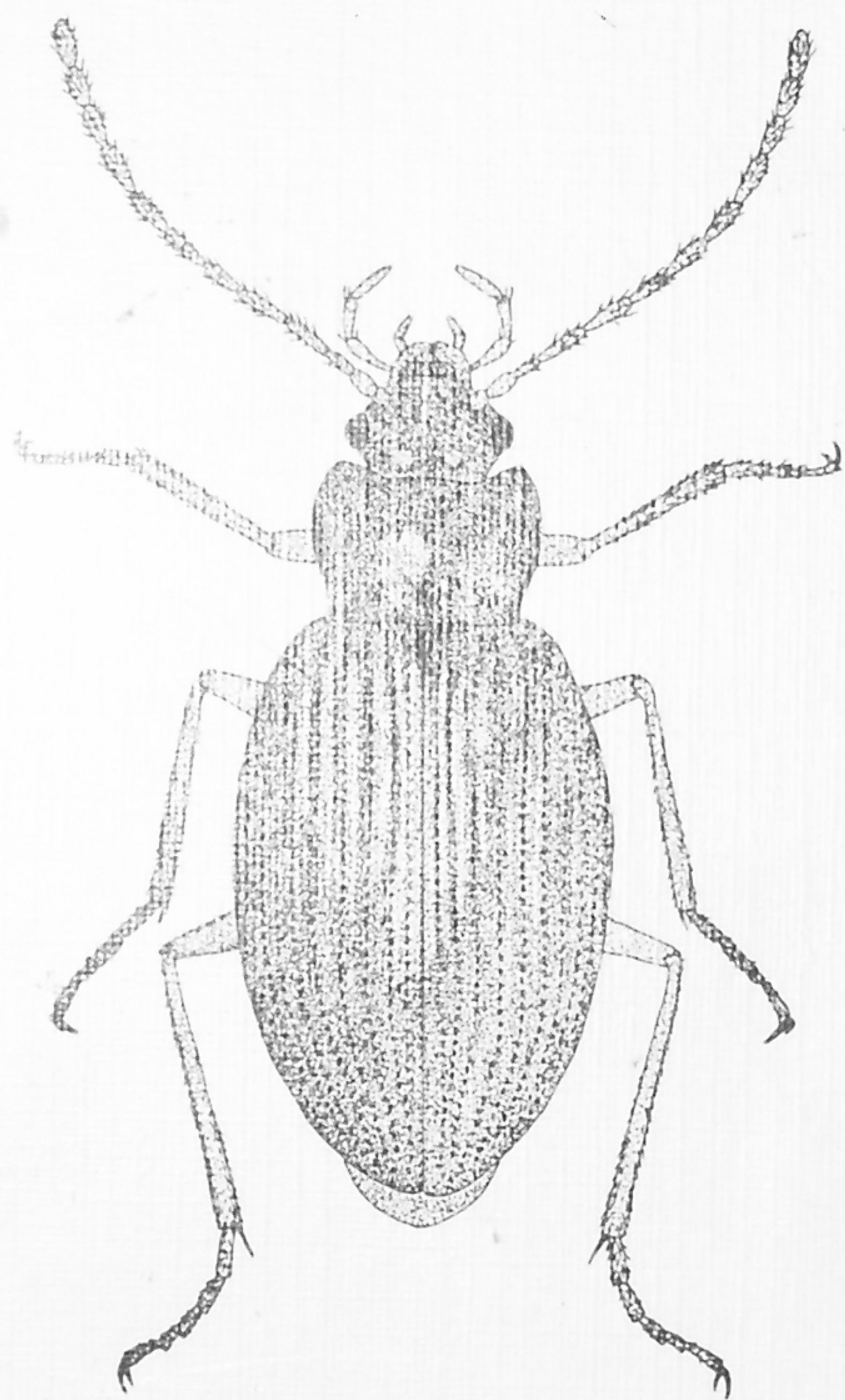


ENUMERATIO COLEOPTERORUM
FENNOSCANDIAE ET DANIAE



Helsinki 1979 Helsingfors

ENUMERATIO COLEOPTERORUM
FENNOSCANDIAE ET DANIAE

Redigenda curavit Hans Silfverberg

Auctoribus Frits Bangsholt, Olof Biström,
Stig Lundberg, Jyrki Muona, Hans Silfverberg,
Andreas Strand

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Esipuhe

Uutta pohjoismaista kovakuoriaisluetteloa on jo kaivattu pitkään. Paitsi että viimeisimmän luettelon (v. 1960) jälkeen on tullut lukuisia maille uusia lajeja on myös kovakuoriaisten systematiikassa tapahtunut huomattavaa edistymistä. Lisäksi ei aikaisemmissa luetteloissa aina ole huomioitu kansainvälisten nimistösääntöjen vaatimuksia. Näistä syistä on tähän luetteloon ollut pakko tehdä eräin paikoin korjauksia totuttuun järjestykseen ja nimistöön.

Luettelossa ilmoitetaan lajien esiintyminen alueen eri osissa. Suomesta tunnetut lajit ilmaistaan kirjaimella F, Ruotsista kirjaimella S, Norjasta N ja Tanskasta D. Neuvostoliiton fennoskandisista osista käytetään kirjainta K, ja B merkitsee Eestiä ja Latviaa (ks. kartta). Importtilajeista käytetään i -kirjainta asianmukaisessa sarakkeessa. Aivan tilapäisiä importtilajeja (esim. banaanien mukana tulleita) ei ole huomioitu.

Työ on jaettu siten että Ruotsin lajisto on Lundbergin, Norjan Strandin ja Tanskan Bangsholtin kokoama. Suomen, sekä Neuvostoliiton osien lajistot ovat taas Biströmin, Muonan ja Silfverbergin laatimat. Tässä ovat Baltian tiedot etupäässä kirjallisuudesta peräisin, ja niissä voi olla muihin verrattuina joitakin epäjohdonmukaisuuksia. Teoksen systematiikka ja nimistö on Silfverbergin kokoama, Biströmin ja Muonan avustaessa, paitsi heimossa Staphylinidae, joka on Muonan järjestämä.

Haluamme kiittää kaikkia kollegoitamme, jotka ovat avustaneet tämän luettelon laatimisessa. Ilmaisemme myös kiitoksemme Suomen Akatemialle, joka on myöntänyt avustusta painatuskuluihin.

Förord

Behovet av en ny nordisk skalbaggs katalog har känts redan länge. Förutom att det sedan senaste katalog (år 1960) tillkommit åtskilliga för länderna nya arter har också många framsteg gjorts inom skalbaggs systematiken. Dessutom har de tidigare katalogerna inte alltid beaktat de krav som de internationella nomenklaturreglerna ställer. Sålunda har det varit nödvändigt att i denna katalog göra ett antal rättelser till den invanda ordningen och nomenklaturen.

Arternas förekomst i de olika delarna av området anges i katalogen. Arter som påträffats i Finland betecknas med F, i Sverige med S, Norge N och Danmark D. För de fennoskandiska delarna av Sovjetunionen används K, och B betecknar Estland och Lettland (se karta). Importarter anges med i i motsvarande kolumn. Alldeles tillfälliga importarter (t.ex. sådana som kommit med bananer) har utelämnats.

Arbetet har fördelats så att Sveriges fauna sammanställts av Lundberg, Norges av Strand och Danmarks av Bangsholt. Faunan i Finland, liksom också den i de sovjetiska delarna, har sammanställts av Biström, Muona och Silfverberg. Här är de baltiska uppgifterna huvudsakligen samlade ur litteraturen, och kan därför uppvisa enstaka inkonsekvenser. Systematiken och nomenklaturen har bearbetats av Silfverberg, med understöd av Biström och Muona, så när som på familjen Staphylinidae, för vilken Muona står.

Vi önskar tacka alla våra kolleger, som varit oss till hjälp vid sammanställandet av denna förteckning. Vi uttrycker också vårt tack till Finlands Akademi, som beviljat understöd för tryckningen.

Preface

The need for a new check list of Fennoscandian Coleoptera has long been felt. Not only have there been numerous new species from the countries, but Coleopteran systematics have also made considerable advances since the last catalogue (in 1960). Furthermore, in previous works the demands of nomenclature were not always met in accordance with the existing rules.

In this check list, the species are enumerated, with their occurrence in the different parts of the area covered. Those found in Finland are denoted by F, those in Sweden by S, in Norway by N and in Denmark by D. The Fennoscandian parts of the Soviet Union (mainly the Karelian Isthmus, Karelian ASSR and the Kola Peninsula) are represented by K, and B stands for Estonia and Latvia (see map). For species introduced but not established, the letter i has been used in the corresponding column; not all such species are included, but mainly recurrent ones and animals associated with stored products. Banana imports and comparable cases have been excluded.

The work was divided so that the Swedish fauna has been listed by Lundberg, the Norwegian by Strand and the Danish by Bangsholt, while the faunas of Finland and the Soviet areas were listed by Biström, Muona and Silfverberg. Here, the records for B were mostly collected from the literature, and there may be some inconsistencies as compared with the other areas. The systematic arrangement and the nomenclature were prepared by Silfverberg with assistance from Biström and Muona, except for the Staphylinidae, which were arranged by Muona.

In this list, it has been our aim to use a nomenclature which is in agreement with the International Code, and yet to avoid purely formalistic changes where the Code offers an alternative course. Changes from long-established usage are prominent especially in three areas: original spelling, designation of type species for genera and homonymy. The Code states that the original spelling is to be used unless validly emendated, and in most cases we have followed this ruling. There are, however, some generic names of considerable importance where unanimous current use is different from the original spelling, which we decided not to resurrect. Instead, an application should be made to the International Commission on Zoological Nomenclature to validate these emendations. Another problem concerning spelling is that of the umlaut. The Code states that ä, ö and ü should be transcribed ae, oe and ue only in German names, but since this article is at present being reconsidered, we decided not to introduce any new spelling contrary to current Scandinavian use.

Every genus in zoology is defined by its type species, and the Code states that the first valid designation is decisive. Because of this, a number of generic names have been transferred to genera different from those which have been customarily known under that name. Most of the changes to be found in our list have already been accepted in other parts of the world, so an application to the Commission would be futile. We discovered some new cases during the preparation of this list, and most of them have been sent to the Commission.

The question of homonymy is a difficult one. We have discovered numerous primary homonyms, i.e. identical specific names originally described in the same genus. According to the Code, such names must always be replaced, and in Opinion 974 the Commission expressly refused to condone the use of both of two primary homonyms. Still, when the senior homonym is an unused name the Commission might suppress it, and a test case has been presented. For those cases where both homonyms have been in use we see no possibility to retain the junior one, and have accordingly used replacement names for them.

There are also alterations in the systematic arrangement. For the entire order, the system employed is mainly based upon that presented by Crowson. Several families also show a drastically different arrangement, such as Carabidae (arrangement after Lindroth), Elateridae (Gurjeva), Tenebrionidae (Doyen and Watt), Curculionidae (Morimoto) and Scolytidae (Wood). The family Staphylinidae has been rearranged by Muona, to a large extent after Blackwelder and Seevers. Subfamilies and tribes are mentioned in most cases, subtribes only in a few large

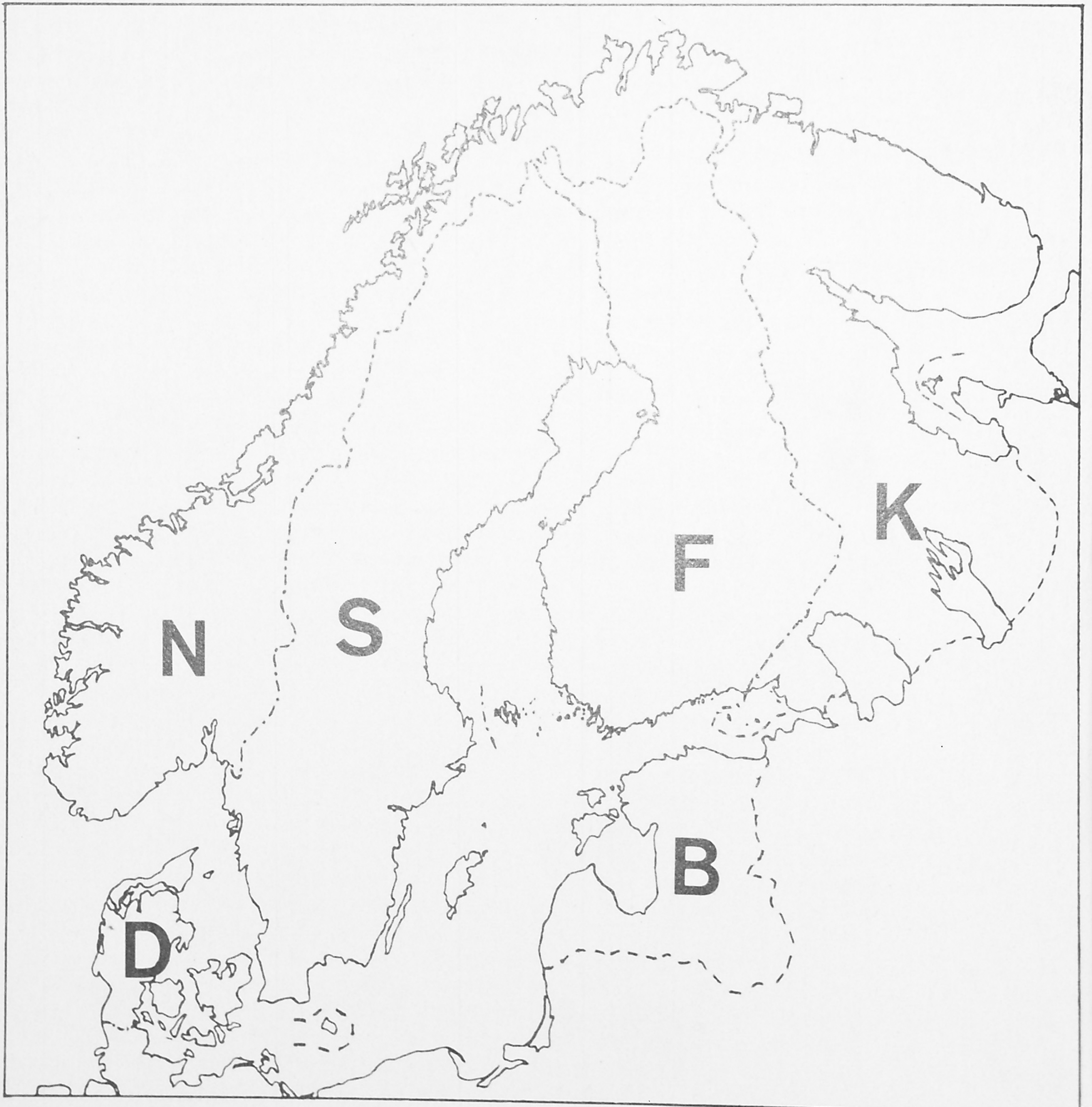
groups. Subgenera are used only in the genus *Atheta*. It is to be hoped that the system used in this list, even when not final, can at least point the way towards a natural system.

During work on this list we have received much help from colleagues, both compatriots and foreign. They are too numerous to be listed, but we wish, at least, to mention Dr. L. Dieckmann (Eberswalde) and Dr. R. D. Pope (London). We wish to express our gratitude to everybody who has assisted our work. The grant received from the Academy of Finland is also gratefully acknowledged.

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Helsingin Hyönteisvaihtoyhdistys
Eläinmuseo, P.Rautatiekatu 13
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sylvatica Lin
hybrida Lin
maritima De
campestris L
germanica Li

Tr
zetterstedti (C

limbatum (Fa

sycophanta (L
inquisitor (Lin
maderae (Fab
europunctat
denticolle Geb
investigator (L
reticulatum (F

monilis Fabri
arvensis Herb
(arcensis a
granulatus Lin
menetriesi Ho
clathratus Lin
jansoni Kra
cancellatus Ill
rauterbergi
munsteri Bo
kuntzeni El
sajanensis F
auratus Linn
nemoralis Mi
hortensis Lin
glabratus Pay
problematicus
gallicus Geb
(scandina
relictus Hel
wockei Bor
strandii Bor
nicens Linnae
convexus Fab
intricatus Lin
violaceus Lin
violaceus L
limbergi B
carelicus H
walti Deje

LANGURIIDAE

Loberinae

Pharaxonothini

- Eicolycetus J. Sahlberg, 1919
brunneus (Gyllenhal, 1808) FKS

EROTYLIDAE

Triplacinae

- Tritoma Müller, 1764
bipustulata Fabricius, 1775 FKSNDDB

Triplax Herbst, 1793

- aenea (Schaller, 1783) FKSNDDB
russica (Linnaeus, 1758) FKSNDDB
scutellaris Charpentier, 1825 FKSNDDB
rufipes (Fabricius, 1781) FKSNDDB

Dacninae

- Dacne Latreille, 1796
rufifrons (Fabricius, 1775) S D
bipustulata (Thunberg, 1781) FKSNDDB
Combocerus Bedel, 1868
glaber (Schaller, 1783) FKSNDDB

PHALACRIDAE

Phalacrus Paykull, 1800

- fimetarius (Fabricius, 1775) FKSNDDB
(corruscus Panzer, 1797)
grossus Erichson, 1845 S
championi Guillebeau, 1892 S B
(suecicus Palm, 1947)
substriatus Gyllenhal, 1813 FKSNDDB
caricis Sturm, 1807 FKS DB
(nigrinus auct. nec Marsham, 1802)

Olibrus Erichson, 1845

- aeneus (Fabricius, 1792) FKSNDDB
baudueri Flach, 1888 FKS D
millefolii (Paykull, 1800) FKSNDDB
corticalis (Panzer, 1797) S DB
pygmaeus (Sturm, 1807) S D
norvegicus Munster, 1901 FKSNDDB
(flavicornis auct. nec Sturm, 1807)
affinis (Sturm, 1807) S DB
bicolor (Fabricius, 1792) FKS DB
bimaculatus Küster, 1848 FKSNDDB

Stilbus Seidlitz, 1872

- testaceus (Panzer, 1797) F SNDB
atomarius (Linnaeus, 1767) FKS DB
oblongus (Erichson, 1845) FKS DB

CERYLONIDAE

Euxestinae

- Anommatus Wesmaël, 1835
duodecimstriatus (Müller, 1821) S D
diecki Reitter, 1875 S

Ceryloninae

Cerylon Latreille, 1802

- fagi Brisout de Barneville, 1867 F SNDB
histeroides (Fabricius, 1792) FKSNDDB
ferrugineum Stephens, 1830 FKSNDDB
impressum Erichson, 1845 FKSND B
deplanatum Gyllenhal, 1827 FKSND B

ENDOMYCHIDAE

Sphaerosominae

- Sphaerosoma Stephens, 1832
pilosum (Panzer, 1793) F SND

Mycetaeinae

- Mycetaea Stephens, 1830
subterranea (Fabricius, 1801) FKSNDDB
(hirta Marsham, 1802 nec
Schaeffer, 1769)

Symbiotes Redtenbacher, 1849

- latus Redtenbacher, 1849 D
gibberosus (Lucas, 1849) D

Leiestes Chevrolat, 1837

- seminigra (Gyllenhal, 1808) FKSND B

Endomychinae

Lycoperdina Latreille, 1807

- bovistae (Fabricius, 1792) S D
succincta (Linnaeus, 1767) F SNDB

Mycetina Mulsant, 1846

- cruciata (Schaller, 1783) F SNDB

Endomychus Panzer, 1795

- coccineus (Linnaeus, 1758) FKSNDDB

COCCINELLIDAE

Epilachninae

Subcoccinella Agassiz, 1846

- vigintiquattuorpunctata (Linnaeus, 1758) FKSNDDB

Cynegetis Chevrolat, 1837

- impunctata (Linnaeus, 1767) F SND

Coccinellinae

Coccidulini

Coccidula Kugelann, 1798

- scutellata (Herbst, 1783) F SND
rufa (Herbst, 1783) FKSNDDB

Rhyzobius Stephens, 1832

- litura (Fabricius, 1787) S D

Scymnini

Scymnus Kugelann, 1794 (Pullus Mulsant, 1846)

- apetzoides Capra & Fürsch, 1967 FKSND
(apetzi auct. nec Mulsant, 1846)

frontalis (Fabricius, 1787)	FKSNDB	Tytthaspis Crotch, 1874	
mimulus Capra & Fürsch, 1967	FKSND	sedecimpunctata (Linnaeus, 1761)	F SNDB
(rufipes auct. nec Fabricius, 1798)		Adalia Mulsant, 1850	
jakowlewi Weise, 1892	F SN	conglomerata (Linnaeus, 1758)	FKSN
(triangularis J. Sahlberg, 1914)		decempunctata (Linnaeus, 1758)	FKSNDB
femoralis Gyllenhal, 1827	N	bipunctata (Linnaeus, 1758)	FKSNDB
abietis (Paykull, 1798)	FKSNDB	frigida (Schneider, 1792)	FKSN
nigrinus Kugelann, 1794	FKSNDB	Coccinella Linnaeus, 1758	
rubromaculatus (Goeze, 1777)	FKS DB	hieroglyphica Linnaeus, 1758	FKSNDB
haemorrhoidalis Herbst, 1797	FKSNDB	trifasciata Linnaeus, 1758	FKSN B
ferrugatus (Moll, 1785)	FKS B	septempunctata Linnaeus, 1758	FKSNDB
auritus Thunberg, 1795	FKSNDB	distincta Faldermann, 1837	FKSNDB
impexus Mulsant, 1850	i	(divaricata auct. nec Olivier, 1808)	
limbatus Stephens, 1832	FKSNDB	quinquepunctata Linnaeus, 1758	FKSNDB
(testaceus auct. nec Motschulsky, 1837)		undecimpunctata Linnaeus, 1758	FKSNDB
stiglundbergi Fürsch, 1969	S	Coccinula Dobzhansky, 1925	
suturalis Thunberg, 1795	FKSNDB	quattuordecimpustulata (Linnaeus, 1758)	FKSNDB
ater Kugelann, 1794	S B	Synharmonia Ganglbauer, 1899	
fennicus J. Sahlberg, 1886	FKSN	conglobata (Linnaeus, 1758)	FKS DB
Nephus Mulsant, 1846		Harmonia Mulsant, 1846	
redtenbacheri (Mulsant, 1846)	FKSNDB	quadripunctata (Pontoppidan, 1763)	S DB
limonii (Donisthorpe, 1903)	ND	axyridis (Pallas, 1773)	F
bipunctatus (Kugelann, 1794)	FKSNDB	octomaculata (Fabricius, 1781)	S
bisignatus (Boheman, 1850)	FKSND	Myrrha Mulsant, 1846	
Stethorus Weise, 1885		octodecimguttata (Linnaeus, 1758)	FKSNDB
punctillum (Weise, 1891)	FKSNDB	Sospita Mulsant, 1846	
Hyperaspini		vigintiguttata (Linnaeus, 1758)	FKSNDB
Hyperaspis Chevrolat, 1837		Calvia Mulsant, 1846	
campestris (Herbst, 1783)	B	(Propylaea Mulsant, 1846)	
reppensis (Herbst, 1783)	FKS	decemguttata (Linnaeus, 1767)	S B
pseudopustulata Mulsant, 1853	SND	quattuordecimguttata (Linnaeus, 1758)	FKSNDB
Platynaspini		quindecimguttata (Fabricius, 1777)	FK B
Platynaspis Redtenbacher, 1843		quattuordecimpunctata (Linnaeus, 1758)	FKSNDB
luteorubra (Goeze, 1777)	FKSNDB	Myzia Mulsant, 1846	
Chilocorini		(Neomysia Casey, 1899,	
Chilocorus Leach, 1815		Paramysia Reitter, 1911)	
bipustulatus (Linnaeus, 1758)	FKSNDB	oblongoguttata (Linnaeus, 1758)	FKSNDB
renipustulatus (Scriba, 1790)	FKSNDB	Anatis Mulsant, 1846	
Exochomus Redtenbacher, 1843		ocellata (Linnaeus, 1758)	FKSNDB
quadripustulatus (Linnaeus, 1758)	FKSNDB	Psylloborini	
nigromaculatus (Goeze, 1777)	FKS DB	Halyzia Mulsant, 1846	
(flavipes Thunberg, 1781)		sedecimguttata (Linnaeus, 1758)	FKSNDB
Coccinellini		Vibidia Mulsant, 1846	
Hippodamia Chevrolat, 1837		duodecimguttata (Poda, 1761)	S DB
(Adonia Mulsant, 1846)		Thea Mulsant, 1846	
tredecimpunctata (Linnaeus, 1758)	FKSNDB	vigintiduopunctata (Linnaeus, 1758)	FKSNDB
septemmaculata (Degeer, 1775)	FKSNDB	CORYLOPHIDAE	
arctica (Schneider, 1792)	FKSN	Corylophinae	
variegata (Goeze, 1777)	FKSNDB	Sacium LeConte, 1852	
Aphidecta Weise, 1899		pusillum (Gyllenhal, 1810)	FKS B
obliterata (Linnaeus, 1758)	FKSNDB	Arthrolips Wollaston, 1854	
Anisosticta Chevrolat, 1837		obscurus (Sahlberg, 1833)	FKS
novemdecimpunctata (Linnaeus, 1758)	FKSNDB		
strigata (Thunberg, 1795)	FKSN		
Semiadalia Crotch, 1874			
notata (Laicharting, 1781)	FK N		

Sericoderus Stephens, 1829
lateralis (Gyllenhal, 1827)
Corylophus Stephens, 1835
cassidoides (Marsham, 1802)

F SND
F S DB

Orthoperinae

Rypobius LeConte, 1852
ruficollis (Jacquelin du Val, 1854)
Orthoperus Stephens, 1829
punctatus Wankowicz, 1865
punctulatus Reitter, 1876
atomus (Gyllenhal, 1808)
(atomarius auct. nec Heer, 1841)
mundus Matthews, 1885
(improvisus Bruce, 1948)
brunnipes (Gyllenhal, 1808)
nigrescens Stephens, 1829
(coriaceus auct. nec Mulsant & Rey, 1861)

S
FKSN
F SN
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FKSND
FKSNDB
S D

LATRIDIIDAE

Latridiinae

Latridiini

Latridius Herbst, 1793

hirtus Gyllenhal, 1827
consimilis Mannerheim, 1844
anthracinus Mannerheim, 1844
minutus (Linnaeus, 1767)
pseudominutus (Strand, 1958)
nidicola (Palm, 1944)
brevicollis (Thomson, 1868)

FKSN B
FKSNDB
F SNDB
FKSNDB
FKSND
F SND
F S DB

Enicmus Thomson, 1859

brevicornis (Mannerheim, 1844)
lundbladi Palm, 1956
fungicola Thomson, 1868
planipennis Strand, 1940
apicalis J. Sahlberg, 1926
rugosus (Herbst, 1793)
testaceus (Stephens, 1830)
atriceps Hansen, 1962
transversus (Olivier, 1790)
histrion Joy & Tomlin, 1910

S B
F S
FKSNDB
FKSN
F S
FKSNDB
SNDB
D
FKSNDB
FKSND

Dienerella Reitter, 1911

(Cartodere Thomson, 1863
nec Thomson, 1859,

Microgramme Walkley, 1948)

elongata (Curtis, 1830)
separanda (Reitter, 1887)
ruficollis (Marsham, 1802)
filiformis (Gyllenhal, 1827)
argus (Reitter, 1884)
filum (Aubé, 1850)
costulata (Reitter, 1877)

F SNDB
SN
SND
F SNDB
F
FKSNDB
B

Adistemia Fall, 1899

watsoni (Wollaston, 1871)

F S

Stephostethus LeConte, 1878
(Latridius auct. nec Herbst, 1793)

lardarius (Degeer, 1775)

FKSNDB

attenuatus (Mannerheim, 1844)
angusticollis (Gyllenhal, 1827)
pandellei (Brisout de Barneville, 1863)
kokujevi (Semenov, 1898)
sahlbergi (Reitter, 1894)
variolosus (Mannerheim, 1844)
alternans (Mannerheim, 1844)
rugicollis (Olivier, 1790)

F
FKS?DB
FKSN B
D
FKSN
FKSN
F SND
FKSNDB

Thes Semenov-Tian-Shansky, 1910

bergrothi (Reitter, 1880)

FKSNDB

Aridius Motschulsky, 1866

australicus (Belon, 1887)
(norvegicus Strand, 1940)
bifasciatus (Reitter, 1877)
nodifer (Westwood, 1839)

i
i
F SNDB

Cartodere Thomson, 1859

constricta (Gyllenhal, 1827)

FKSNDB

Corticariini

Corticaria Marsham, 1802

pubescens (Gyllenhal, 1827)
dentiventris Poppius, 1904
pineti Lohse, 1960
crenulata (Gyllenhal, 1827)
fulva (Comolli, 1837)
umbilicata (Beck, 1817)
longicornis (Herbst, 1793)
impressa (Olivier, 1790)
lapponica (Zetterstedt, 1838)
(robusta Ganglbauer, 1899)
saginata Mannerheim, 1844
serrata (Paykull, 1798)
planula Fall, 1899

FKSNDB
F SN
F S
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FKSNDB
FKSNDB
FKS DB
FKSNDB
FKSND

(strandii Palm, 1949 nec Roubal, 1934)

orbicollis Mannerheim, 1853

FKSN

(munsteri Strand, 1937)

abietorum Motschulsky, 1867

FKSNDB

(abietum auct.)

interstitialis Mannerheim, 1844

FKSN

foveola (Beck, 1817)

FKSN

rubripes Mannerheim, 1844

FKSNDB

(linearis Paykull, 1798 nec

Thunberg, 1784)

polypori J. Sahlberg, 1900

FKSN

(eppelsheimi Reitter, 1886 nec
Reitter, 1875)

alleni Johnson, 1974

F S

longicollis (Zetterstedt, 1838)

FKSND

crenicollis Mannerheim, 1844

FKSN

fennica Johnson, 1974

F

lateritia Mannerheim, 1844

FKSN

(eppelsheimi Reitter, 1875)

inconspicua Wollaston, 1860

F S D

elongata (Gyllenhal, 1827)

FKSNDB

obsoleta Strand, 1940

FKSN

fagi Wollaston, 1854

F ND

(pietschi Ganglbauer, 1899)

ferruginea Marsham, 1802

FKSNDB

Corticaria Johnson, 1975

gibbosa (Herbst, 1793)

FKSNDB

Corticarina Reitter, 1880

similata (Gyllenhal, 1827)

FKSNDB