190
 diversipes (ssp.) 162
 Dlochrysa (syn.) 165
 dogueti 166
 dohertyi 120, 132, 133, 198
 dohrnii 193
 dolini 143
 dolorosa (syn.) 150
 dorsalis (syn.) 137
 dubeshkoeae 143
 dudkoi 140
 duodecimguttata 111, 144
 duodecimlineata (syn.) 144
 duodecimstillata 149
 duperreyi 202
 duplicata (syn.) 168
 dzhungarica 130, 131, 193
 ebraea (syn.) 146
 eburneipennis 199
 edughensis (syn.) 147
 egelida (ssp.) 176
 ehumerosa (ssp.) 177
 elbursica (ssp.) 118, 154
 eldae 166
 elevata (syn.) 140
 elongatior (ssp.) 168
 elysia 149
 embiensis (ssp.) 164
 engelhardti 201
 epipleuralis (syn.) 164
 epipleurica (syn.) 190
 ericae (syn.) 157
 erivanicola (syn.) 161
 erudita (ssp.) 162
 Erythrochrysa (sgen.) 164
 erythromera (syn.) 191
 erythroptera (syn.) 157
 espanoli (ssp.) 137
 Euchrysolina (sgen.) 164
 Eumela (syn.) 201
 euminuta (ssp.) 177
 eurina 109, 141
 Eurypelta (gen.) 201
 exaequata (syn.) 174
 exanthematica 126, 170
 exgeminata (syn.) 117, 125, 169
 eximia (syn.) 165
 exsul (syn.) 159
 extorris 151
 extricata (syn.) 197
 fageli (ssp.) 194
 faldermanni (ssp.) 113

- fallaciosa* (ssp.) 160
fallaciosa (syn.) 191
fallax (syn.) 181
falsa 202
fasciata 111, 144
fasciata (hom.) 156
fascinatrix 198
Fastuolina (sgen.) 165
fastuosa 165
femoralis 172
ferruginea 183
festiva (syn.) 190
figurata 111, 145
filchnerae (syn.) 154
fimbrialis 195
findeli (ssp.) 163
finitima (syn.) 117, 152
flavomarginata 151
flavosparsa (syn.) 145
florea (hom.) 176
fokiensis (syn.) 140
fortunata 199
fossulata (ssp.) 151
fossulifera (syn.) 174
foveopunctata (ssp.) 184
fragariae 187
franzi (ssp.) 160
freyi (syn.) 115, 152
fricata 169
friderici (ssp.) 188
frieseri (ssp.) 161
fucata (syn.) 169
fulgens (syn.) 157
fulgida (hom.) 192
fulgida (syn.) 164
fuliginosa 137
fulminans (syn.) 192
fulvoaenea 183
furva 163
fuscicornis (hom.) 121, 158
fuscipes (hom.) 180
fuscipes (syn.) 162
fuyunica 199
gabonensis 201
gabrieli (ssp.) 167
gahani (syn.) 198
galeopsidis (syn.) 165
galii (ssp.) 137
gallega (syn.) 173
Gallerucida (gen.) 201
gallica (ssp.) 176
gandensis (ssp.) 186
gastoni (ssp.) 138
gastonis (lapsus calami) 138
gaubili (syn.) 188
gebleri 185
gemellata (hom.) 170
Gemellata (syn.) 114, 148, 168, 175
gemellata (syn.) 169
gemina 156
geminata 169
gemmaifera (ssp.) 171
gendreaui (ssp.) 137
gensanensis 141
Ghesquiereita 166
Ghesquierita (incorr. orig. spell.) 166
gibbipennis (syn.) 141
glacialis (syn.) 143, 153
glebi 181
globicollis (syn.) 186
globipennis 177
globosa 159
goettingensis Linnaeus (hom.) 162
goettingensis Schrank (hom.) 157
gracilis 169
graellsii (ssp.) 152
graja (ssp.) 189
graminis 164
grancanariensis 188
grata 112, 114, 148
grossa 173
grossepunctata (ssp.) 188
grouvellei (syn.) 183, 200
grutii (ssp.) 184
guichardi (syn.) 176
guttata Gebler (hom.) 126, 170

- guttata* Vogel (hom.) 145
guttata (syn.) 145
guttifera (syn.) 171
guttipennis 149
gypsophilae 188
haagi 145
haarlovi (syn.) 152
haemochlora 198
haemograpt 145
haemoptera 157
haemoptera Fabricius (hom.) 162
haemoptera Rossi (hom.) 152
halysa 126, 175
havelkai (ssp.) 167
hebe 111, 145
hecateia (ssp.) 171
helenae 181
helferi 183
Heliostola (sgen.) 167
hellieseni (ssp.) 189
helopioides 196
hemichlora (syn.) 198
hemisphaerica 159
herbacea 192
herii (ssp.) 176
hesperia (ssp.) 202
hobsoni (syn.) 190
hochhuthi 200
holdhausi (ssp.) 189
hopffgarteni (syn.) 167
Hoplosoma (hom.) 190
hottentota (syn.) 157
hudsonica 151
Humba (gen.) 136, 201
hungarica (syn.) 195
hustachei (ssp.) 189
hyacinthina (ssp.) 171
Hydrothassa (gen.) 200
hyperici 169
hyperici (hom.) 187
Hypericia (sgen.) 168
hyrcana 116, 151
ibizensis (syn.) 155
ifranensis (ssp.) 153
ignita (hom.) 192
ignita (syn.) 193
illita (syn.) 173
immarginata (syn.) 154
immetallica (ssp.) 186
impavida (ssp.) 191
imperfecta 120, 131, 194
impunctulata (ssp.) 186
incerta (syn.) 176
inconstans 184
incrassata (syn.) 190
indica 135, 136, 201
indigena (syn.) 170
indomita (ssp.) 171
indosinensis (ssp.) 184
inexplicabilis (ssp.) 165
inflata 135, 196
infuscipes (hom.) 180
iniussa (ssp.) 153
inornata 109, 139
insignis (ssp.) 189
instabilis 151
instructa (syn.) 138
insularis (ssp.) 202
intemerata 201
intercalaria (ssp.) 126, 175
intercoxalis (syn.) 201
interior (syn.) 155
interlucea 186
intermedia (ssp.) 189
interna (ssp.) 202
interruptofasciata 145
interstincta 151
intersersa (syn.) 186
invicta 202
iranica (hom.) 178
iranica (ssp.) 191
isidis (syn.) 170
islandica (syn.) 167
italica (ssp.) 176
ivanovskiana (ssp.) 140
jacobsoni (syn.) 182

- Jacobsonia* (sgen.) 170
jacobyi 188
jailensis (ssp.) 194
jakovlevi (lapsus calami) 154
jakowlewi 119, 121, 154, 200
janbechynei (syn.) 151
janczyki 197
japana (syn.) 142
jeanneli 184
jenisseiensis 163
jodasi (syn.) 124, 166
jole (syn.) 198
joliveti 196
juldusana 128, 180
kabaki 163
kabakovi (syn.) 147
kafkana (syn.) 164
kaikana 143
kaltenbachi (syn.) 194
kamali 199
karachia 184
kaszabi 113
katangana 166
katarinae (syn.) 180
katonica 167
kavani (syn.) 163
kawakami (syn.) 147
keniae 202
ketmenica 128, 180
kiesenwetteri (syn.) 157
kinabaluensis 133, 134, 198
kiritshenkoi 129, 181
knabi 202
kocheri 177
koenigi 110, 128, 129, 180
koktumensis 117, 132, 135, 194
koltzei 139
konowi (syn.) 150
korbi (ssp.) 196
koreana (syn.) 147
koshantschikovi (syn.) 182
kowalewskii 112
kozłovi 179
krishnu 197
kryzhanovskii 143
kubanensis (syn.) 158
kubanica (syn.) 161
kuesteri 188
kuldzhensis 194
kulzeri (syn.) 154
kutaisa (syn.) 159
kuznetzowi (hom.) 182
kuznetzowi (syn.) 127, 143, 200
kwanghsiensis (syn.) 141
laboissierei (ssp.) 189
laeta (hom.) 172
laeta (syn.) 159
laevicollis (syn.) 190
laeviguttata 171
laevipennis (syn.) 173
laevipunctata (ssp.) 171
lamii (ssp.) 139
lamina (syn.) 191
laminula (syn.) 156
langobarda (ssp.) 196
lapidaria 160
latecincta 188
latifrons 136
latimargo 185
latipleura 149
laurentia 202
lederi (ssp.) 156
lehri 116, 117, 152
leonardii 148
lepida 138
lepida Brulle (hom.) 150
lepida Stephens (hom.) 155
lepida Suffrian (hom.) 155
lepineyi 172
lesinae (syn.) 193
levi 152
lia 110, 112, 115, 152
libanicola (syn.) 193
lichenis 167
limbata 163
limbatella 127, 178

- limbifera (syn.) 163
 limbolata (syn.) 186
 limitata (syn.) 189
 Linaeidea (gen.) 202
 linaeides (syn.) 141
 linea (syn.) 144
 lineata (ssp.) 194
 lineella 141
 lineigera 141
 lineolata (syn.) 144
 lineoligera 145
 linoides (lapsus calami) 142
 Liomela (gen.) 107
 Lithocrosita (sgen.) 112, 170
 Lithoptera (hom.) 170
 Lithopteroides (sgen.) 170
 littorea (ssp.) 202
 liturata 200
 livonica (syn.) 157
 lobicollis (syn.) 108, 138
 lomata (syn.) 150
 longicornis 197
 longipes 112
 lopatini 120, 129, 130, 182
 luchtii 182
 lucida 173
 lucida (hom.) 173
 lucidala (syn.) 195
 lucidicollis (ssp.) 188
 lucidula 184
 lugubrina (syn.) 124, 168
 luigionii (ssp.) 163
 luminosa 187
 lurida Linnaeus (hom.) 194
 lurida Olivier (hom.) 177
 lusitanica Gmelin (hom.) 150
 lusitanica Gyllenhal (hom.) 166
 lutea 173
 luteocincta (ssp.) 153
 luxurians (syn.) 157
 lynx (syn.) 145
 macromela (ssp.) 160
 mactata 189
 maculatissima (syn.) 174
 maderensis (syn.) 155
 madrasae 184
 Maenadochrysa (sgen.) 171
 maestitialis (syn.) 195
 magniceps (syn.) 142
 mairei 196
 malaccensis (syn.) 183
 malayana 184
 malleti (ssp.) 188
 malvernensis (syn.) 149
 mancini (syn.) 189
 mandarina (syn.) 108, 138
 mangaliana (ssp.) 194
 manipurensis 152
 mansueta (syn.) 144
 marcasitica 123, 160
 margarita (syn.) 187
 marginalis (syn.) 190
 marginata 113, 118, 152
 marginepicta 145
 marginicollis (ssp.) 153
 mariannae (syn.) 192
 maritima (ssp.) 195
 marseuli (hom.) 150
 marseuli (syn.) 171
 marshalii (syn.) 174
 marshalli 145
 marshami (syn.) 187
 martjanovi (nomen nudum) 187
 masoni 166
 matronula (ssp.) 112
 mauliki 197
 mediterranea (ssp.) 165
 mediterranea (syn.) 155
 medogana 169
 medvedevi 182
 megerlei (ssp.) 157
 megriensis (syn.) 148
 melanaria (syn.) 156
 melanaspis (syn.) 197
 melanostigma (syn.) 190
 Melasoma (syn.) 201, 202

- Melasomoptera (sgen.) 173
mellyi 148
menthae (syn.) 161
menthastri (syn.) 192
Menthastriella (syn.) 191
meridionalis (hom.) 192
meridionalis (syn.) 191
mesatlantica 172
metallica 166
metallica (hom.) 161
micans (syn.) 140
microsticha (ssp.) 137
milleri 147
mima (syn.) 150
Mimophaedon (sgen.) 173
Minckia (syn.) 130, 190
minckwitzi 126, 175
minuscula 166
minutior (syn.) 161
mixta (hom.) 157
mixta (ssp.) 157
modesta 201
modesta (syn.) 144
mohri 129, 181
molluginis (syn.) 158
molluginis Redtenbacher (hom.) 195
molluginis Suffrian (hom.) 137
monardi (syn.) 166
Monardita (syn.) 201
mongolensis 180
montana 147
montanella (ssp.) 177
montivagans (syn.) 139
moraviaca (ssp.) 167
morio (hom.) 176
morvennensis (syn.) 190
mucheii (ssp.) 176
mulsa 201
multifida 145
multimaculata 202
muralis (ssp.) 138
murina 166
musiva (syn.) 126, 170
mutabilis (syn.) 201
Naluhia (sgen.) 174
naratica 181
nebulosa (syn.) 198
neglecta 141
nepalensis 200
nevadensis (ssp.) 172
nevesinjensis (ssp.) 194
nigerrima (syn.) 167
nigra Clark (hom.) 146
nigra Reitter (hom.) 124, 168
nigra (syn.) 158
nigricans (syn.) 141
nigricollis (ssp.) 188
nigrita (hom.) 162
nigrita (syn.) 137
nigritula (ssp.) 124, 168
nigrocuprea (syn.) 164
nigrofasciata (syn.) 144
nigrogemmata (syn.) 171
nigrolucens (ssp.) 148
nigromaculata 174
nigropunctata (syn.) 150
nigrosignata (syn.) 174
nigrovittata 135, 198
nikinoja (syn.) 117, 125, 169
nikkoensis 169
nikolskyi 147
nilotica (ssp.) 158
niobe (syn.) 183
nitens (syn.) 156
nitida 202
nitidula (syn.) 193
norica (ssp.) 189
normandi (syn.) 170
notiophila (syn.) 160
novemvittata (syn.) 145
novosibirica (syn.) 144
numida 127, 177
nushana 199
nyalamana 139
obenbergeri 196
oberndorferi (syn.) 191

- obesa* (ssp.) 201
oblonga (syn.) 191
obovata 181
obscurata 202
obscurata (syn.) 162
obscurifacta (ssp.) 194
obscurella 196
obscuriventris (ssp.) 154
obscurifasciata (syn.) 165
obsoleta 155
obtexta (syn.) 174
occidentalis (syn.) 174
ocelligera 199, 200
octocosta 143
octopustulata (syn.) 146
octovittata (syn.) 157
ogloblini (hom.) 136, 140
ogloblini (ssp.) 164
ohoi 170
oirota 143
olivacea (hom.) 162
olivacea (syn.) 191
olivaceonigra (syn.) 191
olivieri 177
ominosa (ssp.) 160
omisiensis (syn.) 141
omoka (syn.) 142
Omolina (gen.) 107
onychina (syn.) 187
ooensis (syn.) 187
ootypa (ssp.) 172
opaca (syn.) 137
opacicollis 138
opacipennis (syn.) 139
opulenta 201
opulenta (hom.) 161
ordinata 182
Oreina (gen.) 107, 201
Oreina Monros et Bechyne (hom.) 137
oricalcia 190
orichalcea (syn.) 191
orientalis 175
orientalis (hom.) 183
ornata (hom.) 149, 200
ornata (syn.) 157
orthostigma (syn.) 174
oschanini 128, 129, 180
osellai 196
oshanini (lapsus calami) 180
ottomana (hom.) 158
ottomana (ssp.) 176
Ovomorpha (syn.) 188
Ovosoma (sgen.) 174
Ovostoma (sgen.) 176
pachysoma (syn.) 161
pachysomoides (ssp.) 160
pala 141
Palaeosticta (sgen.) 177
palaestina (ssp.) 126, 175
palliata 145
palliata (hom.) 156
pallidipes (ssp.) 140
palmyrensis 127, 178
palustris (syn.) 193
pannonica (syn.) 161
Paracrosita (sgen.) 178
Paradiachalcoidea (lapsus calami) 178
Paradiachalcoidea (sgen.) 178
paradoxa 130, 187
Paraheliostola (sgen.) 178
Paramenthastriella (sgen.) 179
pardalina 111, 145
pardoi 127, 178
Parkaniola (syn.) 175
parumnitens (ssp.) 172
parvati (syn.) 154
patriciae 166
pauliani (ssp.) 196
pauperata (syn.) 166
pavlenkoi 189
pedestris 123, 163
pekinensis (syn.) 141
pelagica (syn.) 196
peloritana (syn.) 155
peninsularis 109, 139
peregrina 191

- perfecta (syn.) 182
perforata 139
perforata (hom.) 200
peripherica (syn.) 159
pernitescens (ssp.) 172
perplexa (syn.) 141
persica (hom.) 178
persica (ssp.) 158
pertusa (syn.) 197
petrenkoi 128, 180
peyroni (ssp.) 193
Pezocrosita (sgen.) 127, 128, 179
phaeaca (syn.) 155
philotesia 147
picturata (syn.) 145
pieli 199
Pierryvettia (sgen.) 183
piffli (ssp.) 192
pigra 113
pirka (syn.) 185
placida (ssp.) 202
plagidorsis (syn.) 174
plagioderoides 199
planicollis 161
platypoda 148
platyscelidina 113, 114, 115, 149
Pleurosticha (sgen.) 185
pliginskii 161
plorans (syn.) 157
plumbeonigra (ssp.) 136, 160
pluscula (ssp.) 195
plusquamperfecta (ssp.) 194
polita 164
polonica (ssp.) 162
polychroma (ssp.) 155
polyops 145
Polysticta (syn.) 144
Polystictella (syn.) 149
ponderosa (syn.) 201
poretzkyi (ssp.) 130, 185
poricollis (ssp.) 108, 138
porosa (syn.) 190
porosinensus (lapsus calami) 142
porosirensis 142
porphyrea 161
porphyrea (hom.) 175
porphyropus (ssp.) 172
portai (ssp.) 153
postviolacea 199
Potaninia (gen.) 201
pourtoyi 174
prasina (syn.) 150
pratensis (syn.) 187
praticola 200
privigna (syn.) 169
problematica 145
problematica (syn.) 141
progressa 146
Promechus (gen.) 136
przewalskii 181
przewalskyi 118, 119, 120, 154, 200
pseudoaenea 172
Pseudocrosita (sgen.) 186
pseudogeminata (syn.) 169
Pseudolithoptera (sgen.) 186
pseudolurida (ssp.) 194
Pseudotaeniochrysea (sgen.) 186
Pseudotimarchomima (sgen.) 186
pterosticha (syn.) 123, 163
pubiceps 201
pubitarsis (syn.) 124, 125, 169
pudica 170
pulchella (syn.) 145
pulcher 136
pulla 146
punjabiensis 199
purini (ssp.) 153
purkynei (syn.) 182
purpurascens (ssp.) 160
purpurata 140
pusa 130, 135, 182
putealis (ssp.) 172
pyrenaica (ssp.) 176
pyrrhopyga 201
quadrangulata 141
quadricollis (syn.) 167

- quadrigemina 170
quadristriata 202
quangoensis (ssp.) 144
quatuordecimguttata (syn.) 144
quinquejugis (syn.) 168
raetica (ssp.) 189
rajah 136
recticollis (ssp.) 192
recticollis (syn.) 141
regalis (syn.) 150
regularis (syn.) 138
reichei (syn.) 201
reitteri 194
relicta (ssp.) 192
relucens 142
rementina (ssp.) 159
remigrata (ssp.) 196
repanda 146
reprehensa (ssp.) 159
resplendens (syn.) 192
reuleauxi (syn.) 168
revestita 111, 146
rhipaea (ssp.) 167
rhodia 126, 175
Rhyssoloma (sgen.) 187
richteri (syn.) 190
roborowskii 181
robusta (syn.) 161
roddi 113, 124, 163
rossia 189
rossii (syn.) 189
rosti 122, 123, 161
roubali (ssp.) 153
roulleaui (ssp.) 153
ruandana 166
rubra (syn.) 198
rubricus 196
rubripennis (syn.) 186
rubrocuprea (syn.) 156
rubromarginata (syn.) 190
rufa 161
ruffoi 178
ruficornis (ssp.) 133, 134, 199
rufilabris 110, 129, 130, 182
rufipes (hom.) 185
rufoaenea 191
rufocingulata (syn.) 195
rufofemorata (ssp.) 171
rufohumeralis (ssp.) 189
rufolineata (ssp.) 157
rufomarginata (hom.) 200
rufomarginata (syn.) 188
rugicollis (syn.) 192
ruginosa 199
rugipennis (syn.) 137
rugosopunctata (hom.) 153
rugulosa 170, 200
rugulosa (ssp.) 165
rutilans 201
rutilans (hom.) 156
sacarum 164
saegeri (syn.) 166
sahlbergi 126, 175
sahlbergiana 127, 182, 200
sajanensis (ssp.) 185
sajanica 130, 182
salisburyensis (syn.) 186
salviae 112, 148
samarensis 194
sanguinea (syn.) 190
sanguineocincta (ssp.) 153
sanguinolenta 189
sansibarica (syn.) 201
santonici (ssp.) 165
sarcandica 180
sardea (syn.) 193
sarroensis 153
saurica 143
saxonica (ssp.) 132, 194
schach (syn.) 150
schaefferi (syn.) 139
schallehni (syn.) 165
schatzmayri 142
schewyrewi 167
schneideri 168
schotti (syn.) 191

- scorodon 196
 scovitzii (lapsus calami) 150
 scovitzii (syn.) 150
 sculpticollis (ssp.) 153
 sculptipennis (ssp.) 112, 149
 sculpturata (syn.) 143
 scutellaris (syn.) 201
 seenoi 167
 sellata 153
 Semenowia (gen.) 107
 semifulva 198
 semiglobosa (syn.) 192
 semiopaca (syn.) 137
 semirufa 149
 semiviolacea (syn.) 201
 semota 202
 separata 184
 septentrionalis 143
 sequana (ssp.) 194
 serdanensis 196
 seriatipora 147
 seriatophora (lapsus calami) 147
 seriatopora (lapsus calami) 147
 sericata (syn.) 170
 seriepunctata 120, 133, 135, 199
 sexlineata 146
 shapaensis 184
 sharpi (syn.) 156
 shikokensis (syn.) 169
 siamensis (syn.) 184
 sibirica (ssp.) 138
 Sibiriella (sgen.) 187
 sicula (syn.) 190
 sierrana (ssp.) 189
 silvanae 127, 178
 silvatica (lapsus calami) 185
 simillima (ssp.) 140
 simonsi 174
 sirentensis (ssp.) 195
 siruense (ssp.) 199
 slovacca (ssp.) 177
 sogdiorum 110, 1119, 121, 154
 soiota 179
 solata 196
 solida (ssp.) 147
 solitaria (syn.) 152
 soluta (syn.) 146
 songorica (syn.) 152
 sonora 202
 sparshalli (syn.) 190
 speciosa 201
 spectabilis 121, 155
 speculifera (syn.) 170
 Sphaeratrix (gen.) 136, 201
 Sphaerolina (gen.) 136
 Sphaeromela (sgen.) 187
 spilopectera 167
 splendidula 184
 splendorifera (ssp.) 192
 squalida (ssp.) 161
 stachydis 190
 stalii 140
 staneki (ssp.) 168
 staphylaea 155
 staphylaeoides (ssp.) 161
 staphylea (lapsus calami) 156
 starhorni (syn.) 191
 Starycea (gen.) 201
 stevensi 184
 Stichoptera (sgen.) 188
 Stichosoma (syn.) 155
 stictica 184
 stoeckleini (ssp.) 160
 straeleni (syn.) 167
 striata 111, 146
 striata Fourcroy (hom.) 194
 striata Voet (hom.) 193
 sturmi 162
 suarezi (ssp.) 173
 subaenea Motschulsky (hom.) 171
 subaenea Suffrian (hom.) 187
 subaenea (syn.) 158
 subalpina (syn.) 177
 subcoerulea (syn.) 148
 subcostata 130, 185
 subcruciata (syn.) 145

- subfasciata (syn.) 152
 subfastuosa (syn.) 192
 subferruginea (syn.) 156
 subincrassata (syn.) 160
 subopaca (syn.) 139
 subseriata (ssp.) 152
 subseriata (syn.) 139
 subseriepunctata (syn.) 168
 substrangulata 148
 subsulcata 143
 suffriani 192
 sulcata (hom.) 142
 sulcata (syn.) 152
 sulcicollis 147
 Sulcicollis (sgen.) 130, 190
 sumatrensis 133, 184
 superba 135, 186
 superstes 153
 susterai 176
 sutilis (ssp.) 160
 sutschanica (ssp.) 147
 suturalis (ssp.) 167
 sylvatica 185
 Synerga (hom.) 201
 Synerga (sgen.) 191
 syriaca (ssp.) 168
 Taeniochrysea (sgen.) 193
 taeniolata 146
 Taeniosticha (sgen.) 193
 tagana 196
 tagenii (ssp.) 172
 taibaica 199
 taimyrensis 202
 talyshana (ssp.) 192
 tangeriana 197
 tani 181
 tarda (syn.) 138
 tarragonensis (ssp.) 189
 tastavica 143
 taupini (syn.) 164
 taurica (syn.) 161
 taygetana 132, 134, 195
 teichophila 200
 tekessica 180
 teleuta 143
 teleutica (lapsus calami) 143
 templetoni 135, 136, 198
 templetoni (Sph.) 136
 tesari 118, 135, 154
 tetraspilota 111, 146
 thalassina 173
 thraeissa (ssp.) 175
 Threnosoma (sgen.) 195
 thurntaxisi (syn.) 141
 tianshanica 131, 195
 tibialis 182
 tieutaini (syn.) 201
 Timarchida (gen.) 107
 timarchoides 173
 Timarcholina (sgen.) 197
 Timarchomela (sgen.) 197
 Timarchomima (gen.) 136, 201
 Timarchoptera (sgen.) 198
 tingitana (ssp.) 173
 tolbensis (ssp.) 140
 tolli 185
 tonkinea 185
 torresi (ssp.) 173
 tortipennis 197
 tortipennis (hom.) 197
 tortuosa 146
 transvalense 199
 trapezicollis (syn.) 123, 159
 trebinjensis (ssp.) 153
 trichophila (lapsus calami) 200
 tricolor 146
 tripolitanica (syn.) 148
 tshatkatica 181
 tundralis (syn.) 143
 turanica 112, 149
 turca 176
 turczaninoffi (syn.) 139
 turgaica 154
 turgida (ssp.) 161
 tuvensis 183
 ubertini (syn.) 193

- umbratilis 162
undata 200
undulata 183
unicolor 113, 118, 154
unicolor (hom.) 158
unificans (ssp.) 153
upembae (syn.) 167
uraltuensis 185
urbana 200
urjancaica 180
urumchiana 113
ussuriensis (ssp.) 125, 169
uzbekorum (ssp.) 192
vagecincta 154
vagesplendens (syn.) 141
valichanovi 143
vallesiaca (ssp.) 189
variabilis 201
varians 187
variolosa 190
variolosa (syn.) 139
varipes (ssp.) 172
varivestis (syn.) 145
venefica (syn.) 175
veneta (ssp.) 177
ventricosa (ssp.) 166
verestschaginae 180
verhulsti (ssp.) 174
vermiculosa 173
vernalis 176
vicenaria (syn.) 146
vicinitatis (ssp.) 171
vidua (ssp.) 151
vigintiguttata (hom.), 146
vigintiguttata (syn.) 145
vigintimaculata 111, 146
vigintipustulata 146
vigintiquatuorsignata 146
vignai 178
vilhenai (syn.) 174
villiersi 133, 199
violacea Panzer (hom.) 191
violacea Schaller (hom.) 157
violacea Weise (hom.) 162
violacea (syn.) 137
violaceicollis (syn.) 141
violaceocoerulea (syn.) 137
virgata 165
viridana 192
viridiaenea (syn.) 187
viridipurpurea (ssp.) 155
viridis (syn.) 160
viridisplendens (syn.) 141
viridula (syn.) 169
vishnu 154
vitalei (syn.) 155
vitalisi 185
vitellina (syn.) 191
vitiosa (ssp.) 196
vittata (syn.) 145
Vittatochrysa (sgen.) 198
vrangeliani (ssp.) 129, 182
vulgatissima (hom.) 162
vulpecula 146
vulpina 146
wallacei (syn.) 141
walshi 202
watanabei (syn.) 141
weisei 197
winkleri (ssp.) 195
winneguthi (ssp.) 117, 126, 175
wittmeri 176
wollastoni 156
wollosowiczi 144
wrangeliana 202
xanthophryna (ssp.) 171
yezoensis (ssp.) 125, 169
yunnanica (syn.) 141
yupeiyuae 181
zamotajlovi 154
zangana 140
Zeugotaenia (syn.) 162
zhongdiana 199

Errata to fascicle 1/2001:

In the paper published in fascicle 1/2001: I.K. LOPATIN "Review of Iranian species of the genus *Tituboea* LACORDAIRE, 1848 (*Coleoptera: Chrysomelidae*), pp. 35-43, number of figures cited in the text should be corrected as follows:

- p. 36 - fig. 1 to figs 1, 2; fig. 2 to figs. 3, 4
- p. 37 - fig. 3 to figs 5, 6; fig. 4 to fig. 7
- p. 38 - fig. 5 to figs 8, 9; fig. 6 to figs 10, 11; fig. 7 to figs 12, 13; fig. 8 to figs 14, 15; fig. 9 to figs. 16, 17; fig. 10 to figs 18, 19
- p. 39 - fig. 11 to figs 20, 21; fig. 12 to figs 22, 23; fig. 13 to figs 24, 25
- p. 40 - figs 15, 16 to 29, 31; fig. 15 to figs 28, 29; fig. 16 to figs 30, 31
- p. 41 - fig. 5 to figs 8, 9
- p. 42 - fig. 14 to figs 26, 27

Explanation to figures 24-31 should be continued "... 30, 31 - *T. affinis*".

Corrected version of the paper is available in PDF format on the "Genus" web page: www.biol.uni.wroc.pl/cassidae/genus.htm