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## A checklist of the Limnichidae and the Lutrochidae (Coleoptera) of the world

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**Abstract.** A checklist of the world species of Limnichidae (35 genera, 345 species) and Lutrochidae (1 genus, 11 species) is presented. The author, year of publication and page number, synonyms, distribution by country, and a terminal bibliography are given for each genus and species. Biological information is also reviewed.

### Introduction

The Limnichidae Erichson (1847) and Lutrochidae Kasap and Crowson (1975) are small semi-aquatic beetles; adults of both families most frequently live in riparian habitats. Both families were previously assigned to the superfamily Dryopoidea (Crowson, 1978); however, they are now placed in the Byrrhoidea (Lawrence and Newton, 1995). From 1975 through 1993, D. P. Wooldridge published numerous limnichid descriptions and revisions but much systematic work remains to be done for the Limnichidae, especially in the tropical regions of the Eastern Hemisphere.

Not much has been published dealing with the biology of the families. Paulus (1970) described the larva of the European species *Limnichus sericeus* Duftschmid (1825) and the larva and pupa of *Pelochares versicolor* Waltl (1838). Paulus also reported that the larvae of both genera are terrestrial and live in the soil under the "Chlorophyceae-Bryophyta layers," and reportedly feed on those plants.

Adults may be found near the waterline on branches and grasses hanging over stream banks or in riffles, on driftwood, in logjams, and on rocks in streams; some are found in splash zones beside cascades and waterfalls and on dam breasts. Specimens of at least five limnichid genera, *Pseudeucinetus* Heller (1921), *Martinius* Spilman (1959), *Hyphalus* Britton (1971, 1973, 1977), *Throscinus* LeConte (1874) (fide Wooldridge, 1981), and *Mexico* Spilman (1972) are known to live on coral reefs (Satô, 1997; Hernando and Ribera, 2000b), coastal lagoons, mangrove swamps, or edges of mud or rocky flats along coastal areas.

Brown (1965) discussed characteristic microhabitats of various dryopoids including *Lutrochus* Erichson (1847). Brown and Murvosh (1970) de-

scribed the species and adult behavior of *Lutrochus arizonicus* Brown and Murvosh. Hilsenhoff and Schmude (1992) reported that adults of *L. laticeps* Casey (1893) were found in small to large, warm, calcareous streams; that adults oviposit on submerged wood or on travertine rocks; and larvae were aquatic and were collected on the travertine rocks.

Previous world catalogs that included the limnichids and lutrochids are by Zaitzev (1910) and von Dalla Torre (1911) who recorded 11 genera and 75 species. Blackwelder (1944) published a checklist of the Coleoptera of Mexico, Central America, the West Indies, and South America in which he reported 11 genera and 44 species of Limnichidae and 8 species of Lutrochidae in the nominate genus. Wooldridge (1986b) published a catalog of the Limnichidae (including *Lutrochus*) of North America in which he included 6 genera and 29 species of Limnichidae and the single genus, *Lutrochus* with 3 species. Some recent revisionary studies on the Limnichidae are those by Wooldridge (1976, 1977a, 1977b, 1978, 1979, 1980, 1981b, 1982, 1983, 1987b). Additional studies that have added to our knowledge of the Limnichidae are by Darlington (1936), fauna of the West Indies; Wu (1937), China; Satô (1965), Formosa; Satô (1966, 1976, 1997), Japan; Delève (1968, 1974), Herando and Ribera (2000a), Africa; Delève (1971, 1973), Asia; Wooldridge (1975), Western Hemisphere; Pütz (1991b), Germany; Mascagni (1995), Italy; Pütz (1998a, 1998b), China and neighboring countries; Ribera and Hernando (1999), and Hernando and Ribera (2000b), Oriental Region.

This checklist is an effort to bring the limnichid and lutrochid names and pertinent taxonomic literature into a single publication and was compiled by examining the literature for descriptions, synonyms,

and distributional data plus examination of the collection of the Smithsonian Institution.

**A checklist of the Limmichidae  
of the world**

- ACONTOSCELES* Champion, 1924a:27  
*hydroporoides* Champion, 1924a:29  
 Taiwan [Formosa], India  
*tagalog* Spilman, 1959:116  
 Philippines  
*yorioi* Satô, 1966:60  
 Japan (Ryukyus)
- AFROLIMNICHUS* Delève, 1968:259  
*brevicornis* Delève, 1968:260  
 Congo  
*oblongus* Delève, 1974:40  
 South Africa (Cape Province)
- BABALIMNICHUS* Satô, 1994:174  
*masamii* Satô, 1994:175  
 Japan (Ryukyus)  
*taiwanus* Satô, 1994:174  
 Taiwan
- BOTHRIOPHORUS* Mulsant and Rey, 1852:19  
*atomus* Mulsant and Rey, 1852:20  
 (syn., *ventetus* Ferrari, 1864:108)  
 Europe
- BYRRHINUS* Motschulsky, 1858:50  
 syn., *BYRRHININUS* Pic, 1922:6  
 syn., *CYPHONICHUS* Sharp, 1902a:679  
 syn., *NOTIOCYPHON* Blackburn, 1896:272  
 syn., *PELOCHEROPS* Pic, 1923a:3  
*amoenus* Wooldridge, 1987a:310  
 Belize, British Guiana, Colombia, Ecuador  
*andamanus* (Pic), 1935a:2  
 Andaman Islands  
*angustatus* Motschulsky, 1858:51  
 India, Thailand  
*antipodium* Fauvel, 1903:348  
 New Caledonia  
*apicalis* Pic, 1922:5  
 Katanga  
*atricornis* (Pic), 1935a:3  
 Congo, Sierra Leone  
*atrolucidus* (Pic), 1923a:3  
 New Guinea  
*binhanus* (Pic), 1923b:5  
 Vietnam
- biroi* Pic, 1956:75  
 New Guinea  
*bomansi* (Delève), 1968:245  
 Tanganyika  
*borneensis* Pic, 1923b:7  
 Borneo  
*boucardi* Pic, 1923b:7  
 Sumatra  
*brevior* (Pic), 1927a:65  
 Sumatra  
*convexus* (Pic), 1923b:5  
 Philippines  
*cribrosus* Champion, 1923:253  
 India, Sri Lanka  
*curtus* Pic, 1935b:471  
 Sierra Leone  
*densepunctatus* (Pic), 1923b:6  
 Ivory Coast  
*diversus* (Pic), 1923b:5  
 Ivory Coast  
*ellyphiticus* Motschulsky, 1858:51  
 India  
*euryaspis* Champion, 1923:250  
 India [Nilgiri Hills]  
*ferax* Wooldridge, 1993b:359  
 Philippines, Borneo  
*flavicornis* Champion, 1923:251  
 India  
*formosanus* Pic, 1935a:2  
 Taiwan [Formosa]  
*fuscus* Motschulsky, 1858:52  
 India  
*goldbachii* Wooldridge, 1987b:310  
 Ecuador, Paraguay  
*gracilicornis* Pic, 1922:5  
 Brazil, Paraguay, Venezuela  
*grandis* (Pic), 1956:74  
 New Guinea  
*grossepunctatus* (Delève), 1968:249  
 Congo  
*hargreavesi* (Pic), 1935b:470  
 Sierra Leone  
*hirsutulus* Champion, 1923:250  
 India [Kumaon]  
*hirsutus* Pic, 1922:5  
 French Guiana, Trinidad  
*hulstaerti* (Pic), 1952:9  
 Kinshasa [Congo]  
*improcerus* Wooldridge, 1987b:310  
 Ecuador  
*inlineatus* Pic, 1923c:15  
 India

- irregularis* Pic, 1922:5  
Philippines
- jacobsoni* Pic, 1927a:65  
Sumatra
- latus* Motschulsky, 1858:50  
Bangladesh, Burma, India, Sri Lanka
- leleupi* (Delève), 1968:257  
Kivu [Zaire]
- leonensis* (Pic), 1923b:6  
Congo, Sierra Leone
- maculatus* Wooldridge, 1987b:307  
Ecuador
- magnus* Wooldridge, 1987b:307  
Ecuador, Perú,
- marginatus* Champion, 1923:249  
India [Kumaon], Pakistan
- maroniensis* Pic, 1923b:7  
Brazil, Colombia, French Guiana, Trinidad-  
Tobago, Venezuela
- mimicus* Wooldridge, 1987b:308  
Colombia, Panamá
- misellus* (Sharp), 1902a:681  
Colombia, Costa Rica, México, Nicaragua,  
Panamá
- monilicornis* Champion, 1923:251  
India [Kumaon]
- neoguineensis* (Pic), 1956:75  
New Guinea
- niger* Pic, 1922:5  
Vietnam
- nitidicollis* Pic, 1956:75  
New Guinea
- nitidulus* Motschulsky, 1858:51  
India, Thailand
- noctivagus* Lea 1920:277  
Australia
- oculatus* Motschulsky, 1858:52  
India
- olibroides* (Sharp), 1902a:679  
(syn., *celatus* Sharp, 1902a:680)  
Belize, El Salvador, Guatemala, México
- orientalis* (Sharp), 1902b:63  
Taiwan [Formosa], Malaysia (Borneo)
- padangus* Pic, 1927b:49  
Sumatra
- panamensis* (Sharp), 1902a:679  
(syn., *mollis* Sharp, 1902a:681)  
(syn., *rufipennis* Pic, 1923b:7)  
Belize, Colombia, Costa Rica, Guatemala,  
Panamá
- peguensis* Pic, 1923c:15  
India
- plenus* Wooldridge, 1987b:305  
Boliva, Ecuador
- pubiventris* Lea:1920:277  
Australia
- punctaticeps* Pic, 1927b:49  
Sumatra
- punctatus* (Pic), 1922:5  
Philippines
- punctulatus* (Delève), 1968:243  
Upemba [Zaire]
- reitteri* (Pic), 1923b:6  
Ghana
- rhomboideus* Champion, 1923:253  
India
- rufoapicalis* (Pic), 1955:132  
Ruanda, Kiva [Zaire]
- rufus* Pic, 1935a:2  
Thailand
- schoutedeni* (Pic), 1952:9  
Congo
- semirufus* Pic, 1923b:8  
Trinidad-Tobago, Venezuela
- seydeli* (Delève), 1968:252  
Elisabethville [Zaire]
- sikkimensis* Champion, 1923:249  
India [Sikkim]
- subglobosus* (Delève), 1968:254  
Elisabethville [Zaire]
- subglobosus upembanus* (Delève), 1968:256  
Upemba [Zaire]
- subregularis* Pic, 1923c:15  
Vietnam
- subtestaceous* Pic, 1923b:8  
Philippines
- tarawakanus* Delève, 1973:23  
Borneo [Sabah], Philippines (Tawi Tawi)
- testaceicornis* (Pic), 1923b:5  
Philippines
- testaceipes* Pic, 1922:5  
*subregularis* Pic, 1923b:7 Lapsus Calami  
Sumatra
- tschoffeni* (Delève), 1968:235  
Boma [Congo]
- vatovai* (Pic), 1953:113  
Ethiopia
- vestitus* (Sharp), 1902a:681  
Guatemala, México
- vicinus* (Delève), 1968:248  
Congo
- wittei* (Delève), 1968:253  
Upemba [Zaire]

- CACOTHRYPTUS* Sharp, 1902b:63  
syn., *MACROBYRRHINUS* Pic, 1922:4  
*compactus* Sharp, 1902b:63  
Borneo, Vietnam  
*laosensis* Pic, 1928:2  
Laos  
*maculosus* Pic, 1923a:3  
Tonkin  
*multiseriatus* Champion, 1923:224  
India [Bengal]  
*ripicola* Champion, 1923:223  
India [W. Almora]  
*rouyeri* (Pic), 1922:4  
Sumatra  
*testudo* Champion, 1923:222  
India [W. Almora], Nepal
- CEPHALOBYYRRHINUS* Pic, 1923b:6  
*brevis* Wooldridge, 1986a:512  
Ecuador  
*curticornis* Pic, 1923b:6  
Costa Rica, Mexico, Nicaragua, Panama,  
Venezuela  
*impressopunctatus* Wooldridge, 1977b:32  
Bolivia  
*lineatus* Wooldridge, 1986a:513  
Costa Rica, Panama  
*robustus* Wooldridge, 1986a:512  
Ecuador, Peru  
*sedatus* Wooldridge, 1986a:513  
Ecuador
- CEPHALOBYYRRHUS* Pic, 1923b:4  
*bertiae* Pütz, 1998b:344  
China [Yunnan]  
*brevipalpus* Pütz, 1998b:346  
China [Yunnan]  
*emeishanensis* Pütz, 1998b:347  
China [Sichuan]  
*gibbicollis* Champion, 1925a:175  
India [Kumaon]  
*jaechi* Pütz, 1998b:351  
China [Sichuan]  
*japonicus* Champion, 1925a:176  
Japan  
*jiangxiensis* Pütz, 1998b:354  
China [Jiangxi]  
*jinggangshanensis* Pütz, 1998b:355  
China [Jiangxi]  
*latus* Pic, 1923b:4  
Taiwan [Formosa]  
*longipalpis* Pütz 1998:359  
China [Jiangxi]
- nepalensis* Pütz, 1998b:360  
Nepal [Myagdi]  
*schillhammeri* Pütz, 1998b:362  
China [Sichuan]  
*schuelkei* Pütz, 1998b:363  
China [Sichuan]  
*sichuanensis* Pütz, 1998b:365  
China  
*subelongatus* Pic, 1923b:4  
India [Sikkim]
- CHIBIDORONUS* Satô, 1966:59  
*aureus* Satô, 1966:60  
Japan (Ryukyus)
- CORRINEA* Wooldridge, 1980:69  
*admirandus* (Sharp) 1902a:677  
México  
*audax* Wooldridge, 1980:75  
México  
*aurata* Wooldridge, 1980:71  
Brazil, Ecuador  
*delicata* Wooldridge, 1980:75  
Colombia, Costa Rica, México, Panamá  
*edita* Wooldridge, 1993a:36  
Venezuela  
*incondita* Wooldridge, 1980:73  
Bolivia, Colombia, Ecuador  
*lecta* Wooldridge, 1980:74  
Bolivia  
*parva* Wooldridge, 1980:74  
Bolivia, Ecuador, Perú  
*placida* Wooldridge, 1980:76  
Trinidad  
*salebrosa* Wooldridge, 1980:75  
Guatemala  
*spicula* Wooldridge, 1980:73  
Ecuador  
*splendida* Wooldridge, 1980:71  
Ecuador, Perú  
*vianai* (Pic), 1939:249  
Argentina
- CYCLOLIMNICHUS* Delève, 1968:270  
*dentoni* Hernando and Ribera 2000a:216  
Cameroon  
*jaechi* Hernando and Ribera 2000a:215  
Kenya  
*ovalis* Hernando and Ribera 2000a:215  
Cameroon  
*presignis* Delève, 1968:272  
Congo

- ERSACHUS* Erichson 1847:497  
*erichsonianus* Sharp, 1902a:683, pl. 20  
 Guatemala, México, Panamá  
*lugubris* Sharp, 1902a:684  
 Guatemala  
*mexicanus* Sharp, 1902a:684  
 México  
*variegatus* Erichson, 1847:497  
 Colombia
- EULIMNICHUS* Casey, 1889:146  
*acutus* Wooldridge, 1979:7  
 Costa Rica, Colombia, El Salvador, Guatemala,  
 Honduras, México, Panamá  
*analís* (LeConte), 1879:515  
 (syn., *analís rugiceps* Casey, 1912:47)  
 (syn., *analís coloradensis* Casey, 1912:47)  
 México, Panamá, USA (AR, AZ, CA, CO, MO,  
 OR, TX, UT, WA)  
*ater* (LeConte), 1854:117  
 (syn., *guatemalicus* Sharp, 1902a:676)  
 (syn., *sculpticeps* Casey, 1912:50)  
 (syn., *Limnichoderus oblongus* Pic, 1922:4)  
 Argentina, Belize, Bolivia, Brazil, British  
 Guiana, Colombia, Costa Rica, Cuba,  
 Ecuador, Guatemala, Honduras, Jamaica,  
 México, Panamá, Perú, USA (FL, GA, IN,  
 LA, MA, MS, NC, SC, TX), Venezuela  
*californicus* (LeConte), 1879:515  
 USA (CA, OR)  
*coheni* Wooldridge, 1979:4  
 Bolivia, Ecuador  
*confertus* Sharp, 1902a:676  
 México, Guatemala  
*corrinea* Wooldridge, 1979:3  
 Argentina, Brazil, Venezuela  
*epistemus* Sharp, 1902a:673  
 Costa Rica, Guatemala, Nicaragua, México  
*evanescens* Casey, 1912:48  
 USA (CA)  
*expeditus* Wooldridge, 1984b:57  
 Guatemala, Honduras  
*impostus* Wooldridge, 1978:172  
 (syn. *elongatus* Pic, 1923b:7; preoccupied)  
 Brazil  
*improcerus* Wooldridge, 1979:4  
 USA (MA)  
*incultus* Wooldridge, 1979:6  
 Bolivia, Ecuador  
*langleyae* Wooldridge, 1979:3  
 Ecuador, Perú  
*montanus* (LeConte), 1879:514  
 (syn., *laeticulus* Sharp, 1902a:674)  
 México, USA (AZ, CA, CO, NM, OR)  
*nitidulus* (LeConte), 1854:117  
 Argentina, Brazil, Costa Rica, Ecuador,  
 México, Nicaragua, Panamá, USA (AL, FL,  
 GA, IN, ME, MO, NC, NH, PA, SC, VA)  
*obscurus* (LeConte), 1854:116  
 USA (DC, IL, IN, KS, MD, MS, NC, NY, TN,  
 TX, VA)  
*optatus* Sharp, 1902a:675  
 Guatemala, México, USA (AL, GA, LA, TX)  
*pellucidus* Wooldridge, 1979:5  
 Venezuela  
*perpolitus* Casey, 1889:151  
 USA (AZ, CA, NM, TX)  
*plebius* Sharp, 1902a:675  
 (syn., *Limnichoderus convexus* Pic, 1922:4)  
 (syn., *Limnichoderus breyeri* Pic, 1930:43)  
 (syn., *Limnichoderus peruvianus* Pic, 1954:178)  
 Argentina, Brazil, Colombia, Dominican  
 Republic, Ecuador, El Salvador, Guatemala,  
 Haiti, Honduras, México, Puerto Rico, Perú,  
 Trinidad, Venezuela  
*rugulosus* Wooldridge, 1979:6  
 USA (IL, MI, WI)  
*rusticus* Wooldridge, 1979:7  
 México  
*sharpi* Wooldridge, 1979:5  
 México  
*sordidus* Sharp, 1902a:676  
 Guatemala  
*spangleri* Wooldridge, 1979:8  
 El Salvador, Guatemala, Honduras, México  
*subtitus* Wooldridge, 1979:8  
 USA (AL, FL)  
*sublaevis* Sharp, 1902a:674  
 Guatemala, Panamá  
*visendus* Wooldridge, 1979:1  
 México
- EUTHRYPTUS* Sharp, 1902a:682  
*orbicularis* Sharp, 1902a:682  
 Guatemala, México, Panamá  
*trigonalis* Sharp, 1902a:682  
 Guatemala
- HYPHALUS* Britton, 1971:88  
*crowsoni* Hernando and Ribera 2000b:240  
 Seychelles [Aldabra]  
*insularis* Britton, 1971:90  
 Australia  
*kuscheli* Britton, 1977:82  
 New Zealand

- prolixus* Britton, 1977:85  
New Zealand
- taekoae* Satô, 1997:110  
Japan (Ryukyus)
- ultimus* Britton, 1977:85  
New Zealand
- wisei* Britton, 1973:121  
New Zealand
- JAECHOBYRRHINUS** Pütz, 1991a:132
- amanosius* Pütz, 1991a:132  
Turkey
- LICHMINUS** Casey, 1889:147
- tenuicornis* Casey, 1889:155  
USA (CA)
- LIMNICHITES** Casey, 1889:147
- browni* Wooldridge, 1977a:187  
El Salvador, México
- confertus* (Sharp), 1902a:676  
Costa Rica, Guatemala, Honduras, Jamaica,  
México, Nicaragua
- foraminosus* Casey, 1912:43  
México, USA (AZ, CA, NM, OR, TX, UT)
- huronicus* Casey, 1912:43  
Canada, USA (IL, MA, MI)
- imparatus* Wooldridge, 1977a:181  
México
- nebulosus* (LeConte), 1879:515  
(syn., *densissimus* Casey, 1912:41)  
México, USA (AR, AZ, CA, OK, OR, TX)
- olivaceus* (LeConte), 1854:116  
(syn., *virginicus* Casey, 1912:42)  
USA (AL, AR, CT, DC, IA, IL, IN, MA, MD, MI,  
MO, NC, OH, OK, PA, TX, VA, WV)
- perforatus* (Casey), 1889:155  
México, USA (CA)
- porrectus* Wooldridge, 1977a:182  
México
- punctatus* (LeConte), 1854:116  
(syn., *austinianus* Casey, 1912:42)  
Canada, USA (AL, DC, GA, IA, IL, MA, MD,  
ME, MI, MN, MS, NH, NJ, NY, OH, OK, PA,  
RI, TX, UT, VA, WI)
- rudis* Wooldridge, 1977a:183  
Cuba, Jamaica
- simplex* Wooldridge, 1977a:188  
Costa Rica, México
- LIMNICHODERUS** Casey, 1889:147
- amoenus* Wooldridge, 1981b:179  
Ecuador
- angustus* Wooldridge, 1981b:180  
Colombia, Ecuador, Panamá, Venezuela
- barberi* Wooldridge, 1981b:174  
Haiti, Puerto Rico, Trinidad-Tobago
- conspectus* Wooldridge, 1981b:181  
Ecuador, Perú
- cupidus* Wooldridge, 1981b:178  
Brazil
- curtulus* Sharp, 1902a:678  
(syn., *minutus* Pic, 1922:4)  
Costa Rica, Panamá
- durus* Wooldridge, 1981b:182  
Brazil
- excelsus* Wooldridge, 1993a:35  
Venezuela
- fragosus* Wooldridge, 1981b:178  
Ecuador
- imprioris* Blackwelder, 1944:274  
(syn., *oblongus* Bréthes, 1922:297; preoccupied)  
Argentina
- insularis* Wooldridge, 1981b:188  
Dominican Republic, Haiti, Puerto Rico
- lutrochinus* (LeConte), 1879:515  
(syn., *indiscretus* Sharp, 1902a:678)  
(syn., *lanosus* Casey, 1912:55)  
Belize, Costa Rica, El Salvador, Guatemala,  
Honduras, México, Panamá, USA (AZ, CA,  
IL, OK, TX)
- magnus* Wooldridge, 1981b:179  
Costa Rica, Guatemala, México
- modicus* Wooldridge, 1981b:176  
Costa Rica, Ecuador, El Salvador, Guatemala,  
Honduras, Panamá
- moratus* Wooldridge, 1981b:185  
Colombia, Costa Rica, Guatemala, México,  
Panamá
- naviculatus* (Casey), 1889:156  
Costa Rica, El Salvador, Guatemala, Honduras,  
México, Nicaragua, Panamá, Puerto Rico,  
USA (AZ, CA, NM, NV, OK, TX)
- ovatus* (LeConte), 1854:117  
(syn., *pulvereus* Casey, 1912:54)  
México, USA (AL, FL, GA, LA, NC, SC, TX)
- placidus* Wooldridge, 1987a:330  
Costa Rica
- plenus* Wooldridge, 1981b:185  
México
- punctiventris* (Casey), 1889:159  
USA (FL)
- seclusus* Wooldridge, 1987a:330  
Ecuador
- seriatus* (Casey), 1889:158  
(syn., *floridanus* Casey, 1912:55)

- USA (AL, FL, GA, LA, MS, NC, SC, VA)  
*similis* Wooldridge, 1981b:182  
 Perú  
*vicinus* Pic, 1922:4  
 Brazil, Colombia, Ecuador, Panamá, Venezuela
- LIMNICHOMORPHUS* Pic, 1922:4  
*curtulus* Pic, 1922:4  
 Vietnam (Tonkin)  
*ohbayashii* Satô, 1966:58  
 Japan (Ryukyus)
- LIMNICHUS* Latreille, 1829:510  
*aeneipennis* Pic, 1935a:1  
 Vietnam  
*africanus* Pic, 1923a:3  
 Ghana  
*angustulus* Weise, 1877:300  
 Sardinia  
*astruci* Pic, 1922:3  
 India  
*ater* Lea 1920:279  
 Australia  
*aurosericus* Jacquelin du Val, 1857 (1859):268  
 (syn., *leprieuri* Perris, 1864:282)  
 Algeria, France, Italy, Spain  
*australis* Erichson, 1842:153  
 Australia, Tasmania  
*brevior* Fairmaire, 1898:224  
 Madagascar  
*coomani* Pic, 1935a:1  
 Vietnam  
*cuneatus* Champion, 1923:275  
 India [Kumaon]  
*curtus* Pic, 1922:3  
 Java  
*decorus* Broun, 1880:247  
 New Zealand  
*demoulini* Delève, 1968:217  
 Congo  
*ellipticus* Lea 1920:280  
 Australia  
*falsus* Delève, 1971:371  
 India  
*fragilicornis* Wollaston, 1868:80  
 Cape Verde Islands  
*fulvopubens* Pic, 1922:3  
 China  
*globosus* Champion, 1923:276  
 India [Kumaon]  
*incanus* Kiesenwetter, 1851:584  
 Mediterranean area, southern Europe,  
 Caucasus, Turkestan
- inornatus* Weise, 1877:301  
 (syn., *punctipennis* Baudi, 1870:64)  
 Cyperus  
*javanicus* Pic, 1922:3  
 Java  
*latiusculus* Reitter, 1901:72  
 Turkestan  
*lederi* Weise, 1877:302  
 Caucasus  
*lewisi* Nakane, 1963:43  
 (syn., *paululus* Lewis, 1879:12)  
 China, Japan, Russia  
*longitarsis* Champion, 1923:275  
 India [Sarda]  
*marmoratus* Fairmaire, 1898:224  
 Madagascar  
*micraspis* Champion, 1923:276  
 India [Sarda]  
*monticola* Delève, 1968:220  
 Kenya  
*murinus* Baudi, 1870:63  
 Cyperus  
*nigripes* Broun, 1893:1449  
 New Zealand  
*obliteratus* Champion, 1923:275  
 India [Kumaon]  
*orientalis* Motschulsky, 1861:112  
 Sri Lanka  
*palawanus* Delève, 1973:18  
 Philippines (Palawan)  
*picinus* Broun, 1881:671  
 New Zealand  
*pruinus* Fleischer, 1909:244  
 Samarkand  
*pumilio* Obenberger, 1916:29  
 Corfu  
*punctatus* Broun, 1880:247  
 New Zealand  
*punctipennis* Kraatz, 1858:148  
 Greece, Italy  
*pygmaeus* Sturm, 1807:114  
 (syn., *sericeus* Stephens, 1832:411)  
 (syn., *auricomus* Reitter, 1877 (1878):180)  
 (syn., *minutus* Rey, 1889:66)  
 (syn., *variegatus* Guillebeau, 1886:2)  
 (syn., *pygmaeus* var. Reitter, 1887:104)  
 Turkestan, middle Europe, Caucasus  
*ruficolor* Pic, 1935a:2  
 N. Borneo  
*rufipes* Pic, 1923b:6  
 Ivory Coast  
*rufulopubens* Fairmaire, 1897:368  
 Madagascar



- rufus* Pic, 1923b:7  
Philippines (Luzon)
- saegeri* Delève, 1968:218  
Congo
- sericeus* Duftschmid, 1825:24  
Europe, Asia
- subchalybeus* Reitter, 1881:85  
Caucasus
- subelongatus* Pic, 1922:3  
Sumbawa
- subnotatus* Champion, 1923:273  
India [Kumaon]
- sulcatulus* Pic, 1922:3  
Guadeloupe
- tonkineus* Fairmaire, 1888:337  
Tonkin, Vietnam
- trachyformis* Pic, 1922:3  
India [Kumaon]
- turkestanicus* Pic, 1905:97  
Turkestan
- unistriatus* Champion, 1923:274  
India [Kumaon]
- vagegluttatus* Fairmaire, 1898:223  
Madagascar
- waelbroecki* Delève, 1968:215  
Kinshasha
- MANDERSIA** Sharp, 1902b:62
- scymnoides* Sharp, 1902b:62  
Burma, China [Shan states], India
- MARTINIUS** Spilman, 1959:118
- ripisaltator* Spilman, 1966:124  
Cuba
- tellepontis* Spilman, 1959:119  
Panamá
- temporalis* Wooldridge, 1988:314  
Ecuador
- MEXICO** Spilman, 1972:113
- litoralis* Spilman, 1972:114  
México
- PARALIMNICHUS** Delève, 1973:24
- castaneus* (Lea), 1920:279  
Australia
- panamensis* Wooldridge, 1983:232  
Panamá
- punctatus* (Pic), 1923b:5  
(syn., *punctatus* var. *obscurior* Pic, 1923b:5)  
(syn., *rufescens* Pic, 1923b:5)  
Borneo, Guadalcanal, Philippines [Banguey]
- PARATHROSCINUS** Wooldridge, 1984c:121
- corrinae* Wooldridge, 1990:254  
Singapore
- magnus* Wooldridge, 1990:254  
Singapore
- murphyi* Wooldridge, 1990:251  
Singapore
- oculatus* (Motschulsky), 1858:52  
Burma, India
- orientalis* Wooldridge, 1984c:122  
Philippines, Vietnam
- PELOCHARES** Mulsant and Rey, 1869:161
- acuminatus* Champion 1923:271  
India [Sikkim]
- acutipennis* Pic, 1935a:2  
Malaysia
- alluaudi* Delève, 1968:226  
Africa Orientale
- basilewskyi* (Pic), 1955:131  
Ruanda
- biroi* (Pic), 1956:75  
New Guinea
- congoensis* Delève, 1968:221  
Congo
- densatus* Pic, 1922:3  
Java
- diversus* (Pic), 1922:3  
Philippines (Los Banos)
- emarginatus* Mulsant and Rey, 1869:161  
Europe
- gibbipennis* Champion, 1923:269  
Europe, Burma, India [Bengal], Sri Lanka
- minutus* Delève, 1968:224  
Kivu [Zaire]
- murinus* Baudi, 1870:63  
Cyprus, Caucasus
- oblongulus* Champion, 1925b:263  
India (Kumaon)
- orientalis* (Motschulsky), 1861:112  
(syn., *horni* Delève, 1971:368)  
Sri Lanka
- philippinensis* Delève, 1973:21  
Philippines (Tawi Tawi)
- rugiventrus* Champion, 1923:270  
(syn., *ceylanicus* Delève 1971:370)  
India [Kumaon], Sri Lanka
- ryukyuensis* Satô, 1966:57  
China, Japan (Ryukyus)
- sulciger* Champion, 1923:270  
Sri Lanka
- trifidus* Champion, 1923:272  
Burma

- versicolor* Waltl, 1838:273  
(syn., *emarginatus* Mulsant and Rey, 1869:161)  
(var., *opacus* Reitter, 1881:84)  
Europe, New Caledonia
- vitalisi* Pic, 1935a:1  
Cambodia
- PHALACRICHUS** Sharp, 1902a:678  
syn., *LIMNICHALIA* Casey, 1912:52
- atomarius* Sharp, 1902a:679  
(syn., *colonica* Casey, 1912:52)  
Belize, Bolivia, Colombia, Costa Rica, Ecuador,  
El Salvador, Guatemala, Honduras, México,  
Nicaragua, Panamá, Perú, Surinam,  
Trinidad, Venezuela
- diligens* Wooldridge, 1982:389  
Bolivia, Brazil, Colombia, Venezuela
- durus* Wooldridge, 1982:387  
Bolivia, Brazil, Ecuador, Paraguay, Perú,  
Venezuela
- golbachii* Wooldridge, 1982:388  
Paraguay
- latus* Wooldridge, 1982:386  
Brazil, Colombia, Ecuador, Perú, Venezuela
- punctatus* Wooldridge, 1982:389  
Bolivia, Brazil, Colombia, Panamá, Venezuela
- rudis* Wooldridge, 1982:385  
Surinam, Venezuela
- simplex* Wooldridge, 1982:387  
Bolivia, Brazil, Venezuela
- spangleri* Wooldridge, 1982:386  
Ecuador, Venezuela
- sublimus* Wooldridge, 1993a:36  
Venezuela
- vianai* (Pic), 1938:77  
Argentina, Brazil, British Guiana, Trinidad
- PHYSEMUS** LeConte, 1854:117  
syn., *DITAPHRUS* Casey, 1886:250
- excavatus* Wooldridge, 1976:182  
El Salvador, Guatemala, Honduras
- latifrons* Wooldridge, 1976:180  
Panamá
- levis* Wooldridge, 1984a:538  
Brazil, Trinidad, Venezuela
- minutus* LeConte, 1854:117  
(syn., *Ditaphrus scymnoides* Casey, 1886:250)  
México, USA (AZ, CA, TX)
- mirus* Wooldridge, 1984a:538  
Ecuador
- punctatus* Wooldridge, 1976:180  
Colombia
- PLATYPELOCHARES** Champion, 1923:271  
syn. **WOOLDRIDGEUS** Spangler, 1999:181
- latimargo* Champion, 1923:272  
India [Kumaon]
- perforatus* (Spangler), 1999:182  
Malaysia
- periculosissimus* Ribera and Hernando, 1999:107  
Loas, Thailand, Vietnam
- petrus* Ribera and Hernando, 1999:108  
Malaysia
- trifidus* Champion, 1923:272  
Burma
- PSEUDEUCINETUS** Heller, 1921:155  
syn., **THAUMASTODUS** Champion, 1924a:25
- PSEUDOEUCHINETUS** Satô, 1994:173  
(misspelling)
- novabritannica* Delève, 1973:18  
Bismarck (New Britain)
- spilmani* Spangler, 1995:399  
Indonesia
- uenoi* Spangler, 1995:396  
Malaysia
- zygops* Heller, 1921:156  
(syn., *Thaumastodus fusiformis* Champion,  
1924a:27)  
India, Malaysia, New Ireland, Philippines,  
Solomon Islands
- RESACHUS** Delève, 1968:263
- lineatifrons* Delève, 1968:266  
Congo
- striatellus* Delève, 1968:263  
Congo
- SIMPLOCARINA** Pic, 1922:4  
syn., **CYRTOLIMNICHUS** Delève, 1968:267
- curticollis* Pic, 1922:4  
(syn., *punctulatus* Delève, 1968:267)  
Congo
- THROSCINUS** LeConte, 1874:51
- aethiops* Darlington, 1936:75  
Cayman Islands, Cuba, Dominican Republic,  
Haiti, Jamaica, Puerto Rico
- crotchi* LeConte, 1874:52  
Mexico, USA (CA)
- politus* Casey, 1889:162  
USA (TX)
- punctatus* Wooldridge, 1981a:220  
Colombia
- schwarzi* Schaeffer, 1904:204  
Jamaica, USA (TX)

*simplex* Wooldridge, 1981a:220

Colombia

*spangleri* Wooldridge, 1981a:218

Ecuador

*TRICHOLIMNICHUS* Hernando and Ribera, 2001:153

*maior* Hernando and Ribera, 2001:159

Malaysia

*minor* Hernando and Ribera, 2001:160

Malaysia

*sabahensis* Hernando and Ribera, 2001:160

Malaysia

### Checklist of the Lutrochidae of the World

*LUTROCHUS* Erichson, 1847:509

*BYRRMORPHUS* Sharp, 1882:125

*acuminatus* Grouvelle, 1889:163

Venezuela

*arizonicus* Brown and Murvosh, 1970:1031

USA (AZ)

*geniculatus* Chevrolat, 1864:406

Cuba, Haiti

*germari* Grouvelle, 1889:163

Brazil

*gigas* Hinton, 1939:23

Perú

*laticeps* Casey, 1893:580

USA (AL, AR, DC, IL, IN, MD, MI, MO, OH, MS, OK, PA, TN, WI, WV)

*luteus* LeConte, 1852:42

USA (NM, OK, TX)

*misellus* Grouvelle, 1896:17

Brazil

*montanus* Grouvelle, 1896:16

Bolivia

*pilula* Erichson, 1847:510

Brazil

*vestitus* Sharp, 1882:126

Guatemala

*busdam additis*. Berliner Entomologische Zeitschrift 14: 49-90.

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