

# CARABUS EUROPE + TURKEY

## CARABUS Linné, 1758;

species: 7

### 1. arvensis Herbst, 1784; Europe, Siberia, Far East, Japan

**ssp. arvensis Herbst, 1784;** emend. for arcensis Herbst N,C-Europe:Slovenia to Scandinavia; W-Eur.Russia; "Pommern"(=NW-Poland)

~arcensis Paykull, 1790; ios of arvensis Herbst

=pomeranus Gmelin, 1788 "Pommern"(=currently NW-Poland)

~aereus Dejean, 1826, nec Dejean, 1826 "Alps of Steiermark"

=seileri Heer, 1837 Switzerland:Schaffhausen

~cupreoaeus Letzner, 1850; un

~marginatus Letzner, 1850; un

~niger Letzner, 1850; un

~nigrescens Letzner, 1850; un

~purpurescens Letzner, 1850; un

~versicolor Letzner, 1850; un

~viridiaeneus Letzner, 1850; un

~viridis Letzner, 1850; un

~ziegleri Géhin, 1876, nec Duftschmid, 1812; nom.pro aereus Dejean "Alps of Steiermark"

~cuprescens Dalla Torre, 1877; un

~fuscescens Dalla Torre, 1877; un

~virescens Dalla Torre, 1877; un

~nigrescens Westhoff, 1881; un

~nigrinus Westhoff, 1881, nec Motschulsky, 1865

~aeratus Géhin, 1885, nec Quensel, 1806; nom.pro ziegleri Géhin "Alps of Steiermark"

~ruficrus Géhin, 1885; un

~nigrinopomeranus Rade, 1895; un

=austriac Sokolar, 1907 ?Wienerwald

~detritus Lapouge, 1908, nec Drapiez, 1821 N-Germany:?

=simplex Lapouge, 1908; un "S-Germany & Austria"

=noricus Sokolar, 1910 Austria:Alps:Wechsel

=decipiens Lengerken, 1911 "Bayern"

=germaniae Lengerken, 1911 Germany:?

=borussicus Csiki, 1927; nom.pro detritus Lapouge N-Germany:?

~baldiai Mandl, 1963; un Austria:Vorarlberg:Hochfreschen, 1900m

~haideri Mandl, 1963; un Kärnten:Schleinitz, Lienzer Hütte env.

**ssp. conciliator Fischer, 1822** E-Siberia(Nerchinsk), Baykal Lake; N-Mongolia; Altays, Sayans

=dahuricus Gebler, 1827 ?"Dauria"

=kirbyi Fischer, 1827 Lena River, Taymyr Peninsula

=vinclatus Gebler, 1830 Barnaul

=kamtschaticus Motschulsky, 1846 Kamchatka(LT)

~borealis Poppius, 1906, nec Paykull, 1790 lower Lena River:"Shigansk"

~jelanensis Lapouge, 1908; un "Jelan"(=Baykal Lake env.)

=poppiusi Csiki, 1927; nom.pro borealis Poppius lower Lena River:"Shigansk"

=jurgitae Deuve, 1993 Altays Mts.:Aktash

**ssp. faldermanni Dejean, 1829** Far East, Korea; Shanxi, Shaanxi & NE-China; "Dauria"

=femoralis Motschulsky, 1865; nec ? "Amur"(LT)

=amurensis Géhin, 1885; nom.pro femoralis Motschulsky "Amur"(LT)

=bellus Kraatz, 1886

=concinus Kraatz, 1886 ?"Amur"

=nigerrimus Kraatz, 1886

=viridicoeruleus Kraatz, 1886

=viridiniger Kraatz, 1886 ?"Amur"

=provostii Fairmaire, 1888 "Mts.nr.Peking"

=praesensum Cavazzuti, 1999 C-Shaanxi:Tongchuan:Shimen Shan, S-slope, 1300-1600m; 1m/1f

**ssp. hokkaidoensis Lapouge, 1924** Japan:Hokkaido("Teshio"); Kurils; Sakhalin

=sachalinensis Lapouge, 1906 "Sakhalin"

**ssp. baschkiricus Breuning, 1936** CE-Russia(Kazan'); C-Urals

~laticollis Motschulsky, 1850, nec Sturm, 1826 Baschkiria:Mt.Ilmen(=?Ilmen' ca.20km NE Zlatoust)

**ssp. sylvaticus Dejean, 1826** W-Europe:France(Seine-Marne:Ft.d'Eu), W-Switz., Belgium, Holland, W-Germany, Brit.Isles

=schrackelli Dejean, 1826 LNF

=alpicola Heer, 1837 ?Switzerland:Mt.Pilatus

=anglicus Motschulsky, 1865 Windsor nr.London

~irregularis Beuthin, 1896, nec Fabricius, 1792 Haute-Loire

=raetzeri Born, 1898 Switzerland:Neuenburger Jura

~costalis Lapouge, 1908; un France:Cévennes:Gerbier des Jonc

=liebmanni Lengerken, 1911 W-France:Vosges

=spencei Lengerken, 1911 "Pyrenees"(error)

=sugintensis Brunier, 1922 W-France:Haut-Rhin:Sundgau(=area betw.Basel/Mulhouse)

=subsylvaticus Perraudin, 1965 ?"Stoccarda"

=jarrigei Colas, 1971 Cote d'Or:Chatillon; TNF

=thebaudi Colas, 1971 Corrèze:Les Monédières; TNF

~bicolor (Keith, 1989); un

=couchyi Freney, 2004 ?

**ssp. carpathus Born, 1902; ?non priority** Carpathians(C-Romania:Bucegi Mt.R., Mt.Negoi); E-Europe, S-Eur.Russia

=?eremita Fischer, 1823; ?priority "Kaukasus"(error)

~**romanus Marcu, 1937**; un Romania:?  
= **csikensis Csiki, 1942** CE-Romania:Haghimas Mts.nr.Balan  
= **pseudonoricus Kenyery, 1983** Slovenia:"Bachergebirge:N-slope:1km S Podvelka, 350m" (=ca.betw.Celje/Zagreb)

**ssp. venetianus Bernau, 1914** NE-Italy:Dolomiti, Veneto(Bosco di Cansiglio); Slovenia

## 2.deyrollei Gory, 1839

NW-Spain(Galicia:Sierra de Perache); N-Portugal  
~**luctuosus Géhin, 1885, nec Villers, 1789** N-Portugal:Braga  
~**chloromorphus Branes, 1985**; un  
~**cyaneomorphus Branes, 1985**; un  
~**goryi Branes, 1985**; un  
~**miniresplendens Branes, 1985**; un  
~**neotristis Branes, 1985**; un  
~**pecoudi Branes, 1985**; un  
~**splendidulus Branes, 1985**; un

## 3.granulatus Linné, 1758

Europe, Brit.Isles, Balcans, Turkey, Siberia, Far East, Japan; introduced: Canada, USA  
**ssp. granulatus Linné, 1758** C,W,N-Europe, Brit.Isles, Balcans; S-Russia; introd.:SW-Canada:Brit.Columbia; ?LNF

= **chalybaeus Voet, 1776**  
= **campestris Adams, 1817** Volga River Bank  
= **confluens Fischer, 1827** Volga River  
= **parallelus Faldermann, 1835** Volga River  
~ **niger Letzner, 1850**; un  
~ **nigrescens Letzner, 1850**; un  
~ **rufofemoratus Letzner, 1850**; un  
~ **virescens Letzner, 1850**; un  
~ **rubripes Géhin, 1876, nec Duftschmid, 1812**  
~ **cupreoaeneus Dalla Torre, 1877**; un  
~ **nigroaeneus Dalla Torre, 1877**; un  
~ **viridiaeneus Dalla Torre, 1877**; un  
= **forticostis Kraatz, 1878**  
= **haematomerus Kraatz, 1878**  
= **parvicollis Kraatz, 1878** ?"Steiermark"  
~ **fulvipes Géhin, 1885, nec Fabricius, 1792**  
= **wimmeli Schultz, 1900** Hamburg  
~ **hudsonicus Lapouge, 1924, nec Motschulsky, 1865** ?Hudson Bay  
= **granulatulus Mandl, 1955**  
~ **crimeensis Breuning, 1933**; un Krym Peninsula: ?Jaila Mts.  
= **hibernicus Lindroth, 1956** Ireland:Kerry Co.:Killarney; Hebrides; introduced:Quebec, N.Brunswick, N.Scotia  
~ **atrocyanescens Lamy, 1973**; un

**ssp. duarius Fischer, 1844; nom.pro elongatus Fischer** Siberia, Altays, Sayans, Kazakhstan, Kyrgyzstan, N-Mongolia;  
"Dzhungaria"

~ **elongatus Fischer, 1842, nec Duftschmid, 1812** "Dzhungaria"  
= **songaricus Motschulsky, 1850** "Des.Kirg.or."(LT)  
= **dauricus Solsky, 1875** Irkutsk & Krasnoyarsk  
~ **solskyanus Géhin, 1885**; un  
= **cupriculus Reitter, 1896** Siberia  
= **lenensis Poppius, 1906** lower Lena River  
~ **luctuosus Lapouge, 1924, nec Villers, 1789** "Tunkun-Sayan" (=Siberia/Mongolia:Tunkunsiye Goltzy Mts.)  
= **luctiosus Csiki, 1927; nom.pro luctuosus Lapouge** "Tunkun-Sayan" (=Siberia/Mongolia:Tunkunsiye Goltzy Mts.)

**ssp. interstitialis Duftschmid, 1812** S-Austria(Sudkärnten); Italy, Corsica, S-Balcans; Turkey:Konya, Denizli, Mugla, Samsun

= **palustris Dejean, 1826** Roma env.  
= **aetolicus Schaum, 1857** C-Greece:"Missolonghi" (=Mesolónghi)  
= **debilicostis Kraatz, 1878** ?Piemonte  
= **miriditus Apfelbeck, 1901** N-Albania:"Velipoja nr.Alessio" (=Lezhë)  
= **paludicola Müller, 1903** Hercegovina:Narenta River nr.Metkovich  
= **corsicus born, 1906** Corsica:Folli  
= **calabricus Spettoli & Vigna Taglianti, 2001** S-Italy:Calabria:Parco regoinale delle Serre:Colle del Monaco

**ssp. corticalis Motschulsky, 1846, nec Fabricius, 1801; nbm** S-Dagestan, NE-Georgia, N-Azerbaijdzhan;  
"Georgia"; "Kachetia:Matany"(LT)

~ **ponticus Lapouge, 1924, nec Deyrolle, 1869** "Amasya" (?by error, LT)  
= **ponti Csiki, 1927; nom.pro ponticus Lapouge** "Amasya" (?by error, LT)  
= **daghestanicus Lapouge, 1924** Dagestan

**ssp. leander Kraatz, 1878** C-Caucasus:N-macroslope:Teberda to W-Dagestan; ?LNF

**ssp. yezoensis Bates, 1883** Japan:Hokkaido("Sapporo & Junsai Lake nr.Hakodate"); Sakhalin

~ **sachalinensis Matsumura, 1911, nec Lapouge, 1906** Sakhalin  
~ **praedator Lapouge, 1924**; un "Yesso" (=Hokkaido)  
= **karafutensis Csiki, 1927; nom.pro sachalinensis Matsumura** Sakhalin

**ssp. telluris Bates, 1883** Japan:N,C-Honshu(Tonosawa); NE-China, Shanxi, Far East, Korea

= **pekinensis Fairmaire, 1887** "Peking"  
= **expansus Lapouge, 1905** Selenga River  
= **ussuriensis Born, 1914** Sikhote-Alin Mt.R.  
~ **gobiensis Lapouge, 1924**; un "Inn-Shan & Kalgan" (=Hebei:Xianhua)

## 4.menetriesi Hummel, 1827

C-Europe, NE-Europe, N-Russia, Finland, Byelorussia, Latvia

**ssp. menetriesi Hummel, 1827** N-Europe, Finland, N-Russia(Novgorod env.), Byelorussia, Latvia; N-Slovakia:Oravská Lesná

**ssp. pacholei Sokolar, 1911** Austria:Oberöst.(Tanner Moor nr.Königswiesen); S,W,N-Bohemia: Šumava Mts. to Ústí n.Lab.  
~**bohemicus Tanzer, 1934; un** S-Bohemia:"Mt.Schreiner foot:Schneider- & Oberschlag"(=Mt.Bobík:Krejčovice, Milešice)  
=**knabli Mandl, 1951** E-Austria:"Tirol:Neumühl(=Breitenwang) nr.Reutte"(=ca.60km WNW Innsbruck); 1f  
=**pseudogranulatus Nüssler, 1965** Germany:Sachsen:Gayer:Hermannsdorfer Wiese  
=**witzgalli Reiser in Freude, 1976; ?nud**

**5.sculpturatus Ménétriés, 1832** SE-Azerbaydzhan:Lenkoran', Talysh Mts.; N-Iran:Gilan, Elborz Mts., Gorgan env.  
=**lenkoranus Reitter, 1896** ?"Lenkoran"  
=**gilanicus Mandl, 1967** Gilan:?betw.Asalam/Heroabad  
=**hyrcanus Heinz, 1977** Mazanderan:30km SE Beshar

**6.stscheglowi Mannerheim, 1827** E-Ukraine, E-Eur.Russia; C,S-Urals(Zlatoust betw.Ufa/Chelyabinsk)  
=**zakharschewskii Motschulsky, 1845** Ukraine:"Charcov:Tschuguev"(=Kharkov:Chuguevka); "Rus.mer.:Svatova Luchka"(LT)

**7.vanvolxemi Putzeys, 1875** Japan:Honshu(Tochigi:Chuzenji Lake nr.Nikko, "N.Nip."-LT); Sado Island  
=**decurtatus Lapouge, 1922** Chiuzenji nr.Nikko  
=**noesskei Emden, 1932** Sado Island

**EUCARABUS Géhin, 1885;** type species *Carabus ulrichi* Germar  
**species: 6**

**1.catenulatus Scopoli, 1763** Slovenia, Croatia, Bosnia, NE-Italy

**ssp. catenulatus Scopoli, 1763** Slovenia("Kranj"); Croatia, Bosnia; NE-Italy:Trieste env., SE-Alps; Switzerland:Lugano env.  
=**catenatus Panzer, 1805** "Kranj"  
=**herbsti Dejean, 1826** "Mts.of Croatia"(alpine form)  
=**alternatus Haury, 1855**  
=**subvirescens Motschulsky, 1865** "Idria"  
~**atropurpureus Dalla Torre, 1877; un**  
~**atrovirescens Dalla Torre, 1877; un**  
~**purpurescens Dalla Torre, 1877; un**  
~**virescens Dalla Torre, 1877; un**  
=**korlevici Hoffmann, 1883** Croatia:"Lic plateau"  
=**albanensis Géhin, 1885**  
~**subvirens Haury, 1885;** iss of subvirescens Motschulsky  
=**troyeri Born, 1911** Croatia:Gospic  
~**aenescens Depoli, 1929;** un  
=**hosti Depoli, 1929** "Fiume env."(Rijeka)  
=**rattii Mandl, 1966** Mt.Palanzone nr.Lago de Como(=ca.20km NE Como)

**ssp. fontanellae Reitter, 1896** Croatia:Adriatic Sea coast & islands; "Zara"(=Zadar)  
=**dinaricus Apfelbeck, 1904** Dinara Mts.:Troglav, Kamesnica  
=**mosorensis Müller, 1930** "Mosor"(=nr.Split)

**2.cumanus Fischer, 1823** C,W-Caucasus; S-Georgia; S-Eur.Russia:Stavropol; "Desertus Cumanus"  
=**sobrinus Ménétriés, 1832**  
=**submicans Reitter, 1888** "Circassia"  
=**laetulus Reitter, 1896** "Circassia"  
~**lagodai Lutshnik, 1911;** un Terek River

**3.italicus Dejean, 1826** N,C-Italy, S-Switzerland

**ssp. italicus Dejean, 1826** N-Italy(Piemonte), S-Switzerland  
=**halbherri Lapouge, 1898**  
=**ronchettii Born, 1900** Lombardia:Val Sassina  
~**battonianus Mandl, 1966; un** Liguria:Pra:Mt.Riondo

**ssp. rostagnoi Luigioni, 1904** C-Italy(Latium:Maccarese, Cisterno)  
~**rostagnonis Seidlitz, 1904;** iss of rostagnoi Luigioni

#### 4.obsoletus Sturm, 1815, nec Olivier, 1795; nbm Carpathians

**ssp. obsoletus Sturm, 1815, nec Olivier, 1795; nbm** Carpathians:Mor., Slov., SE-Poland, N-Hungary, E-Ukr., N,C-Rom.;  
>"Österreich"(=?Moravia)  
=sacheri Thomson, 1875 ?"Beskiden"  
=aureocupreus Reitter, 1880 "Trencsen"(=CW-Slovakia:Trenčín)  
=csikii Mallasz, 1901 "Kom.Bestercze-Naszod"(=NC-Romania:Bistrita-Nasaud)  
=prunneri Mallasz, 1901 "Kom.Also-Fehér"(=Alba Iulia)  
~mallaszi Lapouge, 1908; un "N-Hungary"(=currently NW-Romania)  
~uhligi Lapouge, 1908; un  
=uhligi Holdhaus, 1910 "Ceahlau, Caliman, Rareul, Nagy-Hagymas"(=Rarau, Haşmaşul Mare)  
=dudichi Csiki, 1927; nom.pro sacheri Thomson ?"Beskiden"  
~bicoloratus Fleischer, 1930; un  
~mallaszianus Breuning, 1932; un; nom.pro uhligi Holdhaus  
~tesari Niedl, 1957; un M-Ukraine:Mukachevo

**ssp. carpathicus Palliardi, 1825** C,SW-Romania:Fagaraş Mt.R. to Banat; "Transylvanian Alps"  
=euchromus Palliardi, 1825 "Banat"  
=bielzi Birthler, 1886 C-Romania:"Çibin"(Çindrel Mt.R.)  
=deubelianus Fleischer, 1911 "Kapellenberg nr.Kronstadt"(=Braşov)

**ssp. nagyagensis Seidlitz, 1888;** nom.pro procerus Bielz W-Romania:Bihor Mts.; Cluj; Hunedoara & Alba:(="Nagyag,  
>Zalatna"=Sacarimb, Zlatna)  
~carpathicusnagyagensis Birthler, 1886; un "Nagyag, Zalatna"(=Sacarimb, Zlatna)  
~procerus Bielz, 1887, nec Reitt.; nom.pro carpathicusnagyagensis Birth. "Nagyag, Zalatna"(=Sacarimb, Zlatna)  
=fossulifer Fleischer, 1893 "Kom.Bihar:Hadymadfalva"  
~cupreus Fleischer, 1930; un  
~viridis Fleischer, 1930; un  
=tippmanni Breuning, 1936 "Zalatna"(=Alba:Zlatna)  
~paranagyagensis Lie, 1990; un Arad/Hunedoara:Savirsin, Pojoga

#### 5.parreyssi Palliardi, 1825;Croatia, Bosnia; Montenegro

**ssp. parreyssi Palliardi, 1825; ?iss of paraysi Palliardi** Croatia, Bosnia; Montenegro:Volujak, Durmitor Massif  
=gattereri Géhin, 1882 "Steiermark"(error)  
=purpurifer Reitter, 1885  
=dobiaschi Beuthin, 1894 "Bosnia"  
=padewiethi Csiki, 1906 S-Velebit Mts.:Stirovaca  
~ganglbaueri Apfelbeck, 1890, nec Reitter, 1888 S-Bosnia:?  
=planinaecola Csiki, 1906; nom.pro ganglbaueri Apfelbeck S-Bosnia:?  
=squamisculptus Reitter, 1908; nom.pro ganglbaueri Apfelbeck S-Bosnia:?

**ssp. plassensis Born, 1907** Bosnia:Adriatic Sea coast(Plasa); E-Serbia:Frushka Gora  
=strauchi Born, 1908 N-Bosnia:Bihac env.  
=tippmannianus Breuning, 1943 E-Serbia:Frushka Gora

#### 6.ulrichi Germar, 1824; C,E-Europe, Hungary, Ukraine, Romania, Bulgaria, N-Yugoslavia

**ssp. ulrichi Germar, 1824; ?iss of ulrichii Germar** CE-Germany, S-Poland, Bohemia to Slovakia, NE-Hung., Ukraine; N,C-Romania;  
"Schlesien"  
~ulrichii Germar, 1824; ?cos of ulrichi Germar  
=leuckarti Petri, 1885 "Siebenburgen:Schässburg"(=Sighişoara)  
=podolicus Semenov, 1898 "Vinnitza"(=W-Ukraine:Vinnitsa)  
=comanensis Born, 1902 SE-Romania:Dobrogea lowland:Comana, Braila; NE-Bulgaria:Razgrad  
=pavlitscheki Born, 1907 "Bukovina"  
=tigancanus Born, 1908 SE-Romania:Dobrogea lowland:"Tiganca"  
=intercessor Sokolar, 1912 NC-Hungary:Nógrád:Rétság  
~kardaschi Fleischer, 1926; un "Vlarapass"(=Moravia:Vlárský průsmyk)  
=volhynicus Lutshnik, 1927 "Wolhynia"  
=planitiae Csiki, 1929 E-Hungary(Alföld region: ?Debrecen, ?Gyula), Romania  
=donovalensis Smetana, 1951 C-Slovakia:Nízke Tatry Mt.R.:Donovaly

**ssp. rhilensis Kraatz, 1876** Austria, Belg., Holl., Germany, W-Bohemia, Hungary, CW-Romania, N-Yug.; Bulgaria(Rila Mts.)  
~cupreoaeneus Dalla Torre, 1877; un "Oberösterreich"  
~picipes Dalla Torre, 1877; un  
~viridiaeneus Dalla Torre, 1877; un  
=viridulus Kraatz, 1878  
~parvus Géhin, 1885; un "Steiermark"  
~stussineri Géhin, 1885; un Slovenia:"Krain"  
=jaroslavi Fleischer, 1898 "Kom.Bihar"  
=wernerii Reitter, 1899 Bosnia:Vrdač  
=papakensis Koca, 1900 Serbia:Slavonia:Papuk Mts.  
=pernix Csiki, 1904  
=slivensis Apfelbeck, 1904 CE-Bulgaria:Sliven  
=sokolari Born, 1904 S-Austria:Leitha Mts.  
=baranyensis Sokolar, 1908 SC-Hungary:"Kom.Baranya"  
~germanicus Sokolar, 1908, nec Semenov, 1898 "Germany, Nieder- & Oberösterreich"  
=alamannicus Csiki, 1927; nom.pro germanicus Sokolar "Germany, Nieder- & Oberösterreich"  
~stegmanni Mandl, 1969; un Niederbayern:Straubing  
~serbomacedonicus Kenyery, 1970; un S-Serbia:?  
~kucajensis Pavičević & Toševski, 1988; un NE-Serbia:Kučaj Mts.:Babina Glava:above Resavska pečina Cave  
=nastasi Pavičević, 1995 Serbia:?

**ssp. fastuosus Palliardi, 1825** SW-Romania:Banat(Mehadia)

~*cupreonitens* Kraatz, 1878, nec Chevrolat, 1861  
 ~*parallelus* Kraatz, 1878, nec Faldermann, 1835 "Banat:Nemet Bogsan"(=Bocsa nr.Reșita)  
 ~*robustus* Kraatz, 1878, nec Deyrolle, 1869 "Banat"  
 ~*superbus* Kraatz, 1878, nec Schaufuss, 1872 "Banat:Moldowa"(=Moldova Noua)  
 ~*viridilimbatus* Kraatz, 1878, nec Motschulsky, 1859 "Banat:Nemet Bogsan"(=Bocsa nr.Reșita)  
 =*glaucus* Hauray, 1878 Banat:Bazias  
 ~*cyaneus* Bodemeyer, 1881, nec Fabricius, 1776 Banat:Reșita  
 ~*cuprinus* Lapouge, 1902; un Banat:Bazias  
 ~*fabrizioi* Battoni & Breuning, 1970; un E-Serbia:Negotin  
 ~*transdiernae* Pavičević & Toševski, 1988; un NE-Serbia:Tekija(=Dunav right bank opposite to Orșova)  
 ~*alionidiernae* Lie, 1989; ?*nud* Banat:Alion nr.Orșova  
 ~*superboides* Lie, 1989; ?*nud* Banat:"sanatoriul Marilla de linga Oravita"(=Oravita env.)  
 ~*alioni* Lie, 1990; un; ?*nom.pro alionidiernae* Lie Banat:Alion nr.Orșova  
 ~*clutagrosi* Lie, 1990; un Banat:dealul Ciuta nr.Groși(=ca.15km NE Faget)  
 ~*feregarii* Lie, 1990; un Banat:Feregari/Domogled valley nr.Baile Herculane  
 ~*subfastuosus* Lie, 1990; un Banat: betw.Cavaran/Tincova(=ca.30km SE Lugoș)  
 ~*subsuperbus* Lie, 1990; un; ?*nom.pro superboides* Lie Banat:"sanatoriul Marilla de linga Oravita"(=Oravita env.)  
 ~*topeniae* Savulescu, 1992; un Banat:Topenia valley(=NE of Baile Herculane)  
 =*subfastuosus* Lie, 1996 Banat: betw.Cavaran/Tincova(=ca.30km SE Lugoș)  
 ~*subsuperbussuperboides* Lie, 1996; un Banat:"sanatoriul Marilla de linga Oravita"(=Oravita env.)  
 ~*umbrosus* Lie, 1996; un Banat:Poiana Rusca Mts.:Nadrag & Borlova env.

**ssp. arrogans Schaum, 1858** NE-Serbia:Majdanpek, Donji Milanovac; "Serbia"  
 ~*ceremosnjensis* Pavičević & Toševski, 1988; un NE-Serbia:Homolje Mts.:Ceremošnja  
 ~*gornjakensis* Pavičević & Toševski, 1988; un NE-Serbia:Šetonje:Gornjak monastery env.  
 ~*pseudoarrogans* Pavičević & Toševski, 1988; un NE-Serbia:Donji Milanovac

## MORPHOCARABUS Géhin, 1885; type species *Carabus monilis* Fabricius

**species: 20**

### 1.aeruginosus Fischer, 1822 E-Eur.Russia, Siberia, Altays, Sayans

**ssp. aeruginosus Fischer, 1822** E-Eur.Russia, Siberia, Altays("Ridders"=Leninogorsk; ?by error), Sayans  
 =*aereus* Dejean, 1826  
 =*gmelini* Fischer, 1827  
 =*incertus* Motschulsky, 1846 "Sib.or."(LT)  
 =*subcostatus* Motschulsky, 1850 "Sib.or."  
 ~*capucinus* Géhin, 1885; un  
 =*cereus* Lapouge, 1912 "Transbaykalia"

**sp. hermani Mannerheim, 1827** Urals(Zlatoust), W-Siberia

**ssp. salechardensis Obydov, 1999** NW-Siberia(Salekhard env.) & NE-Eur.Russia; ?NC-Siberia

**ssp. eschscholtzi Mannerheim, 1827** Altays, Sayans, N-Mongolia; "Sibiria"

**ssp. tulatensis O.Berlov & Shilenkov, 1996** Altays:Tigiretsky Mt.R.(Tulata env.)

**ssp. zyrjanovskianus Shilenkov & O.Berlov, 1996** W-Altays:Bukhtarma River basin(Zyryanovsk)

**ssp. verzhtzkii O.Berlov & Shilenkov, 1996** NW-Altays:Anuysky & Seminsky Mt.R.:Ch'ornyy Anuy env., Shebalino env.

**ssp. kolyvanus Shilenkov & O.Berlov, 1996** Russia:NW-Altays:Kolyvansky Mt.R.:Kolyvan env.:Kamenka village

### 2.chaudoiri Gebler, 1847 C, NE-Siberia, ?N-Mongolia

**ssp. chaudoiri Gebler, 1847** Mts.nr.Kuznetsk(=Kuznetsky Alatau) & Kan River(=E of Krasnoyarsk); "Altay"(LT)

**ssp. mongolorum Csiki, 1927; nom.pro neglectus Lapouge, 1913** N-Mongolia; "Tunkun, Sajan"(=Siberia/Mongolia:Tunkunskye Goltsy Mts.; LT)  
 ~*neglectus* Lapouge, 1913, nec Kraatz, 1887 "Tunkun, Sajan"(=Siberia/Mongolia:Tunkunskye Goltsy Mts.; LT)

**ssp. czadanicus Obydov, 1997** W-Tuva:Chadan(error; correctly:C-Tuva:Khadyr ca.50km NW Kyzyl)

**ssp. marusiki Obydov, 1997** SE-Tuva:Sangilen Mts.:Kargy River valley:50:31N/97:01E

**ssp. zaikai Obydov, 1999** C-Tuva:Akademika Obrucheva Mt.R.:Sainak Pass, 52:00N/95:34E

**ssp. beladici Obydov, 2001** Tuva:East Tannu-Ola Mt.R.:Chongyz Tayga, 1500m, Kara-Kohl Lake

**ssp. juliae Obydov, 2002** Tuva:Mungun-Tayga:Khindiktig-Khol Lake, 2400m

**ssp. shilenkovi O.Berlov, 1989**Tuva to NE-Siberia(Chukot Peninsula:Bilibinsk:Omolon vill.); Yakutsk:Ust'-Yansk

**3.excellens Fabricius, 1798** NE-Romania, Moldavia, Ukraine; W-Russia: Kursk env.; Byelorussia  
=**goldeggii Duftschmid, 1812** "Podolia"  
=**erythromerus Dejean, 1826** Moldavia:Bendery  
=**erythrocnemus Fischer, 1827**  
=**erythrodes Fischer, 1827**  
~**chrysis Letzner, 1850; un**  
~**polonicus Lomnicki, 1886, nec Motschulsky, 1850** "Galicia:Lubaczow"(=SE-Poland:Lubaczow E of Rzeszów)  
=**frivaldskii Kraatz, 1887** "Galicia"  
=**lomnitzkii Reitter, 1896; nom.pro polonicus Lomnicki** "Galicia:Lubaczow"(=SE-Poland:Lubaczow E of Rzeszów)  
=**sturmi Schilsky, 1899**  
=**moldaviensis Born, 1903** S-Moldavia  
=**jasilkowskii Born, 1905** "Moldavia:Bojan"  
~**pulchellus Csiki, 1906, nec Brüggemann, 1873** "Tavarnók"(=SW-Slovakia:Tovarníky; error)  
~**indiconotus Lapouge, 1906; un**  
~**paradoxus Lapouge, 1906; un**  
~**rubicundus Lapouge, 1906; un**  
~**pseudomoldaviensis Hormuzaki, 1907; un** NE-Romania:"Jassy"(=Iași)  
=**pyretanus Hormuzaki, 1907** N-Moldavia  
=**rareulensis Born, 1907** NE-Romania:Rarau Mts.(alpine form)  
~**paradoxalis Lapouge, 1909; un**  
=**feketei Csiki, 1926; nom.pro pulchellus Csiki** "Tavarnók"(=SW-Slovakia:Tovarníky; error)  
~**botezati Marcu, 1934; un**  
~**striatulus Marcu, 1934; un**

**4.gebleri Fischer, 1817** Altays Mts.:Zmeinogorsk, Zyryanovsk env.

**ssp. gebleri Fischer, 1817** Altays Mts.:Zmeinogorsk env.

**ssp. ultimus Obydov, 1999** Altays Mts.:E-Kazakhstan:Bukhtarma River valley(Zyryanovsk env.)

**5.henningi Fischer, 1817**E-Eur.Russia, Urals; C,W-Siberia, Altays, Sayans; ?N-Mongolia

**ssp. henningi Fischer, 1817** E-Eur.Russia, Urals, W-Siberia(Barnaul), Altays, Sayans  
=**sahlbergi Dejean, 1826** Altays, Sayans, N-Mongolia, Baykal Lake env.; "Siberia"  
~**ruficornis Kraatz, 1882, nec DeGeer, 1774** Altays  
=**spurius Kraatz, 1882**  
~**unicolor Kraatz, 1882, nec Fabricius, 1787**  
=**continuus Lapouge, 1906**"Jelan"(=Baykal Lake env.)  
=**roeschkei Csiki, 1901** Yenisey River  
=**sajanicus Csiki, 1901** Sayans  
=**barnaulanus Born, 1922** Barnaul  
=**uralicus Born, 1922** Urals

**ssp. oviformis Beheim & Breuning, 1943** arctic W-Siberia("Kantaika"=Khantayka SW of Noril'sk)

**ssp. hamarensis Shilenkov, 1996** Russia:Hamar-Daban Mt.R.:Snezhnaya River valley

**ssp. melyachi Shilenkov & Menstshikov, 1996** Russia:W-Altays:(Kolyvansky Mt.R.:Kolyvan env.:Kamenka village)

**ssp. saldaitisi Obydov, 1997** SE-Tuva:Sangilen Mts.:Balyktyk-Khem River source:50:18N/96:24E, 2400m

**ssp. peczoricus Obydov, 2000** NW-Siberia:Komi:Usa:Pechora basin:Kosiyu River mouth, Lek-Rogovaia River mouth

**6.hummeli Fischer, 1823**Siberia; Altays, Sayans, Mongolia, Far East, Korea, NE-China

**ssp. hummeli Fischer, 1823** C,W,E-Siberia(Nerchinsk); Altays, Sayans, Mongolia  
=**burnaschewi Dejean, 1826** "Siberia"  
=**cyaneoviolaceus Motschulsky, 1844** "Dahuria, Irkutsk"  
=**obversus Motschulsky, 1846** Nerchinsk(LT)  
=**ochoticus Mannerheim, 1852** Far East:"Port Ajan"  
~**multistriatus Lapouge, 1924, nec Motschulsky, 1865**  
=**densestriatus Csiki, 1927; nom.pro multistriatus Lapouge**

**ssp. middendorfi Ménétriés, 1851**Russia:Far East:Bolshoy Shantar Island

**ssp. stolidus Lapouge, 1924**?SE-Siberia:Hamar-Daban Mt.R.; ?Sayans

**ssp. jurgae Obydov, 1995** Yakutsk" Suntar-Khayata Mt.R.: Khandyga R.(error; in fact: tundra 300km N Khandyga R.)

**ssp. nevelskii Shilenkov, 1996** S-Sakhalin(Kril'on Peninsula:Kirilovo); C-Sakhalin

**ssp. smaragdulus Kraatz, 1878, nec Fabricius, 1798; nbm** Russia:Far East(middle Amur River), N-Korea, NE-China:Jilin  
=**chrysothorax Kraatz, 1886** Suyfun River(=W of Vladivostok)  
~**decoloratus Kraatz, 1886, nec Reitter, 1884** Suyfun River(=W of Vladivostok)  
=**purpuricollis Kraatz, 1886** Suyfun River(=W of Vladivostok)  
=**purpuripennis Kraatz, 1886** "middle Amur River"  
=**subaeneus Kraatz, 1886** Suyfun River(=W of Vladivostok)  
=**subauratus Kraatz, 1886** Suyfun River(=W of Vladivostok)  
=**viridimarginatus Kraatz, 1886** Suyfun River(=W of Vladivostok)  
~**viridipennis Kraatz, 1886, nec Lewis, 1880** "Amur"  
=**burriatus Lapouge, 1924** "middle Amur River"

=**amurlandicus Shilenkov, 1994**; **nom.pro viridimarginatus Kraatz** Suyfun River(=W of Vladivostok)

**ssp. tristiculus Kraatz, 1879** Far East(Suyfun River mouth W of Vladivostok)  
=**gracilentus Kraatz, 1881** "Innshan Mts.W of Peking"

**ssp. pusongensis Imura, 1993** NC-Korea:Nangnim Mts.:Pusong, Paektu-san Mass.; NE-China:Jilin; Far East:Vladivostok env.  
=**gustavi Shilenkov, 1996** Far East:Vladivostok env.:Chornye Gory Mts.:Kedrovaya Pad'  
=**wangxingensis Deuve & Li, 1998** E-Jilin:"Wangxing Xian:Daxinggou"(correctly:Wangqing Xian)

**ssp. suenisoni Mandl, 1979** NE-Shanxi:NE of Xin Xian:Wutai Shan Mts.; Fang Shan W of Taiyuan  
~**fuscipennis Mandl, 1979**; **un** NE-Shanxi:NE of Xin Xian:Wutai Shan Mts.

**7.karpinskii Kryzhanovskij & Matveev, 1993** SW-Siberia:South Urals:Mt.Iremel, Yamantau, Zigalga

**8.kozhantschikovi Lutshnik, 1924** West Sayans:Kazyr Suk River  
=**martjanovi Lutshnik, 1924** West Sayans:Kazyr Suk River

**9.mestscherjakovi Lutshnik, 1924** West Sayans, East Sayans, E-Altays

**ssp. mestscherjakovi Lutshnik, 1924** West Sayans(Buyba Lake), East Sayans

**ssp. pseudoodoratus Brinev, 2002** Russia:Krasnoyarsk:Us River:7km SW Aradan vill.

**ssp. zherichini Shilenkov, 1990** N-Siberia:Polar Urals to Kolyma River(Gydan Peninsula:Nosok village)  
=**kuzminae Shilenkov, 1990** NE-Siberia:Kolyma basin:Kolyma Lowland:middle Alazeya River  
=**pjasinensis Gottwald, 1993** NC-Siberia:Taymyr Peninsula:Pyasina River  
~**taimyrensis Shilenkov, in litt.**

**ssp. shaman Shilenkov, 1996** Russia:West Sayans:Mt.Shaman  
=**sambylensis Shilenkov, 1996** West Sayans:Dzhembashsky Mt.R.:Abakan River basin:Sambyl Pass

**ssp. telezkianus Shilenkov, 1996** Russia:E-Altays:Teletskoe Lake env.:(SW-bank:Mt.Altyntu); Chulyshman Mts.  
=**altyntuanus Shilenkov, 1996** Russia:E-Altays:Chulyshman River:Mt.Altyntu

**ssp. tuvinicus Obydov, 2002** Russia:Tuva:Uyuk River valley:Taskyl Mt.R.; 1f

**10.michailovi Kabak, 1992** NE-Kazakhstan:Sarym-Sakty Mt.R.:45km WSW Katon-Karagay:E of Ornek

**11.monilis Fabricius, 1792** France, Belgium, Holland, Switzerland, Germany(Halle), Brit.Isles, Ireland

~**affinis Panzer, 1798, nec Schrank, 1781** Germany:Würzburg  
=**consitus Panzer, 1809** Bern  
=**kronii Hoppe & Hornschuch, 1825** Salzburg(error) & Mühlhausen  
=**amoenus Baudet-Lafarge, 1836** Puy-de-Dome:Mt.Doré  
=?**helveticus Heer, 1837**; ?**hyb** Switzerland:?"Guttannen, Herzogenbuchsee"; ?**hyb monilis/cancellatus**  
=**schartowi Heer, 1838** "Jura"  
=**gracilis Küster, 1846** "Bayern"  
~**regularis Wissmann, 1848, nec Fischer, 1823** "Thüringen"  
=**scolecaster Gistel, 1857** "Helvetia"  
=**veris Gistel, 1857** "Germany"  
=**rufofemoratus Motschulsky, 1865** "Helvetia"  
=**taunicus Heyden, 1871** W-Germany:"Mt.Taunus & Vogelsberg"(alpine form)  
~**femoralis Géhin, 1876, nec Motschulsky, 1865**~**azurescens Dalla Torre, 1877**; **un**  
~**viridescens Dalla Torre, 1877**; **un**  
=**alticola Bellier, 1880** Alpes-Hte-Provence:Digne env.  
=**anomalus Géhin, 1880** Switzerland:Mt.Pilatus  
=**femoratus Géhin, 1880**  
=**interpositus Géhin, 1880** "Parigi"  
=**rugatinus Géhin, 1880**  
=**sabaudus Géhin, 1880** "Jura"  
~**nigritulus Kraatz, 1881, nec Kraatz, 1876** "Grande Chartreuse"  
~**rubricrus Géhin, 1885**; **un**; **nom.pro rufofemoratus Motschulsky** "Helvetia"  
~**trilineatus Haller, 1885, nec Fabricius, 1792** "Schweizer Jura"  
~**varicolor Joerin-Gerber, 1888**; **un** "Jura"  
=**bavaricus Beuthin, 1896** Bayern:Lechfeld  
~**interruptus Beuthin, 1896, nec Fabricius, 1775**  
=**moestulus Beuthin, 1896**  
=**sengstacki Beuthin, 1896**  
=?**subchartowi Lapouge, 1898**; ?**hyb** Haute-Garonne:Luchon  
=**meridionalis Born, 1905** S-France  
~**anglicus Lapouge, 1906**; **un** England:?  
~**externus Lapouge, 1906**; **un**  
~**gaultieri Lapouge, 1906**; **un** Loire-Atlantique:Nantes  
=**tugenus Lapouge, 1906** "Kanton Appenzell"  
=**perreti Born, 1907** Isere:Notre-Dame-la-Salette(alpine form)  
~**arvernus Barthe, 1908**; **un** Puy-de-Dome:Mt.Doré  
~**insularis Born, 1908, nec Hope, 1837** England:?



~bavariensis Lapouge, 1909; iss of bavaricus Beuthin  
 =pustulatus Lapouge, 1909 Puy-de-Dome  
 =tigurinus Lapouge, 1909  
 ~kellneri Hubenthal, 1910; un "Thüringen"  
 =nicodii Pic, 1910  
 =rhodanicus Lapouge, 1916 S-France:?  
 =sequanus Lapouge, 1916 Cote-d'Or:Brazay en Morvan  
 =succisus Lapouge, 1916 France:St.Gaudens  
 =subpyrenaes Barthe, 1924 Haute-Garonne:St.Gaudens, Col d'Aspin  
 ~charbonieri Sirguey, 1931; un Puy-de-Dome:Mt.Doré  
 ~cylindricus Sirguey, 1931, nec Herbst, 1784 Puy-de-Dome  
 ~cylindricusniger Sirguey, 1931; un Puy-de-Dome  
 ~cylindricusviolaceus Sirguey, 1931; un Puy-de-Dome  
 ~femoratusviolaceus Sirguey, 1931; un  
 =incostatus Sirguey, 1931 Puy-de-Dome  
 ~incostatusfemoralis Sirguey, 1931; un Puy-de-Dome  
 ~incostatusniger Sirguey, 1931; un Puy-de-Dome  
 ~incostatusviolaceus Sirguey, 1931; un Puy-de-Dome  
 ~interposituscyanus Sirguey, 1931; un  
 ~interpositusniger Sirguey, 1931; un  
 ~interpositusviolaceus Sirguey, 1931; un  
 ~lavagnei Sirguey, 1931 Puy-de-Dome:Mt.Doré  
 ~marcoti Sirguey, 1931; un  
 ~pustulatusniger Sirguey, 1931; un ?Puy-de-Dome  
 ~pustulatusviolaceus Sirguey, 1931; un ?Puy-de-Dome  
 ~rhodanicusviolaceus Sirguey, 1931; un  
 ~sequanusniger Sirguey, 1931; un S-France:?  
 ~sequanusviolaceus Sirguey, 1931; un S-France:?  
 ~theroudi Sirguey, 1931; un  
 ~theryi Sirguey, 1931  
 ~trapeti Sirguey, 1931, nec Bleuse, 1885 Puy-de-Dome:Mt.Doré  
 ~trilineatusniger Sirguey, 1931; un ?"Schweizer Jura"  
 ~trilineatusviolaceus Sirguey, 1931; un ?"Schweizer Jura"  
 ~saouensis Mandl, 1967; un Drôme:Ft.de Saou  
 =daniellae (Bellon & Tarrier, 1972) ?Alpes-Maritimes:Col de Champs  
 =ventusicus (Bellon & Tarrier, 1972)  
 =montichares (Hansen & Gaskowiak, 1973) Ariège:Pailhères  
 =dupeuxi Deuve, 1974 Charente:Forêt de Braconne  
 =benoiti (Devecis, 1975) Corrèze:Albussac  
 ~meneensis Grotz & Grotz, 1975; un Drôme:Col de Menée  
 =norensis Pham, 1977 Aude:Pic de Nore  
 =rosayanus Dufour, 1978 Cote-d'Or:Rosay  
 =fagnensis Grotz, 1978  
 ~aoustensis Machard, 1979; un Drome:Aouste  
 ~brunetensis Machard, 1979; un Plomb du Cantal:Prat de Bouc  
 ~marsannensis Machard, 1979; un Drome:Ft. de Marsanne  
 ~ourthizetensis Machard, 1979; un E-Pyrenees:Pic d'Ourthizet  
 ~pailherensis Machard, 1979; un Ariège:Port de Pailhères  
 ~proncelensis Machard, 1979; un Vercors Mts.:Col de Proncel  
 ~nepos Ivanovs, 1981; un N-Germany:Niedersachsen:Verden an der Aller(=SE of Bremen);  
 =?excellens Fabricius  
 =alpigradus Sermet, 1985 S-Switzerland:Valais:Saas valley  
 ~vincentianus Devecis, 1991; un Cantal:Col d'Aulac  
 ~barilloti Devecis, 2000; un Aveyron:NE-part:Plateau d'Aubrac(HT not designated)

## 12.odoratus Motschulsky, 1844; ?non priority Siberia, Altays, Sayans; ?N-Mongolia

**ssp. odoratus Motschulsky, 1844** Russia:Baykal Lake:SE-coast; Hamar-Daban Mts.(LT)  
 ~vulneratus Lapouge, 1915; un=batesianus Deuve, 1995 "Baikal"; 1m

**ssp. viridilimbatus Motschulsky, 1845** SE-Siberia & Far East:Barguzin Mt.R., Amur; CE-Siberia:S of Yakutsk:Amga; "Amur bor."(LT)

**ssp. irkoutskensis Lapouge, 1915** Irkutsk env.

**ssp. dohrni Gebler, 1847; ?non priority** C-Altays; "Siberia, Altay"(LT)  
 =?microchondrus Fischer, 1842; inc; ?priority "Songoria:Kreis Ajagus"(=?Ayaguz 300 km S Semipalatinsk)  
 ~interstitialis Motschulsky, 1845; nud; nom.pro alysidotus: Fischer (Siberia:Irtysh River; invalid LT)  
 ~irkoutskensis Géhin, 1885; nud; nom.pro interstitialis Motschulsky

**ssp. baeri Ménétrié, 1851** NC,NE-Siberia:Yenisey to Kolyma River; "Boganida"(=S-part of Taymyr Peninsula)  
 =tolli Poppius, 1910 Chara-Ullah Mts.betw.Lena/Jana River(=Verkhoyansky Mt.R.)

**ssp. chaffanjoni Lesne, 1897** arctic E-Siberia:Bulun nr.Lena River mouth

**ssp. melleus Lapouge, 1909; ?un** East Sayans:Mondy; ?NC-Mongolia

**ssp. septentrionalis Breuning, 1932** NW,NC-Siberia:arctic Urals("Obdorsk"=Salekhard) to Yenisey River

**ssp. kamtschatensis Breuning, 1942** NE-Siberia:Kamchatka:Penzhinskaya Guba:Shestakovo

**ssp. antropovi Shilenkov, 1996** Russia:East & West Tannu-Ola Mt.R.(East Tannu-Ola:Shuurmak env.)

**ssp. bargusinus Shilenkov, 1996** Russia:Barguzinsky Mt.R.(Davshe River valley)

**ssp. dabanensis Shilenkov, 1996** Russia:Irkutsk:Hamar-Daban Mt.R.:S-slope(Snezhnaya River valley)

**ssp. krugeri Obydov, 1999** C-Tuva:Akad.Obrucheva Mt.R.:Koptu Pass, 51:56N/95:32E; Sainak P., 52:00N/95:34E

**ssp. magadanicus Obydov, 1999** E-Siberia:Magadan env.(Magadan)



**ssp. martjanovianus Obydov, 1999** Russia:West Sayans:Sayanogorsk

**ssp. taskylensis Obydov, 2001** Russia:Tuva:Taskyl Mt.R.:Uyuk River, 60km NE Tuzan

**ssp. jacuticus Obydov, 2002** Russia:Yakutia:Vostochaya Khandyga River:Teplyi Klyuch

**ssp. putoranicus Obydov, 2002** Russia:NE-Siberia:Putorana plateau:Ajan Lake env.

**ssp. chlebnikovae Obydov 2005; nom. pro marinae Obydov** Russia:Severo-Baykalsk env.(80km S Severo-Baykalsk:5km S Kurkula R. mouth)

~**marinae Obydov, 2003, nec Maux, 1995** Russia:Severo-Baykalsk env.(80km S Severo-Baykalsk:5km S Kurkula R. mouth)

**ssp. czernyscheviellus Obydov, 2002** Russia:Chita:Nerchinsko-Kuengsky Mt.R.:Vershino-Darasunsky vill.env.:Mt.Bogatui

### 13.regalis Fischer, 1822 E-Eur.Russia; C,W-Siberia, Altays, Sayans; N-Mongolia

**ssp. regalis Fischer, 1822** E-Eur.Russia; W-Siberia(Barnaul)

=**cuprinus Fischer, 1822**

=**cyanicollis Dejean, 1826**

=**pasianax Fischer, 1827**

=**interstinctus Motschulsky, 1865** Irtysh River

~**viridicinctus Kraatz, 1882, nec Schaufuss, 1872**

=**viridicollis Kraatz, 1882**

=**jureceki Born, 1922** "Mts.nr.Simbirsk"(=Ulyanovsk)

=**volgensis Csiki, 1927; nom.pro jureceki Born** "Mts.nr.Simbirsk"(=Ulyanovsk)

**ssp. jenissoni Dejean, 1831** Altays, Sayans, C-Siberia, N-Mongolia

~**dubius Motschulsky, 1846, nec Herbst, 1779** Irkutsk(LT)

=**jacutus Mäklin, 1881** "Potapowski"(=Potapovo SE of Noril'sk)

~**cyanescens Kraatz, 1882, nec Sturm, 1815** ?"Altay"

~**nigritulus Kraatz, 1882, nec Kraatz, 1876** ?"Altay"

=**fraudator Lapouge, 1906** Irkutsk

=**hunnorum Lapouge, 1909** "Dzhungaria"

**ssp. tschusovae Obydov, 2004** E-Kazakhstan:Ivanovsky Mt.R.(upper level of "Prokhodnoy Belok")

### 14.rothi Dejean, 1829 Romania, NE-Hungaria, W-Ukraine

**ssp. rothi Dejean, 1829** C-Romania:Sibiu env.; "Transsylvania"

=**aequistriatus Kraatz, 1878**

=**latestriatus Kraatz, 1878**

=**quadricatenatus Kraatz, 1878; nec ?**

=**varistriatus Kraatz, 1878**

=**birthleri Reitter, 1885**

~**rugulosus Birthler, 1885; un**

~**ignoscus Csiki, 1906; un; nom.pro quadricatenatus Kraatz**

**ssp. comptus Dejean, 1831** CW-Romania:Retezat Mts.to Bihor Mts.; "Banat"

~**hopffgarteni Kraatz, 1880, nec Kraatz, 1878** "S-Hungary"(inexact; ?Godeanu & Tarcu Mts.)

~**merkli Kraatz, 1880, nec merkli Hopffgarten, 1878~merklianus Géhin, 1885; un; nom.pro merkli Kraatz**

~**dieneri Merkl, 1900** "Szöreny Mts."(=Godeanu/Tarcu Mts.)

=**diffinis Csiki, 1906** "Komitat Kolosz"(=Cluj)

=**szoerenyensis Csiki, 1908; nom.pro hopffgarteni Kraatz** "S-Hungary"(inexact; ?Godeanu/Tarcu Mts.)

~**ulrichhofmanni Kleinfeld & Korell, 1986; un** SW-Romania:30km SE Lugoj:Cavaran

~**cavarani Lie, 1989; un** SW-Romania:30km SE Lugoj:betw.Cavaran/Tincova

=**ulrichhoffmanni Lie, 1989** SW-Romania:ca.20km E Lugoj:Nadrag env.:Gosta Hut nr.Nadrag

~**borlovensis Lie, 1994; un** SW-Romania:ca.50km SE Lugoj:Mt.Muntele Mic near Borlova

~**micotensis Lie, 1999; un** SW-Romania:ca.40km SE Lugoj:Poiana Rusca massif:Micota valley nr.Boutari

**ssp. hampei Küster, 1846** NW,C,?SW-Romania; NE-Hung.:Szabolcz-Szatmár; W-Ukraine:Mukachevo; "Siebenburgen"

~**schaumi Birthler, 1886, nec Gaubil, 1849** "Serbia"(?inexact)

=**auroseiceus Kraatz, 1880** "Maros-Vasarhely"(=Tirgu Mures)

=**marusii Ormay, 1890** "Gyula-Fehervar & Nagy Enyed"(=Alba Iulia & Aiud)

=**ormayi Reitter, 1896** "Beregszasz"(=Beregovo)

=**liebli Dietl, 1897** "Komitat Kis-Küküllő"(=Tirna Mic)

~**marginatus Kraatz, 1900; un** ?"Maros-Vasarhely"(=Tirgu Mures)

=**zoppai Kraatz, 1900** ?"Maros-Vasarhely"(=Tirgu Mures)

=**dacicus Csiki, 1906** "Szamosujvar & Naszod"(=Gherla & Bistrita Nasaud)

=**eximius Csiki, 1906** "Nagyvarad"(=Oradea)

=**fraternus Csiki, 1906** "Maros-Vasarhely"(=Tirgu Mures)

~**mendax Csiki, 1906, nec Rossi, 1790** "Komitat Marmaros"(=Maramures)

~**validus Csiki, 1906, nec Kraatz, 1884** "Komitat Hunyad:Nagayg"(=Hunedoara:ca.40km NE Deva: Sacarimb)

~**vitiosus Csiki, 1906; un**

~**zilahiensis Csiki, 1906; un** "Komitat Szilagy:Zilah"(=Salaj:Zalau)

~**concinnus Lapouge, 1916; un; nom.pro schaumii Birthler** "Serbia"(?inexact)

=**hunyardensis Csiki, 1926; nom.pro validus Csiki** "Komitat Hunyad:Nagayg"(=Hunedoara:ca.40km NE Deva: Sacarimb)

=**bokori Csiki, 1927; nom.pro concinnus Lapouge** "Serbia"(?inexact)

=**telekii Csiki, 1937** ?"Banat"(?inexact)

=**gutiiensis Takács & Lie, 1992** NW-Romania:NE of Baia Mare:Gutii Mts.

=**praedacicus Takács & Lie, 1992** C-Romania:WNW of Alba Iulia:Zlatna

**ssp. incompus Kraatz, 1880** NC,C-Romania:Rodna Mts.to Harghita Mts.; "S-Hungary:Brasso env."(=Braşov)

~**elegantissimus Csiki, 1906; un~mehelyanus Csiki, 1906** "Komitat Csik:Vigyazok-Tarko"(=ca.Harghita Mts.)

=**spectabilis Csiki, 1906** Rodna Mts.

**ssp. alutensis Savulescu, 1972** C-Romania:Olt River:Rimnicu Vilcea env.(Calimanesti)

## 15.scheidleri Panzer, 1799 CE-Europe, W-Carpathians, Balcans

**ssp. scheidleri Panzer, 1799** N,E-Austria(Wien); SE-Germany:Passau, Regensburg; S-Bohemia; S-Moravia; C,W-Hungary

~caeruleus Panzer, 1812, nec coeruleus Steven, 1808 Wien  
=preyssleri Duftschmid, 1812 Niederösterreich; Puchberg am Schneeberg(LT)  
=aeneipennis Sturm, 1815  
=purpuratus Sturm, 1815  
~virens Sturm, 1815, nec Müller, 1776  
~atrocoeruleus Letzner, 1850; un  
~aureus Letzner, 1850; un  
~cyaneus Letzner, 1850; un  
~niger Letzner, 1850; un  
~purpureo-aureus Letzner, 1850; un  
~purpureo-marginatus Letzner, 1850; un  
~purpureus Letzner, 1850; un  
~viridiaeneus Letzner, 1850; un  
~viridimarginatus Letzner, 1850; un  
~viridis Letzner, 1850; un  
=gibbicollis Motschulsky, 1865  
=ambitosus Schaufuss, 1872  
=improbis Schaufuss, 1872  
=principatus Schaufuss, 1872  
=superbus Schaufuss, 1872  
=viridicinctus Schaufuss, 1872  
~aerescens Dalla Torre, 1877; un  
~aeruginescens Dalla Torre, 1877; un  
~aurescens Dalla Torre, 1877; un  
~coerulescens Dalla Torre, 1877; un  
~cuprescens Dalla Torre, 1877; un  
~elegans Dalla Torre, 1877; un  
~fuscescens Dalla Torre, 1877; un  
~metallescens Dalla Torre, 1877; un  
~nigrescens Dalla Torre, 1877; un  
~violescens Dalla Torre, 1877; un  
~virescens Dalla Torre, 1877; un  
=dominus Reitter, 1885  
~graciosus Géhin, 1885; un  
=styriacus Kraatz, 1887 "Styria"(=Steiermark)  
=limbifer Reitter, 1889  
=burghauseri Fleischer, 1899  
=floriani Penecke, 1905 Steiermark:Gratwein  
~distinguendus Csiki, 1906, nec Duftschmid, 1812 E of Budapest:Rakosfeld  
=jucundus Csiki, 1906 W of Budapest:Pilis Mts.  
=pannonicus Csiki, 1906 C-Hungary:Fejér:Székesfehérvár  
~duchoni Lapouge, 1906; un "Krain"(error)  
~prolifer Lapouge, 1906; un "Krain"(?error)  
=kollarisans Sokolar, 1907 "Moravia"  
~coeruleocinctus Fleischer, 1925; un  
~elegans Fleischer, 1925; un  
=gebhardtii Bodemeyer, 1927 SW-Hungary:Tolna:Dombóvár  
=maderianus Mandl, 1957 Niederösterreich:Aspang  
~pseudoscheidleri Mandl, 1964; un NE-Austria:Leitha Mts.:Winden env.  
~punctatocostatus Mandl, 1964; un Leitha Mts.:Winden env.  
~reductecostatus Mandl, 1964; un Leitha Mts.:Winden env.  
~baderlei Mandl, 1965; un NE-Austria:Burgenland:Parndorfer Platte(SE of Wien)  
~praescheidleri Mandl, 1965; un SW-Hungary:Baranya:Mesceke Mts.  
~pseudojucundus Retezár, 1974; un NW-Hungary:Komárom:Gerecske Mts.  
~vertesensis Retezár, 1974; un NW-Hungary:Fejér:Vértes Mts.  
=csikiellus Deuve, 2003; nom. pro distinguendus Csiki E of Budapest:Rakosfeld

**ssp. helleri Ganglbauer, 1893; ?non priority** Slovakia("Kom.Neutra"=Nitra); N,C,E-Moravia; N-Bohemia; ?W-Ukraine

=?repercussus Drapiez, 1819; ?priority "Karpathen"  
~morawitzi Kraatz, 1887, nec Ganglbauer, 1887 ?"Bohemia"  
~cupripennis Fleischer, 1925; un  
~pseudoambitosus Fleischer, 1925; un  
~pseudoexcellens Fleischer, 1925; un  
~pseudosuperbus Fleischer, 1925; un  
~viridipennis Fleischer, 1925; un  
~pseudopreyssleri Breuning, 1932; un; nom.pro morawitzi Kraatz ?"Bohemia"  
=giuseppemuelleri Hildebrand, 1955 S-Moravia:"Brünn"(=Brno)  
=beheimi Niedl, 1957 W-Ukraine:Mukachevo  
~bieneri Mandl, 1965; un C-Slovakia:Kralovany  
~marmaroschensis Mandl, 1965; un "Marmaros"  
~subparvulus Mandl, 1965; un NC-Hungary:Börzsöny Mts.:Dios Jenő  
~subtilepunctatus Mandl, 1965; un

**ssp. kollari Palliardi, 1825** SW-Romania:Banat Mts.(Mehadia), Vilcan Mts.

=magnificus Kraatz, 1878  
=semetricus Kraatz, 1878 "Banat"  
=negotinensis Reitter, 1896 Serbia:Negotin  
~paroecus Csiki, 1906; un  
~sejunctus Csiki, 1906; un  
=joergeri Born, 1927 "Walachei"

**ssp. praecellens Palliardi, 1825** Serbia:Novi Sad, Fruska Gora Mts.("Futtak"=Futog)

~kollarioides Mandl, 1966; un Serbia:Fruska Gora Mts.

**ssp. illigeri Dejean, 1826, nec Panzer, 1806; nbm** Bosnia; W-Croatia:Dinara planina  
=**laticollis Sturm, 1826**  
=**stentzi A. & J.B.Villa, 1833** "Hungary"(?error)  
~**parallelus Kraatz, 1878, nec Faldermann, 1835** Pljesevica Mts.  
=**curtulus Ganglbauer, 1892** Mts.nr.Sarajevo  
=**bjelasnicensis Apfelbeck, 1902** Bosnia:Bjelasnica Mts.  
=**koschanini Csiki, 1904** Serbia:Kopaonik Mts.  
~**transfuga Apfelbeck, 1907, nec Semenov, 1898** Sarajevo env.  
=**unanensis Born, 1909** Bosnia:Bihac  
~**cerensis (Toševski, 1990); un** NW-Serbia:Cer Planina(=SW of Sabac), Korenita nr.Loznica  
~**tarensis (Toševski, 1990); un** W-Serbia:Tara Mts.:Mitrovac

**ssp. versicolor Frivaldsky, 1835** Bulgaria:Stara planina Mts.(Sliven)  
=**buresi Hanuš, 1923** Stara planina Mts.

**ssp. zawadzkii Kraatz, 1854** E-Slovakia, NE-Hungary, W-Ukraine  
=**dissimilis Csiki, 1906** "Kom.Ung"(=W-Ukraine:Uzhgorod env.)  
=**seriatissimus Reitter, 1896** W-Ukraine:Carpathians:Hoverla Massif; ?"Marmaros"

**ssp. ronayi Csiki, 1906** E-Slovakia("Kom.Zemplén & Ung"), NE-Hungary

**ssp. simulator Kraatz, 1876** NE-Serbia:Majdanpek env.  
=**serbicus Hopffgarten, 1878** ?"Serbia"  
=**polychloros Beuthin, 1885**  
~**tekijensis (Toševski, 1990); un** NE-Serbia:Tekija:Djerdapska klisura, 50m(=Dunav right bank opposite to Orșova)

## 16.spasskianus Fischer, 1823

Altays Mts.to Transbaykalia; N-Mongolia

**ssp. spasskianus Breuning, 1932** SC-Siberia:Krasnoyarsk env. to Transbaykalia; N-Mongolia; "Dauria"  
=**gryphus Motschulsky, 1846** "Baykal Lake"; "Sib.or.:Amaga"(LT)  
=**teichertii Mandl, 1963** N-Mongolia:"Dsun Charaa"

**ssp. tungus Obydov, 1999** C-Siberia:Tunguska (Ilimpeya & Dovogpokan Riv.) & Podkam.Tunguska Riv.Basin

**ssp. putus Motschulsky, 1846** C,W-Altays Mts.(Zmeinogorsk, Kolyvan; LT)

**ssp. schestopalovi Plutenko, 1995** NE-Kazakhstan:Sarym-Sakty Mts.:Soldatovo env.

**ssp. geblerianus Obydov, 1999** N-Altays Mts.:Barnaul env.(Barnaul)

**ssp. saragaschensis Obydov, 1999** SC-Siberia:Hakassia:betw.Krasnoyarsk/Abakan:Saragash

**ssp. cracens Obydov, 1999** E-Kazakhstan:Kalbinsky Mt.R.:Ognevka village

**ssp. korostelevi Obydov, 2004** E-Kazakhstan:Ivanovsky Mt.R.(upper level of "Prokhodnoy Belok")

**ssp. aeruginosiformis Breuning, 1932** West Sayans:Kazyr Suk River

**ssp. microputus O.Berlov & Shilenkov, 1996** West & East Tannu-Ola Mt.R.:S-macroslope(Tuva:Khandagayty env.)

**ssp. zinaidae Obydov, 1997** SE-Tuva:Sangilen Mts.:Kargy River valley:50:31N/97:01E, 1800m

**ssp. shoriensis Obydov, 1999** SC-Siberia:Gornaya Shoriya(=SE of Novokuznetsk)

## 17.tarbagataicus Kraatz, 1878

E-Kazakhstan:Tarbagatay Mt.R., Saur Mts.; China:W-Xinjiang

**ssp. tarbagataicus Kraatz, 1878** E-Kazakhstan:Saur Mts.("Tarbagatai"-probably inexact; LT)

**ssp. urkasharensis Kabak, 2005** W-Xinjiang:Urkashar Mt.R.:near Kairakan Mt., 46:20:45N/84:06:45E; 1f

**ssp. dshungaricus Csiki, 1927; nom.pro motschulskyi Lapouge** E-Kazakhstan:Tarbagatay Mt.R.:C, E-part; "Dzhungaria"  
~**motschulskyi Lapouge, 1909; un** "Dzhungaria" =**fumicolor Deuve, 1998** "Sibérie, Zlatoust"(=Zlatoust betw.Ufa/Chelyabinsk; by error); 1f  
=**necincertus Deuve, 1998** "Sibérie orientale"(by error); 1m

**ssp. pietrorattii Deuve, 1991** E-Kazakhstan:Tarbagatay Mt.R.:W-part(Urdzhar env.) =**pseudogebleri Deuve, 1994** Tarbagatay Mts.:Alekseevka nr.Urdzhar

## 18.venustus Morawitz, 1862

Far East, N-Korea, NE-China

**ssp. venustus Morawitz, 1862** Russia:Far East(E-Siberia:Bureya Mts.) =**carinulatus Chaudoir, 1869; nec ? ?"Amur"** =**acutesculptus Chaudoir, 1877; nom.pro carinulatus Chaudoir** ?"Amur" =**christophi Kraatz, 1878** "Amur"

**ssp. kaesongensis Imura, 1993** CW-Korea:Kaesong; 1f

**ssp. hunjiangensis Deuve & Li, 2003** NE-China:Jilin:Hunjiang Xian:Linjiang:Mayihe

## 19.wulffiusi Morawitz, 1862

Far East, N-Korea, NE-China

**ssp. wulffiusi Morawitz, 1862** Russia:Far East("Bai Possiet"=Pos'et SW of Vladivostok); NE-Korea:Chongjin, Hoeryong ~**distinctus** Haury, 1886, nec Rossi, 1792

**ssp. dekraatzii Kraatz, 1881** NE-China:Liaoning(Liaodong env.), Jilin, Heilongjiang =**jilinensis Deuve & Imura, 1990** NE-China:Jilin:Hunjiang Xian:Changbaishan Mts.:NW-slope:Bai-he =**yonghongii (Li, 1992)** Heilongjiang:Shangzhi:Mao'er Shan =**yonghongianus Deuve, 1992**; **nom.pro yonghongii (Li) =pierremeri Müller, 2002** Heilongjiang:150km E Harbin:Zhangguangcai Mts., 45:10N/128:50E

**ssp. opacipennis Reitter, 1895** NE-Korea:"Gensan"(=Wonsan) =**flavifemoratus Imura & Yamaya, 1994** NW-Korea:Sinuiu env.:Mt.Chonma-san

**ssp. odaesanus (Ishikawa & Kim, 1983)** CE-Korea:Taebeak-san Mt.R.:Mt.Odae-san

**ssp. ssangnamensis (Kwon & Lee, 1984)** NC-Korea:Huchang:Ssangnamdong; 1f

**ssp. chonzeicus Deuve & Li, 2003** NC-Korea:Chagang-do:Huaren-ri:Mt.Chonze-san

**ssp. wurhenensis Deuve & Li, 2003** NC-Korea:Chagang-do:Wurhen-ri:Mt.Sirubong-san

**ssp. taebeagsanus (Ishikawa & Kim, 1983)** CE-Korea:Taebeak-san Mt.R.:Mt.Taebeak-san ~**alpinus (Kwon & Lee, 1984)**, nec Paykull, 1790 Mt.Taebeak-san

**ssp. liaoningensis Deuve & Imura, 1990** NE-China:E-Liaoning:Fengcheng:Fenghuang Shan; ?NW-Korea:Sinuiju:Chonma-san

**ssp. onjinsanicus Rapuzzi, 1994** N-Korea:Hvanghe-pukto:Onjinsan Massif, 1000m(=ca.60km SE Pyongyang); 2m =**myohyangicus Deuve & Li, 1999** NC-Korea:Hyangsan:Mt.Myohyang-san

## 20.zhubajie Imura, 1993

S-Shaanxi; SE-Gansu:Tianshui env.

**ssp. zhubajie Imura, 1993** S-Shaanxi(Qinling Shan:Zhouzhi Xian);

**ssp. caeliaquarius (Imura, 2004)** SE-Gansu:Tianshui env.(Tianshui Shi, 1700m)

**ssp. laojunensis Kleinfeld, 1999** W-Henan:Laojun Shan(Luangchuan, 33:43N/111:37E),Funiu Shan; SE-Shanxi:Zhongtiao Shan

**ssp. shunwangping (Imura, 2006)** S-Shanxi:Li Shan Mts.:SE slopes of Shun Wang Ping Mt., 35:24N/111:58E

## TRACHYCARABUS Géhin, 1885;

type species Carabus scabriusculus Olivier

### 1.besseri Fischer, 1822

NE-Romania, Moldavia("Süd-Podolien"), Ukraine

=**dimorphus Lapoue, 1908**

=**pseudobesseri Lapoue, 1908**

### 2.coriaceipennis Chaudoir, 1863

China:Shandong, Hebei, Shanxi, Shaanxi

**ssp. coriaceipennis Chaudoir, 1863** CE-China:Shandong, Shanxi, Hebei; "Nordchina"

**ssp. taibaimontanus Imura, 1994** C-Shaanxi:SW of Zhouzhi:Taibaishan Massif:S-slope:Houzhenzi

### 3.estreicherii Fischer, 1822

Ukraine("Proskurov"=Khmel'nitskiy), SW-Russia; W-Siberia:Tyumen, Tobolsk

=**adoxus Fischer, 1823** "Kaukasus"(error)

~**modestus Fischer, 1823**, nec **Fabricius, 1801** "Dauria, Südrussland"

=**jaegeri Ménériés, 1827** ?Voronezh

=**accuratus Chaudoir, 1848** "Bessarabia, Cherson"

~**rufofemoratus Lomnicki, 1892**, nec **Motschulsky, 1865**

~**erythromerus Semenov, 1898**, nec **Dejean**; **nom.pro rufofemoratus Lomn.**

~**rubidofemoratus Csiki, 1927**; un; **nom.pro erythromerus Semenov**

=**basirufus Marcu, 1937**

### 4.latreillei Fischer, 1822

C,E-Siberia, N-Mongolia, Far East, N-Korea; N-China:Shanxi to Liaoning

**ssp. latreillei Fischer, 1822** C,E-Siberia(Irkutsk), N-Mongolia, Far East, NE-Korea; N-China:Shanxi, Nei Menggu, Hebei

=**dejeani Fischer, 1822**; **nom.pro latreillei Fischer, 1822**

=**mannerheimi Dejean, 1826; nom.pro dejeani Fischer, 1822**  
~**dimidiatus Fischer, 1844, nec Rossi, 1790** "Dauria"  
~**interruptus Fischer, 1844, nec Fabricius, 1790** "Dauria"  
=**sinensis Géhin, 1885** Chingan Mts.  
=**changaicus Lapouge, 1908** "Mts.on Siberia/Mongolia borders"  
=**inchanicus Lapouge, 1916** China:"Koukou-khoto"(=Nei Menggu:Honhot)  
=**tscheliensis Lapouge, 1916** NE-China:?"Tschili"(=Jilin)

**ssp. mandschurensis Breuning, 1926** NE-China:"Mukden"(=Liaoning:Shenyang)

**ssp. chonmanus Imura & Yamaya, 1994** NW-Korea:Pyongan-pukto:NE of Sinuiju:Mt.Chonma-san  
=**pyonganensis Deuve & Li, 1994** NW-Korea:N-Pyongan:NE of Sinuiju:Mt.Chonma-san

**ssp. semicoriaceus Kraatz, 1881** NE-China:E-Liaoning:Liaodong Peninsula, Dandong env.; NW-Korea

**5.mandibularis Fischer, 1827** Altays, Tarbagatay Mt.R., Saur Mt.R.; N-Mongolia; ?China:N-Xinjiang

**ssp. mandibularis Fischer, 1827** Altays, Tarbagatay Mt.R., Saur Mt.R.; N-Mongolia; ?China:N-Xinjiang

**ssp. buchtarmensis Kryzhanovskij, 1953** E-Kazakhstan:S-Altays:Bukhtarma River:Chernovaya

**6.perrini Dejean, 1831** SE-Ukraine, Krym Peninsula, SW-Russia, Georgia

**ssp. perrini Dejean, 1831** Krym Peninsula("Sudrussland, Krym")  
=**orbicollis Motschulsky, 1846** "Russ.mer."(LT)  
=**campicola Reitter, 1896** Krym

**ssp. planus Géhin, 1885, nec Fabricius, 1792; nbm; nom.pro planatus Motschulsky** SE-Ukraine, SW-Russia:Rostov, Maykop; Georgia; "S-Russia"  
~**campestris Fischer, 1822, nec Adams, 1817** "Tiflis"(=Tbilisi; ?inexact)  
~**parallelus Fischer, 1844, nec Faldermann, 1835** "S-Russia"  
~**planatus Motschulsky, 1850, nec Chaudoir, 1843; nom.pro parallelus Fisch.** "S-Russia"  
=**transcaasicus Csiki, 1927; nom.pro campestris Fischer** "Tiflis"(=Tbilisi; ?inexact)

**7.planarius Obydov, 1994** E-Kazakhstan:W-foot of Tarbagatay Mt.R.:20km S Taskesken:Sholpan

**8.scabriusculus Olivier, 1795** SC-Europe, Carpathians, Balcans, Ukraine, S-Russia, W-Turkey

**ssp. scabriusculus Olivier, 1795** Austria, Moravia, Slovakia, Hungary, W-Romania, Ukraine  
=**agrestis Creutzer, 1799** Moravia  
~**erythropus Fischer, 1822, nec Marsham, 1802**  
=**hoffmanni Motschulsky, 1845**

**ssp. lippii Dejean, 1826** SE-Hungary; Romania, Moldavia  
=?**laevior Krynicki, 1830** "Moldavia, Bessarabia"  
=**curvatus Motschulsky, 1845** "Altays"(error)  
~**cruralis Lapouge, 1908; un**  
~**costulatus Petri, 1912, nec Kraatz, 1889** "Transsylvania"  
~**retyezaticus Csiki, 1927; nom.pro costulatus Petri** "Transsylvania"  
~**macrolipii Lie, 1996; un** C-Romania:S of Alba-Iulia:Sebeş-Alba env.

**ssp. inapertus Motschulsky, 1850** Ukraine(Kharkov-LT), S-Russia  
~**longulus Lapouge, 1908; un**

**ssp. minutus Motschulsky, 1850, nec Fabricius, 1792; nbm** W-Turkey:Bursa:Ulu Dag; "Georgia"(?error; LT)

**ssp. bulgarus Lapouge, 1908** SC,SE-Romania, Bulgaria, Serbia, Bosnia, Macedonia, Eur.Turkey  
~**interruptus Born, 1902, nec Fabricius, 1775** S-Romania:Vlasca:Comana  
=**laceratus Csiki, 1927; nom.pro interruptus Born** S-Romania:Vlasca:Comana

**9.sibiricus Fischer, 1822** S,C-Siberia; Ukraine, Caucasus; ?NW-China:Xinjiang

**ssp. sibiricus Fischer, 1822** SW,SC,SE,Siberia; "Riddersk"(=Altays:Leninogorsk; LT)  
=**seriatoporus Fischer, 1827** Lena River

**ssp. obliterated Fischer, 1827; nom.pro obsoletus Fischer** Altays, Sayans, Tarbagatay Mt.R.; N-Mongolia; "Siberia"  
~**obsoletus Fischer, 1823, nec Rossi, 1790** "Siberia"  
=**ledeburii Fischer, 1827** Altay  
~**tibialis Fischer, 1842, nec Paykull, 1798** "Ajagus"(=?Ayaguz 300 km S Semipalatinsk)  
=**riphaeus Motschulsky, 1846** Irtysh near Pianojarsk (=Semipalatinsk; LT)  
=**frater Kraatz, 1879** ?N-Mongolia  
=**frontosus Lapouge, 1908** "entre Kholdja/Ourga"

**ssp. karelini Fischer, 1830** SW-Russia:Saratov, Orenburg, Samara; "Südrussland"

**ssp. gvozdevae Obydov, 1997** Siberia:Hakassia:betw.Krasnoyarsk/Abakan:Saragash env.

**ssp. kolosovi Zinoviev, 1997** S-Urals:Bashkiria:Mesyagutovo:Ay River bank; Perm:Kungur:Plekhanovo:Spasskaya Gora

**ssp. bosphoranus Fischer, 1823** Taman Peninsula, Krym Peninsula, W-foot of Caucasus  
~carbonarius Motschulsky, 1850, nec Rossi, 1790 S-Russia:?  
=jailensis Breuning, 1932 Krym Peninsula:Jaila Mts.

**ssp. tscherkessicus Korge, 1964** Caucasus; ?Armenia; ?NE-Turkey; ?LNF  
~sibiriculus Mandl, 1955; un Caucasus:Kislovodsk, Teberda

**ssp. errans Fischer, 1823** Ukraine; SW-Russia:Rostov; "Tauria"  
=krynickyi Fischer, 1827 Ukraine:Odessa  
=cribricollis Motschulsky, 1846 "Sarepta"(=lower Volga basin; LT)  
=maritimus Motschulsky, 1850 "Litt.m.Pont.:Odessa"  
~acutangulus Eichler, 1924, nec Chaudoir, 1879 Rostov env.:Morskaya  
~acutangulatus Csiki, 1927; un; nom.pro acutangulus Eichler Rostov env.:Morskaya  
=retowskianus Mandl, 1955 SC-Ukraine:Odessa

**ssp. haeres Fischer, 1823** N-Ukraine; SW-Russia:Voronezh, Tula, Ryazan'  
~fossulatus Dejean, 1826, nec Quensel, 1806

**ssp. rybinskii Reitter, 1886** W-Ukraine:Ternopol

**ssp. pseudobliteratus Korell & Kleinfeld, 1982** NW-China:Xinjiang:"Ake-Tei-A-Zhu-Pai Temple"(=?nr.Korla)

**MIMOCARABUS Géhin, 1885;** type species Carabus maurus (Adams)  
**species: 5**

**1.elbursensis Breuning, 1946** N-Iran:Elborz Mts.:?"Mt.Sulaiman"(=Taht-i Suleiman)

**2.khorasanensis Deuve, 1993** NE-Iran:"Ala-Dagh, Budschnurd"(=Bojnurd); 30km N Ghuchan:37:23N/58:31E

**3.maurus (Adams, 1817)** Armenia, Georgia; C,E-Turkey; Cyprus; N,C-Iran; Syria, Lebanon

**ssp. maurus (Adams, 1817)** NE-Turkey:Kars; Armenia; Georgia("Tiflis"=Tbilisi)  
=gemellus Fischer, 1844 "Caucasus"  
=discoideus Reitter, 1880  
=alagoensis Kraatz, 1896 "Mts.S of Araxes valley:Alagoes"(=Mt.Aragats Massif)  
=maurulus Mandl, 1955 Caucasus

**ssp. paphius Redtenbacher, 1843** Cyprus, SE-Turkey, N-Iran, N-Iraq, Syria, Lebanon

**ssp. osculatii Osculati, 1844** W-Iran southwards to Shiraz env.  
=schirasensis Breuning, 1968 CW-Iran:S of Shiraz

**ssp. hochhuthi Chaudoir, 1846** C,E-Turkey:Amasya, Konya, Eskisehir, Gümüşhane; "Armenia"(?NE-Turkey:Bayburt env.)  
=geminatulus Reitter, 1896 Amasya

**ssp. calosomoides Reitter, 1896** S-Turkmenistan:Kopet Dag Mts.; NE-Iran; "Transcaspia:Hadscha-Kala"(=?)  
=demetrii Semenov, 1903 N-Iran:Mazenderan("Mazanderan:Sefidab River")  
=caspicola Rapuzzi, 2005 N-Iran:Mazandaran:E of Kelardasht, 36:30N/51:15E  
**ssp. hermonensis Schweiger, 1970** Antilibanon Mts.:Hermon Massif

**4.pumilio Küster, 1846** Armenia, Caucasus Minor; NE-Turkey:Ararat Massif  
=araratensis Kraatz, 1896 Mt.Ararat

**5.roseni Reitter, 1897** NE-Iran; Turkmenistan:KopetDag Mts.

**ssp. roseni Reitter, 1897** NE-Iran:"Haidanabad"(=?Torbat-e Heydariyeh; LT); Turkmenistan:KopetDag Mts.

**ssp. hemicalosoma Semenov, 1903** NE-Iran:Gorgan env., Bojnurd env.("Budshnurd Mts.)

**ssp. gonbadensis Deuve, 1991** NE-Iran:NE of Gorgan:Gonbad-e Kavus; 70km NE Gonbad-e-Kavus:37:26N/55:23E



## **RHIPOCARABUS Reitter, 1896;** type species *Carabus alysidotus* Illiger **species: 1**

**1.alysidotus Illiger, 1798** NW,CW-Italy; Elba Island; SE-France:Alpes-Maritimes to Hérault; "Italy"  
=**pomptinus Lapoue, 1916** Italy:Maremma  
=**stagnalisaequalis Lapoue, 1916** Hérault:Lattes nr.Montpellier  
=**stagnalis Breuning, 1932; nom.pro stagnalisaequalis Lapoue**  
=**bucheti (Ochs, 1949)**

## **ARCHICARABUS Seidlitz, 1887;** type species *Carabus nemoralis* Müller **species: 9**

**1.gotschi Chaudoir, 1846** Turkey, Armenia, W-Syria

**ssp. gotschi Chaudoir, 1846** Armenia, NE-Turkey:Kars, Erzurum; "Armenia"  
=**maljushenkoanus Breuning, 1926** Armenia:Yerevan, Sevan Lake; "Göktschai"(=Sevan)  
=**horioni Korge, 1968** Kars:betw.Susuz/Haskoy:Kisir Dagı  
=**naumanni Breuning, 1971** Kars:"Merdenik"(=Göle)

**ssp. congruus Motschulsky, 1865** C-Turkey:Amasya, Samsun, Nevşehir, Ankara, Cankiri, Tokat, Sivas, Yozgat, Kayseri  
~**turcicus Motschulsky, 1865, nec Fabricius, 1792** LNF  
=**ottomanus Reitter, 1896** Amasya  
=**diversus Schweiger, 1969** Nevşehir:Avanos  
=**ilgazicus Breuning & Ruspoli, 1970** Cankiri:betw.Ilgaz/Cankiri:15km S Ilgaz

**ssp. pseudogotschi Breuning, 1926** C-Turkey:Konya(Sultan Dag:nr.Akşehir), Ankara, Eskişehir  
=**inonunus Cavazzuti, 2003** Eskişehir:İnönü, Söğüt env.  
~**kochisarensis Lassalle, 2003;** un Ankara:Serefliköçhisar

**ssp. regismontium Schweiger, 1964** NC-Turkey:Kastamonu:Ilgaz Dag:"Juniperus zone"  
=**subnivalis Schweiger, 1964** Kastamonu:Ilgaz Dag:"alpine zone"

**ssp. pseudorugosus Machard, 1994** E-Turkey: Bitlis(Resadiye), Artvin, Ezzurum, Gümüşhane, Sivas, Bingöl  
=**nicolae Auvray, 1995** Artvin:Kilickaya  
~**koyulicus Lassalle, 2003;** un Sivas:Koyulhisar

**ssp. caramanus Fairmaire, 1886** SE-Turkey:Antakya("Akbes"=E of Hassa); W-Syria  
=**mollis Lapoue, 1924** Antakya:Akbes  
=**depressipennis Mandl, 1955** LNF(unlabelled HT)

**ssp. unctus Lapoue, 1908** SC-Turkey:Adana, Konya, Tarsus, Kahramanmaraş, Kayseri; "Taurus"  
=**bulghardaghensis Breuning, 1926** SC-Turkey:"Burna, Bulghar Dag"(=Bolkar Dag)  
~**goeksunensis Breuning, 1966;** un Kahramanmaraş:Göksun env.; Kayseri:Erciyes Dag  
=**eregliensis Breuning, 1974** Konya:Eregli  
=**demelti Heinz, 1977** Mersin:Namrun:Camliyayla; Adana  
=**alayliensis Cavazzuti, 2006** Adana/Kayseri:betw.Dogabeyli/Bakirdagi:Küçükgezbeli

**2.monticola Dejean, 1826** SE-France & NW-Italy:Alps

**ssp. monticola Dejean, 1826** SE-France:Isère, Alp.Hte.Prov.("Basses Alpes"), Alp.Marit.; NW-Italy:Liguria  
=**asperus Beuthin, 1892** ?"Basses Alpes"(=Alpes-Hte-Provence)  
=**jordani Beuthin, 1892** ?"Basses Alpes"(=Alpes-Hte-Provence)  
=**maritimensis Born, 1923** Alpes Maritimes  
=**megasomus (Tarrier, 1972)** Alpes Maritimes:?lower Vésubie valley  
~**bleonensis Raynaud, 1973;** un Alpes-Hte-Provence:Bléone valley:Prads

**ssp. liguricus Born, 1898** NW-Italy:Alpi Liguri(Colle dei Signori)

**ssp. fontanae Born, 1906** NW-Italy:Monte Generoso, Biella env.  
=**biellensis Born, 1923** Biella env.

**ssp. roccae Born, 1923** NW-Italy:Monte Viso, Albergian, Val di Susa, Col Coupé; betw.Savona/Torino  
~**sturanii Mandl, 1966;** un Liguria:Savona env.:Monte San Giorgio

**3.montivagus Palliardi, 1825** Balcans, Romania, Hungary, SE-Slovakia

**ssp. montivagus Palliardi, 1825** C,W,E-Bulgaria; C,W-Romania("Banat"), E-Serbia, E-Macedonia; NE-Greece, Eur.Turkey  
=kalofrensis Apfelbeck, 1904 Bulgaria:"Kalofer"(=Kalofer Planina Mts.).  
~ponticus Apfelbeck, 1904, nec Deyrolle, 1869 E-Bulgaria:Burgas  
~rosalitanus Apfelbeck, 1904; un "Balkan Mts.:Rosalita Pass env.(=Stara Planina Mt.R.)  
=bulgaricus Csiki, 1927; nom.pro ponticus Apfelbeck E-Bulgaria:Burgas

**ssp. vellepiticus Hampe, 1850** Croatia(Velebit Mts.), Bosnia, Montenegro; N-Albania  
~illyricus Kraatz, 1880, nec Kraatz, 1878 ?"Ternowaner Wald"(=Slovenia:Trnovski Gozd)  
=illyriensis Géhin, 1885; nom.pro illyricus Kraatz ?"Ternowaner Wald"(=Slovenia:Trnovski Gozd)  
=sutomorensis Reitter, 1885 Montenegro:"Sutomore"  
=leonhardi Born, 1904 ?"N-Herzegovina"  
=medius Lapouge, 1908 "Romania, Bulgaria, Serbia, Bosnia & Croatia"  
=goljensis Born, 1910 W-Bosnia:Golja Planina  
=boszdaghtensis Breuning, 1966 W-Turkey:"Bos Daght"(=Boz Dag; error)

**ssp. blandus Frivaldsky, 1865** S-Slovakia, Hungary("Kom.Abauj-Torna & Heves")

**4.nemoralis Müller, 1764** Europe:S-Spain - British Isles – Scandinavia - Eur.Russia; introduced:N.America, Kazakhstan

**ssp. nemoralis Müller, 1764** Europe:France - Brit.Isles – Scandinavia - Eur.Russia; Germany; introd.:N.America, Kazakhstan  
=foetens Voet, 1778  
~nigrescens Letzner, 1850; un "Silesia"  
~virescens Letzner, 1850; un "Silesia"  
~tristis Dalla Torre, 1877; un Oberösterreich  
~krasae Roubal, 1903; un SW-Bohemia:"Klattau"(=Klatovy)  
~brunnipes Lapouge, 1908; un  
~lucidus Lapouge, 1908, nec Duftschmid, 1812 ?N,C-France  
~canadensis Lapouge, 1908, nec Melsheimer, 1853 N.Brunswick & Newfoundland(introduced)  
~deletus Lapouge, 1908; un "Russia & Hungary"  
~auratus Heuer, 1926, nec Linné, 1758 Frankfurt a.M.  
~lestagei Basilewsky, 1930; un  
~nicollei Bourgin, 1947 Aube:~Ft.du Grand Orient  
=nigrotinctus Mandl, 1955  
~pseudomontivagus Mandl, 1961; un "Kärnten:Weidisch:Javornik"  
=verdonensis Puisségur, 1961 Alpes-Hte-Provence/Var:Verdon valley:Les Dourbes  
=colasi (Bourgin, 1963) Massif des Maures  
=miolansicus Tarrier, 1965 Esteron valley  
=cantalicus Jeanne, 1970 Cantal:Plomb du Cantal, 1850m  
~aubersoni (Raynaud, 1973); un Switzerland:Pomy  
=borealensis (Raynaud, 1973) England:Oundle, Ashton Wold  
~cantalicus Machard, 1974, nec Jeanne, 1970 C-France:Cantal:?  
~fayardensis Machard, 1974 Alpes-Hte-Provence:Lardier  
~freneyi Tarrier, 1975; un Maine-et-Loire:Bois du Mouliherne  
~montisidiniensis Tarrier, 1975; un Alpes-Hte-Provence:Les Dourbes  
=waltersachi Mandl, 1984 Austria:Steiermark:Rotemanner Tauern:Strechengraben

**ssp. prasinotinctus Heyden, 1880** SW-France, NC-Spain; Lozère & N-Spain  
=contractus Géhin, 1885 Hautes-Pyrénées  
=kraatzianus Beuthin, 1889 ?"S-France"  
=nissen Beuthin, 1889 ?"S-France"  
~pulcherrimus Beuthin, 1889; un ?"S-France"  
=atavus Lapouge, 1908 LNF(unlabelled HT)  
~discolor Lapouge, 1908; un  
~meridionalis Lapouge, 1908, nec Born, 1905 Ariège  
=pascuorum Lapouge, 1908 S-France:Cévennes; Lozère:St.Germain-de-Calberte(NT)  
=quinqueseriatu Lapouge, 1908 Landes  
~setosus Lapouge, 1910; un  
~meridianus Csiki, 1927, nec Linn., 1767; nom.pro meridionalis Lapouge Ariège  
~venustus (Raynaud, 1973), nec Morawitz, 1862 Lot:Leymes  
~litigiosus Tarrier, 1975; un Aude:Ft.de Monthaut nr.Rennes-les-Bains  
?manae Devecis, 1996; un Corrèze:Monédi?res Massif

**ssp. lamadridae Born, 1895** NW-Spain:Lugo, Oviedo, Leon, Coruna; "Asturia:Llanos"  
~indigotinctus Codina, 1927; un N-Spain:Burgos:Pancorbo  
~layrei Tarrier, 1975; un NW-Spain:Lugo:Puertomarin

**5.phoenix Lapouge, 1924** SW-Lebanon:Saida, Djebel Ech Cheik Mts.; ?SW-Syria

**6.pseudomonticola Lapouge, 1908** S-France:Pyrenees-Orientales(Serralongue; NT); NE-Spain:Gerona, Barcelona  
=sorredensis Reymond, 1935 Pyrenees-Orientales:Foret de Sorréde  
~catenus (Raynaud, 1973); un "Casteil"  
~lunatus (Raynaud, 1973); un "Col des Ares"  
~hispanicus Tarrier, 1975; un Barcelona:Montserrat  
=pseudopascuorum Tarrier, 1975 Barcelona:N.S.de Queralt nr.Berga

**7.rossii Dejean, 1826** Italy:Piemonte to Calabria  
=dragonettii Rozzi, 1839 Gran Sasso Massif  
~castaneipennis Costa, 1857, nec Ménétrés, 1832  
~minor Pirazzoli, 1871, nec Kraatz, 1860 Abruzzi Mts.  
=pirazzolii Géhin, 1876; nom.pro minor Pirazzoli Abruzzi Mts.

=*costae* Géhin, 1885; **nom.pro castaneipennis Costa**  
=stoecklini Lopez, 1891 Livorno  
~intermedius Porta, 1923, **nec Dejean, 1826**  
=portae Csiki, 1927; **nom.pro intermedius Porta**

**8.steuartii Deyrolle, 1852** NW-Spain:Orense, Zamora, Lugo, Léon; N-Portugal:Braga to Guarda("Oporto env."=Porto)  
=heydeni Oliveira, 1876 Portugal:??Serra de Gerez  
=barrosi Lapouge, 1908  
=fusarius Lapouge, 1908  
=moreli Lapouge, 1908 Spain  
=nodicornis Lapouge, 1908  
=fabriciirusspolii Breuning, 1966 NW-Spain:Léon:Pena Rubia  
=durani Raynaud, 1974 NW-Spain:Lugo:Samos  
=bastiani Lassalle, 1982 Portugal:Guarda:Manteigas env.

**9.victor Fischer, 1836** SE-Bulgaria, NW, NC, NE-Turkey, SW-Georgia, ?W-Armenia

**ssp. victor Fischer, 1836** NC, NE-Turkey:Ordu to Artvin, SW-Georgia(Akhaltzikhe)  
=motschulskyi Kolenati, 1845 "Tiflis"(=Tbilisi)  
=inconspicuus Chaudoir, 1846 Trabzon, Erzurum, Artvin, Kars; "Armenia"(=NE-Turkey)  
=falsarius Reitter, 1896 Armenia:"Alagoes"(=Aragats; ?by error)  
=nanus Kraatz, 1896  
~obtritrus Lapouge, 1924, **nec Chaudoir, 1857** "Urals"(by error)  
=transeuns Lapouge, 1924 NC, NE-Turkey:Ordu, Sivas; "Bosporus, Skutari"(by error)  
=dissolutus Csiki, 1927; **nom.pro obtritrus Lapouge** "Urals"(by error)  
~akkusanus Breuning, 1965; **un** Ordu:Akkus  
~cordithorax Blumenthal & Breuning, 1967; **un** Rize:Ayder nr.Camlihemsin  
=montanellus Heinz, 1967 Artvin:Yalnizçam Pass  
=loebli Schweiger, 1969 Trabzon:Gesirmendereş valley  
=pseudotransenus Machard, 1979 Ordu:betw.Gölköy/Mesudiye  
=hortulanus Darge, 1994 Rize:Ovit Pass  
=subminimus Machard, 1995 Trabzon:S of Caykara:Soganli Pass, 2300m  
=borckanus Cavazzuti, 2003 Artvin:Borcka  
~torulensis Lassalle, 2003; **un** Gümüşhane:W of Torul

**ssp. wiedemanni Ménétries, 1836** NW, NC-Turkey:Istanbul to Sinop; SE-Bulgaria; NE-Greece:Alexandroupoli; "Turkey"  
=vaitoiani Strasser, 1900 "Phillippopol"(=Plovdiv)  
=burgassiensis Apfelbeck, 1904 SE-Bulgaria:Burgas env.  
=bythinus Lapouge, 1908 "Anatolia:Kadikoy"(=?Bospor region)  
=anceps Lapouge, 1924 LNF(?Amasya/Samsun region)  
=winklerianus Breuning, 1933 Bursa:Ulu Dag Massif  
=paphlagoniensis Breuning, 1954 Kastamonu  
=goekdaghensis Mandl, 1955 Kocaeli:Goek Dag (=S of Izmit)  
=cekirgesis Schweiger, 1964 Bursa:Havuzlu park nr.Cekirge  
~nilufer Schweiger, 1964; **un** Bursa:Havuzlu park nr.Cekirge  
~patruelis Schweiger, 1964; **un** Kastamonu:Ilgaz Dag:grasslands  
=besucheti Schweiger, 1965 Bolu:pass betw.Bolu/Kaynasli  
~mussardianus Breuning, 1965; **un** Sinop:Dranaz Dag  
~akcakocaensis Blumenthal & Breuning, 1967; **un** Bolu:Akcakoca env.:Kaplendere Dagi  
=mengenicola Schweiger, 1969 Bolu:SW of Mengen  
~zindangensis Lassalle, 2003; **un** Sinop:Zingan Dag, Erfelek, Yenikonak, Kastanelik

**ISCHNOCARABUS Kraatz, 1877;** type species *Carabus tenuitarsis* Kraatz  
**species: 2**

**1.cychropalpus Peyron, 1858** S-Turkey:Adana("Cydnus River bank"=?Ceyhan River), Antakya  
=cychropalpulus Mandl, 1955 Adana

**2.tenuitarsis Kraatz, 1877** C-Turkey

**ssp. tenuitarsis Kraatz, 1877** C-Turkey:Amasya, Tokat, Çorum  
=cottarellii Breuning & Ruspoli, 1970 "betw.Amasya/Çorum:Mongitosu"(=Çorum:Mecitözü)  
=balgoezensis Deuve & Charet, 2004 C-Turkey:Çorum:Balgöze

**ssp. ankarensis Breuning, 1961** C-Turkey:road Ankara/Çankiri:20km N Ankara  
~cankiriensis Breuning, 1962; **un** Çankiri:betw.Çankiri/Ilgaz  
=prasinomatus Rapuzzi, 1991 Çankiri:Çankiri env.

**ssp. auvrayi Charet, 1992** Kırşehir:Çiçekdagi pass E of Ankara  
=rubizzaniorum Cavazzuti, 1994 C-Turkey:Kırşehir:Mucur

## **LIMNOCARABUS Géhin, 1876;** type species *Carabus clathratus* Linné **species: 1**

### **1.clathratus Linné, 1761** N,C-Europe, Brit.Isles, Balcans, Turkey, Russia, Central Asia, Siberia, Far East, Japan

**ssp. clathratus Linné, 1761** N,C-Europe, British Isles, Russia, Central Asia, Siberia; LNF(?N-Germany)

=*aeneopunctatus* DeGeer, 1774

=*longus* Voet, 1778

=*adspersus* Gmelin, 1788

~*eversmanni* Motschulsky, 1846, nec Fischer, 1832 "Ichym"

~*detritus* Letzner, 1850; un "Silesia"

~*cupreus* Schilsky, 1888, nec Linné, 1758 N-Germany:Borkum Island, Warnemünde, Zingst

=*jansoni* Kraatz, 1890 Scotland

~*multipunctatus* Kraatz, 1890, nec Linneaus, 1758 "Westpreussen"

~*borealis* Born, 1908, nec Paykull, 1790

=*foveolatoseriatus* Reitter, 1896 Altays

=*boreus* Csiki, 1927; nom.*pro borealis* Born

~*aeratus* Culot, 1986; un

**ssp. stygius Ganglbauer, 1890** Azerbaydzhan:Lenkoran env.; N-Iran

**ssp. auriensis Müller, 1902** Austria, S-Moravia, Slovakia, Hung., SE-France; Italy; Balcans("Fiume"=Rijeka); Cauc., Armen., Turkey

~*laccophilus* Reitter, 1896; un "Caucasus:Mahmutli"

=*arelatensis* Lapouge, 1903 SE-France:Camargue, Montpellier

=*antonellii* Luigioni, 1921 C-Italy:Latium:Maccarese,Fiumicino, Roma env.

=*epirensis* Purkyně, 1928 NW-Greece:Ipeiros:"Janina"(=Ioánnina)

**ssp. maacki Morawitz, 1862** Far East(Hanka Lake):Ussuri, Sikhote-Alin; Korea; Japan:N,C-Honshu

=*aquatilis* Bates, 1883 Japan:Honshu:Shimonosawa Lake(=?Nagano:Suwa-ko Lake)

=*viridipunctus* Kraatz, 1886 Far East:Suyfun River(=W of Vladivostok)

## **TACHYPUS Weber, 1801;** type species *Carabus auratus* Linné **species: 3**

### **1.auratus Linné, 1761 W,NC-Europe**

**ssp. auratus Linné, 1761** W,NC-Europe:NC-Spain:Viella; SC,C,N-France to Bohemia, ?W-Poland; "Sweden"(error)

=*sulcatus* DeGeer, 1774

~*coeruleomicans* Letzner, 1850; un

~*contortus* Letzner, 1850; un

~*picipes* Letzner, 1850; un

=*lanarius* Gistel, 1857

~*nigripes* Dalla Torre, 1877; un

~*opacoviridis* Dalla Torre, 1877; un

~*viridiauratus* Dalla Torre, 1877; un

=*brullei* Géhin, 1885

=*catalaunicus* Géhin, 1885 "Champagne"

=*obscuricornis* Beuthin, 1894

=*worleei* Beuthin, 1894 "Harz"

~*rotundatus* Born, 1895, nec Paykull, 1798 Col de Balme nr.Chamonix

=*auratoides* Reitter, 1896 "Vogesen"(=Vosges Mts.)

=*perauratus* Reitter, 1896 Austria:Vorarlberg:Dornbirn

=*sulcatissimus* Lapouge, 1898

=*confluentinus* Bockleth, 1904 C-Germany:Rheinland:Koblenz

=*laticollaris* Bockleth, 1904

=*quadricostatus* Bockleth, 1904

=*labittei* Clément, 1904 Paris env.

~*perviridis* Born, 1915; un; error for *perauratus* Reitter

~*anthracinus* Barthe, 1921; un "Pyrenees"

=*bettingeri* Barthe, 1921 Savoie:St.Pierre d'Albigny

=*brunieri* Barthe, 1921 Aude:Salvezines

~*erythropus* Barthe, 1921; un "C-Pyrenees"

~*dufourii* Barthe, 1922, nec Dejean, 1829 Auvergne:Clermont-Ferrand

~*barthei* Lebis, 1924; un

=*navarricus* Lapouge, 1924 ?"W-Pyrenees"; ?"Navarra"

=*hilairei* Gavoy, 1925 Pyrenees:Val d'Aran

=*dufouranus* Csiki, 1927; nom.*pro dufouri* Barthe Auvergne:Clermont-Ferrand

~*nigricatus* Csiki, 1927; un; nom.*pro anthracinus* Barthe "Pyrenees"

~*rutilipes* Csiki, 1927; un; nom.*pro erythropus* Barthe "C-Pyrenees"

=*clementi* Sirguey, 1931

~*clermonti* Sirguey, 1931; un

~*meyeri* Sirguey, 1931, nec Born, 1898

=*rivalieri* Bourgin, 1948 Seine-et-Marne:?

=*concyri* Machard, 1973

~plonnieri Machard, 1973; un  
=isignyensis Machard, 1977  
~margaritae Hecq, 1996, un Marne/Meuse:Ft. d'Argonne(Chatrices S of Sainte Menehould - TNF)

**ssp. honnoratii Dejean, 1826** SE-France:Alpes-de-Haute-Provence(?="Mts.of Basses Alpes:Banon"), Vaucluse, Var  
~atripes Géhin, 1885; un "Basses Alpes"(=Alpes-de-Haute-Provence)  
~nicolasi Chobaut, 1897, nec Reitter, 1888 Vaucluse:Mt.Ventoux  
=ventouxensis Nicolas, 1904 Vaucluse:Mt.Ventoux  
=hnicolasi Chobaut, 1908; ?nom.pro nicolasi Chobaut Vaucluse:Mt.Ventoux  
~baeri Bleuse, 1914, nec Ménériés, 1851 "Basses Alpes"(=Alpes-de-Haute-Provence)  
=diversicolor Bleuse, 1914 "Basses Alpes"(=Alpes-de-Haute-Provence)  
~olivarius Nicolas, 1919; un Alpes-de-Haute-Provence:Digne  
~nicolasianus Csiki, 1927; un; nom.pro nicolasi Chobaut Vaucluse:Mt.Ventoux  
=fabrei Colas, 1962 Vaucluse:Mt.Ventoux  
=vadoni Colas, 1962 Var:Rians  
=aufreirei Colas, 1964 Alpes-de-Haute-Provence:Les Dourbes  
~diensis Tarrier, 1975; un Drôme:Forêt de Saou  
~blayeulensis Machard, 1977; un Alpes-de-Haute-Provence:Mt.de Blayeul  
~lardierensis Machard, 1977; un  
~lurensis Machard, 1977; un  
~grimonensis Machard, 1977; un  
~malcorensis Machard, 1977; un  
~seirinensis Machard, 1977; un  
~ignescens Darnaud, 1980; un Vaucluse:Mt.Serein  
~astridae Fiévet, 1991; un  
~camardi Darnaud, 1995; un Vaucluse:Buoux

**ssp. lotharingus Dejean, 1826** SC,SE-France:Gard, Hérault, Aude, Vaucluse, Bouch.du Rh., Ardeche; Moselle:Metz(error)  
=siculum Ragusa, 1881 "Sicilia"(error)  
=monspeulantus Lapouge, 1898 Gard:Montpellier  
=transiens Cleu, 1952  
=incognitus Bourgin, 1953 Hérault:?  
=puisseguri Bourgin, 1953 Hérault:Les Thiéres  
=gangensis Schaefer, 1962 Hérault:Ganges  
=billieriensis (Schaefer, 1969) Hérault:Les Billieres  
=virenguensis (Schaefer, 1969) Aveyron:La Virenque  
=avenionensis (Schaefer, 1973) Vaucluse:Avignon  
=larzacensis (Schaefer, 1973) Hérault:Le Caylar  
=mourguesi (Schaefer, 1973) ?Hérault:Cros env.:La Virenque  
=sambucensis (Schaefer, 1973) Bouches-du-Rhone:Le Sambuc  
?gagates Forel & Leplat, 1995 Hérault:Brassac

**ssp. lasserrei Doué, 1855** SW,SC-France(Dep.Ardeche)  
=ligericinus Fairmaire, 1886 Lozère:S-part  
=sudresi Lapouge, 1898 Lozère:Mt.de la Margeride  
~ruthenus Lapouge, 1908; un  
=magdelainei Bleuse, 1914 Ardeche  
=ispaniacus Nicolas, 1919 Lozère:Ispagnac  
=pseudolotharingus Barthe, 1921 Aude:?  
~taranicus Cleu, 1952; un Ardeche  
~ligericinus Mandl, 1955; un  
=carouxensis (Schaefer, 1969) Hérault:Mt.Caroux  
=millavensis (Schaefer, 1969) Aveyron:?  
~mouriesi (Schaefer, 1969); un  
~rabili Raynaud, 1971; un Tarn:Forêt de Gresigne  
=mazametensis Prunier, 1999 Tarn:S of Mazamet:3km of Y?s  
?agoutensis Bidault & Camard, 2003; un Hérault:upper Agout valley:"Cambon et Salvargues"

## 2.cancellatus Illiger, 1798 W,N,C-Europe, Balcans, S-Scandinavia, W-Russia, Siberia

**ssp. cancellatus Illiger, 1798** N-Germany, S-Scandinavia, Poland, N-Moravia, Ukraine, W-Russia, Siberia; ?"Ost-Preussen"  
=tuberculatus Dejean, 1826 "N-Germany"  
=conjunctus Lomnicki, 1892  
=sajanensis Reitter, 1896 "Ostsajan"(=East Sayans)  
~anderseni Beuthin, 1896; un  
~bicolor Beuthin, 1896, nec Walker, 1866  
=conspersus Lapouge, 1902 ?"Russia"; ?Byelorussia:Baranovichi  
~rossicus Lapouge, 1902; un C-Russia:?  
~adelphus Kolbe, 1912, nec Rost, 1892 "Mark Brandenburg"  
=amitinus Kolbe, 1912  
=avunculus Kolbe, 1912 "Westpommern: ?Negast nr.Stralsund"  
~fallax Kolbe, 1912, nec Olivier, 1795 CW-Poland:"Krossen"(=Krosno)  
=genuinus Kolbe 1912  
=marchicus Kolbe, 1912 Berlin env.  
=rauterbergi Kolbe, 1912 Niedersachsen:Hildesheim  
=saxonicus Kolbe, 1912 "Sachsen:?"  
=kniehopfi Langenhan, 1913 "Pommern:Stolp"  
~balticus Bernau, 1915; un Latvia:"Lennewaden nr.Riga"  
~charcoviensis Bernau, 1915; un Ukraine:Kharkov  
=pratensis Bernau, 1915 "Südrussland"(error)  
=susplicax Everts, 1915 Holland:?  
~rapax Kolbe, 1915; un N-Moravia:Paskov  
=wankae Sokolar, 1919 "Teschen & Saybusch"  
=munsteri Born, 1926 SE-Norway:?  
=dolosus Csiki, 1927; nom.pro fallax Kolbe CW-Poland:"Krossen"(=Krosno)  
~nowotnyi Eidam, 1930; un "Emanuelsegen"  
~semnonicus Csiki, 1927; un; nom.pro adelphus Kolbe "Mark Brandenburg"  
=kuntzeni Eidam, 1930 Denmark:"Jutland:Sandbl.Lejrd, Sandet, Muldjord, Klitplantage, Svingelbjerg"  
=obscuriusculus Eidam, 1930 "Oberschlesisches Industriegebiet"  
=ingulensis Eidam, 1941 Ukraine:"Elisabethgrad, Cherson, Charkow"

**ssp. scythicus Schaum, 1857** Romania & W-Ukraine:N,C-Carpathians; ?Carpathians of C-Romania  
 =bucsecsianus Born, 1902 "Gipfelregion des Bucsecs"(=Bucegi Mt.R.; alpine form)  
 ~pseudoscythicus Lapouge, 1902; un  
 ~pseudotuberculatus Lapouge, 1902; un ?Carpathians of NC Romania  
 ~transsylvanicus Petri, 1912; un "Transsylvania:Schulergebirge, Schässburg"(=Sighișoara)  
 =assiduus Kolbe, 1913 Fagaras Mt.R.:Mt.Negoi  
 =bucovinianus Kolbe, 1913 "Bucovina"(=NE-Romania)  
 ~gracilis Kolbe, 1913, nec Küster, 1846 "Galicia:Radywno"  
 ~infernalis Kolbe, 1913; un "Ungarn"(=?W-Romania)  
 =moldavicus Kolbe, 1913 Bacau  
 =oligoscythus Kolbe, 1913 NE-Romania:"Berlad valley"(=Birlad River)  
 =oriundus Kolbe, 1913 "Czernowitz & Bojan"(=W-Ukraine:Chernovtsy)  
 =romaniacus Kolbe, 1913 "Romania:Parban"  
 ~dobrudschensis Bernau, 1913; un Dobrogea Lowland(?error)  
 ~subfallax Bernau, 1913; un "Bukowina:Bojan"  
 ~scythicoides Bernau, 1913; un "Walachei"  
 ~vorax Bernau, 1913; un "Kronstadt"(=Braşov)  
 ~subscythicus Lie, 1996; un C-Romania:NE of Simeria:Sibot env.

**ssp. durus Reitter, 1896** W-Carpathians:Slovakia("Trencsener Bergen"=Mts.nr.Trenčín), SW-Ukraine, NC-Romania  
 =pseudograniger Reitter, 1896 "Trencsén"(=SW-Slovakia:Trenčín)  
 =ungensis Csiki, 1905 ?"Kom.Ung"(=W-Ukraine:Uzhgorod env.)  
 ~carpathicus Kolbe, 1913, nec Palliardi, 1825 "Szinever & Nadvorna"(=?Carpathians of W-Ukraine)  
 =enitens Kolbe, 1913 "Galicia"  
 =strictus Kolbe, 1913 "Galicia & Karpathen"

**ssp. sulinensis Born, 1902; ?non priority** NE-Romania("Letea nr.Sulina/Dunarea confluence"), Moldavia, Krym Peninsula  
 =semistriatus Fischer, 1823; priority "Caucasus"(error)  
 =scabridus Eidam, 1941 LNF(?Moskva, Ryazan', Kazan')

**ssp. emarginatus Duftschmid, 1812, nec Olivier, 1795; nbm** NE,NC-Italy, W-Slovenia, SW-Switzerland, SE-Austria, SE-Croatia, NW-Bosnia; ?"Krain"  
 ~affinis Duftschmid, 1812, nec Schrank, 1781  
 ~oblongus Sturm, 1815, nec Fabricius, 1792 LNF(?Italy/Slovenia/Austria borders region)  
 =dahli Heer, 1841 Alpi Orobie:Mt.Generoso  
 =duftschmidi Géhin, 1876; nom.pro affinis Duftschmid  
 =trentinus Kraatz, 1877 "Trient"(=Trento)  
 =bohatschi Reitter, 1881 Lago Maggiore  
 ~tridentinus Bertolini, 1887; ?iss of trentinus Kraatz  
 =penninus Lapouge, 1896 "Monte Rosa"  
 ~sequensi Beuthin, 1898; un CW-Croatia:Gospic  
 ~generoso Born, 1900; ?nud Alpi Orobie:Mt.Generoso(alpine form)  
 ~collaris Lapouge, 1902; un "S-Tyrolia:?"  
 =generosensis Born, 1906 Alpi Orobie:Mt.Generoso(alpine form)  
 =aurosplendens Born, 1910 ?SE-Croatia, ?NW-Bosnia  
 ~karstianus Bernau, 1911; un SW-Slovenia("Heidenschaft"=Ajdovščina)  
 ~tolminensis Bernau, 1911; un Italy/Slovenia:Isonzo valley:Tolmin env.  
 =luganensis Born, 1914 "Ticino:Locarno & Lugano"  
 =picciolii Bernau, 1915 "N-Appenines"  
 =ticinus Born, 1920 "Tessin"  
 =poschiavinus Born, 1922 Lombardia:Bernina Massif:Val Poschiavo  
 ~obscuripennis Mandl, 1961; un "Kärnten:Waidischthal:Hudajama-Graben"  
 ~planitalis Ghiretti, 1994; ?un Lombardia:Mantova

**ssp. carinatus Charpentier, 1825, nec Duftschmid, 1812; nbm** France, NW,NC-Spain, W-Switzerland("Genf"=Genève), W-Germany, Belgium, S-Holland  
 =fusus Palliardi, 1825 Savoie  
 =dolens Kraatz, 1879 "Pyrenees"  
 =tarnensis Géhin, 1885 Tarn  
 =aveyronensis Beuthin, 1895 Aveyron  
 ~nigrinus Beuthin, 1896, nec Motschulsky, 1865  
 ~pseudocarinatus Beuthin, 1896; un "Rheinland"  
 =astur Lapouge, 1898 "Asturia"  
 =celticus Lapouge, 1898 "Intérieur de France"  
 =crassus Lapouge, 1898 "Batz & Le Croisic"  
 =misellus Lapouge, 1898 "Margeride Mts."; alpine form  
 =pyrenaicus Lapouge, 1898 S-France:?  
 ~acicularis Lapouge, 1902; un "S-France"  
 ~asidoides Lapouge, 1902; un "S-France"  
 ~inornatus Lapouge, 1902; un  
 ~confinis Lapouge in Barthe, 1909; un  
 =progressivus Kolbe, 1912 "Westfalen"  
 ~subcarinatus Kolbe, 1912; un "Rheinprovinz"  
 =houlberti Bleuse, 1913 Ille-et-Vilaine  
 =nigellus Bleuse, 1913 Ille-et-Vilaine  
 ~ehlersi Bernau, 1915; un "N-Spain:Gorbea"  
 ~pyrenaicus Bernau, 1915; un; error for pyrenaicus Lapouge  
 ~simulator Everts, 1915, nec Kraatz, 1876  
 ~viridis Everts, 1918; un Holland:?  
 ~delaunayi Barthe, 1924; un Orne:Domfront  
 =eques Lapouge, 1925 "Navarra & Dep.Landes"  
 =pelissieri Darnaud, 1978 Bouches-du-Rhone:Arles:moor area

**ssp. graniger Palliardi, 1825** SW,C-Romania:Banat(Mehadia), Bihor; CE-Serbia  
 ~assimilis Duftschmid, 1812, nec Paykull, 1790 "Banat"  
 ~moestus Dejean, 1831, nec Duftschmid, 1812  
 =nicanor Haury, 1880  
 =muehlfeldi Géhin, 1885, nec Duftschmid, 1812 ?Retezat Mts.  
 =szobroniensis Géhin, 1885 ?SE-Romania:Comana  
 =basalis Beuthin, 1896  
 =biharicus Reitter, 1896  
 =rufoscapus Beuthin, 1896  
 =subgraniger Reitter, 1896 "Klausenburg"  
 ~ater Fleischer, 1898, nec Villers, 1789



=**coloripes** **Fleischer, 1898**  
=**nigripennis** **Fleischer, 1898**  
=**oxycancellatus** **Fleischer, 1898**  
=**mazurai** **Fleischer, 1910** C-Romania: "Retezat:Kimpuluinyag"(=Cimpu lui Neag W of Petroșani)  
=**disseptus** **Kolbe, 1913** "Moldova"  
~**fraternus** **Kolbe, 1913, nec Csiki, 1906**  
=**insperatus** **Kolbe, 1913** "Serbia"  
=**rbanyensis** **Bernau, 1913** "Banat:Resitzabanya"(=Reșița)  
=**resiczabanyensis** **Csiki, 1913; nom.pro rbanyensis Bernau**  
=**romaniensis** **Kolbe, 1913** "Romania"  
=**geta** **Lapouge, 1925; nom.pro szobroniensis Géhin**  
~**pompilii** **Savulescu, 1992; un** Banat:Topenia valley(=ca.24km NE Baile Herculane)  
=**bibanensis** **Lie, 1994** Banat:Semenic Mts.:Biban valley(=ca.30km S Caransebeș)

**ssp. excisus Dejean, 1826** Austria("Wien:Kahlen- & Leopoldsberges"), NE-Switzerland, S-Germany, Bohemia, S-Moravia  
=**verrucosus** **Heer, 1837** ?Switzerland  
~**marginatus** **Letzner, 1849; un**  
~**rufofemoratus** **Letzner, 1849; un**  
~**viridis** **Letzner, 1849; un**  
~**affinis** **Gistl, 1857, nec Schrank, 1781** München  
~**punctulatus** **Schaum, 1857, nec Schaller, 1783**  
~**cupreoaneus** **Dalla Torre, 1877; un** ?"Oberösterreich"  
~**rubrofemoratus** **Dalla Torre, 1877; un**  
~**viridiaeneus** **Dalla Torre, 1877; un**  
~**haematomerus** **Kraatz, 1879, nec Kraatz, 1878**  
=**letzneri** **Kraatz, 1879**  
~**rufipes** **Kraatz, 1879, nec DeGeer, 1774**  
~**femoralis** **Géhin, 1885, nec Motschulsky, 1865**  
~**sudeticus** **Schulz, 1901; un**  
=**superior** **Sokolar, 1907** Oberösterreich:Steyr env.  
=**brevituberculatus** **Roubal, 1909** ?"Bohemia"  
=**interior** **Sokolar, 1910**  
~**opolanus** **Bernau, 1910; un** C-Bohemia:"Opolan bei Podiebrad"(=Opolany nr.Poděbrady)  
=**pseudoemarginatus** **Bernau, 1910**  
=**thuringianus** **Born, 1911** "Thüringen"  
=**brdensis** **Sokolar, 1911** C-Bohemia:Brdy Mts.  
~**bavaricus** **Kolbe, 1912, nec Beuthin, 1896** Bayern:?  
=**spaneyi** **Kolbe, 1912** S-Germany:?  
=**transitivus** **Kolbe, 1912** "Thüringen"  
=**lapougeanus** **Langenhan, 1913** "Schweiz"  
=**planianensis** **Bernau, 1913** "Planian"(=?C-Bohemia:Plaňany W of Kolín)  
~**pseudobavaricus** **Bernau, 1913; un** Pfarrkirchen  
=**danubialis** **Bernau, 1915** S-Germany:?  
=**maderi** **Born, 1915** ?Wechsel Mts.  
~**tersculptus** **Fleischer, 1917; un** "Böhmerwald"(=S-Bohemia:Šumava Mts.)  
=**transversus** **Eidam, 1941** "Steiermark"  
~**baldianus** **Mandl, 1955; un**  
~**regressivus** **Poschinger, 1955; un**  
~**gotzi** **Mandl, 1964; un** Marchauen nr.Marchegg(=betw.Wien/Bratislava)  
~**hanauensis** **Niedl, 1964; un** SC-Germany:Hessen:Hanau  
~**kubinyii** **Mandl, 1964; un** Niederösterreich:Waldviertel:Gross-Pertenschlag, Sölling, Kasterslehen, Purgstall env.  
~**wirthumeri** **Mandl, 1964; un** Oberösterreich:Steyr:Reichraming & Kleiberggipfel nr.Schön-Klaus

**ssp. intermedius Dejean, 1826** S-Croatia:Dalmatia:Vrgorac; C,S-Bosnia, Herzegovina  
=**maximus** **Haury, 1880** Bosnia, NE-Croatia; ?LNF  
=**apfelbecki** **Born, 1904** Bosnia:?  
=**islamitus** **Born, 1904** Bosnia:Zepce  
=**livnensis** **Born, 1906** SW-Bosnia:Livanjsko Polje  
=**annisus** **Kolbe, 1913**  
=**duvnensis** **Bernau, 1914** Bosnia:Duvno Polje  
~**zoufali** **Fleischer, 1922; un**

**ssp. balcanicus Born, 1899** E-Serbia; Bulgaria("Stara Planina nr.Klisura"); ?Eur.Turkey:"Adrianopel"(=Edirne)  
=**kocae** **Born, 1910** "Serbia:Slavonia:?"  
~**dremskyi** **Breuning, 1928; un** S-Bulgaria:Rodopes("Hassa Korja"); alpine form  
=**simeoni** **Eidam, 1941**

**ssp. mimus Kolbe, 1913** Slovenia; SE-Austria, SW-Hungary("Satoristye")  
~**nigricornis** **Dejean, 1826, nec Fabricius, 1787** "S-Styria"  
~**ziegleri** **Kraatz, 1883, nec Duftschmid, 1812** ?LNF(unlabelled HT); ?"Styria"  
~**pseudocancellatus** **Fleischer, 1898; un** "Banat"(error)  
=**ambicornis** **Sokolar, 1907; nom.pro nigricornis Dejean**  
~**pustuliger** **Eidam, 1941; un** "Tyrolia:Ampezzo Tal:Schluderbach"  
~**neoziegleri** **Deuve, 1991; nom.pro ziegleri Kraatz, nec Géhin, 1876** ?LNF(unlabelled HT); ?"Styria"  
=**neoziegleri** **Deuve, 2003; nom.pro ziegleri Kraatz, nec Duft., 1812** ?LNF(unlabelled HT); ?"Styria"

**ssp. corpulentus Kraatz, 1880** Croatia, Montenegro:Dalmatian coast; ?LNF  
=**atroviridulus** **Müller, 1898** "Zara"(=Zadar)  
=**novaki** **Müller, 1898** "Vrana Lake"(=Vransko Lake)  
=**nudilabrus** **Müller, 1898** "Zara"(=Zadar)  
=**schatzmayri** **Born, 1912** "Pago Island"(=Pag)  
~**beszedesi** **Depoli, 1915; un** "Abbazia"  
=**ventricosus** **Bernau, 1915** "Budua"

**ssp. alessiensis Apfelbeck, 1901** N-Albania("Velipoja nr.Alessio")  
=**hypsobius** **Apfelbeck, 1918** "Nordalbanian Alps:Vunsaj env., karst, 1100-1800m"

**ssp. tibiscinus Csiki, 1905** Hungary(?"Tisa Lowland"), NE-Serbia, E-Austria, W,NC-Slovakia, CW-Romania:Timis  
~**soproniensis** **Dejean, 1826; nud** "Hungary:Oedenburg"(=Sopron)  
=**adeptus** **Kolbe, 1913** ?NW-Hungary  
=**electus** **Kolbe, 1913** ?W-Slovakia  
=**inceptus** **Kolbe, 1913** ?LNF  
=**nattereri** **Kolbe, 1913** "Temesvár"(=Timișoara)  
~**atricus** **Kolbe, 1913, nec Reitter, 1896** NC-Slovakia:Tatry Mts.

=**vogeli Breuning, 1933** NW-Hungary:Sopron  
=**budensis Csiki, 1946** Budapest env.:?Pilis Massif  
=**leithaicus Mandl, 1955** Burgenland:Leitha Mts.:?

**3.vagans Olivier, 1795** SE-France:Alpes-Maritimes, Var(Frejus); NW-Italy:Liguria  
~**liguricus Lapouge, 1898, nec Born, 1898** Var:Collobrières  
=**matheyi Born, 1917** Alpes-Maritimes:Grasse  
~**borni Barthe, 1921; un**  
=**ligustinus Csiki, 1927; nom.pro liguricus Lapouge** "Dep.Var"  
=**triglyphicus Ochs, 1965** Var:Collobrières

**CATHOPLIUS Thomson, 1875;** type species *Carabus asperatus* (Dejean)  
**species: 1**

**1.asperatus (Dejean, 1826)** Morocco:Atlantic coast; West Sahara

**ssp. asperatus (Dejean, 1826)** Morocco:Atlantic coast:Larache – Casablanca – Safi - Tensift valley; LNF  
=**cychrocephalus Fairmaire, 1858** "Morocco"

**ssp. stenocephalus Lucas, 1866** CW-Morocco:Tensift valley to Cap Rhir; "Mogador"(=Essaouira)  
~**laevior Escalera, 1914, nec Krynicki, 1830** "Azib el Arjaïat"  
=**escalerae Csiki, 1927; nom.pro laevior Escalera** "Azib el Arjaïat"  
~**minor Escalera, 1944, nec Kraatz, 1860** Agadir

**ssp. ifniensis (Zarco, 1941)** SW-Morocco:Sidi-Ifni to Oued Draa; ?Tiznit env.

**ssp. susicus Antoine, 1941** CW-Morocco:Cap Rhir to Oued Sous; Aglou

**ssp. aliai Escalera, 1944** SW-Morocco & West Sahara:"Jalúa Tantan a Dj.Uarksis"(=nr.Tan Tan) - El Aaiun - ?Boujdour  
=**mateui Espanol, 1944** Bir Tan-Tan

**HEMICARABUS Géhin, 1885;** type species *Carabus nitens* Linné  
**species: 4**

**1.macleayi Dejean, 1826** E,NE-Siberia; Far East, Korea; NE-China:Heilongjiang

**ssp. macleayi Dejean, 1826** E,NE-Siberia("Dauria"); Far East, Korea; NE-China:Heilongjiang  
=**splendidulus Semenov, 1888** E-Siberia:"Bai von Castries"(=De-Kastri S of Nikolaevsk-na-Amure)  
=**coreensis Breuning, 1933** N-Korea:?Paik-to-san(=Mt.Paektu-san N of Hyesan); ?Hoiryong

**ssp. amanoi (Imura, 2004)** N-Japan:Rishiri-to Island:Rishiri-zan

**2.nitens Linné, 1758** N,W,C-Europe:SW-France to Scandinavia; British Isles, Ukraine, W-Siberia  
=**aureus DeGeer, 1774**  
~**marginatus Voet, 1778, nec Linné, 1758**  
=**hookeri Nodier, 1821** Scotland  
~**aureomicans Letzner, 1850; un**  
~**virescens Letzner, 1850; un**  
=**pulchellus Brüggenmann, 1873; nom.pro nitens Linné**  
~**cupreus Westhoff, 1881, nec Linné, 1758**  
~**interruptus Westhoff, 1881, nec Fabricius, 1775**  
=**fennicus Géhin, 1885** ?Finland  
~**niger Semenov, 1886, nec Linné, 1761** Arkhangelsk  
=**subnitens Reitter, 1896**  
~**funnebris Csiki, 1927; un; nom.pro niger Semenov** Arkhangelsk  
~**willemsi (Culot, 1986); un**  
=**aquitaniensis Mollard, 1996** SW-France: near Arcachon  
?**bistrum Mollard, 1996; un** SW-France: near Arcachon

**3.serratus Say, 1825** C,SE-USA; S-Canada; North America(by Lindroth:N.Carolina:Ashville)  
=lineatopunctatus Dejean, 1826 North America  
~ligatus Kirby, 1837, nec Germar, 1824 Canada  
=canadensis Melsheimer, 1853; nom.pro ligatus Kirby Canada  
=tatumi Motschulsky, 1865 Hudson Bay  
=vegasensis Casey, 1914 New Mexico:Las Vegas

**4.tuberculosis Dejean, 1829; nom.pro tuberculatus Fischer** S,C-Siberia, Far East, Sakhalin, Korea, Japan;  
"Altay"  
~tuberculatus Fischer, 1827, nec Dejean, 1826 "Altay"  
=strophium Fischer, 1842 "Dzhungaria"  
=granosus Chaudoir, 1844 LNF  
=etholeni Mannerheim, 1849 Irkutsk  
~marginicollis Kraatz, 1886, nec Duftschmid, 1812  
=miyakei Okhura & Goto, 1960 ?Hokkaido

**CARPATOPHILUS Reitter, 1896;** type species Carabus linnaei Panzer  
**species: 1**

**1.linnaei Panzer, 1812** C-Europe, NE-Italy, Carpathians

**ssp. linnaei Panzer, 1812** C-Europe(Germany:Harz Mts.), Carpathians  
~angustatus Panzer, 1812, nec Fabricius, 1787 "Austria"  
=scopolii Dejean, 1826 "Wolhynien"  
~brunneofemoratus Letzner, 1850; un  
~cupreoareus Letzner, 1850; un  
~cupreus Letzner, 1850; un  
~nigricornis Letzner, 1850; un  
~obscurus Letzner, 1850; un  
~versicolor Letzner, 1850; un  
=hopffgartenianus Beuthin, 1885 "Transsylvania:Kerzeschora"  
=bescidensis Reitter, 1896 "Beskiden"(=N-Moravia:Moravskoslezské Beskydy Mts.)  
=ludovicus Dietl, 1896 "Rotenturmpass"(=C-Romania:Turnu Rosu Pass)  
=quadraticollis Petri, 1912 Romania:"Schässburg"(=Sighişoara)  
=quinquecostatus Petri, 1912 "Schässburg & Kronsdtadt"(=Romania:Sighişoara & Braşov)

**ssp. macairei Dejean, 1826** S-Carpathians:SW-Romania("Mts.of Banat")

**ssp. folgariacus Born, 1913** E-Alps:NE-Italy, Austria(? "Südtirol"); SE-Austria:Burgenland  
=transdanubialis Kenyery, 1983 Burgenland:Mt.Geschriebenstein  
=tauernensis Mandl, 1985 ?Rottenmanner Tauern

**TOMOCARABUS Reitter, 1896;** type species Carabus convexus Fabricius  
**species: 7**

**1.bessarabicus Fischer, 1823** S-Ukraine, Krym Peninsula; ?Moldavia; SW-Russia; SW,SC-Siberia

**ssp. bessarabicus Fischer, 1823** ?Moldavia("Bessarabia:Bender"); S-Ukraine; Krym Peninsula  
~tauricus Roeschke, 1897, nec Bonelli, 1811 Krym Peninsula

**ssp. concretus Fischer, 1823** SW-Russia("Sarepta"=lower Volga basin); Caucasus; SW,SC-Siberia  
=platyscelis Fischer, 1827 "Siberia"  
=melambaphus Fischer, 1832 "Kirgizsteppe"  
=steppensis Motschulsky, 1846 "Step.Kirgis., fl.Ischim"(LT)

**2.convexus Fabricius, 1775** Europe, British Isles, Balcans, Turkey, Russia, Caucasus, Kazakhstan, SC-Siberia

**ssp. convexus Fabricius, 1775** C,W,N-Europe(?Germany), British Isles, Russia, Caucasus, Kazakhstan; SC-Siberia:Barnaul  
=aemulus Fischer, 1823 Siberia: ?Tobolsk, ?Barnaul  
~striolatus Fischer, 1823, nec Fabricius, 1801 "Caucasus:N-slope"  
=simplicipennis Dejean, 1826 "Silesia"  
~gibbus Brullé, 1835, nec Fabricius, 1794  
=turcomannicus Motschulsky, 1850 "Turkmenia, Samarkand"(error)

~niger Letzner, 1850; un  
 ~violaceomarginatus Letzner, 1850; un  
 ~viridimarginatus Letzner, 1850; un  
 =oblongulus Motschulsky, 1865 "Alp.Cauc."(LT)  
 ~coeruleomarginatus Dalla Torre, 1877; un  
 ~viridimarginatus Dalla Torre, 1877; un  
 =merklII Hopffgarten, 1878 "Siebenburgen"  
 ~borealis Géhin, 1885, nec Paykull, 1790 "Sibérie"  
 =paganettii Born, 1905 S-Italy:Calabria:Sta.Eufemia d'Aspromonte  
 ~pyrenaicus Born, 1907, nec Lapouge, 1898 Pyrénées-Atlantiques:Valée d'Aspes  
 =barnaulensis Born, 1922 Siberia:Barnaul  
 =henseleri Bodemeyer, 1922 Frankfurt a.M.  
 =appenninus Depoli, 1927 ?"Appennines:Mt.Tresca"  
 =longobardus Depoli, 1927 "Lombardia"  
 =pyrenaicola Csiki, 1927; nom.pro pyrenaicus Born Pyrénées-Atlantiques:Valée d'Aspes  
 =antipai Panin, 1942 NE-Romania:Piatra Neamt:Varatec  
 =pseudogracilior Panin, 1942 S-Romania:?  
 =bucciarellii Mandl, 1966 Alpi Liguri:N of Savona:Mte.San Giorgio  
 ~confusus Tarrier, 1975; un Aude:Le Linas  
 =kiskunensis Adam & Merkl, 1986 ?SC-Hungary

**ssp. dilatatus Dejean, 1826** S-Europe, Balcans Peninsula, C-Europe:S-Austria; NE-Italy:Trieste env.; ?Carniola  
 =hornschuchi Hoppe & Hornschuch, 1825; spn Hohe Tauern:Heiligenblut  
 =perplexus Schaum, 1857 CE-Greece:"Attika & Parnass"(=Attike & Parnassos Massif)  
 =weisei Reitter, 1883 Adriatic Sea coast:Croatia, Bosnia; ?LNF  
 =rufulus Géhin, 1885 "High Balkan Mts."(=Stara Planina Mt.R.:C-part)  
 ~proximatus Reitter, 1896; un "Südbosnien"  
 =cernagorensis Apfelbeck, 1904 Bosnia:Volujak  
 =chionophilus Apfelbeck, 1904 Bosnia:?  
 ~latus Depoli, 1925, nec Linné, 1758 NW-Italy: Livorno env.:Abbazia  
 ~proximatoides Depoli, 1925; un NW-Italy: Livorno env.:Abbazia  
 =milusi Breuning, 1927 Adriatic Sea coast(numerous localities):S-Dalmatia, Montenegro, N-Albania  
 =athesinus Depoli, 1927 NE-Italy:Trentino:?  
 ~reductus Müller, 1930, nec Roeschke, 1896 ?"Dalmatia"

**ssp. moreanus Reitter, 1896** Peloponnesos(Taygetos Mts.); ?Euvoia Island

**ssp. rhinopterus Hampe, 1852** C,S,E,NW-Turkey, Armenia; LNF(?Armenia)  
 =salax Motschulsky, 1865 Amasya  
 =sultandaghensis Breuning, 1966 S-Turkey:Afyon:Sultan Dag:Cay env.  
 =immodicus Cavazzuti, 2006 NW-Turkey:Bursa:Ayva

**ssp. acutangulus Chaudoir, 1879** NE-Turkey:Erzurum, Giresun, Ordu, Trabzon  
 =mackaensis Korell & Cavazzuti, 1991 Trabzon:upper Degirmen Dere valley(=Macka env.)

**ssp. gracilior Géhin, 1885** SE-Bulgaria, Romania, NE-Greece, Eur.Turkey; "Transsylvania"  
 ~pygmaeus Géhin, 1885, nec Fabricius, 1792

**ssp. erzeliki Schweiger, 1962** NW,NC-Turkey:Bolu(Abant Mts.:grasslands above forest line), Ankara, Sinop  
 =abantayaginiensis Schweiger, 1962 Bolu:Abant Mts.(Abantayagi:forest zone)

**3.decolor Fischer, 1823** W,C-Caucasus("Iberia"); Armenia; NE-Turkey:Kars  
 =biseriatus Chaudoir, 1846 "C-Caucasus:Glola"  
 =marthae Reitter, 1896 "Circassia"

**4.marginalis Fabricius, 1794** NE,C-Romania; Mold., Ukr.; SW-Hung.:Nagybajom; NE-Poland("Prussia"); C-Siberia:Barnaul  
 =chrysochlorus Fischer, 1812 "S-Russia & Siberia"  
 ~decorus Seidlitz, 1891, nec Panzer, 1800 "Siebenburgen:Ratosnya"(=Rastolita; 46:59N/25:02E)

**5.rumelicus Chaudoir, 1867** C,E-Turkey, Syria, Lebanon, N-Israel, NW-Iran

**ssp. rumelicus Chaudoir, 1867** S,C,E-Turkey; "Rumelia"  
 ~cappadociae Breuning, 1933; un Kayseri("Caesarea")  
 ~guelekens Breuning, 1964; un Adana:betw.Pozanti/Gülek:Ak Dag  
 =zaraensis Breuning & Ruspoli, 1970 Sivas:betw.Zara/Koyulhisar:Serefeye env.

**ssp. kurdistanicus Eidam, 1931** CE-Turkey:Tunceli(Pülümür), Mus, Tatvan; NW-Iran  
 =kurdistanicola Deuve, 1990 "Armenia turcica:Wan"(=Van Lake env.)  
 =likbinensis Lassalle, 2006 W-Iran:Azerbaijan:4km E of Likbin

**ssp. syriensis Breuning, 1943** NW-Syria(Antilibanon Mt.R.:Hermon), Lebanon  
 =libanoticus Breuning, 1943 Lebanon:Djebel Sannin  
 =mendelsohni Schweiger, 1970 N-Israel:Antilibanon Mt.R.:Hermon env.

**6.scabripennis Chaudoir, 1850** Turkey, SW-Georgia

**ssp. scabripennis Chaudoir, 1850** E-Turkey:Trabzon, Erzurum; "Armenia"

**ssp. maljushenkoensis Breuning, 1967** Georgia:Borzhomi

**ssp. ponticola Deuve & Simard, 1977** Giresun:Kümbet Pass, 2000m  
~reticulatus Hampe, 1852, nec Fabricius, 1787

**ssp. microderus Chaudoir, 1867** SC-Turkey:Antalya, Konya, Mugla; "Anatolia"  
=ledereri Gautier des Cottés, 1868 "Taurus"  
=gautieri Géhin, 1885 ?"Taurus"  
=finikensis Lassalle, 1993 Mugla:Fethiye:Finik

**ssp. reductus Roeschke, 1896** NC-Turkey:Amasya  
=nocturnus Schweiger, 1969 Amasya:Merzifon  
=subreductus Breuning, 1977 "Sankiri"(=Çankiri)

**ssp. martaiellus Rapuzzi & Kleinfeld, 2000** NW-Turkey:Bolu:Abant Lake, 1500m

**ssp. kocaelicus Cavazzuti, 2006** NW-Turkey:Kocaeli:Kargaköy

**7.simardianus Deuve, 1990; inc; ?artifact** C-Turkey:Amasya; 1m

**EURYCARABUS Géhin, 1885;** type species Carabus numidus Castelnau = Carabus famini numidus Castelnau  
**species: 2**

**1.famini Dejean, 1826** Sicily, N-Algeria, Tunisia; N,C-Morocco

**ssp. famini Dejean, 1826** Sicily

**ssp. numidus Castelnau, 1835** NE,NC-Algeria:sea coast("Bone"); NW-Tunisia:Le Kef, Beja env.  
=varvasi Solier, 1835 Algiers env.  
=hipponensis Fairmaire, 1858 "Bone & Bougie"(=Bejaia)  
=oranensis Fairmaire, 1858 Oran(?error)  
=berberus Géhin, 1885 "Bougie"(=Bejaia)

**ssp. lucasi Gaubil, 1849; nom.pro rugosus Lucas** NE-Algeria:inland:Tebessa, Batna; NE-Tunisia:Tunis env.  
~rugosus Lucas, 1849, nec Fabricius, 1775 Algeria  
=gerardi Lallemant, 1868 Batna

**ssp. maillei Solier, 1835** NW-Algeria & NE-Morocco:Tialet-Mostaganem-Oujda-Melilla; "Barbaria"  
=peletieri Castelnau, 1835 "Oran"  
=microcephalus Gistel, 1857 "Barbaria"  
=lepeletieri Bedel, 1895; ?nom.pro peletieri Castelnau  
=pimelioides Lapouge, 1903 W-Algeria:"Frenda"  
~verrucosus Lapouge, 1903, nec Heer, 1837 Algeria:"Quarsenis"

**ssp. favieri Fairmaire, 1859** N-Morocco:Rif Mts(Tanger; inexact)  
=polychaeta Thomson, 1875 "Caucasus"(error)  
=otini Antoine, 1939 N-Morocco:SW of Taza:Tazeka Massif  
=grasselyi Antoine, 1941 NE-Morocco:Rif Mts:CE-part(Tizi Ifri)  
~tazekensis Antoine, in litt. Tazeka Massif:"Msoun"  
~tazaotanus (Cobos, 1961); un Rif Mts:E-part:Jb.Tazaot  
~ketamensis (Antoine, 1962); un Rif Mts:C-part:17 km Ketama:betw.Tétouan/Alhucemas:cedar forest  
~pardoi (Antoine, 1962); un Rif Mts:E-part:Ixmoart  
~saisensis (Kocher, 1965); un steppe plateau N of Fes:Sidi-Beurnoussi

**ssp. piraticus Fairmaire, 1880** CW-Morocco:Atlantic coast:Larache - Ribat - Dar el Beida  
=mogadoricus Escalera, 1914 "El Kureimat SE of Mogador"(=Atlas Mt.R.foothills SE of Essaouira)  
=zaianus Antoine, 1941 Oulmés(=Pays Zaer Zaiane area E of Dar el Beida)  
~mamorenensis (Kocher, 1964); un Foret de Mamora(=betw.Meknes/Kenitra)  
**ssp. fezzanus Lapouge, 1915** Morocco:Middle Atlas; "Fes"(inexact)  
=itoensis Antoine, 1939 N of Azrou:Ito plateau; betw.El Hajeb/Sefrou  
~nebulosus Antoine, 1939; un Middle Atlas:Ifrane  
~vermiculatus (Kocher, 1965); un Middle Atlas:Aguelmane Sidi-Ali, 2000m  
**ssp. atlantis Alluaud, 1923** Morocco:High Atlas:N-macroslope(NE-part:Tizi Machou)  
=mairei Antoine, 1925 High Atlas:"Dj.Aouldjid"(=Toubkal Massif)  
~dakkai (Kocher, 1965); un High Atlas:Agoudim:Masker Massif

**2.genei Gené, 1839** Corsica, Sardinia(Limbara Mts.)

=lacrymosus Lapouge, 1899 Corsica:Bastia  
=kraussei Born, 1908 Sardinia:Oristano

**NESAEOCARABUS Bedel, 1895;** type species *Carabus interruptus* Dejean = *Carabus abbreviatus* Brullé  
**species: 4**

**1.abbreviatus Brullé, 1835; nom. interruptus Dejean** Canarias:Teneriffe:N,C-part; "Madeira"(by error)  
~*interruptus* Dejean, 1831, nec Fabricius, 1775 "Madeira"(error)  
~*viridimicans* Enderlein, 1929, nec Kraatz, 1878 LNF (colour form)

**2.coarctatus Brullé, 1838** Canarias:Gran Canaria  
~*eliasenae* Uyttenboogaart, 1937; un LNF (colour form)

**3.faustus Brullé, 1838** Canarias:Teneriffe:N-part

**ssp. faustus Brullé, 1838** Canarias:Teneriffe:NE,NC-part, Anaga Massif

**ssp. cabrerai Enderlein, 1929** Canarias:Teneriffe:NW-part:Teno Massif  
=*tenoinus* Enderlein, 1929 Teneriffe:NW-part:Teno Massif

**4.gomerae A.Müller, 2004** Canarias:La Gomera Island:La Atalaya env.

**TMESICARABUS Reitter, 1896;** type species *Carabus cristoforii* Spence  
**species: 1**

**1.cristoforii Spence, 1823** Pyrenees:N-Spain, S-France(Hautes-Pyrénées:Pic du Bréveu), Andorra  
=*nicolasi* Reitter, 1888 Pic de Néré  
~*obtritus* Lapouge, 1898, nec Chaudoir, 1857  
~*rufipes* Nicolas, 1898, nec DeGeer, 1774 Pic de Néré  
=*beuthini* Schulz, 1899 "Pyrenees"  
~*clarissimus* Meyer, 1996; un

**CAVAZZUTIOCARABUS Imura, 1998;** type species *Carabus latreilleanus* Csiki  
**species: 1**

**1.latreilleanus Csiki, 1927; nom. latreillei Dejean; ?non priority** W-Alps:NW-Italy, S-Switzerland:Alpi  
Pennine; "Alps of Piemonte"  
~*latreillei* Dejean, 1826, nec Fischer, 1822 "Alps of Piemonte"  
=*bremii* Stierlin, 1881; ?un; ?priority  
=*neglectus* Kraatz, 1887  
=*schilskyi* Kraatz, 1887

**ORINOCARABUS Kraatz, 1878;** type species *Carabus sylvestris* Panzer  
**species: 7**

**1.alpestris Sturm, 1815** E-Alps:NE-Italy:Alpi Carniche, Dolomiti, Adamello Massif; Slovenia; S-Austria



**ssp. alpestris Sturm, 1815** E-Alps:NE-Italy:Alpi Carniche; Dolomiti:N-part; Slovenia; SC,C-Austria(Schneeberg) **=olivaceus Géhin, 1876**  
=*illyricus* Kraatz, 1878 ?"Illyria"  
~*hickeri* Breuning, 1927; un "Böses Weibele"(=Lienz)  
**ssp. hoppei Germar, 1824; ?iss of hoppii Germar** E-Alps:NE-Italy:Alto Adige; S-Austria:Tirol, Salzburg, Karnten; "Austria"  
~*hoppii* Germar, 1824; ?*cos of hoppei* Germar  
=*tyrolensis* Kraatz, 1876 Tirol:Zillertaller Alpen:Hocheder  
=*brevicornis* Kraatz, 1878  
~*puncticollis* Kraatz, 1878, nec Paykull, 1798  
~*niger* Schilsky, 1888, nec Linné, 1761 Zirbitzkogel  
~*viridis* Schilsky, 1888, nec Dejean, 1826 Zirbitzkogel  
=*rottenmannicus* Sokolar, 1907 Rottenmanner Tauern:Steinamandl  
~*confluens* Born, 1913, nec Fischer, 1827 Rottenmanner Tauern:Hochschwung  
~*tauernicus* Csiki, 1927; un; nom.pro confluens Born Rottenmanner Tauern:Hochschwung  
=*latschuranus* Born, 1921 Kalkalpen:Latschur

**ssp. dolomititanus Mandl, 1956** NE-Italy:Dolomiti:Mt.Plose

**ssp. adamellicola Ganglbauer, 1904** NE-Italy:Adamello Massif(Mt.Frerone & Val di Leno), Brenta Massif

**2.bertolinii Kraatz, 1878** NE-Italy:Dolomiti("Malga Fornasa"=?Colle di Fornace); Belluno env.  
=*cavallensis* Bernau, 1914 Belluno env.:Mt.Cavallo

**3.castanopterus A.& J.B.Villa, 1833** NC-Italy/S-Switzerland:Alpi Orobie; Bernina Massif; "Alps of Lombardia"  
=*putzeysianus* Géhin, 1876; nom.pro *putzeysi* Thomson "Alpes Helvetiae"(LT)  
~*putzeysi* Thomson, 1875, nec Mors, 1863 "Alpes Helvetiae"(LT)  
=*lombardus* Kraatz, 1878 Lombardia:?  
=*danieli* Reitter, 1896 Alpi Orobie:Val Arigna  
=*mesolcinus* Born, 1906 Switzerland:passo della Forcola  
=*montarerae* Bernau, 1914 Alpi Orobie:Mt.Arera

**4.concolor Fabricius, 1792** Italy/Switzerland:Trentino; Alpi Pennine, Alpi Lepontine, Berner Alpen

**ssp. concolor Fabricius, 1792** Italy/Switz.:Trentino; Alpi Pennine, Berner Alpen; "Germany:Halsatia"(=?Alsace; error)  
~*alpinus* Dejean, 1826, nec Paykull, 1790 "Alps of Italy & Switzerland"(=Alpi Pennine)  
=*amplicollis* A.& J.B.Villa, 1844 "Lombardische Alpen"  
=*bernhardinus* Kraatz, 1878 Italy/Switzerland:Gr.St.Bernhard Pass  
=*mimethes* Kraatz, 1878 Mte.Rosa  
~?*minor* Kraatz, 1878, nec Kraatz, 1860  
=*bernensis* Born, 1895 Switzerland:?"Berge links des Haslitalen von der Grimsel bis zum Urbachtal"v **ssp. lepontinus Born, 1908** NW-Italy:Alpi Lepontine

**5.fairmairei Thomson, 1875** W-Italy:Alpi Cozie, Alpi Graie; SE-France:Savoie

**ssp. fairmairei Thomson, 1875** NW-Italy:Alpi Graie:Val Orco-Val Stura-Dora Riparia; "Pyrenees"(error)  
=*cenisius* Kraatz, 1878 Mt.Cenis Massif  
=*sellae* Kraatz, 1878 LNF  
=*sturensis* Born, 1899 Alpi Graie:Colle della Pietra Scritta  
~*mauriennensis* Carret, 1904; un  
=*nigrocyanescens* Carret, 1904

**ssp. ceresiacus Born, 1896** NW-Italy:Alpi Graie:Alpe Piane:Ceres env.

**ssp. iseranicus Deuve & Simard, 1977** SE-France:Savoie:Iseran Massif(Col de l'Iseran, 2500m)

**ssp. baudii Kraatz, 1878** W-Italy:Alpi Cozie:upper Pellice & Po valley(Mte.Viso)  
=*fairmairei*: auct., non Thomson

**ssp. stecki Born, 1902** SE-France, NW-Italy:Alpi Cozie:Col Longet, Col de Mary

**ssp. pelvicus Cavazzuti, 1973** NW-Italy:Val Varaita(Mt.Pelvo d'Elva)

**ssp. heteromorphus Daniel, 1896** NW-Italy:Alpi Graie:Monte Rosa Massif(Col Nuovo)

**ssp. fenestrellanus Beuthin, 1899** NE-Italy:Alpi Cozie:Col di Finestre, Albergian, Sestrierres  
~*cavazzutii* Raynaud, 1971; un

**6.pedemontanus Ganglbauer, 1892** SE-France & NW-Italy:Alpes-Maritimes, Alpi Liguri, Alpi Cozie

**ssp. pedemontanus Ganglbauer, 1892** NW-Italy:Alpi Liguri(Mt.Jurin:Val Pesio; LT); Alpi Marittime  
=*tendanus* Born, 1898 Alpi Marittime:Col di Tenda env.

**ssp. omensis Born, 1901** NW-Italy:Alpi Marittime:Val Maira-Val Stura; Mt.Omo & Mt.Baudia

**ssp. bisioi Cavazzuti & Meli, 1999** NW-Italy:Alpi Cozie:betw. Maira/Varaita valley(Colle di Bellino)

**ssp. maurinensis Deuve, 2002** SE-France:Alp.Hte.Prov.:Alpes Cottiennes:Maurin(=Col de Sautron, ~44:29N/06:53E)

**ssp. germanae Casale & Cavazzuti, 1977** NW-Italy:Alpi Maritime:Cuneo:Mt.Saccarello; Mt.Fronte

**ssp. raynaudianus Deuve & Simard, 1977** SE-France:Alpes-Maritimes:Colle Lunga

**ssp. vesubianus Deuve, 2002; nom.pro maritimus Schaum** SE-France & NW-Italy:Alpes-Maritimes:Val Stura-Col de Tenda; LNF (unlabelled LT)

~maritimus Schaum, 1856, nec Motschulsky, 1850 LNF (unlabelled LT; originally "Seealpe"=Alpes Maritimes)  
=putzeysianus: auct., non Géhin

**7.sylvestris Panzer, 1793** C-Europe:Alps; Slovenia, Carpathians

**ssp. sylvestris Panzer, 1793** C-Europe:C,W-Alps:France, Switzerland; C-Germany(Harz Mts.), Bohemia, Moravia

~concolor: Panzer, 1809, non Fabricius, 1792 ?"Harz"

=nivosus Heer, 1837 "High Alps of Switzerland"

~nivalis Heer, 1841; un; error for nivosus Heer

~aeneus Letzner, 1850; un

~aeruginosus Letzner, 1850; un

~brunneus Letzner, 1850; un

~detritus Letzner, 1850; un

~purpurascens Letzner, 1850; un

~virescens Letzner, 1850; un

=sylvinus Gistel, 1857 Tirol

=thuringianus Schilsky, 1880 "Thüringen"

=raxicola Reitter, 1896 Raxalpe

=silesiacus Reitter, 1896 "Oberschlesien"

~extroversus Lapouge, 1903; un

=hortensoides Sokolar, 1910 Stifserjoch

=micklitzii Sokolar, 1910 "Alps of Nieder- & Oberösterreich"

~blumenthalianus Mandl, 1963; un Harz:Bruchberg-Hochmoor

=slabai Niedl, 1968 S-Bohemia: Babylon nr. Domažlice

=guyicolasi Deuve & Simard, 1976 CW-Switzerland:Jura:Colle d'Aiguillon

**ssp. transsylvanicus Dejean, 1826** Carpathians; "Transylvanian Alps"

=polonicus Motschulsky, 1850 "Polonia"

~glacialis Miller, 1859, nec Gautier des Cottés, 1859 Tatra Mts.(=Slovakia:Tatry Mts.)

=milleri Thomson, 1875; nom.pro glacialis Miller Tatra Mts. (=Slovakia:Tatry Mts.)

=tatricus Reitter, 1896 ?"Hohe Tatra"(=Slovakia:Vysoké Tatry Mts.)

~ligneus Lapouge, 1903; un

=caraimanicus Marcu, 1934 Romania:?Caraiman Mts.

~giumaleuensis Marcu, 1934; un Romania:?Giumalau Mt.R.

**ssp. redtenbacheri Géhin, 1876; nom.pro angustatus Redtenbacher** E-Alps:SE-Austria(Schneeberg), Slovenia

~angustatus Redtenbacher, 1849, nec Fabricius, 1787 SE-Austria:Schneeberg

=kolbi Breuning, 1927 Slovenia:"Triglav Massif & Steiner Alpen"(=Kamniške Alpe)

**ssp. haberfelneri Ganglbauer, 1892** E-Alps:SE-Germany, NC-Austria(Niederösterreich:Ötscher & Dürrenstein)

~cupreoaeeneus Dalla Torre, 1877; un

~nigroaeeneus Dalla Torre, 1877; un

~viridiaeneus Dalla Torre, 1877; un

~fallax Sokolar, 1910, nec Olivier, 1795 "E-Central Alps"

=petzianus Born, 1911 Dachstein

~vafer Csiki, 1927, nec Duftschmid, 1812; nom.pro fallax Sokolar "E-Central Alps"

=neovafer Deuve, 2002; nom.pro vafer Csiki "E-Central Alps"

**OREOCARABUS Géhin, 1876;** type species Carabus errans Gory = Carabus amplipennis Lapouge

**species: 5**

**1.amplipennis Lapouge, 1924; ?non priority** NW-Spain; N-Portugal

**ssp. amplipennis Lapouge, 1924; ?non priority** NW-Spain; ?"N-Spain"

~errans Gory, 1839, nec Fischer, 1823 Sierra de Caniza

~femoralis Beuthin, 1885, nec Motschulsky, 1865

=luetgensii Beuthin, 1886; nom.pro femoralis Beuthin; ?un;?priority

=pedator Reitter, 1887

=oliveirae Csiki, 1927; nom.pro errans Gory Sierra de Caniza

**ssp. getschmanni Lapouge, 1924** NW-Spain:Leon, Cantabrian Mts.

**ssp. pseudosteuarti Lapouge, 1924** N-Portugal

~steuarti Heyden, 1880, non Deyrolle, 1852

**2.carinthiacus Sturm, 1815** E-Alps:NE-Italy; S-Austria; C-Austria:Rottm.Tauern; Slovenia(Karavanke:Zelenica), Bosnia  
=mollii Dejean, 1826  
~borni Csiki, 1905, nec Meyer-Darcis, 1902 Bosnia:?  
=moosbruggeri Born, 1913 Rottenmanner Tauern:?  
=friaulicus Born, 1914 Mt.Cavallo & Musič nr.Bergogna  
=kendii Csiki, 1926; nom.pro borni Csiki Bosnia:?

### 3.ghiliani La Ferté-Sénéctere, 1847 C-Spain

**ssp. ghiliani La Ferté-Sénéctere, 1847** C-Spain:Madrid, Segovia:Sra.Guadarrama & Sra.Gredos; Spain

**ssp. negrei Breuning, 1966** C-Spain:Salamanca:Sierra de Bejar

### 5.guadarramus La Ferté-Sénéctere, 1847 C,NC,E-Spain(Sierra Guadarrama)

=duerensis Raynaud, 1974 Soria:Molinos de Duero  
~sagranus Bra?es, 1985; un SE-Spain:Granada:Sierra de Sagra, Sierra de Segura  
~hirschfelderi Bra?es, 1987; unCW-Spain:Salamanca:Navasfrias, Pto de Perales, S.Martin de Trevejo  
=andiaensis Forel & Leplat, 1998 NE-Spain:Navarra:Sierra de Andia  
=guadalupensis Mollard, 2003 W-Spain:Caceres:betw.Canamero/Berzocana:Sierra de Guadalupe

### 6.hortensis Linné, 1758 C,N,E-Europe; Scandinavia; Eur.Russia; Balcans

**ssp. hortensis Linné, 1758** C,N,E-Europe; Scandinavia; Eur.Russia; Bulgaria; Bosnia, Montenegro  
=striatus DeGeer, 1781  
=gemmatus Paykull, 1790  
~cupreoareus Dalla Torre, 1877; un  
~viridiaureus Dalla Torre, 1877; un  
~alternans Kraatz, 1878, nec Fabricius, 1792  
=duerckianus Ganglbauer, 1890 München  
~kelecsenyi Lapouge, 1903; un  
~herzegowinensis Apfelbeck, 1904; un "Herzegovina & Montenegro"  
=rhodopensis Apfelbeck, 1904  
~sobotkaensis Sulc, 1907; un E-Bohemia:Sobotka  
=ostariensis Born, 1912 Croatia:Ostaria  
=starygradensis Born, 1912 Bosnia:Starygrad  
=pillichi Bernau, 1914 Hungary:Komitat Tolna  
~magdeleinei Lapouge, 1922, nec magdelainei Bleuse, 1914"Macedonia:Florina"(=N-Greece:Makedonía:Florina)  
=dofleini Csiki, 1927; nom.pro magdeleinei Lapouge "Macedonia:Florina"(=N-Greece:Makedonía:Florina)

**ssp. preslii Dejean, 1830** S-Greece:Peloponnesos("Morea"); Greek Islands:Kerkyra, Kefallinia, Zakynthos  
~jonicus Apfelbeck, 1904; un "Korfu"(=Kerkyra)  
=pecoudellus Deuve, 1998 "Peloponnesos:Panakaikon"(=?Panachaikon Massif SW of Patra)

**ssp. neumeyeri Schaum, 1856** Adriatic Sea Coast; NW-Albania; S-Italy:Calabria; C-Greece; "Dalmatia & Montenegro"  
=walteri Reitter, 1896 Croatia:"Sutomore"  
=huemmleri Beuthin, 1899  
=calabrus Fiori, 1903 S-Italy:Calabria  
~pindicus Apfelbeck, 1904; un C-Greece(?Pindos Mts.); Albania  
~albanicola Breuning, 1964; un "Albania:Llogora"  
~hilleri Mandl, 1964; un S-Albania:Reza Kanalit:Logara

## CYTILOCARABUS Reitter, 1896; type species Carabus cribratus Quensel

species: 2

### 1.cribratus Quensel, 1806 Caucasus; Caucasus Minor; NC-Armenia; Turkey

**ssp. cribratus Quensel, 1806** Caucasus; Caucasus Minor; NC-Armenia; E-Turkey:Artvin, Kars, Rize,Trabzon; "South Russia"  
~foveolatus Adams, 1817, nec Duftschmid, 1812  
~scrobiculatus Fischer, 1822, nec Fabricius, 1801  
=orientalis Osculati, 1844 "Ararat"  
=remotus Reitter, 1888 "Circassia"  
~montisimeretis Mandl, 1964; un Caucasus Minor:Adzharo-Imeretinsky Mt.R.(=Meskhetsky Mt.R.)  
=farineli (Machard, 1975) NE-Turkey:Trabzon:Soganli Pass N of Bayburt  
=bilmenekus Lassalle, 1996 NE-Turkey:Rize:Ovit Pass

**ssp. schubertianus Breuning & Ruspoli, 1974** CE-Turkey:Bitlis(Tatvan)  
=negreianus Deuve, 1994 Bitlis:Reşadiye

**ssp. pulumuricus Cavazzuti, 1994** CE-Turkey:Tunçeli:Pülümür env.(pass N of Pülümür), Ovacık; Bingöl:Karasu Dag

**ssp. harambureae Breuning & Ruspoli, 1974** SC-Turkey:Iğel:Bolkar Dag(?error)

**ssp. maironei Cavazzuti, 1994** NC-Turkey:Tokat:Camlibel Pass betw.Tokat/Yildizeli

**ssp. echarouxi Lassalle, 1996** NW-Turkey:Bolu:Koroglu Dag

**ssp. porrectangulus Géhin, 1885** E-Turkey:Trabzon, Bayburt, Giresun, Ordu; "Pontic Alps"  
=**tazieffi Breuning & Ruspoli, 1969** Ordu:Gölköy(pass betw.Gölköy/Mesudiye), Mesudiye, Koyulhisar  
=**arpaalaniensis Machard, 1985** Ordu:betw.Mesudiye/Koyulhisar:Arpaalani

**ssp. ispiriacus Deuve, 1993** NE-Turkey:Erzurum:betw.Ispir/Ikizdere Pass(=betw.Ispir/Ovit Pass)

**ssp. staneki Štěrba, 1931** NC-Turkey:Kastamonu:Ilgaz Dag Massif  
=**kreissli Schweiger, 1964** Kastamonu:Ilgaz Dag Massif

**ssp. yaraligozi Battoni, 1982** NC-Turkey:Kastamonu:Yaraligöz

**ssp. graziolii Cavazzuti, 1987** NW-Turkey:Bolu:Yedigöller

**ssp. mahouxi Ledoux, 1972** CE-Turkey:Van:28km N Baskale

**ssp. ciloensis Deuve, 1994** SE-Turkey:Hakkari:Cilo Dag, 2700m; 1f

**2.gemellatus Ménétries, 1832** N-Iran:Elborz Mt.R.; Azerbaydzhan:Lenkoran; "Mts.of Talysh"  
=**ingratus Lapouge, 1907** "Elbrus"(error for Elborz Mt.R.)

**PACHYSTUS Motschulsky, 1865;** type species *Carabus hungaricus* Fabricius  
**species: 6**

**1.cavernosus Frivaldsky, 1837** S-Balcans, C-Italy

**ssp. cavernosus Frivaldsky, 1837** Serbia, Bosnia, Macedonia, Albania, Bulgaria, Romania:Alba; "Rumelia"  
=**sterbai Breuning, 1936**  
~**cavernosulus Mandl, 1961;** **un** Bulgaria:Stara Planina Mt.R.:Mt.Botev, 2370m

**ssp. variolatus Costa, 1839** C-Italy:Abruzze Mts.(Gran Sasso Massif)  
=**rosti Beuthin, 1885**  
=**seriatofoveatus Reitter, 1896**

**2.glabratus Paykull, 1790** NW,C,E-Europe; Scandinavia, Kola Peninsula; N-Italy, Romania, Carpathians; ?NW-Siberia

**ssp. glabratus Paykull, 1790** NW,C,E-Europe, Scandinavia, Kola Penins.; W-Romania; ?NW-Siberia; "Finland & Dalmatia"  
=**laevigatus Scriba, 1790; spn**  
~**ater Letzner, 1850; un**  
~**coerulescens Letzner, 1850; un**  
~**virescens Letzner, 1850; un**  
=**extensus Kraatz, 1885** SW-Romania:Orsova  
=**punctatocostatus Hauri, 1885** "Galicia"  
=**lapponicus Born, 1909** NW-Eur.Russia:"Lapland"  
~**angustatus Petri, 1912, nec Fabricius, 1787** "Siebenburgen"  
=**liebleri Bierig, 1918** Ukraine:"Galicia:Brody"  
~**sericeus Csiki, 1945, nec Forster, 1771**

**ssp. gibbosus Heyden, 1866** C,SE-Romania("Banat"); Serbia, ?Bosnia, Croatia, Slovenia; SE,SC-Austria  
~**breviusculus Kraatz, 1885, nec Kraatz, 1876** "Siebenburgen:Kapellenberge"  
=**carinthianus Born, 1915** "Alpen von Kärnten"  
=**ottofischeri Bodemeyer, 1928** Kärnten:Koralpe

**ssp. latior Born, 1895** N-Italy ("Piemonte")  
=**subglabratus Reitter, 1896** "Bozen"(=Bolzano)

**3.graecus Dejean, 1826** Greece, Bulgaria, Albania, Macedonia, S-Romania, Turkey

**ssp. graecus Dejean, 1826** S,C-Greece; "Greek Islands"

**ssp. trojanus Dejean, 1826** Andros, Tinos, ?Crete; "Mytilene"(=Lesvos; by error)  
=**hormuzakii Born, 1907** "Bukowina"(error)

**ssp. kykladensis Breuning, 1961** Kyklades:Naxos, Thira, Milos, Paros

**ssp. morio Mannerheim, 1830, nec Duftschmid, 1812; nbm** Turkey(Kop Dag nr.Bayburt); S,CE-Romania; Bulgaria; Albania, Macedonia, NE-Greece  
=**carceli Gory, 1833** "Smyrna"(=İzmir)  
~**olivieri Castelnau, 1835, nec Dejean, 1826** "Orient"  
~**acuminatus Ménétriés, 1836, nec Olivier, 1790** "Turkey"  
~**aethiops Cristoforis & Jan, 1837, nec Panzer, 1797** "Bosporus"  
=**cavernicola Kraatz, 1880** "Dobrudzha"  
=**thessalonicensis Apfelbeck, 1904** NE-Greece:Thessalonike  
~**winkleri Breuning, 1933, nec Weyenberg, 1869** S-Albania:"Maj'e Tartarit"  
=**neowinkleri Deuve, 1991; nom.pro winkleri Breuning** S-Albania:"Maj'e Tartarit"  
=**muglanus Cavazzuti, 2006** SW-Turkey:Mugla:Kafaca

**ssp. ganymed Heinz, 1975** E-Turkey:Tatvan env.(Pass W of Tatvan)

**ssp. oertzeni Ganglbauer, 1888** Karpathos Island

**ssp. irmasanus Heinz & Korge, 1967; nom.pro felix Heinz & Korge** S-Turkey:Antalya:Toros Dag:Irmasan Pass  
~**felix Heinz & Korge, 1967, nec Semenov & Znojko, 1931** Antalya:Toros Dag:Irmasan Pass

**ssp. mazzii Cavazzuti, 1992** SC-Turkey:Konya:Ovacik Dag Mts.

#### 4.hungaricus Fabricius, 1792

SE-Europe, Ukraine, S-Russia, E-Caucasus, Altays, Sayans, Siberia  
**ssp. hungaricus Fabricius, 1792** Hungary, SW-Slovakia, E-Austria, SE-Moravia, SW-Romania; ?"Hungary"  
=**viennensis Kraatz, 1877** NE-Austria:Wien  
~**frivaldskyanus Breuning, 1933; un** SW-Romania:"Temesvar"(=Timisoara)

**ssp. mingens Quensel, 1806** SW-Russia:Stavropol; E-Caucasus, Dagestan(Kisljar)  
=**vomax Dejean, 1826**

**ssp. gastridulus Fischer, 1823** Krym Peninsula, S-Ukraine; "Gouv.Taurien"(=Krym)  
=**maeotis Fischer, 1823** "Asov Sea coast"

**ssp. scythus Motschulsky, 1847** Ukraine:Odessa,"Ekaterinoslav"(=Dnepropetrovsk; LT); W-Russia:Voronezh, Saratov

**ssp. cribellatus Adams, 1812** Siberia:Ural-Yakutsk; Altays, Sayans; "Ostsiberien"  
=**perforatus Fischer, 1822** "Ural"  
~**thoracicus Germar, 1824, nec Thunberg, 1784**  
=**variolaris Ménétriés, 1849** "Kisilkum"(=Kyzyl-kum desert)

#### 5.pisidicus Peyron, 1854

SC-Turkey:Antalya, Konya, Isparta  
**ssp. pisidicus Peyron, 1854** SC-Turkey:Antalya, Konya, Isparta; "Caraman"(=ca.40km NW Antalya)

**ssp. samai Cavazzuti & Rapuzzi, 1998** SC-Turkey:Antalya/Konya:Alacabel Pass, 1850m; Konya:Tarasci, 1850m

#### 6.tamsi Ménétriés, 1832

Armenia, Azerbaydzhan, N-Iran:Gilan; ?E-Turkey  
**ssp. tamsi Ménétriés, 1832** Armenia, Azerbaydzhan("Talysh"), N-Iran:Gilan; ?E-Turkey

**ssp. dashtensis Heinz, 1970** N-Iran:Gilan:S of Langerud:Kelishum, 2000m

**ssp. eckerleini Heinz, 1970** N-Iran:Gilan:Masuleh, 1800m

### MESOCARABUS Thomson, 1875;

Herbst

**species: 5**

#### 1.dufouri Dejean, 1829

S-Spain  
**ssp. dufouri Dejean, 1829** S-Spain:Cordoba, Granada; "S-Spain & Tanger"(?error)  
=**rosalesi Reiche, 1863** Cordoba

~**papillatus Lapouge, 1902; un** Gibraltar  
~**scaber Lapouge, 1902; un** Granada  
=**salebrosus Csiki, 1927; nom.pro scaber Lapouge** Granada  
~**granadensis Bra?es, 1987; un** Granada:Purullena

**ssp. baguenai Breuning, 1926** SE-Spain:Almeria, Granada, Murcia; ?Almeria:Águilas

## 2.lusitanicus Fabricius, 1801 Portugal, Spain, SW-France:Pyrenées-Atlantiques

**ssp. lusitanicus Fabricius, 1801** Portugal; CW-Spain:Salamanca: CW-part  
=egesippe La Ferté-Sénectere, 1847 N-Portugal: "Oporto" (=Porto)  
=schaumi Gaubil, 1849 "Portugal"  
=hellwigi Schaum, 1862  
=descensus Schaufuss, 1871  
=vieirae Oliveira, 1875 CW-Portugal: Leiria  
=mediotuberculatus Schaufuss, 1882  
=sabrosensis Reitter, 1896 N-Portugal: Sabrosa  
=?vivesi Jeanne, 1973  
~almanzaensis Meyer & Mollard, 2000; nud Leon: S of Almanza  
=almanzaensis Meyer & Mollard in Deuve, 2003 Leon: S of Almanza

**ssp. castilianus Dejean, 1826** CW-Spain: Salamanca: N-part (Los Santos)  
=bolivari Breuning, 1926 Salamanca: S-part (Bejar); Caceres: N-part; Avila: S-part  
=fuentei Breuning, 1926 Salamanca: SW-part (Sierra de la Pena de Francia)

**ssp. breuningi Csiki, 1927; nom.pro kricheldorffi Breuning** NW-Spain: Orense (Sierra de Queija), Zamora  
~kricheldorffi Breuning, 1926, nec Le Moul, 1913 Orense: Sierra de Queija

**ssp. brevis Dejean, 1826, nec Duftschmid, 1812; nbm** C-Spain: Avila, Madrid, Guadalajara, Segovia, Burgos, Soria, Logrono, Cuenca, Teruel  
~complanatus Dejean, 1826, nec Linné, 1767 Castrogeriz nr. Burgos  
=albarracinus Ganglbauer, 1886 Teruel: Sierra de Albarracin  
=aragonicus Ganglbauer, 1886 Zaragoza: Sierra de Moncayo: San Martin de Moncayo  
=complantus Morawitz, 1890 ?Avila; ?Burgos: Castrojeriz  
~logronicus Breuning, 1926; un Logrono: ?  
=sorianus (Jeanne, 1972) Soria: Puerto de Oncala, 1450m  
~guardoensis Meyer & Mollard, 1996; un Palencia: W of Guardo: Prado de Guzpena  
=guardoensis Meyer & Mollard in Deuve, 2003 Palencia: W of Guardo: Prado de Guzpena

**ssp. helluo Dejean, 1826** CE-Spain: Alicante, Valencia, Teruel, Castellon; ?"Spain"; ?"near Guadarrama, ?"S.de Albarracin"  
=alicantinus Ganglbauer, 1886 "Alicante"

**ssp. latus Dejean, 1826, nec Linné, 1758; nbm** SW, SC-Spain (Caceres: Navalmoral de la Mata); CW-Portugal  
=lucotii Castelnau, 1832  
=gougeleti Reiche, 1863 "Malaga & Córdoba"  
=leptopus Thomson, 1876  
=alcaracinus Kraatz, 1886 Albacete: ?betw. Alcaraz/Riopar; ?Ciudad Real: Pozuelo de Calatrava  
=portalegrensis Reitter, 1896 CW-Portugal: Portalegre  
~molossoides Lassalle, 1984; un Caceres: NE-part: Piornal  
~nevadensis Brañas, 1989; un Granada: Guadix

**ssp. antiquus Dejean, 1826** S-Portugal; CW-Spain: Caceres/Badajoz: W-part; "Hispania"  
=mertolaensis Breuning, 1975 S-Portugal: betw. Beja/Faro: Mertola

**ssp. trabuccarius Fairmaire, 1857** NE-Spain: Tarragona, Barcelona; Huesca: NE-part; Pyrenées-Or.: Col de Perthus (?error)  
=catalonicus Ganglbauer, 1886 Barcelona  
~problematicusoides Tarrier, 1974; un; ?hyb Barcelona: Collado d'Estenalles; ?hyb lusitanicus/problematicus  
=trypalsi Breuning, 1975 Huesca: Mont Perdu Massif: E-slope: Plan de Trypals, 2000m  
~troncedoensis Meyer & Mollard, 1990; nud Huesca: Troncedo N of Barbastro  
=benabarrensensis Meyer & Mollard, 1996 Huesca: Calvera N of Benabarre; LT  
=galardonensis Meyer & Mollard, 1996 Huesca: Sierra de Galardon; LT  
=troncedoensis Meyer & Mollard, 1996 Huesca: Troncedo env. (=N of Barbastro; LT)  
=leyrensis Meyer & Caubet, 1998 Navarra: Sierra de Leyre

## 3.macrocephalus Dejean, 1826 NW-Spain: Oviedo; Leon: N-part; "Asturia"; S of Puerto de Pajares: Busolongo (NT)

**ssp. macrocephalus Dejean, 1826** NW-Spain: Oviedo; Leon: N-part; "Asturia"; S of Puerto de Pajares: Busolongo (NT)  
=joaquina Breuning & Toulgoet, 1974 Leon: N-part: Torrebarrío env.  
~amayensis Lassalle, 1984; un Palencia/Burgos: Puerta de Amaya

**ssp. cantabricus Chevrolat, 1840** NW-Spain: Pontevedra (Sierra de Caniza), La Coruna, Lugo; Orense, Oviedo & Leon: W-part  
=liebei Eidam, 1925 La Coruna  
=asturicus Born, 1925 Oviedo: W-part: Los Cabos nr. Pravia  
=moroderi Breuning, 1926 Mts. of Leon Province"  
~magdalenai Meyer & Mollard, 1996; un León: Pto. de la Magdalena  
=magdalenai Meyer & Mollard in Deuve, 2003 León: Pto. de la Magdalena

**ssp. brabeus Schaufuss, 1876** NC-Spain: Santander to Pamplona (Guipuzcoa: Mt. Aralar); NW-France: Pyrenées-Atlantiques  
=ahascoanus Lapouge, 1924 Navarra: Mt. Ahascoa  
=barcelecoanus Lapouge, 1924 NW-France: Pyrenées-Atlantiques: "Col Barceleco sur la Rhune" (=Col des Trois Fontaines)  
=macrocephaloides (Jeanne, 1972) Navarra (Sierra de Andia: Venta de Zumbelz, 1000m)  
~rodriguezi Meyer & Mollard, 1998; un Burgos: 10km W Poza de la Sal  
=rodriguezianus Meyer & Mollard in Deuve, 2003 Burgos: Puerto de Burgos

## 4.problematicus Herbst, 1786 C, W, N-Europe, Scandinavia, Iceland, Kola Peninsula

**ssp. problematicus Herbst, 1786** Austria, N-Italy, Alps; Moravia, Slovakia; "Österreich"  
=catenulatus Duftschmid, 1812, nec Scopoli, 1763  
~austriacus Sturm, 1815, nec Fabricius, 1801 "Österreich" (inexact; ?Moravia)  
=cyanescens Sturm, 1815 ?"Mts. of Austria"



~**azurescens** Dalla Torre, **1877**; **un** "Oberösterreich"  
~**marginatus** Dalla Torre, **1877**; **un** "Oberösterreich"  
~**nigrescens** Dalla Torre, **1877**; **un** "Oberösterreich"  
=**angustior** Born, **1885** Lugano env.(Mt.Generoso); SC-Switzerland:Ticino  
~**quadraticollis** Lapouge, **1899**; **un** "Basses-Alpes:Riez"(=Alpes-Hte-Provence)  
=**clairvillei** Lapouge, **1916** Savoie:Col du Petit St.Bernard  
~**iserensis** Breuning, **1933**; **un** Isère:Villars de Lans

**ssp. harcyniae Sturm, 1815** C,N-Germ.(Harz); N,C-France, Belg., Holl., Denm., Br.Isles; Bohemia, N-Poland, S-Scandin.

=?**dissitus** Fischer, **1826** "Bessarabia"(error)  
=?**beauvoisi** Dejean, **1826** "North America"(error)  
=?**californicus** Motschulsky, **1865** "California"(error)  
=**solutus** Oberthür, **1884** N-France:Ft.Lorges  
=**gallicus** Géhin, **1885** "Vogesen"  
~**tibialis** Bleuse, **1896**, **nec Paykull, 1790** N-France:?  
=**muelverstedti** Reitter, **1896** N-Poland:"W.Preussen:Rosenberg"=?Susz )  
=**wockei** Born, **1898** C-Norway:"Dovrefield"  
~**arvernus** Lapouge, **1902**; **un** Auvergne  
=**bayeri** Lapouge, **1910** Switzerland/Germany:Bodensee  
=**belgicus** Lapouge, **1913** Belgium:"Liège, Luxemburg"  
=**cychriformis** Bleuse, **1913** N-France:?  
~**veneti** Auzat, **1915**; **un** Clermont-Ferrand  
~**anthracinus** Everts, **1918**, **nec Illiger, 1798** Holland:?  
~**progressus** Lapouge, **1924**, **nec Semenov, 1888** British Isles:?  
=**scandinavicus** Born, **1926** S-Norway & S-Sweden  
=**cruris** Csiki, **1927**; **nom.pro tibialis** Bleuse N-France:?  
=**procedens** Csiki, **1927**; **nom.pro progressus** Lapouge British Isles:?  
~**obenbergerianus** Breuning, **1927**W,S-Bohemia("Preitenstein, Scheiben, Rakovitz"=Nečtiny, Šejby nr.Nové Hradý, ?Rakovice )  
~**lhommei** Hoffmann, **1928**; **un** N-France:?  
~**montanus** Venet, **1930**; **un** Auvergne  
~**relictus** Hellén, **1934**, **nec Semenov, 1898** Russia:Hogland Island(=betw.Helsinki/St.Petersburg)  
=**alluaudi** Colas, **1936**  
~**diluvialis** Blumenthal & Nüssler, **1967**; **un** Niedersachsen:Lüneburger Heide  
=**oceanicus** (Jeanne, **1971**) Gironde:Le Porge-Océan  
~**campinus** Delacre, **1975**; **un** Belgium:Anvers:Zoersel  
~**pseudogallicus** Delacre, **1975**; **un** Belgium:Brabant:Foret de Soignes  
~**loveralensis** (Mal, **1981**); **un** Belgium:Hainaut:Bois de Loverval S of Charleroi

**ssp. inflatus Kraatz, 1878** SE,SC-France:Alpes-Marit.to Pyren.-Or.; NW-Italy:Liguria; "Marseille, Basses-Alp.& Pyr.-Or."

~**brisouti** Fauvel, **1863**; **un** Pyrenees-Orientales:Valeé d'Eyne  
=**solidus** Lapouge, **1902** Pyrenees-Orientales:Vernet-les-Bains  
~**dellabeffae** Breuning, **1933**; **un** Alpes-Maritimes:Mt.Mounier  
~**battonii** Mandl, **1966**; **un** Liguria:Savona:Osiglia  
=**falsinflatus** Ochs, **1967**  
~**moderatus** (Raynaud, **1971**); **un** Alpes-de-Hte-Provence:Vallée de la Gordolasque:St-Grat  
=**prunieri** Pham, **1978** Pyrenees-Orientales:Puigmal Massif

**ssp. planiusculus Haury in Géhin, 1885** C,W-Pyrenees(Hautes-Pyrénées:Gavarnie); SC-France:Tarn; NE-Spain:Barcelona, Gerona

=**mayeti** Géhin, **1885** "Alpes et Pyrénées"  
=**mulsanti** Géhin, **1885** ?Hautes-Pyrénées  
=**trapeti** Bleuse, **1885** Hautes-Pyrénées:Baréges env.:Montferrat Glacier, Vignemale Massif  
~**niger** Nicolas, **1898**, **nec Linné, 1761** Hautes-Pyrénées:Pic de Néré  
=**andorranus** Lapouge, **1902** Andorra  
=**cunii** Lapouge, **1903** ?Gerona:Rosas  
=**bepmalei** Lapouge, **1904** "Aragonia:Huesca:Col de Basibé"  
=**jugicola** Lapouge, **1908** Haute-Garonne:Luchon env.  
=**occitanus** Lapouge, **1910** Tarn(Montagnes-Noires) to C-Pyrenees  
~**impar** Lapouge, **1910**; **un** Tarn:Montagnes-Noires  
~**amplicollis** Bleuse, **1913**, **nec A.& J.B.Villa, 1844**  
~**gracilis** Bleuse, **1913**, **nec Küster, 1846**  
=**xaxarsi** Born, **1917** Barcelona:Centellas(LT)  
~**secundariofilicatus** Codina, **1921**; **un** Gerona:Setcasas  
=**oberthueri** Venet, **1930** ?Andorra  
~**nicolasi** Venet, **1932**, **nec Reitter, 1888** Ariège:Foret de Bosc  
~**navarrensis** Breuning, **1933**; **un** Navarra:Mt.Urculo  
=**nicolasiellus** Breuning, **1934**; **nom.pro nicolasi** Venet Ariège:Foret de Bosc

**ssp. feroensis Lapouge, 1910** Faer Islands, Hebrides, Shetland & Orkney Isles

~**fairensis** Breuning, **1966**; **un** Fair Isle(=betw.Shetland/Orkney Isles)

**ssp. holdhausi Born, 1911** C-Romania:Carpathians; ?"Siebenburgen:Ceahlau"

**ssp. strandi Born, 1926** N-Scandinavia(N-Norway:Lapland:Faestnigstuen); Kola Peninsula

**ssp. islandicus Lindroth, 1968** SE-Iceland:Höfn env.:Hornafjörður

**5.riffensis Fairmaire, 1875** W-Morocco:Rif Mts.; "Marokko"

=**elephas** Putzeys, **1872** Rif Mts.

=**dominicae** Ruspoli, **1976** betw.Chechauen/Ketama(=Rif:Foret de Ketama)

**PLATYCARABUS Morawitz, 1886**; type species *Carabus depressus* Bonelli

**species: 5**

## 1.creutzeri Fabricius, 1801 Slovenia, Croatia; N-Italy & SC-Austria:Alps

**ssp. creutzeri Fabricius, 1801** Slovenia; Croatia:Rijeka env., Velebit Mts., Kapela Mts.; "Carniola"  
~cupreoaeneus Dalla Torre, 1877; un  
~nigroaeneus Dalla Torre, 1877; un  
~obscurus Dalla Torre, 1877; un  
~viridiaeneus Dalla Torre, 1877; un  
=viridimicans Kraatz, 1878 W-Slovenia("Illyria:Kneza, Krn"); E-Italy:Julijske Alpe; SE-Austria:Karavanke:W-part  
=schencki Géhin, 1885  
=tschapecki Géhin, 1885  
=araneipes Lapouge, 1903 Slovenia:"Oberkrain:Stein"(=Kranj env.:?)  
=humilis Bernau, 1911 W-Croatia:"Fuzine env.", Velebit, Kapela Mts.  
=krnensis Bernau, 1911 W-Slovenia:Krn  
=cohumilis Bernau, 1913 Slovenia:"Krain"(=Kranj env.)  
=depolianus Bernau, 1913 Croatia:Risnjak  
=longellipticus Bernau, 1913 Velebit Mts.  
=subalpinus Bernau, 1913 "Illyria:Tolmin, Julijske Alpe etc."  
=parumilis Bernau, 1914 Slovenia:"Krain"(=Kranj env.)  
=sonticus Bernau, 1914; **nom.pro subalpinus Bernau** "Illyria:Tolmin, Julijske Alpe etc."  
=stolzi Bernau, 1914 "Steiner Alpen:Grintouc & Karawanken:Bodental"(=Kamnishke Alpe & Karavanke)  
=trnovensis Bernau, 1914 W-Slovenia:"Ternowaner Wald"(=Trnovski Gozd)  
~heros Lapouge, 1924, **nec Fabricius, 1801** "Croatia"(error; ?Villach env.)  
=carantanus Depoli, 1925 Villach  
=pseudoheros Kenyery, 1983 Slovenia:"Bachergebirge:N-slope:1km S Podvelka, 350m"(=ca.betw.Celje/Zagreb)  
=posarinii Rapuzzi, 1999 Slovenia:Koper:Kras Mt.R.:Brkini Mts.:Suhorije env.

**ssp. kircheri Germar, 1824** N-Italy:Alpi Orobie-A.Carni; Dolomiti; SC-Austria:Gailtaler Alpen; ?LNF  
~fossiger Kraatz, 1896, **nec Chaudoir, 1877** LNF  
=stellifer Semenov, 1898; **nom.pro fossiger Kraatz** LNF  
=grignensis Born, 1902 Bergamasker Alpen:Mt.Grigna  
=latschurensis Born, 1912 Latschur  
=tesinensis Bernau, 1913 Pieve di Tesino  
=hamilcaris Bernau, 1914 Veneto:Belluno env.- Monti Lessini(Mt.Cavallo, Bosco di Cansiglio)  
~fruhstorferi Born, 1920, **nec Roeschke, 1900** Mt.Generoso  
=fruhstorferianus Csiki, 1927; **nom.pro fruhstorferi Born** Mt.Generoso  
~fuliginosus Hölzel, 1950, **nec Panzer, 1809** "S of Drau River:Lienzer Dolomiten; N of Drau River:S of Kals:W slopes of Schober Massif"  
=rinaldoi Meggiolaro, 1958 Veneto:Conegliano env.

**ssp. baldensis Schaum, 1857** NC-Italy:Monte Baldo Massif(C.Telegrafo); betw.Trento/Lago di Garda  
~bondonensis Mandl, 1967; un Cornetto Massif SW of Trento:(Mt.Cima Verde)

## 2.cychroides Baudi, 1860 N-Italy:W-Alps:Susa env.:Mt.Albergian, Finestre Pass

=federicii Born, 1909 Col di Finestra(=Finestre Pass)

## 3.depressus Bonelli, 1811, nec Paykull, 1790; nbm N-Italy, S,C-Switzerland, S-Austria & SE-France:Alps

**ssp. depressus Bonelli, 1811, nec Paykull, 1790; nbm** N-Italy, S,C-Switzerland, S-Austria & SE-France(Alpi Graie:Val Soana:Usseglio)  
~bonellii Dejean, 1826, **nec Adams, 1817** "Alps of Kärnten"  
=peirolerii A. & J.B.Villa, 1832  
~intermedius Heer, 1837, **nec Dejean, 1826** "Graubünden & Wallis"  
=glacialis Gautier des Cottés, 1859 "Wallis"  
=heerianus Géhin, 1876; **nom.pro intermedius Heer** "Graubünden & Wallis"  
=grajus Reitter, 1896 Alpi Graie:?  
=jurinei Born, 1901 Mt.Blanc, Col Ferret, Gr.St.Bernhard  
=pseudobonellii Lapouge, 1903  
~subparallelus Carret, 1905; un Val Sessera  
~transversicollis Carret, 1905; un  
=velleri Marceron, 1937

**ssp. lucens Schaum, 1856** NW-Italy & SE-France:Alpi Liguri to Alpi Marittime to Alpi Cozie(Mt.Viso:S-slope)

## 4.fabricii Panzer, 1812 C,SE-Austria, Switzerland & NE-Italy:Alps; Carpathians

**ssp. fabricii Panzer, 1812** C,SE-Austria(Niederöst.:Schneeberg); C,W-Switz.; NE-Italy:Alto Adige; W-Carpath.:Slovakia  
=heeri Germar, 1824 "Glärner Alpen"  
=bugnionii Chaudoir, 1837 Bern:Faulhorn  
~polonicus Schaum, 1856, **nec Motschulsky, 1865** Carpathians:?  
=linderi Tournier, 1860  
=poloniensis Géhin, 1876; **nom.pro polonicus Schaum** Carpathians:?  
~nigrinus Schilsky, 1888, **nec Motschulsky, 1865** Niederösterreich:Schneeberg  
~virens Schilsky, 1888, **nec Müller, 1776** Niederösterreich:Schneeberg  
=meschniggi Born, 1920; ?hyb "Ostalpen:Ankogel"; ?hyb fabricii/depressus  
~fassatii Smetana, 1955; un C-Slovakia:Nízke Tatry Mts., 1750m  
=praeglacialis Mandl, 1981 C-Austria:Steiermark:N of Liezen:Mt.Hochmolbing  
=feichtauensis Müller & Sach, 1999 NC-Austria:Oberöst.:Molln:Sengsen Mts.:Feichtaualm: betw.Schöneck/Rotgsol, 1400m

**ssp. malachiticus Thomson, 1875** Carpathians:N-Romania:Rodna, Caliman Mts.; W-Ukraine:Hoverla, Chorna Gora Massif; LNF

**ssp. koralpicus Sokolar, 1910** E-Karnten:Koralpe  
=pehri Lapouge, 1913 Koralpe

**ssp. ucrainicus Lazorko, 1951** Carpathians:W-Ukraine:Gorgany Mts.

## 5.irregularis Fabricius, 1792 C-Europe, Croatia, Bosnia, Carpathians

**ssp. irregularis Fabricius, 1792** C-Europe:E-France, Switzerland, Belgium, Germany, Austria, Bohemia; LNF(?Germany)

=regularis Fischer, 1823 "Iberia"(error)

=sculptilis Heer, 1837 France:"Niesen & Salève"

~nigrescens Letzner, 1850; un

~versicolor Letzner, 1850; un

~virescens Letzner, 1850; un

~cephalotes Sokolar, 1909, nec Linné, 1758 ?"NE-Alps"

=jurassicus Born, 1911 ?"C-Jura Mt.R."

=scheffeli Born, 1911 Schwäbischen Alb

~reitteri Appel, 1916, nec Retowski, 1885 Niederösterreich:Lunz

=bitschnauvi Born, 1926 Vorarlberg:Freschen

~denesi Niedl, 1973; un S-Bohemia:Hluboká nad Vltavou

**ssp. montandoni Buysson, 1882** Carpathians:Slovakia, SE-Poland, Ukraine, Romania(Rarau Mts.:Cruce)

=peronae Hopffgarten, 1885 Romania:"Walachei:Mt.Negoi"

=brunnipes Beuthin, 1885 Romania:"Walachei:Mt.Negoi"

=brostenensis Jacquet, 1886 NE-Romania:Suceava:Brosteni

=narosnyi Csiki, 1946 "Kom.Ung, Poljana"

~minutulus Mandl, 1955; un "Transsylv.Alps:?"

**ssp. ramanus Sokolar, 1909** Slovenia, Croatia, Bosnia("Ivan-Sattel"); E-Montenegro:Bjelasica Mts.; SE-Austria:Koralpe

~bucephalus Kraatz, 1879; un Slovenia("Kranj")

=hayeki Kobmann, 1925 ?"S-Steiermark:Possruck"

## CHAETOCARABUS Thomson, 1875; type species Carabus intricatus Linné

species: 2

## 1.arcadicus Gistel, 1850 C,S-Greece

**ssp. arcadicus Gistel, 1850** C,S-Greece:Olympos Massif, Pindos Mt.R.; ?LNF

=adonis Hampe, 1853 ?"Greece"

~parnassicus Mandl, 1955; un Parnassós Massif:?

**ssp. merlini Schaum, 1861** S-Greece:Peloponnesos:Taygetos Mt.R.

~borni Kolbe, 1917, nec Meyer-Darcis, 1902 Taygetos

=borniellus Csiki, 1927; nom.pro borni Kolbe Taygetos

## 2.intricatus Linné, 1761 C-Europe, Italy, Sicily, Carpathians, Balcans

**ssp. intricatus Linné, 1761** C-Europe(Germany & ?Sweden), France, Holl., N-Italy, Carpath.; Yug., N-Greece, Eur.Turkey

=cyaneus Fabricius, 1776

=giganteus Heer, 1837; ?in litt. ?Lugano

~gigas Heer, 1841, nec Creutzer, 1799 ?Lugano

~bicolor Letzner, 1850; un

~cyanescens Letzner, 1850; un

~tricolor Letzner, 1850; un

~versicolor Letzner, 1850; un

~violaceus Letzner, 1850; un

~virescens Letzner, 1850; un

=angustulus Hauray, 1876 Banat:Bazias

~obscurus Dalla Torre, 1877; un

=montenegrinus Kraatz, 1878 Montenegro

~chlorizans Dalla Torre, 1879; un

=kaadeni Schaufuss, 1880

=bohemicus Hauray, 1881 Bohemia

=liburnicus Hauray, 1881 Croatia:?

~minor Hauray, 1881, nec Kraatz, 1860

~laticollis Roeschke, 1896, nec Sturm, 1826 "Mark Brandenburg"

=germanicus Semenov, 1898; nec ?; nom.pro laticollis Roeschke "Mark Brandenburg"

=neustrius Lapouge, 1900 Bretagne

~aurulentus Lapouge, 1902; un Bretagne

=ulcerosus Lapouge, 1902 Banat

=roeschkeanus Semenov, 1906; nom.pro germanicus Semenov "Mark Brandenburg"

=eurynotus Lapouge, 1913 S-Romania:Comana

=siegwarti Born, 1914 Locarno

=exemtus Kolbe, 1917 "Agram"

=paniscus Kolbe, 1917 Wienerwald

=petax Kolbe, 1917 "Südtirol:Bozen, Klausen, Gardasee"

=bosniensis Born, 1918 Bosnia, Hercegovina & S-Montenegro

=**chionobatus Born, 1918** Makedonia/Kosovo:Shar Dag  
=**starensis Born, 1918** Bulgaria:"Stara Planina, Sofia env., Vitosha, Klissura, Rila Mts."  
=**carnicus Depoli, 1926** "Alpi Carniche:Mt.Talm"  
=**macedonicus Jureček, 1928** S-Macedonia:Pelister Mts.: "Peristeri nr.Monastir"  
~**weiratheri Breuning, 1934; un** NW-Greece:Kerkyra Island; SW-Albania; "Korfu"(=Kerkyra)  
~**bucovinensis Marcu, 1934; un** N-Romania:?  
=**marchali Raynaud, 1971**  
=**subrhodopensis Blumenthal, 1976** NE-Greece:Thraki:Silo Massif nr.Essimi  
~**jauffreti Merceron, 1995; un** Alpes-Maritimes:N of Nice:nr. Saint\*Blaise:Mt.Cima

**ssp. lefebvrei Dejean, 1826** Sicily; S-Italy:Calabria:Aspromonte Massif  
=**aspromontanus Born, 1918** Aspromonte Massif

**ssp. bayardi Solier, 1835** S,C-Italy:Roma env.to Calabria(Napoli)  
=**silaensis Haury, 1881** La Sila Massif  
=**leonii Born, 1902** "Basilicata"  
=**molisensis Born, 1918** Latium:Pagano:nr.Castel di Sangro  
=**lombardii Luigioni, 1927** Firenze(?introduced)

**ssp. krueperi Reitter, 1896** E-Greece:Thessalia:Magnesía:"Volo"(=Vólos), Larisa:Ossa Massif

## **HETEROCARABUS Morawitz, 1886;** type species *Carabus marietti* Cristoforis & Jan **species: 1**

### **1.marietti Cristoforis & Jan, 1837** N-Turkey, SE-Bulgaria

**ssp. marietti Cristoforis & Jan, 1837** NW-Turkey:Istanbul("Bospor, Alem Dag"- NT), Kırklareli, Bolu; SE-Bulgaria:Akhtopol env.  
=**ativsengueni Schweiger, 1962** Bolu:Abant Mts.  
~**petrovitzi Mandl, 1964; un** Cankiri:Çamlidere  
~**pseudomarietti Schweiger, 1964; un** Bolu:pass betw.Bolu/Kaynasli  
=**charetianus Auvray, 1992** European Turkey:Kırklareli:Yıldız daglari S of Demirkoy

**ssp. sapancaensis Blumenthal & Breuning, 1967** NW-Turkey:Adapazari:Sapanca env.:Goek Dag

**ssp. necopinatus Basquin & Darge, 1986** NW-Turkey:Cankiri:Ismetpaşa

**ssp. mouthiezi Lassalle, 1991** NW-Turkey:Zonguldak:Ahmetusta Pass

**ssp. ~ormanensis Blumenthal & Breuning, 1967; un** NW-Turkey:Bolu:Akcakoca:Kaplandere Dagi; Adapazari:Karapurcek:Karadag Massif

**ssp. balboi Cavazzuti, 2006** NW-Turkey:Bolu:Bolu Dagi

**ssp. bischoffi Chaudoir, 1848** NC-Turkey:Samsun, Amasya; Ordu:Akkus, Gököy env.; ?Sinop env.; "Ararat"(error)  
~**kindermanni Hampe, 1852, nec Waltl, 1838**  
=**terahci Charet, 1994** Samsun:Ladik  
=**delmastroi Cavazzuti, 2003** Amasya:Borabay

**ssp. inexpectatus Basquin & Darge, 1986** NC-Turkey:Sivas:N of Koyulhisar, Zara env.

**ssp. hroni Deuve, 1997** NE-Turkey:Giresun:Sebinkarahisar env.

**ssp. muchei Breuning, 1961** NW-Turkey:Kastamonu:Ilgaz Dag

**ssp. stefaniruspolii Breuning, 1966** NC-Turkey:Sinop:Dranaz Dag

**ssp. ornatus Heinz, 1976** NW-Turkey:Kastamonu:Yaraligöz, Catalzeytin env.; ?Sinop:Cangal Dag  
=**inclarus Darge, 1994** Kastamonu:Oyrak Pass

**ssp. akensis Haury, 1889** NW-Turkey:Bursa:Ulu Dag Massif(Ak Dag)  
=**akensiculus Cavazzuti, 2006iarge, 1994** NW-Turkey:Bilecik:Söğüt

## **HYGROCARABUS Thomson, 1875;** type species *Carabus nodulosus* Creutzer = *Carabus variolosus nodulosus* Creutzer **species: 1**

### **1.variolosus Fabricius, 1787** C-Europe, Bulgaria, Yugoslavia, Carpathians

**ssp. variolosus Fabricius, 1787** Carpathians; ?Bohemia; "Transsylvania"

=**weigeli** Panzer, 1801 "Silesia"  
=**costulifer** Fleischer, 1898 "Bihar, Transsylvania"

**ssp. nodulosus Creutzer, 1799** C,E-France, Germany, Switzerland, Austria(Linz env.), CW-Hungary, Yugoslavia  
=**hydrophilus Reitter, 1896** LNF  
=**goricianus Born, 1911** Italy/Slovenia:near Görz:Panovic

## **CTENOCARABUS Thomson, 1875;** type species *Carabus galicianus* Gory **species: 2**

**1.galicianus Gory, 1839** NW-Spain:Asturia, León, Galicia(Val Pemache); N-Portugal  
=**beirensis Born, 1924** CW-Portugal:Coimbra

**2.melancholicus Fabricius, 1798** N-Morocco, Spain, SW-France

**ssp. melancholicus Fabricius, 1798** N-Morocco:Tanger, Taza, Rabat env.; S-Spain  
=**rotroui Antoine, 1938** N-Morocco:Tazeka Massif:Bou Idir nr.Taza  
=**mussardi Antoine, 1951** N-Morocco:"marshes of Fouarrat nr.Port-Lyautey"(=Rabat region)

**ssp. costatus Germar, 1824** N,C-Spain; N-Portugal; SW-France; "Mts.of Spain"  
=**pyrenaeensis Géhin, 1885**  
=**castiliensis Born, 1924** C-Spain:Madrid:Sierra Guadarrama:Cercedilla  
~**leonensis Breuning, 1964; un** NW-Spain:Leon:Busdongo  
~**cuencaensis Raynaud, 1972; un** CE-Spain:Cuenca:Olivarés  
~**exilis Raynaud, 1972; un** C-Spain:Guadalajara:Villanueva de Alcojon

**ssp. submeridionalis Breuning, 1975** SW,SC-Spain(Malaga:Estepona); S-Portugal  
~**tietarensis Bra?es, 1987; un** C-Spain:Tietar River  
=**dehesicola Garcia-Paris & Paris, 1996** Cáceres:Torrejón El Rubio

## **SPHODRISTOCARABUS Géhin, 1885;** type species *Carabus adamsi* Adams **species: 16**

**1.adamsi Adams, 1817** C,E-Caucasus; S-Azerbaydzhan; N-Iran

**ssp. adamsi Adams, 1817** C,E-Caucasus:Terek River, Vladikavkaz env.- Telavi env.  
=**chiragricus Fischer, 1828** "thermal springs of Caucasus"(=Pyatigorsk, Kislovodsk env.)  
=**eichwaldi Fischer, 1828** "Kaukasus"  
=**chrysis Motschulsky, 1839** "Alp.Cauc.:Tuschetia"(LT)  
=**thomsonianus Géhin, 1876**  
=**subcyaneus Kraatz, 1878, nec Illiger, 1802; nbm** C-Caucasus:Kazbegi env.; "?Caucasus"  
=**porphyrobaphes Ganglbauer, 1887** ?LNF(?E of Vladikavkaz)  
=**adamsianus Mandl, 1975** "Caucasus"  
=**svaneticola Deuve, 2002** "Svanetia"  
~**kabardaensis Deuve, 2002, nec kabardensis Kurnakov, 1970** "Kabarda"  
=**pseudojanthinus Deuve, 2002** LNF(unlabelled HT)

**ssp. hollbergi Mannerheim, 1827** E-Cauc.:Shakh D., Kurush; Azerbaydzhan:Kirovabad, Khanlar, Karabakh Mts.; "Dagestan"(LT)  
=**separandus Kraatz, 1881** "Elisabethpol"(=Kirovabad; =Gyandzha)  
~**eichwaldianus Géhin, 1885;** ?in litt.  
~**grusianus Roeschke;** in litt.  
~**separandulus Mandl, 1975; un** LNF(unlabelled LT)  
=**adjikentensis Deuve, 2002** Azerbaydzhan:"Adjikent"(=Adjikend; ca.15km SE Gyandzha); 1m  
=**khanlarensis Deuve, 2002** Azerbaydzhan:"Helenendorf"(=Khanlar; 9km S Gyandzha)  
=**tchaikentensis Deuve, 2002** Azerbaydzhan:"Tchaikent"(=Chaykend, ca.17km SE Gyandzha); 1m

**ssp. serriae Deuve, 2002** N-Iran:Azerbaydzhan:E-part:Kaleybar env.

**ssp. separatus Lapouge, 1907** SE-Azerbaydzhan:Lenkoran; N-Iran:Gilan:Asalom, Masuleh; "Talysh"

**ssp. persa Lapouge, 1924** N-Iran:Elborz Mt.R.:Ramsar env. to Sari env.; "W-Elborz"(HT lost); Kelardasht (NT)  
~**longicollis Mandl, 1955, nec Duftschmid, 1812** "Persia, Elburs"  
~**sahelae Lassalle, 2002; un** N-Iran:Mazandaran:betw.Behshahr/Gorgan:Mts. S of Galugah, 1800m

**ssp. korgei Heinz, 1970** N-Iran:Mazenderan:Khalus valley:pass N of Gakhsar(~36:10N/51:19E)  
=**delirensis Deuve, 2000** N-Iran:Mazenderan:SW Chalus:Delir, 36:21N/51:08E

**ssp. haerii Heinz, 1973** N-Iran: Gilan: E of Rudbar: Dare-dasht  
=**larkhaniensis Deuve, 2001** N-Iran: Gilan: Espeyli env.: Larkhani Mts., 1400 m; betw. Siyahkal/Espeyli; Balarud env.

**ssp. bararii Deuve, 2000** N-Iran: Mazandaran: Ramsar env.: Ney Dasht, 300-350m

**ssp. samaorum Rapuzzi, 2005** NE-Iran: Golestan: Gorgan env. (20km S Gorgan: Nahar Horan)

## 2. **biroi Csiki, 1927; nom. pro kindermanni Chaudoir** NC-Turkey

**ssp. biroi Ménétriés, 1832** NC-Turkey: Samsun: Kavak env.; Amasya  
~**kindermanni Chaudoir, 1850, nec Waltl, 1838** Amasya

**ssp. iorbi Deuve & Charet, 1998** NC-Turkey: Samsun: W of Ladik

**ssp. leonardoi Deuve, 2005** NC-Turkey: Sinop: 30km E Ayancik; 1f

## 3. **bohemani Ménétriés, 1832** Azerbaydzhan/Iran borders region; N-Iran: Gilan, Mazandaran

**ssp. bohemani Ménétriés, 1832** Azerbaydzhan/Iran borders region: Lenkoran, Ardabil env.; "Mts. of Talysh"  
=**vydouarini Deuve & Doline, 2003** Azerbaydzhan: Lenkoran env.: (Hirkansky Les, Astara, Masilli)

**ssp. esperanzae Heinz, 1970** N-Iran: Gilan: NW of Safid valley: Masuleh, Asalam

**ssp. esfandarii Heinz, 1973** N-Iran: Mazandaran: Sardab-rud valley: Rudbarak, S of Chalus: Kelardasht

**ssp. morvani Morvan, 1976** N-Iran: Mazandaran: Elborz Mt. R.: Chorteh, 1800m (=SW of Ramsar)

**ssp. rosicolor Deuve, 2001** N-Iran: Gilan: Espeyli env.: Larkhani Mts., 1400 m

## 4. **coruhnehriensis Cavazzuti, 1990** NE-Turkey: Artvin: Coruh valley: 25-30km W Yusufeli; ?Rize: Ovit Pass: N-slope

## 5. **elegantulus Motschulsky, 1850** N-Iran: E-Elborz Mt. R.; Iran/Turkmenistan: Kopet Dag Mt. R.

**ssp. elegantulus Motschulsky, 1850** N-Iran: E-Elborz: Gorgan env. (= "Astrabad"), Bojnurd; Iran/Turkmenistan: Kopet Dag Mt. R.  
=**astrabadensis Semenov, 1903** "Mts. of Astrabad Province" (=Gorgan)  
=**parthicus Lapouge, 1924** "Budschnurd Mts." (=Bojnurd env.)

**ssp. sarafrazii Deuve, 2000** N-Iran: Mazandaran: Sari: Kiyasar: Vesmine Mts. (Kiyasar: 36:14N/53:22E)

**ssp. dinae Rapuzzi, 2005** NE-Iran: Golestan: S of Gaz, 36:39N/53:58E

## 6. **enigmaticus Heinz, 1980** NE-Turkey: Erzurum, Artvin, Kars

**ssp. enigmaticus Heinz, 1980** NE-Turkey: Erzurum: Ispir env. (10km NW Ispir, 1500-1700m)

**ssp. reiseri Heinz, 1980** NE-Turkey: Artvin: NW of Yusufeli: Yaylalar, Altıparmak env.

**ssp. exiliatus Cavazzuti, 1990** NE-Turkey: Artvin: Kiliçkaya env.: Deve Dag Mts.: 1800-2000m

**ssp. citamgineus Lassalle & Charet, 1992** NE-Turkey: Kars: Sarikamis, Göle  
=**bechteli Charet, 1996** Kars: Göle

## 7. **georgia Cavazzuti, 1984** CE-Turkey: Tunceli env. (10km NE of Tunceli) =**hardei Heinz, 1990** CE-Turkey: Tunceli: Kötek-Yayla, Gozen env.

## 8. **giachinoi Cavazzuti, 1991** NE-Turkey: Gümüşhane: NE of Siran: Tersundagi Pass, 1800m; 4f

## 9. **gilnickii Deyrolle, 1869** NE-Turkey: Trabzon, Rize, Giresun, Erzurum

**ssp. gilnickii Deyrolle, 1869** NE-Turkey: Trabzon env.: Macka, Zigana Pass, Soganli Pass, Ovit Pass  
=**giulielli Thomson, 1875**  
=**acutus Lapouge, 1904** Trabzon: "Kolad Dag" (=Mts. nr. Zigana Pass)

~*viridifossulatipennis* Breuning, 1964; **un** Trabzon:Balabandag W of Macka  
~*brignolii* Breuning & Ruspoli, 1970; **un** Trabzon:"Kolât Dag"(=Mts.nr.Zigana Pass)  
=*yakalamakus* Lassalle, 1993 NE-Turkey:Giresun:S of Dogankent River:steppes W of Kürtün  
=*ovoideus* Machard, 1994 Trabzon:Soganli Pass S of Caykara  
=*pseudoelongatus* Machard, 1994 Rize:betw.Sivrikaya/Ovit Pass  
=*lavezorum* Darge, 1994 Rize:Ovit Pass:N-slope

**ssp. hasandaghensis Darge & Basquin, 1990** NE-Turkey:Erzurum:N of Ispir:Hasan Dag

**ssp. brunneicupreus Deuve, 1994** NE-Turkey:Rize:Çat

**10.heinzi Breuning, 1964** NE-Turkey:Giresun, Ordu

**ssp. heinzi Breuning, 1964** NE-Turkey:Giresun:Egribel Pass, Kulakkaya, Tamdere env.

**ssp. mateuellus Deuve, 2003** NE-Turkey:Ordu:Gölköy env.(pass betw.Mesudiye/Gölköy)  
~*matteui* Breuning & Ruspoli, 1970; **un** NE-Turkey:Ordu:Gölköy env.(pass betw.Mesudiye/Gölköy)

**11.kurdicus Heinz, 1975** CE,SE-Turkey:Bitlis, Bingöl, Siirt

**ssp. kurdicus Heinz, 1975** CE-Turkey:Bitlis:Tatvan, Resadiye env.  
~*schuberti* Breuning, 1970, *nec* Breuning, 1968 Bitlis:Tatvan env.  
=*basquini* Darge, 1990 Bitlis:Resadiye/Gevas:Alacabük Dag, 1770m

**ssp. machardianus Machard, 1986** CE-Turkey:Bingöl env.; 2f

**ssp. kurdaorum Lassalle, 1992** SE-Turkey:Siirt:Yolbilen

**12.macrogonus Chaudoir, 1847** N-Turkey:Adapazari to Artvin

**ssp. macrogonus Chaudoir, 1847** NE-Turkey:Trabzon env., Macka valley, Zigana Pass; Giresun; LNF  
=*theophilei* Deyrolle, 1869 Trabzon env.  
=*kolatensis* Lapouge, 1924 "Kolât Dagh nr.Trabzon"(=Mts.nr.Zigana Pass)  
=*koselerensis* Machard, 1991 Giresun:betw.Tirebolu/Köseler  
=*giresunensis* Deuve, 1992 "Anatolia, Giresun"(exactly:Balaban Dag=Mts.SW of Yavuzkema)  
=*lemeslei* Machard, 1995 Trabzon:S of Caykara:Kökner, 1800m

**ssp. pseudokolatensis Heinz & Korge, 1967** NE-Turkey:Artvin:Kackar Dag:N-slope; Rize:İlica, Ardesen valley, İkizdere  
=*rizensis* Ledoux, 1975 Rize:S of Pazar  
=*michaelae* Darge, 1994 Rize:Ovit Pass:N-slope

**ssp. azaleae Cavazzuti, 1986** NE-Turkey:Ordu:40km SE Ordu:Cambaşı(=E of Topcam)

**ssp. resplendens Breuning, 1934** NC-Turkey:Amasya:Borabay; Samsun:Ayvaci, Carsamba, Ladik; Ordu:Ünye  
=*chambruni* Breuning & Ruspoli, 1970 Samsun:Akpınar nr.Carsamba  
=*cavazzutianus* Casale, 1973 Ordu:S of Ünye  
=*zanderi* Battoni & Blumenthal, 1973 Samsun:Ladik  
~*eiselti* Mandl, 1975; **un** Ordu:betw.Akkus/Ünye

**ssp. akkusensis Breuning & Ruspoli, 1970** NE-Turkey:Ordu:Akkus, Gulebi, Ulubey env.; Tokat:Niksar  
~*akkusensis* Breuning, 1964; **un** Ordu:Akkus  
~*ingloriosus* Breuning & Ruspoli, 1970; **un** Ordu:Akkus  
=*guergentepeensis* Blumenthal, 1975 Ordu:betw.Gölköy/Ulubey:Gurgentepe Pass  
=*liliana* Casale & Cavazzuti, 1976 Ordu:Gölköy  
~*daumani* Breuning & Ruspoli, 1976; **un** Ordu:Ulubey

**ssp. simonianus Breuning & Ruspoli, 1970** NE-Turkey:Ordu:betw.Mesudiye/Koyulhisar; Gölköy, Mahmudiye Sivas:Koyulhisar  
~*pseudosimonianus* Mandl, 1975; **un** Ordu:Gölköy

**ssp. diogenei Cavazzuti, 1991** NC-Turkey:Sinop:Gokcebel, Incemeydan, Hatip, Buyukduz, Turkeli

**ssp. schweigerinae Schweiger, 1962** NW-Turkey:Bolu(Abant Lake)  
=*goettingi* Schweiger, 1964 Bolu:Abantayagi  
=*pseudoschweigerinae* Schweiger, 1964 Bolu:Abantayagi

**ssp. drannadaghensis Breuning, 1964** NW-Turkey:Kastamonu:Ilgaz, Yaralıgöz; Sinop:Dranaz Dag, Cangal Dag  
=*clientulus* Schweiger, 1969 Istanbul City (?introduced)  
~*mollioni* Breuning & Ruspoli, 1976; **un** Sinop:Cangal Dag 40 km W Sinop:S of Ayancik

**ssp. keltepenensis Vigna-Taglianti & Bruschi, 1976** NW-Turkey:Adapazari:Sapanca env.; Kocaeli:Goek Dag nr.Izmit

**13.pavesii Cavazzuti, 1992** W-Turkey:Izmir:Bornova; 1m; probably introduced macrogonus-specimen

**14.scovitzii Faldermann, 1835; cos** SW-Georgia:Batumi, Makharadze env; NE-Turkey:Artvin, Rize



**ssp. scovitzii Faldermann, 1835; cos** SW-Georgia:Batumi, Makharadze env.; LNF(?Batumi env.)  
~sovitzii Faldermann, 1835; ?iss

**ssp. otingoensis Deuve, 1993** NE-Turkey:"Artvin:Karckal-Otingo"(=Karckal Dagı:Balci env.)

**ssp. hedini Heinz, 1973** NE-Turkey:Rize & Artvin:Ayder, Yaylalar env.(Ardesen valley:Kavran-yayla)

**ssp. bouilloni Breuning, 1976** NE-Turkey:Artvin:Murgul nr.Borçka

**ssp. czipkai Heinz, 1980** NE-Turkey:Artvin:Artvin env.(forests above Artvin, 1600-1800m)

**ssp. sarigoelensis Deuve & Charet, 1992** NE-Turkey:Artvin:35km W Sarigol

**15.tokatensis Roeschke, 1898** NC,CE-Turkey:Tokat, Gümüşhane, Tunceli, Erzurum

**ssp. tokatensis Roeschke, 1898** NC-Turkey:W of Tokat:Topcam Dag Massif; Tokat

**ssp. almushensis Mandl, 1975** NC-Turkey:E of Tokat:Almus env.; Yildiz Dagları; Sivas:Koyulhisar

**ssp. kosensis Cavazzuti, 1984**CE-Turkey:Gümüşhane:Köse(pass N of Köse), Siran, Kelkit, Torul env.

**ssp. kirikensis Staven, 1995** CE-Turkey:Erzurum:W of Kirik, SE of Kirik

**ssp. simonae Cavazzuti, 1984** CE-Turkey:Tunceli:Munzur Dagları:Pülümür, Ovacik

**ssp. karasudominus Cavazzuti, 1991** CE-Turkey:Erzurum:Karasu Dagları:Cat env.; 2f

**16.varians Fischer, 1827** Armenia, Georgia; SW,SC-Caucasus; NE-Turkey

**ssp. varians Fischer, 1827** Armenia:Sevan, Dilidzhan, Yerevan; Georgia:Tbilisi, Somkhet Mt.R.; "Caucaso cisalpino"  
=siewersi Ganglbauer, 1887 Caucasus Minor:Trialetsky Mt.R., Bakuriani; "Manglis nr.Tiflis"(=Tbilisi env.)  
~praevarians Mandl, 1975; un "Somchetia"  
~somcheticus Mandl, 1975; un Armenia:Dilidzhan

**ssp. armeniacus Mannerheim, 1830** NE-Turkey:Erzurum(Kop Dag S of Trabzon); Artvin; Georgia:Caucasus Minor, C-Caucasus  
=incatenatus Mannerheim, 1830 Kop Dag S of Trabzon  
~confusus Fischer, in litt.  
=fulminans Kraatz, 1878 ?Borzhomi  
=subincatenatus Kraatz, 1878 ?Borzhomi  
=repletus Reitter, 1884 SC-Caucasus:upper Inguri & Rioni River; "Svanetia"  
~mutabilis Géhin, 1885; un  
=koreanus Ganglbauer, 1887 S-Georgia:Batumi env.; NE-Turkey:Artvin:Hopa  
=laevilineatus Ganglbauer, 1887 SC-Caucasus:Kodorsky Mt.R., Egrissky Mt.R., Tkvarcheli, Zugdidi env.  
=decoloratus Reitter, 1896 ?"Svanetia"  
~pseudoarmeniaceus Breuning, 1935; un S-Georgia:"Achalzich"(=Akhaltsikhe)  
~voriseki Novotný, 1975; un ?Trialetsky Mt.R.:Mt.Ckhra-Cckhara  
=arsiyandagensis Machard, 1985 Kars:NW of Hanak:Arsiyan Dag  
=sarikamisensis Cavazzuti, 1986 Kars:Sarikamis  
=robichei Auvray, 1994 Artvin:Zeytinlik

**ssp. scintillus Reitter, 1884** C-Caucasus:S-slope:"Svanetia"(alpine form)

**ssp. janthinus Ganglbauer, 1887, nec Duftschmid, 1812; nbm** W-Caucasus:Gagrinsky Mt.R.-Tuapse; Maykop env.;  
Slavyansk:Krasny Les; Mt.Achishkho(LT)  
~ciscaucasicus Mandl, 1975; un Dagomys  
~dvorshaki Mandl, 1975; un SW-Caucasus:Pitsunda env., Adler; Bzyb'sky Mt.R.  
~manfredschmidt Mandl, 1975; un Maykop env:Suntuk

**ssp. rugatus Breuning, 1934** W-Caucasus:Sukhumi, Novy Afon, Tsebelda, Amtkel, Atsgara, Abkhazsky Mt.R.(Marukh Pass)  
~novotnyorum Mandl, 1975; un Sukhumi

**ssp. alagoenoides Mandl, 1975** W-Armenia:Mt.Aragats; "Araxestal"(=Araks valley)  
~alagoensis Reitter, in litt.  
~alagoenoides Mandl, 1955; un "Araxestal"(=Araks valley)

**ssp. blumenthaliensis Heinz & Korge, 1967** NE-Turkey:Rize:Kackar Dagı:N-slope(Ilica, Ardesen valley)

**ssp. basilewskianus Breuning & Ruspoli, 1970** Artvin:Hopa env.(Ciftekoprüler betw.Hopa/Borçka); ?Ogdem env.  
=aabadensis Lassalle, 1991 NE-Turkey:Artvin:Kafkasor nr.Artvin, 1800m

**ssp. aequicostalis Staven & Heinz, 1995** NE-Turkey:NE of Artvin:Dalis Dag

**ssp. rotundithorax Deuve, 2003; nom. pro rotundicollis Mandl** NE-Turkey:Artvin:Karçal Dagı Massif; ?Tunceli; Kartsch Chal(=Karçal Dagı)  
~rotundicollis Mandl, 1955, nec Marsham, 1802 Kartsch Chal(=Karçal Dagı)

**OXYCARABUS Semenov, 1898;** type species *Carabus saphyrinus* Cristoforis & Jan  
**species: 1**

**1.saphyrinus Cristoforis & Jan, 1837** N-Turkey:Istanbul to Rize

**ssp. saphyrinus Cristoforis & Jan, 1837** NE,NC-Turkey:Trabzon, Giresun, Rize, Samsun, Ordu; "Trabzon"(NT)  
=**wagneri Küster, 1846**  
~**artusi Schweiger, 1964; un** Trabzon:coast region  
~**ruspolii Breuning, 1964; un** Ordu:Akkus, Gököy, Ulubey  
=**besanconi Breuning & Ruspoli, 1970** Samsun:Carsamba(Akpinar nr.Carsamba), Ayvacik, Kavak; Amasya:Akdag env.  
=**juengeri Breuning & Ruspoli, 1970; emend.pro yungeri Breuning & Rusp.** Ordu:Mesudiye env.(betw.Mesudiye/Koyulhisar)  
~**yungeri Breuning & Ruspoli, 1970; un;** ios  
~**pseudowagneri Mandl, 1973; un** Trabzon:Zigana Pass

**ssp. pseudosaphyrinus Schweiger, 1964** NW,NC-Turkey:Bolu(Abant Mts.:deciduous forest), Kastamonu, Sinop  
~**pseudosaphyrinus Schweiger, 1962; un** Bolu:Abant Mts.:deciduous forest  
~**boluensis Schweiger, 1964; un** Bolu:Abant Mts.:coniferous forest  
~**korgei Heinz & Korge, 1964; un**  
=**kainashensis Schweiger, 1964** Bolu:pass betw.Bolu/Kaynasli  
~**rabaronianus Breuning, 1964; un**Sinop:Dranaz Dag; Kastamonu:Inebolu, Yaraligöz  
~**ilgazdagicus Blumenthal & Breuning, 1967; un** Kastamonu:Ilgaz Dag  
~**mengenensis Blumenthal & Breuning, 1967; un** Bolu:N of Mengen  
~**yenicensis Lassalle, 1998; un**Zonguldak:Yenice env., 800m

**ssp. pirihtous Reitter, 1896** NW-Turkey:Kocaeli:Izmit env.; Adapazari; Alem Dag E of Istanbul  
~**sapancae Blumenthal & Breuning, 1967; un** Adapazari:Sapanca, Goek Dag

**ssp. pseudopirihtous Mandl, 1965** NW-Turkey:Adapazari:Karapurcek:Karadag Massif; Bolu:Akcakoca; "Caucasus"(error)

**ssp. notabilis Roeschke, 1898** NW-Turkey:Bursa:Bursa env., Ulu Dag Massif  
=**kenyeryi Schweiger, 1964** Bursa:Ulu Dag Massif  
~**akdagicola Mandl, 1973; un** Bursa:Ak Dag(=Ulu Dag) Massif; alpine form

**PROCRUSTES Bonelli, 1809;** type species *Carabus coriaceus* Linné  
**species: 10**

**1.anatolicus Chaudoir, 1857** Cyprus, SW-Turkey:Antalya, Mersin

**ssp. anatolicus Chaudoir, 1857** Cyprus  
=**cypricus Roeschke, 1915** Cyprus

**ssp. lycicus Breuning, 1934** SW-Turkey:Antalya env.("Lycian Taurus:Adalia"); Mersin, Isparta  
=**resslianus Mandl, 1963** SW-Turkey:Mersin:Silifke  
=**gueneycensis Catloš & Moravec, 1999** SW-Turkey:Isparta:Davraz Dag Mts.:Güneyce env.

**2.banoni Dejean, 1829** Crete Island; Dia Island; Gaudos Island  
=**taborskyi (Mařan, 1948)**

**3.chevrolati Cristoforis & Jan, 1837** NW,C,E-Turkey; SW-Georgia; ?Armenia

**ssp. chevrolati Cristoforis & Jan, 1837** C-Turkey:Amasya(NT), Ankara, Kayseri, Yozgat, Adana, Tokat  
~**assimilis Cristoforis & Jan, 1837, nec Paykull, 1790** Amasya(NT)  
~**persimilis Csiki, 1927; un; nom.pro assimilis Cristoforis & Jan** Tokat(NT)

**ssp. thirki Chaudoir, 1857** Black Sea coast:Kastamonu to Artvin; "Ararat"(error)  
~**wiedmanni Cristoforis & Jan, 1837, nec wiedemanni Ménétris, 1836** Mts.S of Sinop(NT)  
=**surejae Csiki, 1927; nom.pro wiedmanni Cristoforis & Jan** Mts.S of Sinop(NT)  
~**ilgazdagghensis Heinz & Korge, 1964; un** Ilgazdag Massif  
=**dadayanus Schweiger, 1964** "Baumschule Gököy etwa 20km N von Kastamonu"  
~**golkoyensis Schweiger, 1964; un** "Baumschule Gököy etwa 10km N von Kastamonu"  
~**ilgazdagensis Schweiger, 1964; un** Ilgazdag Massif:fir forest zone  
=**chauveloti Breuning & Ruspoli, 1977** Artvin:Hopa  
=**esmeraldae Breuning & Ruspoli, 1977** S of Samsun  
=**portei Breuning & Ruspoli, 1977** Ordu:Gököy  
=**rodriguezi Breuning & Ruspoli, 1977** Samsun:Akpinar nr.Carsamba:left Yesilirmak River bank

**ssp. korbi Breuning, 1928** NE-Turkey:Kars, Artvin; S-Georgia:Akhazlikh; ?Armenia; ?"Transcaucasia"

**ssp. internatus Heinz & Korge, 1964** NW-Turkey:Bolu(Abant Mts.), Zonguldak; ?Cankiri

~cificandaghensis **Blumenthal & Breuning, 1967**; un Ankara/Bolu:Cifcan Dag  
=salignicola **Schweiger, 1969** Bolu env.:steepe zone

**ssp. vanensis Machard, 1985** CE-Turkey:Bitlis:Resadiye, Tatvan; Bingol env.

#### 4.clypeatus Adams, 1817

Caucasus, W-Georgia, Armenia; NE-Turkey:Artvin, N-Iran

**ssp. clypeatus Adams, 1817** C,E-Caucasus:Terek River, Dagestan, N-Iran:Kaleybar (~38:52/47:02)  
=rectoimpressus **Motschulsky, 1850** "Armenia"(LT; ?inexact)  
~caucasicus **Géhin, 1883, nec Adams, 1817** "Caucasus"

**ssp. kurnakovi Kryzhanovskij, 1968** W-Caucasus, W-Georgia, Armenia(Bakuriani), NE-Turkey:Artvin:Karckal Dag  
~fischeri **Faldermann, 1835, nec Fischer, 1823**  
~abchasicus: auct., non **Motschulsky**

#### 5.coriaceus Linné, 1758

Europe:France to European Russia; Balcans, Carpathians, Turkey, NW-Syria

**ssp. coriaceus Linné, 1758** C,W,NE-Europe:France to European Russia; ?"Germany"  
=punctulatus **Voet, 1778**; spn  
=spretus **Dejean, 1826** NW-Croatia, NW-Bosnia; NE-Italy:Trieste env.; "Fiume"(=Rijeka)  
~angusticollis **Motschulsky, 1859, nec Fabricius, 1801** "Carniolia"  
=cordicollis **Motschulsky, 1865** "Carniolia"(LT)  
=imminutus **Kraatz, 1879** Croatia:Pljesevica Mts.  
~sublineatus **Géhin, 1885**; un "Südrussland"(error)  
~tauricus **Ganglbauer, 1888, nec Bonelli, 1811** "Krym"(error)  
=basilicatus **Born, 1902** C,N-Italy(Basilicata:Val Rondina)  
=pseudorugifer **Sokolar, 1906** "Strassnitz"(=SE-Moravia:Strážnice)  
=occidentalis **Born, 1907** CW-France:Vienne:Poitiers  
~pueli **Lapouge, 1909**; un Bouches-du-Rhone:Ile de la Camargue  
~sabinus **Lapouge, 1909**; un C-Italy:?  
=cansiglianus **Bernau, 1914** NE-Italy:Veneto:Bosco di Cansiglio  
~italicus **Lapouge, 1924, nec Dejean, 1826** "Basses Alpes:Riez"(=Alpes-Hte-Provence)  
=altercoriaceus **Kolbe, 1925** "Neumark"(=Gorzów env.)  
=italianus **Csiki, 1927; nom.pro italicus Lapouge** "Basses Alpes:Riez"(=Alpes-Hte-Provence)  
=capellae **Depoli, 1929** "Capella"(=Croatia:Kapela Massif)  
~gracilis **Depoli, 1929, nec Küster, 1846** "Mte.Milonia & Timavo valley"(=Rijeka env.)  
~holoradiatus **Raynaud, 1966**; un  
~alaricus (Meyer, 1990); un  
=georgii **Thelot, 2004** ?

**ssp. banaticus Redtenbacher, 1849** S-Hungary; CW,SW-Romania; Serbia, Bosnia, Maced.; ?"Austria:Leitha Mts."(error); ?Banat  
=subrugosus **Kraatz, 1877** Banat:Bazias  
~weiratherianus **Breuning, 1936**; un Montenegro:Lebrsnik  
=praeillyricus **Szél, 1993** SW-Hungary:Baranya:Villányi Mts.:Szársomlyó

**ssp. mediterraneus Born, 1906** S-Italy:Calabria(Cimina, Antonimina)

**ssp. excavatus Charpentier, 1825, nec Paykull, 1790**; nbm Croatia & ?N-Albania:Adriatic Sea coast; "Pyrenees"(error)  
~rugosus **Dejean, 1826, nec Fabricius, 1775** Dalmatia:Vergorac  
=abchasicus **Motschulsky, 1850** "Abkhasia"(error)  
=nitidior **Reitter, 1881** Dalmatia:"Zara, Lesina"(=Zadar, Hvar Island)  
=dalmaticus **Géhin, 1885** "Dalmatia"  
=proximus **Reitter, 1885** Bosna & Hercegovina:?  
=monastiriensis **Lapouge, 1922**

**ssp. florinensis Lapouge, 1922** S-Macedonia; N,C-Greece:Makedonía("Florina:Camp.Grosetti"=Florina env.), Pindos Mt.R.  
~pindicola (Mařan, 1952); un N-Pindos Mts.:Malakassion(alpine form)

**ssp. ~joniensis Breuning, 1937; un; nom.pro graecus Dejean** S-Albania; NW-Greece:Ioannina env; Kerkyra Island; Ionian Isles  
~graecus **Dejean, 1829, nec Dejean, 1826** "Ionian Isles"  
~nitens **Gautier des Cottés, 1866, nec Linné, 1758** "Ionian Isles"  
=albanicus **Breuning, 1943** "S-Albania:Maj Tartarit"  
~hickermanus **Mandl, 1964**; un "Zante Island:Limne Makry"(=Zakynthos)  
=zanteanus **Breuning, 1964** "Zante Island"(=Zakynthos)

**ssp. cerisyi Dejean, 1826** CW,SW-Turkey:Izmir, Manisa, Antalya, Konya; S-Aegean Isles(Mytilene=Lesvos)  
=?vicinus **Waltl, 1838** "Balkan, Constantinopel"(=Istanbul; ?inexact)  
~punctulatus **Reiche & Saulcy, 1855, nec Schaller, 1783** Syra(=Syros Island)  
~melancholicus **Gistel, 1857, nec Fabricius, 1798** "Smyrna"(=Izmir)  
=impudicus **Gautier des Cottés, 1866** Rhodos  
~minor **Gautier des Cottés, 1866, nec Kraatz, 1860** "Melos Island"(=Milos)  
~sphodrinus **Gautier des Cottés, 1866, nec Fischer, 1844** Rhodos  
=olympicus **Géhin, 1885** "Bithynian Olymp"(=Bursa:Ulu Dag Massif)  
~icaricus **Ganglbauer, 1888**;un Samos & Ikaria Island  
~brussensis **Lapouge, 1909**; un "Brussa"(=Bursa)  
=bodemeyeri **Lapouge, 1924** ?Bilecik, Karakuey; ?Aksehir, Konya  
~kykladicus **Breuning, 1936**; un; nom.pro punctulatus **Reiche & Saulcy** Syra(=Syros Island)  
~bodemeyerianus (Mařan, 1952); un; nom.pro bodemeyeri **Lapouge** ?Bilecik, Karakuey; ?Aksehir, Konya

**ssp. foudrasi Dejean, 1829** S-Greece:Peloponnesos; Kythera Isl.; Morea(=Peloponnesos)  
=obtritrus **Chaudoir, 1857** "Graecia"  
~deplanatus **Motschulsky, 1859, nec Fischer, 1823** "Graecia"  
~coraxensis **Beheim & Breuning, 1943**; un S-Greece:"Korax Mts."

**ssp. mopsucrenae Peyron, 1858** SC-Turkey:Iřel:Tarsus, Mersin; Adana

**ssp. hopffgarteni Kraatz, 1878** E-Greece, SW,C-Bulgaria, SE-Serbia(Mt.Komska), E-Macedonia  
~semipunctatus Géhin, 1885, nec Donovan, 1806 Rila Mt.R.  
=emgei Ganglbauer, 1888 NE-Greece:Thessaloniki, Olympus & Ossa Massif, Parnassos Mt.R.; Euvoia Island  
~oetensis (Mařan, 1952); un CE-Greece:Oeta(=?Oite Massif NW of Parnassos)  
~olympicola (Mařan, 1952); un NE-Greece:Olympos Massif, 2600m(alpine form)  
~storkani (Mařan, 1952); un NE-Greece:Alexandroupoli  
~xanthiensis (Mařan, 1952); un NE-Greece:Xanthi(=Xanthé)  
~borchmanni Mandl, 1959; un "Stehni-Euböa"(=Euvoia Island)  
=deorum (Jeanne, 1970) NE-Greece:Olympos Massif:W-slope:Mt.Agios-Antonios, 2000m  
=roeri Blumenthal, 1976 NE-Greece:Chalkidiki:Vaydos

**ssp. resslı Mandl, 1961** SE-Turkey:Antakya:Iskenderun env.; betw.Malatya/Elazig; NW-Syria  
~montisgavurensis Mandl, 1975; un SE-Turkey:Adana/Gaziantep:Nurdagi Pass

**ssp. kindermanni Waltl, 1838** SE-Bulgaria:Burgas, Sliven env.; NW-Turkey; ?SE-Romania; "Konstantinopel"(=Istanbul)  
=caraboides Waltl, 1838 "Balkan"  
=dobrudjensis Born, 1902 SE-Romania:Mangalia  
~pseudofurax (Mařan, 1952); un "Kalofer Balkan"(=Stara Planina Mt.R.nr.Kalofer)  
~mehmeti Battoni & Blumenthal, 1973; un Adapazari:Gök Dag nr.Sapanca

**ssp. rugifer Kraatz, 1877** Carpathians(?C-Romania:Sinaia)  
~rugulosus Ganglbauer, 1888; un C-Romania:Azuga  
~testis Lapouge, 1909; un C-Romania:Sinaia

**ssp. furax Csiki, 1927; nom.pro montandoni Born** SC-Romania(Vlasca:Comana)  
~montandoni Born, 1902, nec Buysson, 1882 Vlasca:Comana

**6.impressus Klug, 1832, nec Panzer, 1797;** nbm SE-Turkey, Syria, Lebanon, Israel, Jordan; C-Iraq:Baghdad env.; ?Sinai Peninsula

**ssp. impressus Klug, 1832, nec Panzer, 1797;** nbm SE-Turkey:Antakya env.; Lebanon, CW-Syria; C-Iraq:Habbanyiah Lake W of Baghdad  
~anxius Lapouge, 1914, nec Duftschmid, 1812

**ssp. hybridus Ganglbauer, 1887** SW-Lebanon & W-Israel:sea coast; ?NE-Egypt:Sinai:El Arish; Syria(=currently Lebanon)  
~saronicus Lapouge, 1907; un "Jaffa"

**ssp. carmelita Lapouge, 1907** N,C-Israel("Galilea, Mt.Carmel, Nazareth")

**ssp. palaestinus Lapouge, 1907;** ?un C-Israel:N,W of Yerushalaim("Jerusalem"; LT with no locality data); Antilebanon Mt.R.

**ssp. dani Schweiger, 1970** NE-Israel:Jordan River source area(Banyas), ?Hermon Massif

**ssp. hureishanus Schweiger, 1970** SW-Israel:Negev region:"Djebel Hureisha"(=?Har Ramon Mts.); ?NE-Egypt:C-Sinai

**ssp. impressulus Schweiger, 1970** NW-Israel:Haifa env., Elon; SW-Lebanon:Saida env.

**ssp. jordanicus Schweiger, 1970** CE-Israel:E of Yerushalaim(Wadi Makkuk/Rijan NW of Jericho)

**ssp. negevensis Schweiger, 1970** S-Israel:Negev region, Beer Sheva env.

**ssp. simulacrum Rapuzzi, 1997** SE-Turkey:Gaziantep(ca.10-15km W Kilis); N-Syria:Cyrrhus(=W of Kilis)

**ssp. inflator Deuve, 1998** NW-Syria:"Alep env."(=Haleb); 4f

**ssp. foveolator Deuve, 1998** N-Syria:"Jesr'al"

**ssp. bourgoini Deuve, 1998** W-Jordan:Petra; 1m

**ssp. halfeticus Korell, 1999** SE-Turkey:Sanli Urfa:Halfeti

**ssp. palmyrus Görgner, 1999** C-Syria:Tamdoria:97km NW Palmyra:22km SE Uqayribad

**ssp. desertum Rapuzzi & Kleinfeld, 2000** SW-Syria:Dimashq env.("W-Damascus:Antilibano, 5-12km NE Assad vill., 1000m")

**ssp. drusum Rapuzzi & Kleinfeld, 2000** SW-Syria:Jebel al Druz Mts.:Es Suweida, 1050-1600m

**ssp. neojordanicus Kleinfeld & Rapuzzi, 2004** NW-Jordan:Amman env.(Wadi Sir near Amman)

**7.mulsantianus Morawitz, 1886; nom.pro asperatus Mulsant** SC,SE-Turkey:Mersin to Antakya; NW-Syria

**ssp. mulsantianus Morawitz, 1886; nom.pro asperatus Mulsant** SC-Turkey:Mersin:Gülek; Adana; Antakya; ?"Cilicia:Adana env."  
~asperatus Mulsant, 1853, nec (Dejean, 1826) ?"Cilicia:Adana env."  
=kotschyi Ganglbauer, 1887 ?"Cilician Taurus"  
~akbesianus Lapouge, 1914; un Antakya:"Akbes"(nr.Iskenderun)  
=aleppensis Lapouge, 1914 NW-Syria:Haleb env.("Aleppo"=Haleb)  
~adspersarius Lapouge, 1917; un ?"Cilicia"  
~nurdaghensis Blumenthal, 1967; un Antakya:Nur Dagi:Kirikhan env.

**ssp. bernhauerorum Heinz, 1977** SE-Turkey:Kahramanmaras:pass S of Göksun

## 8.payafa White, 1845 SC-Turkey

**ssp. payafa White, 1845** S-Turkey:Mugla, Antalya, Isparta; "Lycia:Günek"  
=**pseudoacuticollis Čatloš & Moravec, 1999** SW-Turkey:Antalya:Bademli Pass

**ssp. acuticollis Motschulsky, 1858** SC-Turkey:Antalya, Icel, Adana, Kahramanmaras; "Kurdistan"(inexact); alpine form  
=**drouxianus Machard, 1986** Konya:N of Ermenek:Yellibeli Pass(alpine form)

## 9.piochardi Géhin, 1883 Lebanon, N-Israel, NW-Syria, NE-Turkey:Antakya

**ssp. piochardi Géhin, 1883** C-Lebanon:E of Beirut:Djebel Sannin(LT)

**ssp. praestigiator Morawitz, 1886; nom.pro ehrenbergi Klug, 1832** N,C-Lebanon; "Syria"(currently Lebanon)  
~**ehrenbergi Klug, 1832, nec Fischer, 1829** "Syria"(currently Lebanon)

**ssp. azari Deuve, 1998** N-Lebanon:Fnaideq env.:Mts.W of Mechmech, 1000m

**ssp. pierpaolo Kleinfeld & Rapuzzi, 2004** N-Lebanon:Bcharré env. (El Arz, 1900m)

**ssp. labruleriei Géhin, 1883** S-Lebanon:Dj.Cheik, El Hebbariyé, Ebel es Saqi, Marjaayoun; N-Israel:Zefat, Elon env.  
=**bytinskii Schweiger, 1970** N-Israel:Elon

**ssp. bardawilae Deuve, 2002** S-Lebanon:Rachaya

> **ssp. morawitzi Ganglbauer, 1887** SE-Turkey:Antakya, Gaziantep; NW-Syria:Al Ladhqiyyah env.; "Asia Minor"  
=**montesamanus Mandl, 1967** SW-Turkey:Gaziantep:Amanus Mts.:Sakçagözü:Fevzipaşa env.  
=**discipulus Rapuzzi, 1997** Antakya:betw.Reyhanli/Cilvegozu  
=**tainei Lassalle, 1998** Antakya:Yayla Dag, 800m  
=**grososae Deuve & Remond, 1998** NW-Syria:Halab env.

**ssp. gezei Deuve, 2002** N-Lebanon(Qammouaa)

**ssp. pinguis Lapouge, 1914** "Palestine:Nazareth" (=N-Israel:Nazerat; NT)

## 10.talyschensis Ménétriés, 1832 Azerbaydzhan:Talysh; N-Iran:Gilan & Elborz Mt.R.

**ssp. talyschensis Ménétriés, 1832** Azerbaydzhan:Talysh; N-Iran:Gilan Mt.R.; W,C-Elborz Mt.R.  
~**elongatus Motschulsky, 1859, nec Duftschmid, 1812** "conf.Pers."  
~**glabripennis Mandl, 1953**; un "Mazenderan"

**ssp. luctuosior Deuve, 1994; nom.pro luctuosus Zoubkoff** NE-Iran:E-Elborz Mt.R.: "Astrabad" (=Gorgan); SW-Turkmenistan:Kopetdag  
~**luctuosus Zoubkoff, 1837, nec Villers, 1789** "Astrabad" (=Gorgan)

## LAMPROSTUS Motschulsky, 1865; type species Carabus spinolae Cristoforis & Jan = Carabus torosus spinolae

Cristoforis & Jan

**species: 12**

## 1.calleyi Fischer, 1823 Georgia, Armenia, E-Turkey; Azerbaydzhan:Talysh env.; N-Iran:Gilan Mt.R.

**ssp. calleyi Fischer, 1823** Georgia, E-Caucasus; "Transcaucasia:Georgia/Persia borders"

**ssp. prasinus Ménétriés, 1832, nec Thunberg, 1784;** nbm N-Iran:Gilan Mt.R.; Azerbaydzhan:Lenkoran env.; "Talysh:Perimbal nr.Lenkoran"; LT  
=**prasinescens Deuve, 1994; nom.pro prasinus Ménétriés**

**ssp. prevosti Gory, 1833** Georgia: ?Akhalsikhe env.; "Sibiria"(by error; LT)  
=**renardi Chaudoir, 1846** Georgia: "Abastumani nr.Achalzich" (=Akhalsikhe; LT)  
=**thermarum Motschulsky, 1850** Georgia: "Achalzik" (=Akhalsikhe; LT)  
~**procrustoides Lapouge, 1909, nec Géhin, 1885**

**ssp. pseudoprasinus Lapouge, 1912** S-Armenia; S-Georgia; "Transcaucasia"  
=**manderstjerni Motschulsky, 1852** "Alp.Cauc., Persia"(LT)  
~**pseudocalleyi Lapouge, 1914; un; error for pseudoprasinus Lap., 1912**  
=**nigropolitulus Mandl, 1970** Armenia: ?Sevan Lake  
=**araxenus Jablov-Khnzorian, 1976** ?Araks valley

**ssp. subnigrinus Heinz, 1970** CE-Turkey:Agri: "Tahir Pass" (=Sağ Pass betw.Tahir/Horasan)

**ssp. martinae Machard, 1977** NE-Turkey:Artvin:Yalnizcam Pass; Kars:Kars env., Göle, Sarikamis

=catakensis Machard, 1985 Kars:Catak nr.Sarikamis

**ssp. chaudiroides Deuve, 1995** "Caucasus"; ?Dagestan:Bogosskiy Mt.R.

**ssp. chalconatus Mannerheim, 1830** E-Turkey:Gümüşhane, Bayburt(Kop Dag), Erzurum, Sivas, Adana, Kirsehir

=luxuriosus Motschulsky, 1844

=chalcochlorus Chaudoir, 1852 SE-Turkey:Diyarbakir(probably by error)

~ambiguus Lapouge, 1914, nec Paykull, 1790

=hozari (Mañan, 1952) Kirsehir:Mucur

~tschimenensis Breuning, 1964; un Tschimen Dag nr.Bayburt

=hisarensis Darge, 1989; non junior homonym Sivas/Ordu:old road betw.Koyulhisar/Mesudiye

=koyunensis Darge, 1990; nom.pro hisarensis Darge Sivas/Ordu:old road betw.Koyulhisar/Mesudiye

=maguini Auvray, 1994 Sivas:Corakbogazi Pass S of Imranli

**ssp. subnigritulus Heinz, 1990** E-Turkey:Erzurum:W of Narman:Kirecli Pass

**ssp. claudauvrayi Cavazzuti, 2001** E-Turkey:Gümüşhane:Kostandagi Pass, 2600-2700m

**ssp. nigrinus Motschulsky, 1865** Azerbaydzhan:Talysh env.; N-Iran:Gilan Mt.R.; Conf.Pers.Lenkoran(LT)

= rechingerae Mandl, 1972 N-Iran:Azarbaijan:Dasht Moghan:betw.Ardabil/Parsabad(=near Guermi); 1f

**ssp. inseriatus Mandl, 1955** N-Iran:Azarbaijan:W of Ardabil:Nir env.; "Persia"

=nirensis Heinz, 1970 N-Iran:Azarbaijan:W of Ardabil:Nir

**ssp. machardiellus Deuve, 1991; nom.pro kurdistanicus Machard** CE-Turkey:Van:Güzeldere Pass nr.Baskale

~kurdistanicus Machard, 1986, nec Eidam, 1931 Van:Güzeldere Pass nr.Baskale

**2.cylindricus Lapouge, 1914, nec Herbst, 1784;** nbm N-Iran:Elborz Mt.R.(probably Rasht env.; NT)

=cylindricior Deuve, 1994; nom.pro cylindricus Lapouge

=staveni Heinz, 2002 N-Iran:Gilan:S of Dailiman (Siah-Sar); Durfak env.

**3.erenleriensis Schweiger, 1966** NW-Turkey:Bolu to Cankiri

**ssp. erenleriensis Schweiger, 1966** NW-Turkey:Bolu:betw.Bolu/Mudurnu(Abant Mts.); Kaynasli env.

~erenleriensis Schweiger, 1962; un Bolu:Abant Mts.

=kaynasliensis Machard, 1975 Bolu:betw.Bolu/Duzce:Kaynasli

**ssp. bithynicus Heinz & Korge, 1967** NW-Turkey:Bolu:betw.Duzce/Akcakoca(S of Akcakoca)

**ssp. pseudotorosus Schweiger, 1969** NW-Turkey:Bolu:SW of Mengen

**ssp. fortepunctatus Battoni & Blum., 1973; nom.pro rotundicollis Blum.& Br.** NW-Turkey:Cankiri:Eskipazar; NE of Bolu:Mengen, Yedigöller ~rotundicollis Blumenthal & Breuning, 1966; un NE of Bolu:Mengen

**ssp. karadaghensis Battoni & Blumenthal, 1973** NW-Turkey:Adapazari:Kara Dag Massif S of Akyazi, Dogancay env.

**ssp. ahmetustaensis Cavazzuti, 1987** NW-Turkey:Zonguldak:Ahmetusta Pass, Eflani

**ssp. hamus Basquin & Legrand, 1991** NC-Turkey:Ankara:Camlidere

**4.guycolasianus Deuve, 2001** N-Iran:Gilan, Mazandaran

**ssp. guycolasianus Deuve, 2001** N-Iran:Mazandaran:100km S Chalus; Gilan:Rostamabad

**ssp. colorescens Deuve, 2001** N-Iran:Elborz Mt.R.?( "Elburs")

**5.hemprichi Dejean, 1826** Lebanon, W-Syria, Israel, NE-Turkey:Antakya; ?Sinai Peninsula

**ssp. hemprichi Dejean, 1826** N,C-Lebanon, W-Syria:Homs, Haleb; "Syria"

~libanicus Lapouge, 1907; un "Lebanon"

~spaethi Lapouge, 1907; un LNF

~ruginus Lapouge, 1914; un

**ssp. damascenus Lapouge, 1924** SW-Syria:Dimashq env.("Damascus"), Baalbek; NE-Israel:Jordan River sources

**ssp. propheta Rapuzzi, 1995** SE-Turkey:Antakya:betw.Reyhanli/Cilvegozu

**ssp. sidonius Lapouge, 1907; ?un** SW-Lebanon(Saida) & W-Israel:sea coast; ?NE-Egypt:Sinai:El Arish

~epistomalis Lapouge, 1907; un Saida

**ssp. elonensis Schweiger, 1970** C,N-Israel(Elon)

**ssp. cheikhermonensis Deuve, 1992** Lebanon:Antilebanon Mt.R.:E of Saida:Djebel-ech-Cheik

**6.ledouxii Deuve, 2001** N-Iran:Gilan/Azarbaijan:Khalkhal(E of Heroabad:Mt.Charasu Dag), Ardabil, Asalam  
> ~**pseudonirensis Blumenthal, in litt.**

**7.punctatus Castelnau, 1835** NW-Syria; N-Lebanon; NE-Turkey:Antakya; "Syria"  
~**duponcheli Barthelemy, 1837, nec Dejean, 1831**  
=**durvillei Dupont, 1838**  
=**judaicus Géhin, 1885** "Syria:Jbel Sannin"(=C-Lebanon:E of Beyrut:Djebel Sannin)  
=**cristatopunctatus Lapouge, 1907**  
~**vagepunctatus Lapouge, 1907; un** N-Lebanon  
=**koubbii Deuve, 1998** N-Syria:"Jes'al"

**8.robustus Deyrolle, 1869** NE-Turkey:Giresun to Rize; ?Georgia:Batumi

**ssp. robustus Deyrolle, 1869** NE-Turkey:Trabzon env.; ?Georgia:Batumi; "Trébizonde"(=Trabzon; LT)  
=**callipeplus Schaufuss, 1882**  
=**extremus Schaufuss, 1882**  
=**perfectus Schaufuss, 1882**  
=**semirugosus Schaufuss, 1882**  
~**sexpunctatus Schaufuss, 1882, nec Linné, 1758**  
=**triumphator Schaufuss, 1882**  
=**colossus Bleuse, 1896**  
=**trapesunticus Eichler, 1924** "Elleon nr.Trapezunt"(=Trabzon)

**ssp. ducalis Schaufuss, 1882** NE-Turkey:Trabzon:Macka, Zigana Pass; Rize:Kaptanpasa; LNF  
~**singanensis Breuning, 1932; un** NE-Turkey:Trabzon:"Singana Dag"(=Mts.nr.Zigana Pass)  
=**subrobustus Machard, 1994** Rize:Dereköy SE of İkizdere

**ssp. athleta Semenov, 1896** NE-Turkey:Gümüşhane:Köse, Siran, Kelkit env.

**ssp. triumphans Cavazzuti, 1987** NE-Turkey:Giresun:Tirebolu env.(Eymur Köyü, 150m); Trabzon:Tonya env.  
=**exsultans Cavazzuti, 1993** NE-Turkey:Giresun:Espiye env.

**ssp. kaptanpasa Cavazzuti, 2001** E-Turkey:Rize:Kaptanpasa, 1500m

**ssp. pseudorobustus Blumenthal & Heinz, 1977** NE-Turkey:Giresun:Kulakkaya(exactly: ca.10km S Yavuzkema); Kümbet env.  
=**yavuzkemalensis Deuve & Remond, 2001** NE-Turkey:Giresun:Yavuzkema, 1300m; btw. Pinarlar/Yavuzkema, 1000m  
=**pseudocolossus Cavazzuti, 1993** NE-Turkey:Giresun:betw.Giresun/Dereli:Konacik

**ssp. egribelensis Deuve & Remond, 2001** NE-Turkey:Giresun:N of Egribel Pass; 1600-1700m

**9.rostandianus Deuve, 2005** "Lebanon:Farm, May 65"; 1m

**10.saulcyi Piochard, 1875** N-Lebanon, NW-Syria

**ssp. saulcyi Piochard, 1875** N-Lebanon:Lebanon Mt.R.:Eden(=Ehden),"Khamés"(LT)  
=**chambouqensis Lassalle, 1998** N-Lebanon:Chambouq

**ssp. jitkae Deuve & Macek, 1990** NW-Syria:Al Ladhikiyah:Djebel Ansariya Mts.(Qerdaha env.)

**ssp. ehdenensis Deuve, 1992** N-Lebanon:Ehden(?by error; 1m)

**11.syrus Roeschke, 1898** Lebanon

**ssp. syrus Roeschke, 1898** Lebanon:Lebanon Mt.R.:E of Beyrut:Djebel Sannin

**ssp. cheikensis Deuve, 1992** Lebanon:Antilebanon Mt.R.:Djebel-ech-Cheik

**ssp. saidaensis Deuve, 1992** S-Lebanon:Saida; 1m

**ssp. pseudopinguis Heinz & Staven, 2000** N-Jordan:NW of Jarash:Sakhra, Ajlun; W of Jarash:SW of Anjarah

**ssp. moukarzelae Deuve, 2002** S-Lebanon:Marjaayoun

**ssp. eidae Deuve, 2002** S-Lebanon:Rachaya

**ssp. lecordieri Deuve, 1992** "Upper Jordan:Khent"; 1m

**12.torosus Frivaldsky, 1835** E-Bulgaria; NW,C,NE-Turkey; ?SE-Romania



**ssp. torosus Frivaldsky, 1835** E-Bulgaria; ?SE-Romania; "E-Balcans:Black Sea coast"

**ssp. jani Géhin, 1885; nom.pro moestus Cristoforis & Jan, 1812** CW-Turkey:Bilecik, Eskisehir, Konya, Afyon, Kayseri, Adana, Icel, Isparta  
~**moestus Cristoforis & Jan, 1837, nec Duftschmid, 1812** Eskisehir  
~**escherichi Lapouge, 1905; un** Konya:Sultandag nr.Aksehir; Afyon:Emirdag  
~**bodemeyeri Lapouge, 1914; un** Konya  
~**mundus Lapouge, 1914; un** "Damascus"(error)  
=**hoberlandti (Mařan, 1952)** Erciyas Dag, Bolkar Dag, Bakir Dag  
=**gajaci Breuning, 1979** Isparta:Davraz Dag  
=**hahni Mandl, 1980** Konya:Karapinar env.

**ssp. procrustoides Géhin, 1885** C-Turkey:Diyarbakir, Malatya

**ssp. pseudescherichi Breuning, 1962** C-Turkey:Konya:Tuz Lake:E-coast  
=**vignatagliantii Breuning & Ruspoli, 1977** Konya:Tuz Lake env.

**ssp. cankirianus Blumenthal & Breuning, 1967** NW-Turkey:Cankiri:betw.Cankiri/Ilgaz(steppe N of Cankiri), Cerkes env.; Ankara:Güvem  
=**basquinianus Darge, 1992** Ankara:betw.Yukaricanli/Güvem  
=**crudus Darge, 1992** Cankiri:Sacakbeli Pass  
=**xanthicus Darge, 1992** Cankiri:Kurtcimeni env.

=**reynieri Charet, 1992** Cankiri:Sacakbeli Pass betw.Cerkes/Sabanözü

**ssp. leonidas Cavazzuti, 1999** SW-Turkey:Isparta:Gelendost

**ssp. spinolae Cristoforis & Jan, 1837; ?non priority** C-Turkey:Amasya(NT), Samsun, Ankara, Kirsehir, Yozgat, Corum, Tokat  
=**bonplandi Ménétríés, 1837; ?priority** "environs od Constantinople"(=Istanbul; ?inexact)  
=**lamprus Chaudoir, 1850** Samsun; "Anatolia"  
=**phaedimus Schaufuss, 1882** Amasya  
~**obesus Lapouge, 1909; un** Tokat  
=**mercatii Breuning & Ruspoli, 1970** Tokat:Mamo Dag nr.Almus(=ca.10km WNW Almus)

**ssp. salignus Schweiger, 1969** NC-Turkey:Samsun:Kavak

**ssp. vexator Schweiger, 1969** NC-Turkey:Amasya:Merzifon; Samsun:Ladik env.

**ssp. ladikensis Deuve & Charet, 1992** NC-Turkey:Samsun:Ladik

**ssp. nordmanni Chaudoir, 1848** NE-Turkey:Black Sea coast betw.Samsun/Ordu; LT without locality data  
=**productus Hampe, 1852** LT without locality data  
=**rabaroni Breuning, 1964** Ordu:forest zone nr. Akkus  
=**enricoi Battoni & Blumenthal, 1973** Ordu:betw.Gölköy/Mesudiye  
=**sturanicus Breuning & Ruspoli, 1979** Samsun:Akpinar nr.Carsamba  
=**dominici Thomé, 1987** Ordu:ca.5km S Mesudiye

**ssp. giresuni Breuning, 1964** NE-Turkey:forest zone above Giresun/Ordu; betw. Dereli/Yavuzkema; Egribel & Sehitler Pass  
~**paululus Heinz & Korge, 1964; un** Giresun:Egribel Pass(alpine form)  
=**drouxi Machard, 1977** NE-Turkey:Giresun:betw.Dereli/Kümbet, 1500m

**ssp. pseudoducalis Heinz & Korge, 1967** NW-Turkey:Kastamonu:betw.Ilgaz/Kastamonu(Ilgaz Dag Massif)  
~**pseudoducalis Schweiger, 1964; un** Kastamonu:Ilgaz Dag Massif

**ssp. usurpator Cavazzuti, 1987** NW-Turkey:Kastamonu:Devrekani env.(N of Devrekani)

**ssp. sinopensis Breuning & Ruspoli, 1970** NC-Turkey:Sinop:Dranaz Dag  
~**sinopensis Breuning, 1961; un** Sinop:Dranaz Dag  
~**caeruleoviolaceus Breuning & Ruspoli, 1970; un** betw.Dranaz Dag/Sinop

**ssp. lohsei Blumenthal & Heinz, 1978** NC-Turkey:Kastamonu & Sinop:Devrekani to Sinop(Yaraligöz Massif)

**ssp. rouziei Breuning & Ruspoli, 1970** NC-Turkey:Tokat(Dumanli Dag nr.Almus=SE of Almus), Sivas

**ssp. rigouti Basquin & Darge, 1986** NC-Turkey:Sivas:Koyulhisar env.

**MACROTHORAX Desmarest, 1850;** type species Carabus aumonti Lucas  
**species: 4**

**1.aumonti Lucas, 1849** NW-Algeria, N-Morocco

**ssp. aumonti Lucas, 1849** NW-Algeria:"Djemaa nr.Nemours"(=Ghazaouet), Maghnia; NE-Morocco:Oujda env.  
=**lepitrei Krausse, 1910** Morocco:Angad plateau(=betw.Oujda/Maghnia)  
=**sculptus Lapouge, 1925** NW-Algeria:"Lalla Maghnia"(=Maghnia)

**ssp. maroccanus Bedel, 1895** N-Morocco:Rif Mts., Melilla, Taza, Sefrou, Meknes  
=**lapougei Krausse, 1910**  
~**riffensis Boettger, 1921; un** N-Morocco:Rif Mts.:?

## 2.morbillosus Fabricius, 1792 NW-Africa, S-Spain, Balears, Sicily, Sardinia, Corsica, S-Italy:Calabria

**ssp. morbillosus Fabricius, 1792** NC,NE-Algeria:Alger env.:Medea, Blida, Tizi Ouzou, Mt.Djurdjura; Bejaia; "Barbaria"  
=mittrei Lucas, 1849 NE-Algeria:"Bougie env."(=Bejaia)  
=cheminorum Deuve, 1988 S-France:Var:Frejus; introduced

**ssp. alternans Palliardi, 1825, nec Fabricius, 1792;** nbm Sicily; S-Italy:Calabria  
=servillei Solier, 1835  
~viridulus Ragusa, 1905, nec Kraatz, 1878  
=bruttianus Born, 1906 Calabria:Aspromonte massif:Sta.Eufemia d'Aspromonte  
~borni Krausse, 1908, nec Meyer-Darcis, 1902  
=sicanus Csiki, 1927; nom.pro borni Krausse

**ssp. constantinus Kraatz, 1899** NE-Algeria:Constantine, Setif; N,CE-Tunisia; NW-Libya:Yafran; Sardinia, Corsica, Lampedusa  
=arborensis Krausse, 1908 Sardinia:Asuni  
=galloprovincialis Lapouge, 1910 S-France:Var:Muy; introduced  
~relictus Krausse, 1910, nec Semenov, 1888 S-France:Les Maures; introduced  
=corsicanus Lapouge, 1913 Corsica  
=lampedusae Born, 1925 Lampedusa Island  
~bodemeyeri Kolbe, 1928, nec Lapouge, 1924 Tunisia:Ain-Draham nr.Tebarca(=Tebarka)  
=mirei Breuning, 1975 NE-Algeria:Setif:Djebel Babor Massif

**ssp. cychrisans Lapouge, 1899** NW-Algeria:Oran env. ?Maghnia  
~marginatus Lallemant, 1868, nec Linné, 1758 Oran  
=oranicus Csiki, 1927; nom.pro marginatus Lallemant NW-Algeria:Oran

**ssp. macilentus Lapouge, 1899, nec Olivier, 1795;** nbm S-Spain:Alicante, Murcia; Balears  
=ferrugatus Lapouge, 1899 Balears  
=balearicus Lapouge, 1913 Balears

## 3.planatus Chaudoir, 1843, nec Duftschmid, 1812; nbm N-Sicily; LNF(unlabelled NT) =thomsoni Fairmaire, 1857

## 4.rugosus Fabricius, 1792 N,C-Morocco, Spain, Portugal; introduced:SC-France

**ssp. rugosus Fabricius, 1792** N,C-Morocco:Oued Tensift-Marrakech-Taza-Tanger-Ribat-Casablanca  
=barbarus Dejean, 1826 "Africa"(?Tanger)  
=macurebus Géhin, 1885 "Morocco:Tlemcen"(=Algeria:W of Oran; ?error)  
~richteri Quedenfeldt, 1887 Morocco:Casablanca  
~tingitanus Lapouge, 1902; un Morocco:?Tanger  
=beidensis Codina, 1927 Morocco:Casablanca  
=promeces Alluaud, 1930 Morocco:Oued Cherrat(=betw.Dar el Beida/Ribat:nr.Ben Slimane)  
=pseudorichteri M.Machard & P.Machard, 1993 Morocco:SW of Afouer:El Tleta-Ouzoud; 1m

**ssp. celtibericus Germar, 1824** Portugal; W-Spain:Galicia - Caceres - Huelva; Portugal  
=brannani Schaufuss, 1871 S-Portugal:?Portalegre; ?Sierra de Estrella  
~semicyanescens Bra?es, 1985; un  
=pseudoboeticus Lassalle, 1986 SW-Spain:Huelva:La Palma del Condado  
=condadoensis Bra?es, 1992; nom.pro pseudoboeticus Lassalle SW-Spain:Huelva:La Palma del Condado

**ssp. laufferi Breuning, 1927** C-Spain:Avila env.

**ssp. baeticus Deyrolle, 1852** S-Spain:Sevilla - Granada - Almeria; "Cordillères Bétiques"  
~andalusiacus Géhin, 1885; un Andalusia  
=seguranus Lauffer, 1905 Jaen/Granada:Sierra de Segura Mts.(alpine form)  
~breuili Alluaud, 1930 Andalusia:Laguna de Janda  
~pseudobaeticus Bra?es, 1985; un Granada:?

**ssp. levantinus Lauffer, 1905** E-Spain(Murcia & Valencia); SC-France:Pyrenées-Orientales(?introduced)  
=barnolai Xaxars, 1921 Barcelona:St.Boy de Llobregat  
=vermiculosus Fons, Leplat & Ferrero, 1993 SC-France:Pyrenées-Orientales:Albères Massif:E-slope; ?introduced

## RELICTOCARABUS Ledoux, 1984; type species Relictocarabus meurguesae Ledoux = Carabus meurguesianus Ledoux species: 1

**1.meurguesianus Ledoux, 1990; nom. meurguesae (Ledoux)** Morocco:High Atlas:Djebel Toubkal  
Massif:Oukaimeden env.; "Grand Atlas"  
~meurguesae (Ledoux, 1984), nec Ledoux, 1980 "Grand Atlas"

**AOPLESIIUS Deuve, 1990;** type species *Carabus omphreodes* Reitter  
**species: 4**

**1.deuvei Lassalle, 1986** CE-Turkey:Tunceli, Muş

**ssp. deveui Lassalle, 1986** CE-Turkey:Tunceli:Pülümür, 1600m

**ssp. hajdaji Häckel, 2007** CE-Turkey:Muş:60km NW Muş:Bulgan Geçidi, 38°56'N/41°08'E, 1630 m; 1m

**2.legrandi Deuve, 1991** NE-Turkey:Kars:Digor

**3.omphreodes Reitter, 1898** SE-Turkey:Mardin; 1m

**4.pseudodepressus Machard, 1988** SE-Turkey:Bitlis:S-coast of Van Lake:Resadiye; 1m/1f

**INIOPACHUS Solier, 1848;** type species *Carabus pyrenaeus* Audinet-Serville  
**species: 2**

**1.auriculatus Putzeys, 1872** NW-Spain:Cantabrian Mts.

**ssp. auriculatus Putzeys, 1872** NW-Spain:Cantabrian Mts.:Picos de Europa Massif  
= **impensus Reitter, 1896** Picos de Europa Massif  
~ **emmanueli Prunier, 1993; un**

**ssp. ubinensis (Puisségur, 1955)** NW-Spain:Cantabrian Mts.:Pena Ubina Massif  
~ **mestrei (Puisségur, 1955); un**  
= **ornizensis Meyer, 1998** Cantabrian Mts.:Pena de Orniz

**2.pyrenaeus Audinet-Serville, 1821** N-Spain & S-France:Pyrenees

**ssp. pyrenaeus Audinet-Serville, 1821** W-Pyrenees:Pic d'Orhy to Pic de Vignemale Massif; Hautes Pyrénées  
~ **punctatus Géhin, 1885, nec Castelnau, 1835**  
= **ignitus Reitter, 1896** Hautes Pyrénées  
~ **cephalotes Nicolas, 1919, nec Linné, 1758** Pyrenees-Atlantiques:Sede-de-Pan  
= **cephalicus Csiki, 1927; nom.pro cephalotes Nicolas** Pyrenees-Atlantiques:Sede-de-Pan  
~ **punctatulus Csiki, 1927; un; nom.pro punctatus Géhin**  
~ **punctatulus (Jeannel, 1941), nec Fabricius, 1792**  
~ **occidentalis Jeanne, 1969, nec Born, 1907** Pyrénées-Atlantiques:Pic d'Orhy, 2000m

**ssp. costulus Géhin, 1885; nom.pro costatus Kraatz** Pyrenees-Orientales:Mt.Canigou Massif; "E-Pyrenees"  
~ **costatus Kraatz, 1878, nec Germar, 1824** E-Pyrenees

**ssp. cerdanus Lapouge, 1924** Andorra:Mt.Casamanya to Pyr.-Or.:Puigmal Massif; N-Spain:Maladetta nr.Olot:Col d'Envalira  
~ **laurentii Rouselle, 1976; un**

**ssp. vallierensis Colas, 1965** C-Pyrenees:Ariege, Val d'Aran, Mt.Vallier:Port d'Aula

**ssp. jeanneli Deuve, 1994** C-Pyrenees:Pic de Vignemale Massif to Viella env.; Huesca:Pt.de Venasque  
~ **immetallicus Nicolas, 1898; un**  
~ **gavarniensis Pater, 1938; un**  
~ **viridissimus Pater, 1938; un**

**CHRYSOTRIBAX Reitter, 1896;** type species *Carabus hispanus* Fabricius  
**species: 2**

## 1.hispanus Fabricius, 1787

C,CW,CE,SC-France; "Spain"(error; perhaps: Lozère:Ispaniac)  
~hispanicus Thomson, 1875; un; error for hispanus Fabricius  
~gabalicus Géhin, 1885; un Lozère  
~cevennicus Jacquet, 1886; un SE Massif Central:Cevennes Mts.  
=boudeti Beuthin, 1892 Drôme:Foret de Saou  
~cebennicus Vuillefroy, 1892 SE Massif Central:Cevennes Mts.  
=languedocianus Vuillefroy, 1892 HT not designated  
~castaneus Lapouge, 1902; un Lozère  
=latissimus Lapouge, 1910 Aude:Rennes les Bains  
=auzati Le Moul, 1912 Dufourt  
=infernalis (Lebis, 1958) Tarn:Foret de la Grésigne  
~mourguesi (Puisségur, 1962); un Lozère.Saint-Germain-de-Calberte  
=berardi (Raynaud, 1967) Loire:Saint-Victor-sur-Loire  
~infuscatus (Raynaud, 1967); un Tarn:Foret de la Grésigne  
~semivirescens (Raynaud, 1967); un Aveyron:Villecomptal  
~alarici (Darnaud, 1983); un Aude:Rennes les Bains  
~canui (Darnaud, 1983); un Corrèze:Tulle, Argentat, Beynat  
~ignivorax (Darnaud, 1983); un Lozère:St.Germain de Calberte  
~retaudis (Gorrin, 1991); un Charente-Maritime, nr.Saintes.Bois de Retaud  
~geraulenai Lavagne, 2002; un HT not designated

## 2.rutilans Dejean, 1826

E-Pyrenees; NE-Spain:Barcelona, Lerida

**ssp. rutilans Dejean, 1826** E-Pyrenees:Ariege to Pyr.Or.(Prats de Molo); Gerona to Lerida; Barcelona; Tarragona

~aequatus Lapouge, 1902, nec Motschulsky, 1845 Barcelona:Montserrat  
~rusticus Lapouge, 1902; un "NE Spain"  
~brevicollis Lapouge, 1910, nec Fabricius, 1792 Aude:Ft.de Monthaut nr.Rennes-les-Bains  
~viridis Ferrer y Vert, 1910; un Barcelona:Montserrat  
~affictus Codina, 1913; un Setcasas  
=aragonensis Lapouge, 1913 Barcelona:Sierra de Montseny  
=codinae Lapouge, 1913 Setcasas  
~montserraticus Csiki, 1917; un; nom.pro aequatus Lapouge Barcelona:Montserrat  
~viridicolor Csiki, 1927; un; nom.pro viridis Ferrer y Vert Barcelona:Montserrat  
~interseriatus L'Hoste & Meyer, 1973; un HT not designated  
~delacrei Tarrier, 1975; un Barcelona:Berga:Nostra Signora de Queralt  
~alberensis (Darnaud, 1978); un E-Pyrenees:Amélie-les-Bains  
~blanci (Darnaud, 1978); un E-Pyrenees:Prats-de-Mollo  
~lecumberryi (Darnaud, 1978); un E-Pyrenees:Prats-de-Mollo  
~pseudoopulentus (Darnaud, 1978); un Barcelona:Sierra de Montseny  
~boulbeni (Blanc, 1980); un Gerona:Camprodon  
~darnaudi (Blanc, 1980); un Barcelona:Sierra de Montseny  
~claveriei Lassalle & Pham, 1981; un Barcelona:Sierra de Montseny  
=jeannei Lassalle & Pham, 1981 Tarragona:Sierra de la Mussara  
~goalesae (Cottour, 1984); un Barcelona:Sierra de Montseny  
~lassallei Bra?es, 1985; un Tarragona:Prades  
~alberensis Mollard, 1999; un E-Pyrenees:Alberes Mts.:Ft.de Sorrede  
~casteilensis Mollard, 1999; un NE-Spain:E-Pyrenees:near Casteils  
~frontanyaensis Mollard, 1999; un NE-Spain:E-Pyrenees:N of Borreda  
~merangensis Mollard, 1999; un NE-Spain:N-Meranges:W of Puicerda, 1500-1700m  
~quillansis Mollard, 1999; un Aude:S of Quillan  
~romaricus Mollard, 1999; un probably: E-Pyrenees:N of Borreda  
~soredensis Mollard, 1999; un E-Pyrenees:Alberes Mts.:Ft.de Sorrede  
~urgelensis Mollard, 1999; un NE-Spain:E-Pyrenees:N Sierra del Cadi  
~palensis Mollard, 1999; un NE-Spain:E-Pyrenees:Pall Pass  
~occideneissimus Mollard, 1999; un NE-Spain:E-Pyrenees:Boixols Pass

**ssp. perignitus Reitter, 1896** Andorra, N-Spain:Lerida; Pyrenees of Spain

~foveipennis Lapouge, 1902; un Andorra  
~fontyi (Darnaud, 1980); un Andorra  
~basetaensis Mollard, 1999; un NE-Spain:E-Pyrenees:Sierra de la Baseta  
~benenensis Mollard, 1999; un NE-Spain:E-Pyrenees:Sierra de Aigues-Tortes, Benes Valley  
~capdellensis Mollard, 1999; un NE-Spain:E-Pyrenees:La Torre de Capdella  
~juberriensis Mollard, 1999; un NE-Spain:E-Pyrenees:SE of Andorra:near Juberri  
~perversensis Mollard, 1999; un NE-Spain:E-Pyrenees:near Sierra de St.Gervas, near Pervers Pass

**ssp. opulentus Oberthür, 1898** NE-Spain:C-Pyrenees:Lerida, Huesca(Col de la Muria)

~alinsis Mollard, 1999; un NE-Spain:Sierra de Monteixo:near Alins  
~cotiellensis Mollard, 1999; un NE-Spain:"E Cotiella Mt."  
~turbonensis Mollard, 1999; un NE-Spain:Turbon Mts.:Sierra del Ballabriga

## CHRYSOCARABUS Thomson, 1875;

type species Carabus auronitens Fabricius

species: 5

## 1.auronitens Fabricius, 1792

C,W-Europe:Pyrenees to Bohemia; Alps, Carpathians

**ssp. auronitens Fabricius, 1792** C,E-France, Germany, Holl., Belg., Switz., N-Austria, Bohemia, W-Poland; "Sweden"(error)

~auratonitens Illiger, 1798; un; error for auronitens Fabricius

=**zwickii** Heer, 1837 Switzerland:Schaffhausen  
 ~**atratus** Heer, 1841, nec **Duftschmid**, 1812  
 ~**coerulescens** Letzner, 1850; un  
 ~**picipes** Letzner, 1850; un  
 ~**versicolor** Letzner, 1850; un  
 ~**viridis** Letzner, 1850; un  
 =**putzeysi** Mors, 1863 Belgium:?  
 ~**nigripes** Heyden, 1875; un "Domodossola"  
 ~**azureoauratus** Dalla Torre, 1877; un  
 ~**picipes** Dalla Torre, 1877; un  
 ~**viridiauratus** Dalla Torre, 1877; un  
 =**subcatenulatus** Westhoff, 1881  
 =**ignifer** Haury, 1889 "Mühlhausen env." (=Mulhouse)  
 =**joerini** Stierlin, 1890 Zürich env.  
 =**perviridis** Reitter, 1896  
 =**auropurpureus** Lapouge, 1898 Belgium:?  
 =**cluniensis** Born, 1903 Vorarlberg:Hochfreschen  
 =**petzi** Sokolar, 1907 S-Austria:?  
 =**brevipennis** Lapouge, 1913 ?"Nordsteiermark"  
 ~**gervaisi** Le Moul, 1913; un Eure:Forêt de Lyons  
 =**allewardensis** Nicolas, 1919 Isère:Allevard  
 ~**letacqui** Antoine, 1919; un N-France:?  
 ~**borni** Lapouge, 1924, nec **Meyer-Darcis**, 1902 Switzerland:Emmenthal  
 ~**charlottei** Venet, 1926; un  
 =**foveipennis** Lebis, 1926 E-France:?  
 ~**pauli** Csiki, 1927, nec **Kolbe**, 1923; **nom.pro borni Lapouge** Switzerland:Emmenthal  
 =**foveatipennis** Csiki, 1927; **nom.pro foveipennis Lebis** E-France:?  
 ~**oberthueri** Lebis, 1928; un ?N-France  
 ~ **aureus** Sirguey, 1931, nec **DeGeer**, 1774 "Normandia"  
 ~**coeruleomicans** Sirguey, 1931; un "Normandia"  
 =**guedeli** Sirguey, 1931  
 ~**marginatus** Sirguey, 1931; un "Ft.d'Ecouve & Ft.de Perseigne"  
 =**normannensis** Sirguey, 1931 "Normandia"  
 =**normanneus** Sirguey, 1931 "Normandia"  
 ~**purpuratus** Sirguey, 1931, nec **Sturm**, 1815 "Normandia"  
 ~**sculptipennis** Sirguey, 1931, nec **Chaudoir**, 1877 "Normandia"  
 ~**viridicollis** Sirguey, 1931, nec **Kraatz**, 1882 "Normandia"  
 ~**helvetiae** Breuning, 1932; un; **nom.pro pauli Csiki**, 1927 Switzerland:Emmenthal  
 =**armoricanus** Oberthür, 1935  
 =**melanipes** Lienhart, 1936  
 ~**fuliginosus** Frennet, 1937, nec **Panzer**, 1809  
 =**garactensis** Alluaud, 1937  
 ~**mormalensis** Leleup, 1938; un  
 ~**bourgini** Balazuc, 1946; un  
 =**duponti** Lebis, 1949=**beskydicus** Smetana, 1949 N-Moravia:Moravskoslezské Beskydy Mts.(Lysá hora Mt.)  
 =**lueneburgensis** Blumenthal, 1949 N-Germany:Niedersachsen:Lüneburger Heide  
 =**pseudoviridipennis** Lebis, 1949  
 ~**fritzschkei** Korell, 1950; un  
 ~**edmundi** (Lebis, 1955); un  
 ~**vulcani** (Lebis, 1955); un  
 =**syrmiensis** Mandl, 1955 Serbia:Frushka Gora Massif(?error)  
 ~**christyae** Dorselaer, 1957; un  
 ~**schwarzwaldensis** Mandl, 1962; un Schwarzwald:Goldersbach, 1000m  
 ~**subignifer** Mandl, 1967; un SC-Germany:Baden:Holzenschallbach nr.Lörrach  
 ~**pumicatoides** Mandl, 1968; un  
 ~**pseudoceroglossoides** Tarrier, 1975; nud  
 ~**martinae** (Culot, 1978); un  
 ~**hennuyi** (Grafteaux, 1980); un  
 ~**chlorochromus** (Culot, 1981); un  
 ~**chrysocyaneus** (Culot, 1981); un  
 ~**deledecquei** (Culot, 1981); un  
 =**forsteri** Mandl, 1981 Austria:Niederösterreich:St.Aegyd:Mt.Göller(=betw.Sankt Aegid/Mariazell)  
 ~**grafteauxi** (Hennuy, 1981); un  
 ~**auverloti** (Thibaudeau, 1983); un  
 ~**thumseri** (Thibaudeau, 1983); un  
 ~**inopinatus** (Dachy, 1986); un  
 ~**rubicundus** (Branger, 1986); un  
 ~**noviprati** Maquet, 1991; un  
 ~**atronitens** Henderickx, 1998; un ?Li?ge env.  
 ~**bampsi** Henderickx, 1998; un ?Li?ge env.  
 ~**spinolatus** Maquet, 1999; un Belgium:Li?ge env.

**ssp. cupreonitens Chevrolat, 1861** NW-France:Calvados:Ft.de Cerisy, Ft.de Ecouves

~**fastuosus** Le Moul, 1912; un ?Ft.de Cerisy  
 ~**pseudomelas** Le Moul, 1912; un ?Ft.de Cerisy  
 ~**pseudopurpureus** Le Moul, 1912; un ?Ft.de Cerisy  
 ~**roeschkei** Le Moul, 1912; un ?Ft.de Cerisy  
 ~**rossii** Le Moul, 1912; un ?Ft.de Cerisy  
 ~**cauvini** Sirguey, 1931; un Calvados:Ft.d'Ecouves  
 ~**tourteani** Sirguey, 1931; un Calvados:Ft.d'Ecouves  
 ~**pseudonigripes** Machard, 1982; un  
 ~**nigronitens** (Lacroix, 1986); un

**ssp. costellatus Géhin, 1882; ?non priority** C,W-France:Lot - Lozere - Cantal - Allier - Finistère - Cotes-du-Nord; "Auvergne"

=**minor** Kraatz, 1860; ?un; ?priority  
 =**bleusei** Oberthür, 1884 "Bretagne:Forêt de Lorges"  
 ~**melas** Oberthür, 1884, nec **Creutzer**, 1799 "Bretagne:Forêt de Lorges"  
 ~**purpureus** Oberthür, 1884, nec **Kraatz**, 1876 "Bretagne:Forêt de Lorges"  
 =**subfestivus** Oberthür, 1884 Finistère:Forêt de Lorges  
 ~**viridipennis** Bleuse, 1896, nec **Lewis**, 1880  
 =**semicupreonitens** Schulz, 1900  
 =**laevicostatus** Schulz, 1900  
 ~**guerryi** Born, 1907, nec **Born**, 1903 "Auvergne:Pic de Sancy"  
 =**quittardi** Lapouge, 1908 ?Dep.Cantal  
 =**bonneti** Le Moul, 1912 Puy-de-Dôme:Mt.Doré

~clermonti Le Moul, 1912; un  
 ~cupreicollis Le Moul, 1912; un  
 ~logreensis Le Moul, 1912; un  
 ~mesmini Le Moul, 1912; un  
 ~nigriformis Le Moul, 1912; un Puy-de-Dome: Mt. Doré  
 ~coeruleus Barthe, 1924; un Rennes env.  
 =buyssoni Barthe, 1929 Allier: Moulins env.  
 ~cupreus Oberthür, 1935, nec Linné, 1758  
 ~leleupi Hansen, 1968; un  
 ~donnoti (Coupat, 1971); un  
 ~lequeti (Darnaud, 1978); un  
 ~artusi (Le Mao, 1984); un  
 ~jacquesi (Lacroix, 1984); un  
 ~quinti (Lacroix, 1984); un  
 ~coatlochensis (Branger, 1986); un  
 ~igneus (Branger, 1986); un  
 ~nigrescens (Branger, 1986); un  
 ~damieni (Lacroix, 1986); un  
 ~delphinae (Lacroix, 1986); un  
 ~nigrinofemoratus (Lacroix, 1986); un  
 ~nigronissimus (Lacroix, 1986); un  
 ~ambazacensis (Dralet, 1999) Hte. Vienne: N of Ambazac

**ssp. kraussi Lapouge, 1898; ?non priority** NE-Italy; S, E-Austria; W-Hungary: Vas: Köszeg; ?LNF  
 =intercostatus Gredler, 1854; ?un; ?priority "Passeiertal" (=NE-Italy)  
 =vindobonensis Kubik, 1901 NE-Austria: Wienerwald Mts.; ?Wien

**ssp. escheri Palliardi, 1825** E-Europe: Carpathians: NW-Slovakia to Banat; "Banat"

=opacus Haury, 1878 "Transsylvania"  
 =rugosipennis Géhin, 1882 "Transsylvania"  
 =fussi Birtler, 1886  
 ~laevipennis Seidlitz, 1891; un  
 =istratii Hormuzaki, 1901 "Bukowina"  
 ~laetus Lapouge, 1902; un "Serbia" (error)  
 ~funestus Csiki, 1905; un "Transsylvania"  
 =decebalii Mallasz, 1929 "Siebenburgen"  
 ~interruptecostatus Marcu, 1934; un  
 ~palustris Niedl, 1946; un ?N-Slovakia: Vysoké Tatry Mts.: Tatranská dolina valley  
 ~cyaneipennis Breuning, 1947; un "Russ. subc.: Vihorlat" (=E-Slovakia: Vihorlat Mts.)  
 ~pseudoputzeysi Breuning, 1947; un "Rumänien: Szamosujvar"  
 ~carpaticus Niedl, 1948; un W-Ukraine: Uzhgorod  
 ~contortus Niedl, 1948; un  
 ~diffusus Niedl, 1948; un W-Ukraine: ?Uzhgorod  
 ~havelkai Niedl, 1948; un  
 ~kulti Niedl, 1948; un W-Ukraine: Uzhgorod  
 ~latissimus Niedl, 1948; un W-Ukraine: Jasina  
 ~napravnikii Niedl, 1948; un W-Ukraine: ?Mukachevo  
 ~punctatus Niedl, 1948; un W-Ukraine: ?Uzhgorod  
 ~mandli Niedl, 1960; un; nom. pro carpaticus Niedl, 1948 W-Ukraine: Uzhgorod  
 ~nitidis Vicol, 1987; un  
 ~takacsi Vicol, 1987; un  
 ~viridis Vicol, 1987; un

**ssp. festivus Dejean, 1826, nec Panzer, 1796; nbm** SE-France: Aude: N-part; Tarn: S-part (Soréze)

~holochrysus Barthe, 1908; un  
 ~nigrofemoratus Barthe, 1908; un  
 ~purpureorutilans Barthe, 1908; un  
 ~violaceopurpureus Barthe, 1908; un  
 ~castaneipes Lapouge, 1910; un  
 ~crassepunctus Lapouge, 1910; un  
 ~holochrysum Lapouge, 1910; un  
 ~pumicatus Lapouge, 1910; un  
 ~nigricollis Le Moul, 1912; un  
 ~dauphini Auzat, 1915; un "Forêt de la Pauze"  
 ~ceroglossoides Barthe, 1924; un  
 ~auratopumicatus Sirguey, 1924; un  
 =charpentieri Sirguey, 1931  
 =gauberti Sirguey, 1931  
 =lelisi Sirguey, 1931  
 ~claripes (Alabergere, 1968); un  
 ~mirilius (Alabergere, 1968); un  
 ~aveyronensis (Raynaud, 1970); un Aveyron: ?  
 ~jeanimarcianus (Culot, 1981); un  
 ~benedictae (Lacroix, 1986); un  
 ~nigrocyanescens (Devecis, 1988); un  
 ~cyaneonigrescens (Devecis, 1991); un

**ssp. punctatoauratus Germar, 1826** SC-France: Pyrenees-Orientales ("Mts. E of Mont Louis"-NT); Ariège; "Pyrenees"

=canigouensis Schaefer, 1966 Pyrenees-Orientales: Canigou Massif: Pla Guilhem  
 =romani (Raynaud, 1968)  
 =roussellei (Colas, 1969)  
 =errensis (Rousselle, 1974) Pyrenees-Orientales: Vallée d'Err: NW-slopes betw. Puigmale/Pic du Pas dels Lladres  
 ~holoviridis (Devecis, 1988); un  
 ~guerroumii Leplat, 1989; un Ft. de Nohédes (?Pyren. Orientales)

**ssp. farinesi Dejean, 1826** SC-France: Pyrenees-Orientales, Aude, Ariège

=carlittensis Barthe, 1910 ?Pyrenees-Orientales  
 =pseudofestivus Lapouge, 1910 Ariège: Ft. de Bosc  
 =barthei Lapouge, 1912 Aude & Ariège: N-part: Beclaire env. & Ft. de Belestà  
 =boscensis Nicolas, 1923 Ariège: Ft. de Bosc  
 =bouisseti Barthe, 1936  
 =aubryi (Colas, 1969) Ariège: Cirque d'Anglade nr. Salau  
 ~ninini (Colas, 1969); un Ft. de Gravas  
 =raynaudi (Colas, 1969) ?Pyren. Or.: Ft. de Boucheville

=**angladensis** (Jeanne, 1969) Ariège:Salau:cirque d'Anglade, 1400m  
 ~**vallierensis** (Jeanne, 1969), **nec Colas, 1964** Ariège:Mt.Vallier Massif:Couflens:Arreu lake, 1800m  
 ~**simardi** (Raynaud, 1970); **un**  
 =**pailherensis** (Jeanne, 1972) Ariège:Port de Pailhères, 2000m  
 ~**pseudobarthel** (Schaefer, 1973) Aude:Massif S of Fajolle  
 ~**ayensis** (Darnaud, 1980); **un** Ariège:Ayens  
 ~**caroli** (Darnaud, 1980); **un** Ariège:Col des Croisets  
 ~**costessequi** (Darnaud, 1980); **un** Ariège:Ft.du Castera  
 ~**philippi** (Darnaud, 1980); **un** Ariège:Port de Pailhères  
 ~**tarasconensis** (Mercier, 1988); **un**  
 ~**sylvius** (Delhay, 1988); **un**  
 ~**mauricola** Leplat, 1998; **un** E-Pyrenees:Serra de Mauri, Camporells Road

**ssp. montanus Géhin, 1882; ?non priority** Hautes-Pyrenées(Gavarnie); Haute Garonne; Pyren.Atl.:E-part; NE-Spain:Lerida:C-Pyrenees  
 =**flavolimbatus** Géhin, 1876; ?**un**; ?**priority**  
 ~**lugubris** Géhin, 1881, **nec Duftschmid, 1812** Hautes-Pyrenées:Pic de Néré  
 ~**pandellei** Géhin, 1882 Haute-Garonne:Bagnères de Luchon  
 ~**rubripes** Nicolas, 1898, **nec Duftschmid, 1812** Hautes-Pyrenées:Pic de Néré  
 ~**aurocostatus** Lapouge, 1902 ?Hte-Garonne:Bagnères de Luchon(?inexact: ?in fact:NE-Spain:C-Pyrenees:Val d'Aran env.)  
 =**bigerrio** Lapouge, 1924 Hautes-Pyrenées:Barèges env.  
 ~**illixioni** (Darnaud, 1981); **un** Haute-Garonne:"Haute montagne de Luchon"

## 2.lineatus Dejean, 1826 N-Spain, N-Portugal, W-Pyrenees

**ssp. lineatus Dejean, 1826** N-Spain:Oviedo:E-part to Navarra:Pamplona; Logrono; C-Spain:Avila; "Asturia"  
 =**basilicus** Chevrolat, 1837 "Porto Rico"(error)  
 =**whitei** Deyrolle, 1852 LNF(unlabelled HT)  
 ~**debilicostis** Kraatz, 1896, **nec Kraatz, 1878** "Asturia"  
 ~**forticostis** Kraatz, 1896, **nec Kraatz, 1878** "Asturia"  
 ~**obscurus** Le Moul, 1913; **un** Asturia:Puerto Pajares  
 ~**rufipes** Lapouge, 1931; **un**  
 ~**fuliginosus** (Puisségur, 1962), **nec Panzer, 1809** ?Sierra de Andia  
 ~**avilensis** Breuning, 1966; **un** Picos de Europa Massif:Aliva refuge(=Avila error)  
 ~**holidus** (Raynaud, 1969); **un** Sierra de Andia  
 ~**numancianus** (Raynaud, 1969) Soria:Duero River source area  
 ~**poussini** Bra?es, 1988; **un** Palencia:Revila env.(Cervera de Pisuerga)

**ssp. troberti Kraatz, 1860** NC-Spain:Guipuzcoa; Navarra:NW-part; SW-France:Pyrenees-Atlantiques  
 =**ursuius** Lapouge, 1911 SW-France:Pyrenees-Atlantiques:Mt.Ursuia  
 =**beharrius** Nicolas, 1916 Pyr.Atlantiques:Mt.Beharria S of St.Jean Pied de Port  
 =**hochstetteri** Born, 1919 Pyr.Atlantiques:Val d'Urepel  
 ~**incostatus** Nicolas, 1919; **un**  
 =**miniatulus** Venet, 1930 Pyr.Atlantiques:Val d'Urepel

**ssp. lateralis Chevrolat, 1840, nec Fabricius, 1792; nbm** N-Portugal; NW-Spain:La Coruna, Orense, Pontevedra, Lugo, Leon, Oviedo; "Sra.de Tranquera"  
 ~**bilineatus** Géhin, 1885; **un** "Portugal"  
 =**strasseri** Lauffer, 1905 Leon:Laceana  
 =**martinezi** Bolivar, 1922 Leon:Foncebados  
 =**leonensis** Born, 1918 Leon:Ponferrada  
 ~**subholoviolaceus** (Puisségur, 1962); **un** Galicia:Sierra de Arbolente  
 ~**glaucus** (Raynaud, 1969); **un** LNF  
 ~**holochlorus** (Raynaud, 1969); **un** LNF  
 ~**quasilineatus** Tarrier, 1975; **un** Oviedo:Alto del Connio  
 ~**annikae** (Darnaud, 1979); **un** Leon:Ponferrada  
 ~**boulbenei** (Darnaud, 1979); **un** Leon:Ponferrada  
 ~**bourdeau** (Darnaud, 1979); **un** Leon:Ponferrada  
 ~**caubeti** (Darnaud, 1979); **un** Leon:Ponferrada  
 ~**daniellenae** (Darnaud, 1979); **un** Leon:Ponferrada  
 ~**rothei** Bra?es, 1985; **un**  
 ~**sanabriensis** Bra?es, 1985; **un** Zamora:Sanabria Lake  
 ~**littoralis** Bra?es, 1988; **un** Pontevedra  
 =**petrimyeri** Maux, 2002 Leon:nr.Puerto de Monteviejo, 1400m

**ssp. salmantinus Bolivar, 1922** CW-Spain:Salamanca/Caceres:Sierra de Gata; Salamanca:Sequeros  
 ~**subsalmantinus** Bra?es, 1985; **un**Caceres:St.Martin de Trevejo  
 =**sainvali** Bra?es, 1987 Caceres:Hervas

## 3.olympiae Sella, 1855 N-Italy:Piemonte:Biella env.:Sessera valley

~**sellae** Stierlin, 1881, **nec Kraatz, 1878**  
 =**stierlini** Heyden, 1881; **nom.pro sellae** Stierlin  
 ~**fucatus** Lapouge, 1902; **un**

## 4.solieri Dejean, 1826 Alps of SE-France & NW-Italy

**ssp. solieri Dejean, 1826** SE-France:Alpes-de-Haute-Provence(?"Basses-Alpes:Les Dourbes"), Alpes-Maritimes  
 ~**furcillatus** Bleuse, 1913; **un** "Basses-Alpes"(=Alpes-de-Haute-Provence)  
 ~**louvati** Clermont, 1922; **un** Alpes-Maritimes:St.Martin de Vesubie  
 =**fuscoaeus** Clermont, 1925  
 =**vesubiensis** (Poncetton & Reymond, 1935) Alpes-Maritimes:St.Martin de Vesubie  
 ~**fagniezi** Colas, 1959; **un** Alpes-Maritimes:St.Martin de Vesubie  
 =**cavaleri** (Colas, 1965) Alpes-Maritimes:Col de Braus(=nr.Sospel)  
 =**altamontanus** (Ochs, 1965) Alpes-de-Haute-Provence/Alpes-Maritimes:Col de la Cayolle



=**chalcostola** (Ochs, 1965) Alpes-Maritimes:Collongues  
= **tarrieri** (Ochs, 1965) Alpes-Maritimes:Lantosque  
~ **ater** (Raynaud, 1970); un  
~ **gordolasquensis** (Raynaud, 1970); un Alpes-de-Haute-Provence:Gordolasque valley  
~ **smaragdinus** (Raynaud, 1970); un Alpes-Maritimes:St.Martin de Vesubie  
~ **viridicupreus** (Raynaud, 1970); un  
~ **florettae** Raffaldi, 1971; un Alpes-de-Haute-Provence:Annot env.  
~ **hyperchlorus** Tarrier & Bellon, 1972; un Alpes-Maritimes:St.Martin de Vesubie  
~ **piezus** Bellon & Tarrier, 1972; un Alpes-de-Haute-Provence/Alpes-Maritimes:Col des Champs  
~ **monicae** Tarrier, 1973; un Alpes-Maritimes:Lantosque  
~ **carreti** Tarrier, 1975; un Alpes-Maritimes:St.Etienne-de-Tinée  
~ **desmon** Bellon & Tarrier, 1975; un Alpes-Maritimes:Belvédère  
~ **dujardini** Bellon & Tarrier, 1972; un Alpes-Maritimes:Sospel  
~ **rouyricus** Tarrier, 1975; un Alpes-de-Haute-Provence:Mt.Vial

**ssp. clairi Géhin, 1885** NE-Italy & SE-France:Alpes-Maritimes(?"Mercantour"; ?Col de Tende; ?error)  
= **cyaneoviridis** Carret, 1897  
~ **azurescens** (Raynaud, 1970); un  
~ **viridiater** (Raynaud, 1970); un  
~ **axiomorphus** Tarrier, 1971; un Alpes-Maritimes:La Muselle  
~ **devillei** Tarrier, 1972; un  
~ **strobinoi** Tarrier, 1975; un Alpes-Maritimes:"Bas vallon de Mollières:Pierre Blanche"

**ssp. liguranus Breuning, 1933** NW-Italy:Alpi Liguri(Mte.San Giorgio) & SE-France:Alpes-Maritimes:Tende env.  
~ **sturanii** (Raynaud, 1970); un LNF

**ssp. bonnetianus Colas, 1936; nom.pro bonneti Colas** SE-France:Var:E,NC-part(St.Cassien des Bois); Alpes-Marit.; Alp.Hte.Prov.:Teillon Massif  
~ **bonneti** Colas, 1936, nec **Le Moul**, 1912 Var:St.Cassien des Bois  
= **bonadonai** Colas, 1947 Alpes-Maritimes:Séranon  
= **canjuersicus** (Ochs, 1965) Var:NC-part:Ft.Grand Margés:Aiguines  
= **curtii** (Ochs, 1965) Alpes-Maritimes:Vescous  
= **belloni** (Tarrier, 1966) Alpes-Maritimes:Roquesteron  
= **caussolsicus** (Bellon, 1971) Alpes-Maritimes:Caussols env.  
~ **teillonensis** Tarrier, 1975; un Alpes-de-Haute-Provence:Mt.de Teillon

## 5.splendens Olivier, 1790 S-France:Aveyron-Pyr.Atl.-Landes; NE-Spain:Lerida, Huesca, Navarra, Alava; Jamaika(error)

= **carolinus** Fabricius, 1792 Carolina(error)  
= **viridis** Dejean, 1826  
= **cychricollis** Lapouge, 1898 Haute-Garonne:Luchon  
~ **lineatopunctatus** Lapouge, 1898, nec **Dejean, 1826**  
~ **ovipennis** Lapouge, 1902; un  
~ **seriepunctatus** Lapouge, 1902; un  
= **nereensis** Nicolas, 1902 Hautes-Pyrénées:Pic de Néré  
~ **vittatus** Lapouge, 1902; un Aude:Ft.de Fanye  
~ **mordoratus** Nicolas, 1908; un Hautes-Pyrénées & Haute-Garonne:Lourdes & Luchon  
~ **jeani** Clermont, 1909; un Ft.de Lestelas  
= **ammonius** Lapouge, 1909 Tarn:Montagnes Noires  
= **pinetorum** Lapouge, 1910 "Dep.Landes"  
= **pseudotroberti** Lapouge, 1910  
~ **babaulti** Le Moul, 1912; un Tarn:Montagnes Noires  
~ **goliath** Le Moul, 1912, nec **Morawitz, 1886** Aude:Ft.des Fanges  
~ **granulipennis** Le Moul, 1912; un Tarn:Montagnes Noires  
= **pseudocychricollis** Le Moul, 1912 Tarn:Montagnes Noires  
= **pseudoovipennis** Le Moul, 1912 Tarn:Montagnes Noires  
= **pseudoviridicollis** Le Moul, 1912 Aude:Ft.des Fanges  
= **pseudovittatus** Le Moul, 1912 Aude:Ft.des Fanges  
= **subcychricollis** Le Moul, 1912 Aude:Ft.des Fanges  
= **subovipennis** Le Moul, 1912 Aude:Ft.des Fanges  
~ **vinosus** Le Moul, 1912; un Tarn:Montagnes Noires  
~ **viridicollis** Le Moul, 1912, nec **Kraatz, 1882**  
~ **dombrowskii** Le Moul, 1913; un Haute-Garonne:Luchon  
~ **laticollis** Le Moul, 1913; un Pyrenees:Lerida:Val d'Aran  
= **piesbergeni** Le Moul, 1913  
= **lapurdanus** Lapouge, 1913?"Basses Pyrénées:S-part of Bayonne district"(=Pyr.-Atlantiques); ?Pyr.-Atl.:Cambo  
= **mascarauxi** Lapouge, 1916 "Basses Pyrénées:Vallée de la Bidassoa & Vallée se la Nivelle"(=Pyr.-Atlantiques)  
~ **cervicis** Csiki, 1917; un; **nom.pro laticollis** Le Moul Pyrenees:Lerida:Val d'Aran  
~ **viridicervix** Csiki, 1917; un; **nom.pro viridicollis** Le Moul  
~ **pallens** Lapouge, 1924, nec **Fabricius, 1775** "Basses Pyrénées"(=Pyr.-Atlantiques; alpine form)  
= **hemipterus** Sirguy, 1931  
= **palesius** Sirguy, 1931 "Pic Burat"  
~ **cardinalis** (Raynaud, 1968); un  
~ **najacensis** (Raynaud, 1968); un Aveyron:Ravin de Najac  
~ **temnoglypha** (Raynaud, 1969); un  
~ **ursuiensis** (Raynaud, 1969); un ?Pyrénées-Atlantiques:Mt.Ursuia  
~ **violaceocyaneus** (Jeanne, 1972); un Aude:Ft.d'Arques  
~ **arradoyensis** (Lequet, 1975); un Pyr.-Atlantiques:Pic d'Arradoy, 600m  
~ **violaceoviridis** (Rouselle, 1978); un  
~ **alberginius** (Remond, 1986); un  
~ **michaellae** (Remond, 1986); un  
~ **incertus** (Devecis, 1988); un  
~ **taffini** (Delaporte, 1988); un

**PROCERUS Dejean, 1828;** type species *Carabus scabrosus*: Fabricius, non Olivier = *Carabus gigas* Creutzer  
**species: 3**

**1.gigas Creutzer, 1799** Yugoslavia, Greece, S-Romania, SW,C,NE-Bulgaria, SE-Austria, NE-Italy

**ssp. gigas Creutzer, 1799** NE-Italy; SE-Austria, Yugoslavia("Idria, Carniola"), S-Romania; SW,C,NE-Bulgaria  
~**scabrosus**: Fabricius, 1801, non Olivier, 1795  
~**limbatus** Géhin, 1885; un  
~**olympicus** Lapouge, 1902, nec Géhin, 1885 ?Olympos Massif  
~**limbiger** Csiki, 1927; un; nom.pro **limbatus** Géhin

**ssp. parnassicus Kraatz, 1884** Greece, Macedonia, S-Albania

**ssp. duponcheli Dejean, 1831** S-Greece: Peloponnes Peninsula  
=**kusdasi** Mandl, 1966 Peloponnes: Chelmos (alpine form)

**2.scabrosus Olivier, 1795** SE-Bulgaria, Krym Penins., Turkey, Caucasus, Georgia, Armenia, Azerbaydzhan, ?N-Iran

**ssp. scabrosus Olivier, 1795** SE-Bulgaria, Eur.Turkey("Konstantinopel"=Istanbul)  
=**olivieri** Dejean, 1826 ?"Konstantinopel"  
=?**aegyptiacus** Motschulsky, 1844 "Egypt"(error)  
~**cribratus** Motschulsky, 1850, nec Quensel, 1806 "Constantinople"(=Istanbul; LT)  
~**angusticollis** Haller, 1885, nec Fabricius, 1801  
~**dejeani** Géhin, 1885; un

**ssp. propinquus Csiki, 1927; nom.pro giganteus Bodemeyer** NW-Turkey: Istanbul env. (Alem Dag SE of Istanbul), Adapazari  
~**giganteus** Bodemeyer, 1915, ?nec Heer, 1837 Alem Dag SE of Istanbul

**ssp. mentor Blumenthal & Breuning, 1967** NW-Turkey: Izmit, Adapazari, Bolu (Bolu Mts. N of Mengen)

**ssp. schuberti Breuning, 1968** NC-Turkey: SW of Sinop: Cangal Dag; Zonguldak, Cankiri, Kastamonu, Sinop

**ssp. culminicola (Cavazzuti, 1989)** NW-Turkey: Bursa: Ulu Dag: alpine zone, 2000-2150m

**ssp. tauricus Bonelli, 1811** Ukraine: Krym Peninsula; "Crimea meridionale"  
=**aeneus** Motschulsky, 1850 "Tauria"(LT)  
=**nigritulus** Kraatz, 1876  
=**purpureus** Kraatz, 1876  
=**viridissimus** Kraatz, 1876

**ssp. caucasicus Adams, 1817** Caucasus: N-part("Konstantinogorsk")  
~**tuberculosis** Géhin, 1885; un

**ssp. audouini Brullé, 1835** NE-Turkey: Samsun to Rize (Trabzon env.)  
~**obscurus** Géhin, 1885; un

**ssp. colchicus Motschulsky, 1844** Caucasus: S-part(Oni); Georgia; NE-Turkey: Artvin  
=**shavsheticus** Zaitzev, 1930 NE-Turkey: lower Çoruh River

**ssp. armenius Zaitzev, 1930** NE-Turkey: Bayburt: Gümüşhane env. (betw. Gümüşhane/Erzincan)

**ssp. ispiratus Cavazzuti, 1986** NE-Turkey: Erzurum: Ispir env. (upper Çoruh Nehri valley 5km W Ispir)

**ssp. fallettianus (Cavazzuti, 1997)** SE-Armenia: Zangezur Mt.R.: Khndzoresk, Megri env.

**ssp. myskai Cavazzuti, 2004** SE-Armenia: Kafan env.

**ssp. boubenarlettae Cavazzuti & Myška, 2004** NE-Azerbaydzhan: Quba, 800m; 1m

**ssp. farnazae Deuve, 2006** NW-Iran: Arasbaran: Kalibar: Makidi, 1650m (~38:50N/46:55E); 1m/1f

**ssp. sommeri Mannerheim, 1844** NW-Turkey: Bursa, Bilecik; "Brussa" (=Bursa)  
~**bosporanus** Motschulsky, 1844, nec Fischer, 1823 ?Bursa  
=**breviusculus** Kraatz, 1876 Bursa  
~**uludagensis** Schweiger, 1964; un Uludag nr. Bursa: Incaya village env.: chestnut forest  
=**basoglui** Schweiger, 1964 Uludag nr. Bursa: fir forest, 1700m

**ssp. dardanellicus Kraatz, 1886** NW-Turkey: Çanakkale; Asiatic coast of Dardanelles Strait

**ssp. sterilis Bodemeyer, 1915** NW-Turkey: Bilecik: Boz Dag

**ssp. amasicus Csiki, 1927; nom.pro modestus Kraatz** NC & C-Turkey (Amasya)  
~**modestus** Kraatz, 1876, nec Fabricius, 1801 Amasya

**ssp. bureschianus Breuning, 1928** SC-Bulgaria: Rodopes Mt.R. (ovo), NE-Greece

**ssp. ~montisabanti Schweiger, 1962; un** NW-Turkey: Bolu: S of Abant (alpine steppes S of Abant)

**ssp. callipygius Cavazzuti, 1986** NC-Turkey: Kastamonu (karstic plains ca. 20km N Devrekani); Cankiri  
=**cerkes** Basquin & Darge, 1986 Cankiri: Ismetpaşa env.

**ssp. munzurensis Cavazzuti & Lassalle, 1987** CE-Turkey:Tunceli:Pülümür env.(pass N of Pülümür)

**ssp. estegeicus (Cavazzuti, 1989)** SW-Turkey:(Isparta:Davraz Dag)

**ssp. weidneri (Lassalle, 1990)** SC-Turkey:Kahramanmaras:Göksun, Cardak; Adana:Saymbeyli

**ssp. bulgharmaadensis Bodemeyer, 1915** S-Turkey:Konya:Bolkar Dag:N-slope("Bulghar-Maaden"), Eregli:Ivriz env.; Mersin:Namrun

**ssp. transversalis Csiki, 1927, nec Duft.; nbm; nom.pro laticollis Kraatz** SC-Turkey:Mersin("Külek"=Gülek), Adana  
~**laticollis Kraatz, 1876, nec Sturm, 1826** Mersin:"Külek"(=Gülek)  
=**toulgetianus Deuve, 2002; nom. pro transversalis Csiki** Mersin:"Külek"(=Gülek)

**ssp. akbesianus Breuning, 1975; non junior homonym** SC-Turkey:Antakya(Akbes nr.Iskenderun), Adana, Mersin,  
Kahramanmaras  
=**akbesiensis Toulgoet, 1987; nom.pro akbesianus Breuning** Antakya:Akbes nr.Iskenderun

**ssp. kahramanicus Cavazzuti & Myška, 2004** SC-Turkey:Kahramanmaraş:Kahramanmaraş env.

**ssp. elbursianus Mandl, 1958** N-Iran:Elborz Mt.R.:Taht-i-Suleiman Massif:Sardab/Hasankif valley(~36:30N/51:10E); 1f

**3.syriacus Kollar, 1843** SE-Turkey, W-Syria, N-Israel, Lebanon

**ssp. syriacus Kollar, 1843** SE-Turkey:Antakya env.("Djebel Okra"=Ziyaret Dagi); NW-Syria  
=**daphnensis (Korell, 1985)** Antakya:mts.24km S Harbiye

**ssp. galilaeus Schweiger, 1970** N-Israel(Galilea:Elon); S-Lebanon; SW,CW-Syria

**ssp. limitaneus (Korell, 1989)** SE-Turkey:Antakya:Reyhanli env.(2km S Reyhanli); NW-Syria:Daret'Azze

**ssp. phoeniceus Deuve, 2004** N-Lebanon:Kesrouane:Wata-al-Jaouz

**MEGODONTUS Solier, 1848;** type species *Carabus caelatus* Fabricius  
**species: 20**

**1.avinovi Semenov & Znojko, 1932** Sakhalin(Sakhalin, central part) & Moneron Island

**2.bonvouloiri Chaudoir, 1863** NE-Turkey

**ssp. bonvouloiri Chaudoir, 1863** NE-Turkey:Giresun, Trabzon env., Rize; Gümüşhane:SE of Zigana Pass  
~**clandestinus Schaufuss, 1882; un**  
~**foveicollis Schaufuss, 1882; un**  
~**nobilis Schaufuss, 1882; un**  
~**pastillatus Lapouge, 1902; un**  
~**kaschkarensis Blumenthal & Breuning, 1967; un** Rize:Kaçkar Dagi(Ardesen valley:Ayder); Erzurum:Ispir, Çoruh valley, Ovit Pass  
~**kolatdaghensis Breuning, 1967; un** "Kolât Dag nr.Trabzon, 2000m"(=Mts.nr.Zigana Pass)  
=**soganlidaghensis Machard, 1991** Trabzon:Soganli Pass S of Çaykara, 2300m

**ssp. graciliformis Breuning, 1964** NE-Turkey:Ordu:Akkus(forest zone nr.Akkus, 1300-1500m), Gök köy env.

**ssp. fortunatus Heinz, 1970** NE-Turkey:Artvin(pass N of Murgul, 1000m) & Rize:deciduous forests along Black Sea coast

**ssp. casalei Cavazzuti, 1986** NE-Turkey:Artvin:Göktas valley

**3.caelatus Fabricius, 1801** Slovenia, Bosnia, Croatia; N,C-Albania; Italy:Trieste env.

**ssp. caelatus Fabricius, 1801** C,E-Slovenia; ?E-Austria:Karawanken; Bosnia; E-Montenegro; N,C-Albania; "Krain"  
=**carniolicus Crotch, 1871**  
=**sarajevoensis Apfelbeck, 1890** Bosnia:Sarajevo env.  
=**volujakianus Apfelbeck, 1894** Bosnia:Volujak Massif; alpine form  
=**hilfi Born, 1907** Bosnia:Vran Planina & Cvrstnica Planina; alpine form  
=**malissorum Apfelbeck, 1919** ?Montenegro:Durmitor; alpine form  
=**metalkanus Apfelbeck, 1919** SE-Bosnia:"Metalka Pass"(=SE of Gorazde)

**ssp. dalmatinus Duftschmid, 1812** Adriatic Sea Coast:Rijeka to N-Albania; ?LNF  
=**macretus Kraatz, 1877** Dinara Planina; alpine form  
~**ljubinjensis Haury, 1885; un** Bosnia:Ljubinja  
=**procerus Reitter, 1885** "W-Montenegro"  
=**cabuljensis Apfelbeck, 1919** Bosnia:Mostar env.:Cabulja Planina; alpine form

=**dinaricola Müller, 1930** ?"Dinarische Alpen"(=Dinara Planina)

**ssp. schreiberi Kraatz, 1887** Italy:Trieste; SW-Slovenia("St.Canziano, Schneeberg=?Sneznik), W-Croatia; NW-Bosnia  
=**grmecensis Born, 1910** Bosnia:Grmec Planina

#### 4.croaticus Dejean, 1826 Slovenia, Croatia, Bosnia, Montenegro, N-Macedonia, N-Albania

**ssp. croaticus Dejean, 1826** S-Slovenia, W-Croatia & W-Bosnia:Adriatic coast mts.; Croatia:"Ostaria btw.Gospic/Carlopago"  
~**carniolicus Géhin, 1885; un** ?"Krain:Mt.Nevoso"  
=**schmidtii Apfelbeck, 1890** Bosnia:"Vucja Luka nr.Sarajevo"  
=**primarius Lapouge, 1902** Croatia:Velebit Mts.  
=**frankenbergeri Obenberger, 1914** NW-Croatia:"Gr.Capella"(=Velika Kapela Mts.)  
~**mediterraneus Apfelbeck, 1919, nec Born, 1906** Bosnia:Čabulja Planina nr.Mostar  
~**carnicus Csiki, 1927, nec Depoli, 1925; nom.pro carniolicus Géhin** ?"Krain:Mt.Nevoso"  
=**fodori Csiki, 1927; nom.pro mediterraneus Apfelbeck** Bosnia:Čabulja Planina nr.Mostar  
=**albiensis Depoli, 1938; ?nom.pro carnicus Csiki** ?"Krain:Mt.Nevoso"

**ssp. bosnicus Apfelbeck, 1890** C,N-Bosnia(Treskavica Mts.)  
=**kobingeri Apfelbeck, 1904** C-Bosnia:"Mts.near Foinica & Travnik"  
~**travnikanus Apfelbeck, 1904; un** C-Bosnia:?Travnik  
~**leonhardianus Breuning, 1932; un** C-Bosnia:Cvrstnica Planina  
=**pretneri Krätschmer & Drovenik, 1977** N-Bosnia:Ostrelj env.(Ostrelj, 1000m), Srnetica Mts.

**ssp. zeptensis Reitter, 1902** E-Bosnia:Zepce env.; Ravan, Zvijezda, Javor, Ozren Mts.; CW-Serbia:Murtenica planina  
=**bosiljevici Drovenik & Pavičević, 1985** CW-Serbia:50km S Titovo Uzice:Murtenica planina:Brijac

**ssp. durmitorensis Apfelbeck, 1904** Montenegro(Durmitor Massif) & NE-Albania:Prokletije Mts.; Kosovo; N-Albania, W-Maced.  
=**babinjensis Apfelbeck, 1906** Montenegro & NE-Albania:Prokletije Mts.:Babinje Planina"  
=**ljubetensis Apfelbeck, 1918** Serbia/Macedonia/Albania borders region:Sar planina Mts.:Ljubeten  
=**droveniki Krätschmer, 1984** SW-Macedonia:Galicica Mts., Baba Mts., Pelister  
=**kraetschmeri Drovenik, 1978** SE-Montenegro:betw.Ivangrad/Rozaj:Turjak

#### 5.danilevskii Obydov, 1993 W.Sayans:S of Abakan(left Yenisey bank:Dzhoysky P.nr.Cheryomushki); ?W-Tuva:Barlyk R. =viridicans Obydov, 1993 West Sayans:S of Abakan:Borus Mt.R.:Borus Pass, 800-1000m

#### 6.ermaki Lutshnik, 1924; nom.pro amoenus Chaudoir; ?non priority arctic Eur.Russia; N-Siberia; Altays, Sayans ~**amoenus Chaudoir, 1852, nec Baudet-Lafarge, 1836** Altays =**kantaikensis Géhin, 1885; ?un; ?priority** ?"Kantaika"(=arctic W-Siberia:SW of Noril'sk) =**laetensis Obydov, 2000** NW-Siberia:Komi:Usa:Lek-Rogovaia River mouth

#### 7.exaratus Quensel, 1806 N-Caucasus:Anapa to Mt.Kazbek; Krasnodar:Taman Pen.to Manych R..; "Kislar"(=?Kizlyar) ~**?seriatus Motschulsky, 1850, nec Wiedemann, 1821; ?hyb** ?Balkaria; ?hyb exaratus/violaceus aurolimbatus =**multicostis Reitter, 1888** ?Circassia =**septemlineatus Reitter, 1888** =**prahwei Lutshnik, 1909** ?Dagestan =**lebedewi Lutshnik, 1927; nom.pro seriatus Motschulsky; ?hyb** ?Balkaria; ?hyb exaratus/violaceus aurolimbatus =**ordinatus Csiki, 1927; nom.pro seriatus Motschulsky; ?hyb** ?Balkaria; ?hyb exaratus/violaceus aurolimbatus =**exaratulus Beheim & Breuning, 1943** W-Caucasus:Mt.Fisht

#### 8.gyllenhali Fischer, 1827, nec Paykull, 1790; nbm; nom.pro dejeani Fischer Krym Peninsula ~**dejeani Fischer, 1823, nec Fischer, 1822** Krym Peninsula =**blakistoni Newman, 1857; ?priority**

#### 9.imperialis Fischer, 1823 Altays:Semipalatinsk, Ust'-Kamenogorsk, upper Irtysh River; Barnaul(?error)

#### 10.kolbei Roeschke, 1887 Hokkaido; N,C-Kurils

**ssp. kolbei Roeschke, 1887** C-Hokkaido:Hidaka:Niikapu env.; "China"(error)

**ssp. aino Rost, 1908** C,E-Hokkaido:Taisetsu Mts., Nemuro, Kushiro; Kurils:Kunashir Island; Hokkaido  
=**hidakamontanus (Ishikawa, 1966)** Hidaka Mt.R.:Tottabetsugawa River Defile  
=**nitidipunctatus (Ishikawa, 1966)** Kamikawa:Shimukappu  
=**yubariensis (Ishikawa, 1966)** Hidaka/Sorachi:Yubari Mt.R.:Mt.Yubaridake

**ssp. kosugei (Nakane, 1955)** SW-Hokkaido:Otaru, Sapporo env.; ?LNF

**ssp. chishimanus (Nakane, 1961)** S,C-Kurils:Iturup, Ketoy Island; "Etorofu"(=Iturup)

**ssp. futabae (Ishikawa, 1966)** NW-Hokkaido:Soya(Nakatonbetsu), Rumoi

**ssp. hidakamontanus (Ishikawa, 1966)** C-Hokkaido:Hidaka & Tokachi:Hidaka Mt.R.(Tottabetsugawa River)

**ssp. kuniakii (Ishikawa, 1971)** SW-Hokkaido:Shiribeshi:Niseko Mts.(Mt.Iwaonupuri)

**ssp. hanatanii Imura, 1991** Rishiri Island(Mt.Rishiri-daké)

**ssp. taikinus (Ishikawa, 1993)** SC-Hokkaido:Tokachi:Taiki env.(Taiki-cho:Oshibanosawa)

**ssp. mitsumasai Imura, 1994** CW-Hokkaido:Ishikari & Runoi:SW-Mashiké Mt.R.:Hattari, Bokusanai, Yasusé, Bishabetsu

**ssp. ushishirensis Obydov & Saldaitis, 1996** C-Kurils:ca.30km NE Ketoy Island:Ushishir Island:Yankicha:Kraternaya:N,SE-part

**ssp. munakataorum (Ishikawa, 1969)** SW-Hokkaido:Oshima/Hiyama:Daisengen Massif(Mt.Daisengendake)

**ssp. yasudai (Ishikawa, 1971)** SW-Hokkaido:Hiyama/Shiribeshi:Mt.Karibayama

## 11.leachi Fischer, 1823 S-Altays

**ssp. leachi Fischer, 1823** S-Altays:Zmeinogorsk, Semipalatinsk env.; ?Irtysh River(?HT lost); "Sibiria"(LT)

**ssp. panzeri Dejean, 1829, nec Panzer, 1805; nbm** S-Altays:Zyryanovsk, Ust'-Kamenogorsk env.; "Sibiria"(HT lost); LNF(unlabelled LT)

=**klimenkoi Obydov, 1999** NE-Kazakhstan:E of Ust'-Kamenogorsk:Kalbinsky Mt.R.:Ognevka vill.

**ssp. surakovi Obydov, 1995** C-Altays:Shebalino

**ssp. sarymsaktensis Obydov, 1999** NE-Kazakhstan:S of Katon-Karagay:Sarym-Sakty Mt.R.

## 12.obovatus Fischer, 1827 SC-Siberia:Novokuznetsk(Mts.nr.Kuzneck), Kemerovo & E-Novosibirsk Regions; C-Altays

=**obovalis Gebler, 1830; iss obovatus Gebler**

=**pseudoleachi Obydov, 1999** C-Altays:Teletskoe Lake:N-bank(Yailu vill., Artybash vill.)

## 13.persianus Roeschke, 1896 N-Iran:E-Gilan, W-Elborz Mt.R.

**ssp. persianus Roeschke, 1896** N-Iran:Elborz Mt.R.:lower Rudbar valley:Dare Dasht env.; "Elburs"

=**damashensis Deuve, 2006** N-Iran:Gilan:Damash, N of Kharehpu, E of Rudbar

**ssp. javahardehensis Deuve, 2000** N-Iran:Gilan/Mazandaran:20km WSW Ramsar:Javahar Deh, 36:52N/50:28E

**ssp. neydashtensis Deuve, 2000** N-Iran:Gilan:S of Ramsar:Neydasht, 800m

**ssp. espeyliensis Deuve, 2001** N-Iran:Gilan:W-Elborz Mt.R.(betw.Espeyli/Siyakhal:Balarud Mts., 450m)

## 14.planicollis Küster, 1846 C-Romania:S-Carpathians

**ssp. planicollis Küster, 1846** C-Romania:Carpathians W of Olt River:Cindrel-Retezat-Godeanu Mts.; ?"Siebenburgen"

**ssp. verae Csiki, 1905** C-Romania:Carpathians E of Olt River:Fagaraş to Bucegi Mts.; "Bucsecs"(=Bucegi Mts.)

## 15.schoenherri Fischer, 1822 CE-European Russia, C-Siberia, Altays, Sayans, N-Mongolia

**ssp. schoenherri Fischer, 1822**CE-European Russia; SC-Siberia(Barnaul); Altays, Sayans, N-Mongolia

=**melanchlorus Fischer, 1827**

=**gouberti Géhin, 1885; un**

=**legorskyi Mandl, 1968** East Sayans:Mana River

=**sangilenus Obydov, 1997** SE-Tuva:Sangilen Mts.:Balyktyk-Khem River valley:50:17N/96:39E, 2100m

**ssp. sajanus Breuning, 1927** West Sayans(Kazyr-Suk River)

**ssp. chakassicus Obydov, 1995** Siberia:Hakassia:betw.Krasnoyarsk/Abakan:Saragash env.

## 16.septemcarinatus Motschulsky, 1840; nom. carinatus MotschulskyS-Caucasus:Mt.Fisht to Lagodekhi;

"Kachetia"; Tbatani (LT); Georgia; W-Armenia; NE-Turkey

=**carinatus Motschulsky, 1839, nec Duftschmid, 1812** "Kachetia"; Tbatani(LT)

=**typhionius Gistel, 1857**

=**georgicus Géhin, 1885**

=**fischtenis Reitter, 1889** W-Caucasus:Mt.Fisht

=*subexaratus* Reitter, 1889  
=*trigintiduosulcatus* Lapouge, 1898  
~*altitudinorum* Breuning, 1934; un; ios; ?hyb  
=*altitudinum* Breuning, 1934; emend.*pro altitudinorum* Breuning; ?hyb W-Caucasus:Mt.Abago; ?hyb *exaratus/septemcarianatus*

## 17.*stroganowi* Zoubkoff, 1837 Caspian Sea coast: SE-Azerbaijan to E-Elborz Mt.R.

**ssp. *stroganowi* Zoubkoff, 1837** NE-Iran:E-Elborz Mt.R.:Gorgan env.("Astrabad"=Gorgan); ?W-Turkmenia:Kopetdag Mt.R.  
~*galugahensis* Lassalle, 2001; un N-Iran:Mazandaran:betw.Behshahr/Gorgan:Mts. S of Galugah, 1800m

**ssp. *transfuga* Semenov, 1898** SE-Azerbaijan:Lenkoran,"Talysh"; ?N-Iran:Gilan  
=*transcurrens* Csiki, 1927; nom.*pro transfuga* Semenov "Talysh"

**ssp. *morgani* Lapouge, 1907** N-Iran:C-Elborz Mt.R.:Khanian nr.Tunekabun(=36:35N/50:49E), Kelardasht, Chalus  
=*heinrichi* Mandl, 1966 C-Elborz Mt.R.: "Pish-kuh"(=?Pishku, 36:41N/50:40E)

**ssp. *ebrahimii* Deuve, 2000** N-Iran:Mazandaran:S of Nur:Ruyan:Kodirsar, 1200m(=?Kudir:36:27N/51:47E)

**ssp. *mofidii* Deuve, 2000** N-Iran:Mazandaran:Kiyasar env.:Vesmine, 1600m(Kiyasar:36:14N/53:22E)

**ssp. *lavidzhensis* Deuve, 2001** N-Iran:Mazandaran:25km SSE Nur:Lavidzh(36:24N/52:00E)

**ssp. *tiedemanni* Breuning, 1934** N-Iran:Gilan Mt.R.("Salansar Dagh"); Gilan:Asalam, Masuleh

**ssp. *pseudopersianus* Deuve, 2001** N-Iran:Gilan:"Dörwögh Dagh", "Tschakit Dagh", "Kiklik Dagh"(=?Rudbar env.)

**ssp. *luisae* Rapuzzi, 2005** N-Iran:Gilan:S of Sayakhal, 36:57/49:51

## 18.*tuvensis* Shilenkov, 1996 West Sayans:W-Tuva:80km N Teeli village, Ak-Sug River

## 19.*vietinghoffi* Adams, 1812 NW, NC, E-Siberia, Far East, Sakhalin, N-Korea, NE-China; Alaska; NW, ?NC-Canada

**ssp. *vietinghoffi* Adams, 1812** Russia:NW,C,E-Siberia(Lena River N of Yakutsk)  
=*stschegolewi* Poppius, 1906 Lena River  
=*alaskanus* Obydov, 1996 Alaska(Umiat); NW, ?NC-Canada  
=*obydovi* E.Berlov & O.Berlov, 1996 NW-Siberia:Tyumen:Salekhard env.; 1m

**ssp. *fulgidus* Fischer, 1827** Far East; N-Mongolia; "Dauria"  
=*deminutus* Breuning, 1943 NE-China:N-Chingan Mts.:Bachou Lou  
=*leptoglyptus* Obydov, 1995 C-Sakhalin:Tymovsk, Tym River  
=*bureianus* Shilenkov, 1996 Far East:Khabarovsk district:Bureinsky Mt.R.(Suluk River)  
=*tardokianensis* E.Berlov & O.Berlov, 1996 Far East:Khabarovsk district:Sikhote-Alin Mt.R.:N-part:Tardoki-Yani Massif; 1f =*nazmovi* Obydov, 1999 Far East:Khabarovsk:Komsomolskiy Nat.Reserve:Kamennaya Pad'

**ssp. *bowringi* Chaudoir, 1863** Far East:Vladivostok; NE-China:Jilin, Heilongjiang; N-Korea; "Chusan"(=?N-Korea:Chosan)  
~*schaumi* Morawitz, 1862, nec *Gaubil*, 1849 Vladivostok  
=*impunctatus* Kraatz, 1886 Suyfun River Mouth(=W of Vladivostok)  
~*nobilis* Ganglbauer, 1886, nec *Duftschnid*, 1812; nom.*pro schaudi* Mor. Vladivostok (HT lost); "Port Bruce"(=Mys Bryusa, 42:52N/131:28E; LT)  
=*caesareus* Semenov, 1906; nom.*pro nobilis* Ganglbauer Vladivostok (HT lost); "Port Bruce"(=Mys Bryusa, 42:52N/131:28E; LT)  
=*moltrechti* Semenov, 1907 "Sidemi"(=nr.Vladivostok)  
=*vietinghoffianus* Semenov, 1907 ?Nikolskaya(=Ussuri basin)  
=*inhumeralis* Breuning, 1964 Korea:Mt.Paik-chek-Shan  
~*borealis* (Kwon & Lee, 1984), nec *Paykull*, 1790 NE-Korea:W of Chongjin:"Mt.Kwanmobong"(=Kwanchang-san)  
=*lazoensis* Obydov, 1999 Far East:Pogranichnyi:Lazovskiy Nat.Reserve:Kordon Amerika  
=*levadensis* Obydov, 1999 Far East:Pogranichnyi:Barabash-Levada village env.

## 20.*violaceus* Linné, 1758 Europe:Pyrenees to Scandinavia, Balcans, Caucasus; SW,SC-Siberia, Kazakhstan

**ssp. *violaceus* Linné, 1758** E,S,N-Germany, Scandinavia, Kola Penins., Bohemia, Moravia, W-Slovakia; Brit.Isles; ?LNF  
=*candisatus* Duftschmid, 1812 "Österreich & Böhmen"(=Austria & Bohemia)  
=*sublaevis* Drapiez, 1820 "Russia"(?error)  
~*bicolor* Letzner, 1850; un  
~*coerulescens* Letzner, 1850; un  
~*cyanescens* Letzner, 1850; un  
~*marginatus* Letzner, 1850; un  
~*nivalis* Letzner, 1850; un NE-Bohemia:"Riesengebirge"(=Krkonosé Mts.)  
~*purpureomarginatus* Letzner, 1850; un  
~*violaceomicans* Letzner, 1850; un  
~*virescens* Letzner, 1850; un  
~*viridicoeruleus* Letzner, 1850; un  
=*psilopterus* Kraatz, 1879 "Thüringen & Böhmen"  
=?*albinae* Haury in Géhin, 1885  
=*niveus* Géhin, 1885; nom.*pro nivalis* Letzner NE-Bohemia:"Riesengebirge"(=Krkonosé Mts.)  
~*arcticus* Sparre-Schneider, 1888, nec *Olivier*, 1795 C-Sweden:Jämtland:Areskutan  
=*sollicitans* Hartet, 1907 ?England  
=*britannicus* Born, 1908 British Isles:?  
=*ottonis* Csiki, 1909 S-Norway:Trondheim  
=*lindbergi* Burkard, 1921 Finland:Helsingfors(=Helsinki)



~duftschmidi Lapouge, 1922, nec Géhin, 1876 Austria:Linz env.  
 ~pseudocandisatus Eidam, 1927; un  
 ~pseudolaevigatus Breuning, 1934; un Moravia:"Prossnitz"(=Prosečnice)  
 =carelicus Hellén, 1934 Karelia:Kivenkappa(currently:NW-Russia:W of Ladozhskoe Lake)  
 =subpurpurascens Eidam, 1941; nom.pro duftschmidi Lapouge Austria:Linz env.  
 ~blumenthali Blumenthal, 1961; un NC-Germany:Lüneburg:Lüneburger Heide:Königsmoor nr.Tostedt  
 ~pseudarcticus Mandl, 1962; un LNF(?N-Finland, Sweden & Norway)  
 ~pseudolindbergi Mandl, 1962; un LNF(?Sweden:Uppland)  
 ~pseudottonis Mandl, 1962; un LNF(?S-Sweden)  
 ~subcarbonatus Niedl, 1975; un S-Bohemia:Mt.Kleť nr.Český Krumlov  
 =lindrothi Silfverberg, 1977; nom.pro arcticus Sparre-Schneider C-Sweden:(Jämtland:Areskutan); Kola Peninsula  
 ~intermarinus Blumenthal & Staven, 1985; un NC-Germany:Schleswig-Holstein:Osterwohld W of Albersdorf  
 =browni Deuve, 1999 NW-Scotland:Raasay Island

**ssp. andrzejuscii Fischer, 1823** C,E-Poland(Wolhynien"), NE-Slovakia, CW-Russia, Ukr., Latv., Lith., Est.; NE-Rom., ?Mold.  
 =carbonatus Schaufuss, 1882 "Podolien"  
 =subpolitus Eidam, 1924 "Podolien"(=W-Ukraine)  
 =alterviolaceus Kolbe, 1925 "Norddeutschland:E of Oder"

**ssp. wolffii Dejean, 1826** NW,C,SW-Romania(Banat); E-Hungary; ?SE-Slovakia  
 =mehelyi Ganglbauer, 1896 NC-Romania:Rodna Mts.  
 =dacoromanus Hormuzaki, 1903 SW-Romania:Mehedinti  
 =vlascanus Born, 1909 Walachei(=S-Romania)  
 ~macilentus Petri, 1912, nec Olivier, 1795 "Schässburg, Bistra"(=Sighișoara, Bistra)  
 ~pygmaeus Petri, 1912; un Romania:?: alpine form  
 ~lucidulus Breuning, 1934; un; nom.pro macilentus Petri "Schässburg, Bistra"(=Sighișoara, Bistra)  
 =betuliae Csiki, 1940 NE-Hungary:Szabolcs-Szatmár:Nyírség lowland  
 ~balanensis Csiki, 1942; un CE-Romania:Mts.nr.Balan:Mt.Nagy-Hagymás(=Haghimas Mts. nr.Balan)  
 ~ormayanus Csiki, 1944; un C-Romania:from Cibin Mts.to Szőreny Mts.(=Godeanu, Tarcu)  
 ~porolissensis Csiki, 1944; un NW-Romania:from left Someș bank S of Rodna Mts.to W-slope of Bihor Mts.  
 ~serrorum Csiki, 1944; un C-Romania:Bucegi to Făgăraș Mts.

**ssp. salisburgensis Kraatz, 1879** Austria:Salzburg, Oberöst., Vorarlberg; S-Germany; N,C-Switzerland; CE-France:Doubs, Jura  
 =meyer Born, 1898 Switzerland:Jura:Creux du Vau  
 ~hermanni Born, 1901, nec hermani Mannerheim, 1827en  
 ~muellerianus Born, 1902 Vorarlberg:Hochfreschen  
 =pauli Kolbe, 1923 ?Simmentaler Alpen  
 =sachianus Mandl, 1981 C-Austria:E of Salzburg:Sensengebirge:Feichtau-Alm, 1400m

**ssp. purpurascens Fabricius, 1787** C,N-France, Belgium, Holland; Switzerland; NW,C,S-Germany; ?LNF  
 =coeruleus Voet, 1778; spn  
 =?curtatus Villers, 1789 ?N-France  
 =crenatus Sturm, 1815 "Österreich"  
 =asperulus Kraatz, 1878  
 =palliardi Gradl, 1881  
 =suffriani Westhoff, 1881 "Westphalen"  
 =scaber Schaufuss, 1882 "Hessen"  
 ~subcrenatus Géhin, 1885; un ?Jura  
 =asperipennis Lapouge, 1921  
 ~laevicostatus Lapouge, 1921, nec Schulz, 1900 ?Belgium:Ft.de Soignes  
 =crenatocostatus Lapouge, 1922 N-France:Bas-Rhin  
 =osismius Lapouge, 1922 CW-France:Cotes-du-Nord  
 ~chatenayi Sirguey, 1931; un  
 ~dayremi Sirguey, 1931; un  
 ~pseudopurpurascens Breuning, 1934; un; nom.pro laevicostatus Lap. ?Belgium:Ft.de Soignes  
 ~uriensis Breuning, 1934; un C-Switzerland:Uri:Reuss valley nr.Erstfeld  
 ~cyaneocinctus Cleu, 1937; un Allier:?  
 ~perraudini Mandl, 1962; un SW-Germany:Baden:Schwarzwald:Nimburg  
 ~gauthieri Cleu, 1968; un Drôme:Forêt de Saou(W-part); TNF  
 ~rectigranosus Cleu, 1968; un  
 ~jurassicus (David & Marchal, 1968), nec Born, 1911  
 =perturbatocostatus (Grotz & Grotz, 1980) Belgium:Liège:Rocherath  
 ~culotianus (Le Mao, 1986); un  
 ~monnayensis (Branger, 1986); un  
 ~enigmaticus (Devecis, 1988); un

**ssp. fulgens Charpentier, 1825** Pyrenees; NC,NE-Spain:Burgos to Barcelona  
 ~muelleri Haury, 1878, nec Herbst, 1784 Barcelona env.  
 ~nigrinus Nicolas, 1898; un Hautes-Pyrénées:Pic de Néré nr.Baréges  
 =pseudofulgens Born, 1905 NC-Spain:Zaragoza; ?S of Pyrennees:Logrono, Calahorra"  
 =gerundensis Born, 1916 NE-Spain:Gerona:Setcasas; SC-France:Pyrenees-Orientales  
 =pseudomuelleri Codina, 1921 Barcelona, Lerida; alpine form; ?Lerida  
 =ligneus Sirguey, 1931 ?Lerida  
 ~parallelus Sirguey, 1931; un  
 =subfulgens Jeanne, 1969 Pyrénées-Atlantiques:Pic d'Orhy, 2000m  
 ~ibericus (Jeanne, 1976), nec Fischer, 1823 "Pyrénées"

**ssp. aurichalceus Kraatz, 1879** N-Spain:Santander & Vizcaya(Reinosa & Portugalete nr.Bilbao), Pic.de Europa, Lugo, Oviedo  
 =asturiensis Born, 1925 Oviedo:Los Cabos  
 ~europae Breuning, 1934; un Picos de Europa:summit area(alpine form)  
 =lugensis Breuning, 1972 NW-Spain:Lugo:Samos  
 =marinae Maux, 1995 Palencia:N-part:Castille  
 ~alainsis Meyer, 1996; un Palencia:W of Cervera  
 ~bersoni Maux, 1998; un Palencia:N-part:Castille

**ssp. baeterrensis Lapouge, 1901** S-France:Aveyron, Tarn, Aude, Herault(Bessan), Alp.Marit., Gard, Vaucluse, Isere, Ardeche  
 =provincialis Born, 1903 Alpes-de-Haute-Provence:Digne  
 =bicinctus Born, 1905 Aude:Ft.de Monthaut, Rennes-les-Bains, Ft.de la Loubatière  
 =viridilucens Barthe, 1909 Tarn:Montagnes Noires  
 ~sicardi Sirguey, 1931; un  
 =thorencicus (Ochs, 1967) Alpes-Maritimes:Loyis du Pin

**ssp. exasperatus Duftschmid, 1812** NE,CE-Austria:Graz, Wien env.; S-Moravia; NW,NC-Hungary:Gyor, Budapest env.



=**glabrellus Dejean, 1826** "Austria"  
=pseudoviolaceus **Kraatz, 1886** S-Moravia:"Brünn"(=Brno)  
=rakosiensis **Csiki, 1905** NC-Hungary:"Rakosfeld"(=Pest:E of Budapest)

**ssp. germarii Sturm, 1815** Alps:SC-Switz. - N-Italy - SC,SE-Austria; Slovenia, E-Croatia, Slavonia, S-Hungary; "Krain"  
=detritus **Drapiez, 1821**  
=obliquus **Thomson, 1875** ?Slavonia:Frushka Gora  
=savinicus **Hammer, 1906** SC-Austria:Villach env.:"Ober-Seeland"  
=rombonensis **Bernau, 1911** NW-Slovenia:"Mt.Rombon bei Flitsch"(=Julijske Alpe:Bovec)  
~jureceki **Sokolar, 1913**; **un** Trentino:Folgaria(=S of Trento)  
=ticinensis **Born, 1920** "Tessin"(=SC-Switzerland)  
=poussielguei **Nicolas, 1924** Monti Lessini:Sette Comuni(=N of Verona)

**ssp. neesi Hoppe & Hornschuch, 1825** SC,E-Austria(Kärnten:Heligenblut) to SW-Switzerland; NE-Italy:Alto Adige:Alpi Atesine  
~laevigatus **Dejean, 1826, nec Scriba, 1790** Steiermark:Rottenmanner Tauern:alpine zone  
=kunzei **Heer, 1837**  
~buendneri **Breuning, 1934**; **un** CE-Switzerland:"Graubünden, Bonaduzer Alpen"(=W of Davos:Bonaduz env.)  
~styriensis **Breuning, 1934**; **un**; **nom.pro laevigatus Dejean** C-Austria:Steiermark(Rottenmanner Tauern:alpine zone), NE-Kärnten  
=pseudoneesi **Mandl, 1984** C-Austria:Salzburg:E-part; Steiermark:NW-part(Ramsau, 1300m); alpine form

**ssp. vlasuljensis Apfelbeck, 1894** Bosnia(Bosnia/Montenegro:Volujak Mts., Vlasulje; alpine form)  
=scordiscus **Lapouge, 1901** Bosnia  
=igmanensis **Eidam, 1927** Bosnia:Igman planina  
=narentinus **Eidam, 1927** Bosnia:E of Narenta:Prenj planina:low altitude  
=prenjus **Eidam, 1927** Bosnia:Prenj planina:high altitude

**ssp. fiorii Born, 1901** NC, NW-Italy(Emilια:Casinalba) to Alpi Liguri; SW-Switz.; E-France:Savoie, Alp.Hte.Prov.  
~pedemontanensis **Breuning, 1935**; **un** Alpi Liguri:"Viozene"  
=dechambrei (**Colas, 1952**) Alpes-Hte-Provence:Vallée de l'Ubaye:Col de Larche  
~adelus **Tarrier, 1974**; **un** NW-Italy:Liguria:Imperia:Nava, 800m

**ssp. azurescens Dejean, 1826** Croatia(Velebit Mts.:betw.Gospic/Karlobag); Serbia, Bosnia, Montenegro  
=krajnensis **Born, 1904** CE-Serbia:Krajina, Majdanpek, Negotin  
=hercegovinus **Born, 1913** Bosnia:Vran Planina, Cvrsnica Planina(=SE of Duvno)  
=zabljakensis **Eidam, 1927** Montenegro:Durmitor Massif:Zabljak env., Prokletje Mts.  
=durmitorus **Mandl, 1985** Montenegro:Durmitor Massif; alpine form)  
=shljebensis **Mandl, 1985** Montenegro/Albania:Prokletje Mts.:Zljeb env.; Mokra gora Mts.

**ssp. rilvensis Kolbe, 1887** "Rumelia"; ?SW-Bulgaria, ?Macedonia:~Rila Mts., ?Kozuf Planina(=W of Gevgjija)  
~balcanicus **Lapouge, 1901, nec Born, 1899** ?W-Balcans  
=skombrosensis **Eidam, 1927** CW,C-Bulgaria:Rila Mts., Vitosha Massif; C,W-Stara planina Mt.R.  
=sofianus **Eidam, 1927**CW-Bulgaria:Sofia env.

**ssp. aurolimbatus Dejean, 1829** C,E-Eur.Russia("Ural"); SW,SC-Siberia; Caucasus, Kazakhstan, ?Kyrgyzstan  
=castaneipennis **Ménétriés, 1832** "Kaukasus"  
=eversmanni **Fischer, 1832** "Kirghisensteepes"

**ssp. picenus A.& J.B.Villa, 1838** C,S-Italy(Ancona env.)  
=romanus **Born, 1905** CW-Italy:Lazio:Roma env.(Castelromano)  
=authionensis **Ochs, 1953** ?Alpes-Maritimes:Authion Massif  
=bruschii **Tarrier, 1974** C-Italy:Abruzzi:Campo Imperatore, 1800m

**ssp. liguriensis Breuning, 1934**; ?**un** NW-Italia:Liguria:Alpi Liguri, Appenine Ligure(Val Bisagno nr.Genova)  
=hypochora **Tarrier, 1971** Alpes-Maritimes:middle Vésubie valley:Roquebilliere env.

**ssp. dryas Gistel, 1857** NE-Greece("Saloniki"=Thesaloniki), SW-Bulgaria, Macedonia, NC-Albania  
=merditanus **Apfelbeck, 1918** NC-Albania:"Mirdite Mts.:Mt.Maj`e Zebes"(=Mirdite Mts.SW of Bicaj); Gjalica Lumes Mts.  
=shardaghensis **Apfelbeck, 1918** Macedonia/Kosovo:~Shar Dag:Golesnica(=Shar Planina)  
~skripetarum **Breuning, in litt.**  
=bartoni **Mařan, 1930** SW-Bulgaria:"Alibotush"(=Mt.Orvelos)  
~korabensis **Csiki, 1944**; **un** Macedonia/Serbia/Albania borders:Korab Mts.  
~marani **Štěrba, 1945**; **un** Macedonia:Jablanica Mts.(=W of Ohrid); Peristeri(=Pelister Mts.SW of Bitola)  
~purkynei **Štěrba, 1945**; **un** SW-Bulgaria:Belasica Mts.(=nr.Petrich)  
~peristericus **Mandl, 1961**; **un** Macedonia:"Peristeri"(=Pelister Mts.SW of Bitola)  
=letellieri **Blumenthal, 1976** NE-Greece:Pangaion Massif, Olympos Massif  
=pirinensis **Mandl, 1985** SW-Bulgaria:"Pirin:Sandanski-Popinalka"(=Pirin Mts.:S-part:Popina Lyaka:Sandanski Hut)

**ssp. mixtus Géhin, 1876, nec Herbst, 1784; nbm** CE-France:Isère(Grande Chartreuse); Savoie; Drôme:N-part  
=cyaneolimbatus **Kraatz, 1879** Isère:Grenoble; "Gallia mer. mont. Costa"(LT)  
=saouensis **David & Marchal, 1968** Drôme:Ft.de Saou  
=neomixtus **Tarrier, 1975**; **nom.pro saouensis David & Marchal** Drôme:Ft.de Saou(=E,C-part)  
=vocontianus **Keith, 1995** Drôme:ca.40km E Valence:Ft.de Lente