

A World Catalogue of the Family Noteridae, or the Burrowing Water Beetles (Coleoptera, Adepfaga)

Version 16.VIII.2011

Prepared by
Anders N. Nilsson,
University of Umeå, Sweden
E-mail: anders.nilsson@emg.umu.se



Noterus crassicornis, *N. clavicornis*, *Suphis cimicoides*, *Noterus laevis*, and *Hydrocanthus grandis* copied from plate 24 of the Aubé Iconographie (1836-1838).

Distributed by the Author

Distributed electronically as a PDF-file that can be downloaded and freely distributed from the following URL: www2.emg.umu.se/projects/biginst/andersn/WCN/wcn_index.htm

Contents

The number of included species is given for each taxon.

Introduction	3
Catalogue	4
NOTERIDAE - 258	4
Noterinae - 240	4
Neohydrocoptini - 29	4
<i>Neohydrocoptus</i> - 29	4
Noterini - 207	9
<i>Canthydrus</i> - 65	9
<i>Hydrocanthus</i> - 52	20
<i>Liocanthydrus</i> - 4	27
<i>Mesonoterus</i> - 4	28
<i>Noterus</i> - 7	29
<i>Renotus</i> - 1	30
<i>Siolius</i> - 3	31
<i>Suphis</i> - 11	31
<i>Suphisellus</i> - 51	32
<i>Synchortus</i> - 9	40
Pronoterini - 3	41
<i>Pronoterus</i> - 3	41
Tonerini - 1	42
<i>Tonerus</i> - 1	42
Notomicrinae - 11	42
Notomicrini - 11	42
<i>Notomicrus</i> - 10	42
<i>Speonoterus</i> - 1	44
Phreatodytinae - 7	44
Phreatodytini - 7	44
<i>Phreatodytes</i> - 7	44
Nomina nuda of unknown identity	45
References	46

Introduction

The geographic distribution of taxa is given first as presence in one or more of the following zoogeographical regions: (AF) Afrotropical, (AU) Australian, (NA) Nearctic, (NT) Neotropical, (OR) Oriental, (PC) Pacific, and (PL) Palearctic. The following rough delimitation of regions is used: Afrotropical/ Palearctic: south border of Morocco, Algeria, Libya, Egypt plus Red Sea. - Australian/ Pacific: Pacific Ocean islands between longitude 100° and 180°W, and latitude 30°S to 20°N. - Nearctic/ Neotropical: border between Mexico and United States. - Nearctic/ Palearctic: between Baffin Island and Greenland. - Oriental/ Palearctic: border between main India and Pakistan, Kashmir, Himachal Pradesh, Uttar Pradesh, Nepal, Sikkim and Darjeeling, Bhutan, Arunachal Pradesh; border between China and Burma, Laos, and Vietnam. - Oriental/ Australian: Lydekker line. The delimitation of the Palearctic Region and the subdivision of Russia follow Löbl & Smetana (2003 & 2004).

Type localities are located to a specific nation when possible. The following abbreviations are used: (NP) National Park, and (US) United States of America. The old name Zaire is retained for the Democratic Republic of the Congo, and the short-hand Congo is used for the Republic of the Congo. Citations of type localities use the following symbols: (>) to more restricted level, (<) to more general level, (,) within same level, (<<) to highest level, ((...)) original name, ([...]) comment, and (/) or. Citations always start at the highest geographic level. Specifications after names are given with lower-case letters, e.g. lake, mt. Multiple type localities have been cited when the type series consists of several specimens from two or more different localities. In the faunistic block doubtful records are noted by a ? before a geographic name. Erroneous records are marked with !.

Type depository is given with the following letter codens that when possible follow Evenhuis & Samuelson (2006). Information given refers to current depository, which may differ from the one given in the original description. An '?' in this position means that the depository is unknown, and 'lost' has been used when the collections are known to have been destroyed. Depository of syntypes may include several collections, one of which is given if reported as examined by some author, or if the entire collection of the author describing the actual species is being kept together in a single collection.

AECAS	Institute of Applied Ecology, Chinese Academy of Sciences, Shenyang, China
AMGS	Albany Museum, Grahamstown, South Africa
AMNH	American Museum of Natural History, New York, USA
ANIC	Australian National Insect Collection, CSIRO, Canberra City, Australia
BMNH	The Natural History Museum, London, United Kingdom
CAB	Collection Armando Bilardo, Varese, Italy
CAS	California Academy of Sciences, San Francisco, California, USA
CGW	Collection Günther Wewalka, Wien, Austria
FSCA	Florida State Collection of Arthropods, Gainesville, Florida, USA
IRSNB	Institut Royal des Sciences Naturelles de Belgique, Brussels, Belgium
MCZ	Harvard University, Museum of Comparative Zoology, Cambridge, Massachusetts, USA
MGFT	Museum G. Frey, Tutzing, Germany
MIZA	Museo del Instituto de Zoología Agrícola, Maracay, Venezuela
MNHN	Museum National d'Histoire Naturelle, Paris, France
MRAC	Musée Royal de l'Afrique Centrale, Tervuren, Belgium
MSNG	Museo Civico di Storia Naturale 'Giacomo Doria', Genova, Italy
MSNM	Museo Civico di Storia Naturale, Milan, Italy
NHRS	Naturhistoriska Riksmuseet, Stockholm, Sweden
NSMT	National Science Museum (Natural History), Tokyo, Japan
NZSI	National Zoological Collection, Zoological Survey of India, Calcutta, India
OLML	Oberösterreichisches Landesmuseum, Linz, Austria
PURC	Purdue University, West Lafayette, Indiana, USA
RMNH	Nationaal Natuurhistorische Museum ('Naturalis'), Leiden, Netherlands
SAM	South Australian Museum, Adelaide, Australia
SAMC	Iziko Museum of Capetown, Cape Town, South Africa
SOFM	National Museum of Natural History, Sofia, Bulgaria
UASC	Museo de Historia Natural 'Noel Kempff Mercado', Santa Cruz de la Sierra, Bolivia
UMMZ	Museum of Zoology, University of Michigan, Ann Arbor, Michigan, USA
USNM	National Museum of Natural History, Washington D.C., USA
ZASP	Departamento de Zoologica, Secretaria de Agricultura, São Paulo, Brasil
ZIN	Zoological Institute, Russian Academy of Sciences, St. Petersburg, Russia
ZMHB	Museum für Naturkunde der Humboldt-Universität, Berlin, Germany
ZMUC	Zoological Museum, University of Copenhagen, Copenhagen, Denmark
ZMUM	Zoological Museum, Moscow State University, Moscow, Russia
ZSM	Zoologische Staatssammlung, München, Germany

Family NOTERIDAE (3 subfamilies)

Noterides Thomson 1860:34, as subtribe of Dytiscina; type genus: *Noterus*; DESCR.: Dettner 1997:99, 2005:72, Roughley 2001:147; N. STAT.: Bertrand 1928:191.

Subfamily NOTERINAE (4 tribes)

Noterides Thomson 1860:34, as subtribe of Dytiscina; type genus: *Noterus*; DESCR.: Dettner 1997:99.

Tribe NEOHYDROCOPTINI (1 genus)

Neohydrocoptini Zalát, Saleh, Angus & Kaschef, 2000:11; type genus *Neohydrocoptus*; DESCR.: Guignot 1959a:466 (as *Hydrocoptus*).

Hydrocoptini auct., nec Branden 1885:13 (= junior synonym of *Hydroporini*, Dytiscidae).

Genus *Neohydrocoptus* Satô, 1972 AF AU OR PL (29 spp.)

Neohydrocoptus Satô, 1972:144, as subgenus of *Hydrocoptus*; gender masculine; type species: *Hydrocoptus bivittis* Motschulsky, 1859:44 by original designation; DESCR.: Guignot 1959a:466 (as *Hydrocoptus*); N. STAT.: Nilsson et al. 1989:313.

Hydrocoptus auct., nec Motschulsky, 1853 (= junior synonym of *Hydroporus* Clairville, Dytiscidae).

aethiopicus (J.Balfour-Browne, 1961) AF

Hydrocoptus aethiopicus J.Balfour-Browne, 1961:62; TL: Angola >Huila district >Corocá river >8 miles N of Porto Alexandre; Holotype BMNH; DESCR.: Omer-Cooper 1965:67; N. COMB.: Nilsson 2005:91.

Hydrocoptus aethiopicus J.Balfour-Browne, 1961:62 (orig. descr., Angola, South Africa, Swaziland, Tanzania, Zaire); Omer-Cooper 1965:67 (Angola, Kenya, Malawi, Mozambique, South Africa, Swaziland, Tanzania, Uganda, Zaire, Zimbabwe); Pederzani & Rocchi 1982:71 (Congo); Bilardo & Rocchi 1987:101 (Botswana); 1990:175 (Gabon).

Hydrocoptus koppi Wehncke, 1883 (misident. vide Omer-Cooper 1967:58); Peschet 1925:28 (Angola); Omer-Cooper 1957a:360 (Malawi, Zimbabwe); Guignot 1959a:468 (Equatorial Guinea, Sudan, Zaire).

Neohydrocoptus aethiopicus (J.Balfour-Browne, 1961); Nilsson 2005:91 (cat.).

DISTRIBUTION: (AF) Angola, Botswana, Congo, Equatorial Guinea, Gabon, Kenya, Malawi, Mozambique, South Africa, Sudan, Swaziland, Tanzania, Uganda, Zaire, Zimbabwe.

africanus (Gschwendtner, 1930) AF

Hydrocoptus africanus Gschwendtner, 1930a:79; TL: Zaire >Katanga >Kansenia; Holotype MRAC; DESCR.: Guignot 1959a:470; N. COMB.: Nilsson 2005:91.

Hydrocoptus impudicus Guignot, 1959b:153; TL: Zaire >Lake Tanganika >Kalemie (Albertville); Holotype MRAC; N. SYN.: Guignot 1959c:231.

Hydrocoptus africanus Gschwendtner, 1930a:79 (orig. descr., Zaire); Omer-Cooper 1957a:361 (Malawi, Zaire, Zimbabwe); Guignot 1959a:470 (Guinea, Zaire); J.Balfour-Browne 1961:65; Medler 1980:153 (Nigeria); Bilardo & Rocchi 1987:101 (Botswana); 1990:175 (Gabon).

Hydrocoptus impudicus Guignot, 1959b:153 (orig. descr., Zaire); 1959c:231 (syn.).

Neohydrocoptus africanus (Gschwendtner, 1930); Nilsson 2005:91 (cat.).

DISTRIBUTION: (AF) Botswana, Gabon, Guinea, Malawi, Nigeria, Zaire, Zimbabwe.

angolensis (Peschet, 1925) AF

Hydrocoptus seriatus var. *angolensis* Peschet, 1925:28; TL: Angola >Benguella district >betw. Dongo & Kubango river military post; Syntypes MNHN; DESCR.: J.Balfour-Browne 1961:63; N. STAT.: Guignot 1954a:20; N. COMB.: Zalát et al. 2000:11.

Hydrocoptus castaneus Zimmermann, 1926:20; TL: Tanzania >Kilossa, Usagara, Usaramo, W Usambara; Syntypes ZSM; N. SYN.: J.Balfour-Browne 1961:63.

Hydrocoptus angolensis Peschet, 1925: Guignot 1954a:20 (Zaire); 1959a:471 (Angola, Ethiopia, Mali, Zaire); 1959b:151 (Zaire); J.Balfour-Browne 1961:63 (Angola, South Africa, Sudan, Tanzania); Omer-Cooper 1965:68 (Angola, Ethiopia, Malawi, Mali, South Africa, Tanzania, Zaire); Ferreira 1967:535 (Angola); Bilardo & Pederzani 1978:116 (Gabon, Ivory Coast); Medler 1980:153 (Nigeria); Bilardo & Rocchi 1987:101 (Botswana); 1990:175 (Gabon); 2002:155 (Gabon).

Hydrocoptus castaneus Zimmermann, 1926:20 (orig. descr., Tanzania); Guignot 1936a:36 (Ethiopia); 1959a:470 (Tanzania, Zaire).

Hydrocoptus seriatus Sharp, 1882 (misident.); Guignot 1936a:36 (Kenya, Uganda).

Hydrocoptus seriatus var. *angolensis* Peschet, 1925:28 (orig. descr., Angola).

Hydrocoptus uellensis Guignot, 1953 (misident. vide Omer-Cooper 1967:58); Omer-Cooper 1957a:360 (Malawi).

Neohydrocoptus angolensis (Peschet, 1925); Zalát et al. 2000:11 (in part); Nilsson 2004:17 (! Egypt, ! Sinai); 2005:91 (cat.).

DISTRIBUTION: (AF) Angola, Botswana, Ethiopia, Gabon, Kenya, Malawi, Mali, Nigeria, South Africa, Sudan, Tanzania, Uganda, Zaire.

badicus (Guignot, 1956) AF

Hydrocoptus badicus Guignot, 1956a:217; TL: Senegal >Niokolo Koba NP >Badi; Holotype MNHN; N. COMB.: Nilsson 2005:92.

Hydrocoptus badicus Guignot, 1956a:217 (orig. descr., Senegal).

Neohydrocoptus badicus (Guignot, 1956); Nilsson 2005:92 (cat.).

DISTRIBUTION: (AF) Senegal.

bivittis (Motschulsky, 1859) OR PL

Hydrocoptus bivittis Motschulsky, 1859:44; TL: Myanmar (Burma); Syntypes ZMUM; DESCR.: Toledo 2010:207; N. COMB.: Mori & Kitayama 1993:45.

Neohydrocoptus

Hydrocoptus bivittis var. *mysorensis* Guignot, 1954b:198; TL: India >Karnataka (Mysore) >Shimoga; Holotype MNHN; N. SYN.: Vazirani 1969a:224.

Hydrocoptus bivittis Motschulsky, 1859:44 (orig. descr., Burma); Sharp 1882a:262 (India); 1890:340 (Sri Lanka); Branden 1885:13 (India); Régimbart 1888:610 (Burma); 1891:537 (Burma); 1899a:245 (India); Severin 1890:CLXXXVII (India); Zimmermann 1919:112 (Singapore); 1920a:4 (India); 1927a:6 (Burma, India); Guignot 1954c:564 (Burma); 1956b:59 (Java); Vazirani 1969a:224 (Burma, China, India, Sri Lanka); 1974:16 (India); Rocchi 1976:179 (Bangla Desh).

Hydrocoptus (*Neohydrocoptus*) *bivittis* Motschulsky, 1859: Vazirani 1977a:2 (Burma, China, India, Malaysia, Singapore, Vietnam); Rocchi 2001:65 (India).

Hydrocoptus bivittis var. *mysorensis* Guignot, 1954b:198 (orig. descr., India).

Neohydrocoptus bivittis (Motschulsky, 1859): Mori & Kitayama 1993:45 (Japan); Nilsson 1995:39 (Burma, China, India, Sri Lanka); Balke et al. 1997:325 (Singapore); Hebauer et al. 1999:337 (China, India, Malaysia, Myanmar, Singapore, Sri Lanka); Hua 2002:34 (Hainan, India, Japan, Myanmar, Sri Lanka, Taiwan, Thailand); Nilsson 2003:34 (Hainan, Japan, Xinjiang); 2005:92 (cat.); Toledo 2003:73 (Guangdong, Hainan, India, Malaysia, Myanmar, Sri Lanka); Hendrich et al. 2004:108 (Singapore); Toledo 2010:207 (Bangla Desh, Guangdong, Hainan, India, Japan, Java, Malaysia, Myanmar, Singapore, Sri Lanka, Sulawesi, Taiwan, Thailand, Vietnam). DISTRIBUTION: (OR) Bangla Desh, India, Indonesia (Java, Sulawesi), Malaysia, Myanmar, Singapore, Sri Lanka, Thailand, Vietnam; (PL) China (Guangdong, Hainan), Japan (Honshu), Taiwan.

bosschai (Régimbart, 1892) OR

Hydrocoptus bosschai Régimbart, 1892a:12; TL: Indonesia >Kalimantan >Sambas; Syntypes MNHN; DESCR.: Zimmermann 1927a:6; N. COMB.: Nilsson 2005:92.

Hydrocoptus bosschae Régimbart, 1892a:12 (orig. descr., Borneo); Régimbart 1899a:245 (Borneo); Zimmermann 1919:112 (Sumatra); 1920a:4 (Borneo); 1927a:6 (Borneo, Burma, Sumatra).

Hydrocoptus (s. str.) *bosschae* Régimbart, 1892: Vazirani 1977a:3 (Borneo, Malaysia, Sumatra).

Neohydrocoptus bosschae (Régimbart, 1892): Nilsson 2005:92 (cat.).

DISTRIBUTION: (OR) Indonesia (Kalimantan, Sumatra), Malaysia, Myanmar.

bradys (Guignot, 1955) AF

Hydrocoptus bradys Guignot, 1955a:65; TL: Madagascar >E part >Namoroka; Holotype MNHN; N. COMB.: Nilsson 2005:92.

Hydrocoptus bradys Guignot, 1955a:65 (orig. descr., Madagascar).

Neohydrocoptus bradys (Guignot, 1955): Nilsson 2005:92 (cat.).

DISTRIBUTION: (AF) Madagascar.

cunctans (Guignot, 1953) AF

Hydrocoptus cunctans Guignot, 1953a:197; TL: Guinea >Kindia; LT: Guignot, 1954d:104 MGFT; DESCR.: Guignot 1959:471; N. COMB.: Nilsson 2005:92.

Hydrocoptus cunctans Guignot, 1954d:104; TL: Guinea >Kindia; Holotype MGFT; preoccupied by Guignot 1953a:197; objective synonym of *Hydrocoptus cunctans* Guignot, 1953a:197.

Hydrocoptus cunctans Guignot, 1953a:197 (orig. descr., Guinea); 1954d:104 (second descr., Guinea); 1955b:1096 (Guinea); 1959a:471 (Guinea).

Neohydrocoptus cunctans (Guignot, 1953): Nilsson 2005:92 (cat.).

DISTRIBUTION: (AF) Guinea.

dermotylus (Guignot, 1953) AF

Hydrocoptus dermatylus Guignot, 1953a:198; TL: Guinea >Kindia; LT: Guignot, 1954d:105 MGFT; N. COMB.: Nilsson 2005:93.

Hydrocoptus dermatylus Guignot, 1954d:105; TL: Guinea >Kindia; Holotype MGFT; preoccupied by Guignot 1953a:198; objective synonym of *Hydrocoptus dermatylus* Guignot, 1953a:198.

Hydrocoptus dermatylus Guignot, 1953a:198 (orig. descr., Guinea); 1954d:105 (second descr., Guinea); 1959a:472 (Guinea).

Neohydrocoptus dermatylus (Guignot, 1953): Nilsson 2005:93 (cat.).

DISTRIBUTION: (AF) Guinea.

distans Toledo, 2010 AU

Neohydrocoptus distans Toledo, 2010:208; TL: Fidji Islands >Vanua Levu >5 km N of Savusavu >Nakula; Holotype NMW.

Neohydrocoptus distans Toledo, 2010:208 (orig. descr., Fidji).

DISTRIBUTION: (AU) Fidji.

distinctus (Wehncke, 1883) OR

Hydrocoptus distinctus Wehncke, 1883:147; TL: Indonesia >Java, Sumatra; Syntypes MNHN; N. COMB.: Balke et al. 1997:325.

Hydrocoptus distinctus Wehncke, 1883:147 (orig. descr., Java, Sumatra); Branden 1885:14 (Java, Sumatra, Thailand); Régimbart 1895a:340 (Sumatra); Régimbart 1899a:243 (Cochinchine, Java, Sumatra, Thailand); 1900a:147 (Sumatra); Zimmermann 1920a:4 (Cochinchina, Java, Sumatra, Thailand).

Hydrocoptus rubescens (Clark, 1863) (misident. vide Branden 1885:14); Sharp 1882a:262 (Thailand).

Hydrocoptus (s. str.) *distinctus* Wehncke, 1883: Vazirani 1977a:3 (Java, Sumatra, Thailand, Vietnam).

Neohydrocoptus distinctus (Wehncke, 1883): Balke et al. 1997:325 (Singapore); Nilsson 2005:93 (cat.).

DISTRIBUTION: (OR) Indonesia (Java, Sumatra), Singapore, Thailand, Vietnam.

freyi (J.Balfour-Browne, 1961) AF

Hydrocoptus freyi J.Balfour-Browne, 1961:66; TL: Guinea >Kindia region >Gangan mt.; Holotype MFGT; N. COMB.: Nilsson 2005:93.

Hydrocoptus africanus Gschwendtner, 1930 (misident.): Guignot 1959a:470 (in part; Guinea).

Hydrocoptus freyi J.Balfour-Browne, 1961:66 (orig. descr., Guinea).

Neohydrocoptus freyi (J.Balfour-Browne, 1961): Nilsson 2005:93 (cat.).

DISTRIBUTION: (AF) Guinea.

frontalis (Régimbart, 1899) OR

Hydrocoptus frontalis Régimbart, 1899a:246; TL: Vietnam (Cochinchine); Syntypes MNHN; N. COMB.: Balke et al. 1997:325.

Hydrocoptus bivittis var. *frontalis* (Régimbart, 1899): Zimmermann 1927a:7 (India, Java, Vietnam).

Hydrocoptus frontalis Régimbart, 1899a:246 (orig. descr., Cochinchine); Zimmermann 1920a:4 (Cochinchina).

Hydrocoptus (s. str.) *frontalis* Régimbart, 1899: Vazirani 1977a:3 (Vietnam).

Neohydrocoptus frontalis (Régimbart, 1899): Balke et al. 1997:325 (Singapore); Hendrich et al. 2004:111 (Singapore, Thailand); Nilsson 2005:93 (cat.).

DISTRIBUTION: (OR) India, Indonesia (Java), Singapore, Thailand, Vietnam.

garambanus (Guignot, 1958) AF

Hydrocoptus garambanus Guignot, 1958a:7; TL: Zaire >Garamba NP; Holotype MRAC; N. COMB.: Nilsson 2005:93.

Hydrocoptus garambanus Guignot, 1958a:7 (orig. descr., Zaire); 1959b:152 (Zaire); Bruneau de Miré & Legros 1963:840 (Chad, Zaire);

Bilardo & Rocchi 1987:101 (Botswana, Chad, Zaire); 1990:175 (Gabon).

Neohydrocoptus garambanus (Guignot, 1958): Nilsson 2005:93 (cat.).

DISTRIBUTION: (AF) Botswana, Chad, Gabon, Zaire.

grandis (J.Balfour-Browne, 1961) AF

Hydrocoptus grandis J.Balfour-Browne, 1961:67; TL: Angola; Holotype BMNH; N. COMB.: Nilsson 2005:93.

Hydrocoptus grandis J.Balfour-Browne, 1961:67 (orig. descr., Angola).

Neohydrocoptus grandis (J.Balfour-Browne, 1961): Nilsson 2005:93 (cat.).

DISTRIBUTION: (AF) Angola.

jaechi (Wewalka, 1989) PL

Hydrocoptus jaechi Wewalka, 1989:43; TL: Israel >Galilee >Jordan valley >N of Tiberias lake; Holotype CGW; N. COMB.: Saleh Ahmed & Angus 2000:165.

Hydrocoptus jaechi Wewalka, 1989:43 (orig. descr., Israel).

Neohydrocoptus angolensis (Peschet, 1925) (misident.): Zalut et al. 2000:11 (Egypt); Nilsson 2003:34 (Egypt, Sinai).

Neohydrocoptus jaechi (Wewalka, 1989): Saleh Ahmed & Angus 2000:166 (Egypt); Nilsson 2004:17 (Egypt, Sinai); Nilsson 2005:93 (cat.).

DISTRIBUTION: (PL) Egypt, Israel.

koppi (Wehncke, 1883) AF

Hydrocoptus koppi Wehncke, 1883:146; TL: Ivory Coast (Ghana) >Addah; Syntypes BMNH; DESCR.: J.Balfour-Browne 1961:60; N. COMB.: Nilsson 2005:94.

Hydrocoptus koppi Wehncke, 1883:146 (orig. descr., Ivory Coast); Branden 1885:14 (West Africa); Régimbart 1895b:119 (Congo, ! Ghana); Zimmermann 1920a:4 (! Ghana); 1926:19 (Tanzania); Gschwendtner 1930:79a (Zaire); 1930b:221 (Zaire); Guignot 1936a:36 (Kenya, Tanzania); 1953b:234 (Zaire); 1956c:50 (Zaire); 1961a:237 (Senegal); Omer-Cooper 1956:21 (Mozambique); 1957b:4 (Angola, ! Ghana, Kenya, South Africa, Tanzania, Uganda, Zaire); 1958:59 (Swaziland); Legros 1958:210 (! Ghana, Guinea, Kenya, Mali, Tanzania); J.Balfour-Browne 1961:60 (! Ghana, Guinea, Nigeria, Sudan); Bruneau de Miré & Legros 1963:839 (Chad, Mali, South Africa); Ferreira 1967:535 (Angola); Bilardo & Pederzani 1978:115 (Ivory Coast); Forge 1979:98 (Ivory Coast); Medler 1980:153 (Nigeria); Bilardo 1982:446 (Cameroon); Pederzani 1988:107 (Zambia); Rocchi 2000:14 (Guinea); Reintjes 2004:48 (Ivory Coast).

Neohydrocoptus koppi (Wehncke, 1883): Nilsson 2005:94 (cat.).

DISTRIBUTION: (AF) Angola, Cameroon, Chad, Guinea, Ivory Coast, Kenya, Mali, Mozambique, Nigeria, Senegal, South Africa, Sudan, Swaziland, Tanzania, Uganda, Zaire, Zambia.

ssp. gabonicus (Bilardo & Pederzani, 1978) AF

Hydrocoptus koppi gabonicus Bilardo & Pederzani, 1978:115; TL: Gabon >Libreville; Holotype MSNM.

Hydrocoptus koppi gabonicus Bilardo & Pederzani, 1978:115 (orig. descr., Gabon); Pederzani & Rocchi 1982:71 (Congo); Bilardo & Rocchi 1990:175 (Gabon); 2002:155 (Gabon).

Neohydrocoptus koppi gabonicus (Bilardo & Pederzani, 1978): Nilsson 2005:94 (cat.).

DISTRIBUTION: (AF) Congo, Gabon.

megas (Omer-Cooper, 1957) AF

Hydrocoptus megas Omer-Cooper, 1957a:361; TL: Zimbabwe >Harare (Salisbury); Holotype BMNH; N. COMB.: Nilsson 2005:94.

Hydrocoptus megas Omer-Cooper, 1957a:361 (orig. descr., Zimbabwe).

Neohydrocoptus megas (Omer-Cooper, 1957): Nilsson 2005:94 (cat.).
DISTRIBUTION: (AF) Zimbabwe.

***opatrinus* (Régimbart, 1892) OR**

Hydrocoptus opatrinus Régimbart, 1892a:11; TL: Indonesia >Kalimantan >Sambas; Holotype RMNH; N. COMB.: Nilsson 2005:94.

Hydrocoptus opatrinus Régimbart, 1892a:11 (orig. descr., Borneo); Régimbart 1899a:244 (Borneo); Zimmermann 1920a:4 (Borneo).
Hydrocoptus (s. str.) *opatrinus* Régimbart, 1892: Vazirani 1977a:3 (Borneo).
Neohydrocoptus opatrinus (Régimbart, 1892): Nilsson 2005:94 (cat.).
DISTRIBUTION: (OR) Indonesia (Kalimantan).

***placidus* (Guignot, 1955) AF**

Hydrocoptus placidus Guignot, 1955a:66; TL: Madagascar >Maroantsetra; Holotype MNHN; N. COMB.: Nilsson 2005:94.

Hydrocoptus placidus Guignot, 1955a:66 (orig. descr., Madagascar); 1955c:191 (allotype); Bameul 1984:88 (Madagascar); Rocchi 1993:85 (Madagascar).
Neohydrocoptus placidus (Guignot, 1955): Nilsson 2005:94 (cat.).
DISTRIBUTION: (AF) Madagascar.

***rubescens* (Clark, 1863) OR**

Hydroporus rubescens Clark, 1863:426; TL: Indonesia >Java; Syntypes BMNH; DESCR.: Zimmermann 1927a:5; N. COMB.: Nilsson 2005:94.

Hydrocoptus rubescens (Clark, 1863): Branden 1885:14 (Borneo, India, Java); Régimbart 1888:610 (Burma); 1889a:147 (Vietnam); 1891:538 (Burma); 1899a:242 (Borneo, India, Java); Zimmermann 1920a:4 (Borneo, India, Java); 1927a:5 (Borneo, Burma, Java, Sumatra); Csiki 1938:124 (Java); Guignot 1954c:564 (Burma).
Hydroporus rubescens Clark, 1863:426 (orig. descr., Java).
Neohydrocoptus rubescens (Clark, 1863): Nilsson 2005:94 (cat.).
DISTRIBUTION: (OR) India, Indonesia (Java, Kalimantan, Sumatra), Myanmar, Vietnam.

***rufulus* (Motschulsky, 1859) OR**

Hydrocoptus rufulus Motschulsky, 1859:44; TL: Myanmar (Burma); Syntypes ZMUM; DESCR.: Zimmermann 1927a:6; N. COMB.: Nilsson 2005:95.

Hydrocoptus rufulus Motschulsky, 1859:44 (orig. descr., Burma); Branden 1885:14 (! India); Régimbart 1899a:243 (Sumatra); Zimmermann 1920a:4 (Sumatra); 1927a:6 (Bengal, Java, Sumatra, Thailand, Vietnam); Csiki 1938:124 (Sumatra); Guignot 1954c:564 (Burma); 1956b:60 (Java); Rocchi 1986:33 (Burma).
Hydrocoptus (s. str.) *rufulus* Motschulsky, 1859: Vazirani 1977a:3.
Neohydrocoptus rufulus (Motschulsky, 1859): Nilsson 2005:95 (cat.).
DISTRIBUTION: (OR) India, Indonesia (Java, Sumatra), Myanmar, Thailand, Vietnam.

***scapularis* (Régimbart, 1899) OR**

Hydrocoptus scapularis Régimbart, 1899a:244; TL: Philippines >Luczon >Causip; Syntypes MNHN; N. COMB.: Nilsson 2005:95.

Hydrocoptus scapularis Régimbart, 1899a:244 (orig. descr., Philippines); Zimmermann 1919:111 (Philippines); 1920a:4 (Philippines).
Neohydrocoptus scapularis (Régimbart, 1899): Nilsson 2005:95 (cat.).
DISTRIBUTION: (OR) Philippines.

***seriatus* (Sharp, 1882) AF**

Hydrocoptus seriatus Sharp, 1882a:262; TL: Madagascar; Syntypes BMNH; DESCR.: Guignot 1959a:469; N. COMB.: Nilsson 2005:95.

Hydrocoptus seriatus Sharp, 1882a:262 (orig. descr., Madagascar); Branden 1885:14 (Madagascar); Régimbart 1895b:119 (! Egypt, Guinea, Madagascar); 1904a:66 (Guinea Bissau); Kolbe 1883:397 (Madagascar); Alluaud 1900:62 (Guinea, Madagascar, ! Suez); Zimmermann 1919:112 (Madagascar); 1920a:4 (East Africa, Madagascar); Guignot 1956c:50 (? Zaire); 1959a:469 (Madagascar, Mauritius); Vinson 1956:24 (Mauritius); Legros 1958:209 (Angola, East Africa, Guinea, Madagascar, Mali, Mauritius); Alfieri 1976:31 (! Egypt); Wewalka 1980:730 (Madagascar, Mauritius); Rocchi 1993:85 (Madagascar).
Neohydrocoptus seriatus (Sharp, 1882): Nilsson 2005:95 (cat.).
DISTRIBUTION: (AF) Angola, Guinea, Guinea Bissau, Madagascar, Mali, Mascarene Islands.

***sharpi* (Wehncke, 1883) OR**

Hydrocoptus sharpi Wehncke, 1883:147; TL: Borneo; Syntypes MNHN; DESCR.: Zimmermann 1927a:7; N. COMB.: Nilsson 2005:95.

Hydrocoptus bivittis var. *sharpi* (Wehncke, 1883): Zimmermann 1927a:7 (Borneo, Sumatra).
Hydrocoptus sharpi Wehncke, 1883:147 (orig. descr., Borneo); Branden 1885:14 (Borneo); Régimbart 1899a:245 (Borneo); Zimmermann 1920a:4 (Borneo); 1927b:2 (Sumatra).
Hydrocoptus (s. str.) *sharpi* Wehncke, 1883: Vazirani 1977a:4 (Borneo, Sumatra).
Neohydrocoptus sharpi (Wehncke, 1883): Nilsson 2005:95 (cat.).
DISTRIBUTION: (OR) Indonesia (Kalimantan, Sumatra).

***subfasciatus* (Sharp, 1882) AU**

Hydrocoptus subfasciatus Sharp, 1882a:261; TL: Australia >Queensland >Rockhampton; Syntypes BMNH; N. COMB.: Nilsson 2005:95.

Hydrocoptus subfasciatus Sharp, 1882a:261 (orig. descr., Australia); Branden 1885:14 (Australia); Zimmermann 1920a:4 (Australia); Watts 1985:27 (Australia); Lawrence et al. 1987:326 (Queensland); Larson 1997:273 (Queensland).

Neohydrocoptus subfasciatus (Sharp, 1882): Nilsson 2005:95 (cat.).

Neohydrocoptus subfasciatus subfasciatus (Sharp, 1882): Toledo 2010:209 (New Caledonia, Northern Territory, Queensland, Sulawesi).

DISTRIBUTION: (AU) Australia (Northern Territory, Queensland), New Caledonia; (OR) Indonesia (Sulawesi).

ssp. major Toledo, 2010 AU

Neohydrocoptus subfasciatus major Toledo, 2010:208; TL: Indonesia >West New Guinea >Nabire >Bobo river; Holotype NMW.

Neohydrocoptus subfasciatus major Toledo, 2010:208 (orig. descr., West New Guinea).

DISTRIBUTION: (AU) Indonesia (West New Guinea).

subvittulus (Motschulsky, 1859) OR PL

Hydrocoptus subvittulus Motschulsky, 1859:43; TL: India, Sri Lanka >Colombo; Syntypes ZMUM; DESCR.: Toledo 2010:210; N. COMB.: Mori & Kitayama 1993:45.

Methles sternalis Seidlitz, 1887:78; TL: Syria [mislabelled]; Syntypes ?; N. SYN.: Zimmermann 1919:111. [Note. Assuming that the labelling is correct, the possibility that the type material is identical with *N. jaechi* needs consideration.]

Hydrocoptus vittatus Sharp, 1882a:262; TL: India >N part <Borneo >Sarawak; Syntypes BMNH; N. SYN.: Régimbart 1899a:244.

Hydrocoptus subvittatus (Motschulsky) (misspell.): Ali 1978:11 (Iraq).

Hydrocoptus subvittulus Motschulsky, 1859:43 (orig. descr., Sri Lanka, India); Severin 1890:CLXXXVI (India); Sharp 1890:340 (Sri Lanka); Régimbart 1891:537 (Burma); 1899a:243 (India, Sri Lanka); 1902:468 (Sri Lanka); Zimmermann 1919:111 (Borneo, Sri Lanka); 1920a:4 (India, Sri Lanka, ! Syria); Vazirani 1968:99 (India); 1969a:223 (China, India, ! Indonesia, Sri Lanka); 1972:117 (India); 1973:291 (India); 1974:16 (Bangladesh, India); 1975:20 (India); Rocchi 1976:179 (Bangla Desh); 1986:33 (Burma); Wewalka 1982:119 (Andaman Islands, Bangla Desh, China, India, Nepal, Pakistan, Sri Lanka).

Hydrocoptus subvittulus var. *vittatus* Sharp, 1882: Régimbart 1899a:244; Zimmermann 1919:111 (Sri Lanka).

Hydrocoptus vittatus Sharp, 1882a:262 (orig. descr., India, Sarawak); Branden 1885:14 (India, Sarawak); Régimbart 1903a:333 (India).

Hydrocoptus (s. str.) *subvittulus* Motschulsky, 1859: Vazirani 1977a:4 (China, India, Sri Lanka); Rocchi 2001:65 (India).

Methles sternalis Seidlitz, 1887:78 (orig. descr.).

Neohydrocoptus subvittulus (Motschulsky, 1859): Mori & Kitayama 1993:45 (Japan); Nilsson 1995:39 (China, India, Indonesia, Sri Lanka,); Hua 2002:34 (Fujian, India, Indonesia, Sri Lanka, ! Syria, Thailand); Nilsson 2003:34 (Fujian, Japan, Nepal, Pakistan); Nilsson 2005:95 (cat.); Toledo 2003:74 (Bangla Desh, Fujian, Guangdong, India, Java, Malaysia, Sri Lanka, Sumatra, Vietnam, Yunnan), 2010:210 (Andaman Islands, Bangla Desh, China, India, ? Iraq, Java, Lombok, Myanmar, Nepal, Pakistan, Ryukyu Islands, Sarawak, Singapore, Sri Lanka, Sumatra, Vietnam, West New Guinea); Hendrich et al. 2004:111 (? Singapore).

DISTRIBUTION: (AU) Indonesia (West New Guinea); (OR) Andaman Islands, Bangla Desh, India, Indonesia (Java, Lombok, Sulawesi, Sumatra), Malaysia (Sarawak), Myanmar, ? Singapore, Sri Lanka, Vietnam; (PL) China (Fujian, Guangdong, Yunnan), Iraq, Japan (Ryukyu Islands), Nepal, Pakistan.

ssp. seychellensis (Pederzani & Sanfilippo, 1978) AF

Hydrocoptus subvittulus seychellensis Pederzani & Sanfilippo, 1978:239; TL: Seychelles >Mahé; Holotype MSNG.

Hydrocoptus subvittulus seychellensis Pederzani & Sanfilippo, 1978:239 (orig. descr., Seychelles); Wewalka 1980:724 (Seychelles).

Neohydrocoptus subvittulus seychellensis (Pederzani & Sanfilippo, 1978): Nilsson 2005:96 (cat.).

DISTRIBUTION: (AF) Seychelles.

timidus (Guignot, 1956) AF

Hydrocoptus timidus Guignot, 1956a:216; TL: Senegal >Niokolo Koba NP >Badi; Holotype MNHN; N. COMB.: Nilsson 2005:96.

Hydrocoptus timidus Guignot, 1956a:216 (orig. descr., Senegal).

Neohydrocoptus timidus (Guignot, 1956): Nilsson 2005:96 (cat.).

DISTRIBUTION: (AF) Senegal.

uellensis (Guignot, 1953) AF

Hydrocoptus uellensis Guignot, 1953a:197; TL: Zaire >Orientale province >Uele river >Bambesa; LT: Guignot, 1954d:104 IRSNB; DESCR.: Guignot 1959a:470; N. COMB.: Nilsson 2005:96.

Hydrocoptus uellensis Guignot, 1954d:104; TL: Zaire >Orientale province >Uele river >Bambesa; Holotype IRSNB; preoccupied by Guignot 1953a:197; objective synonym of *Hydrocoptus uellensis* Guignot, 1953a:197.

Hydrocoptus dermatylus simplex Guignot, 1954d:105; TL: Guinea >Kindia; Syntypes MGFT; N. SYN.: J.Balfour-Browne 1961:65.

Hydrocoptus angolensis Peschet, 1925 (misident.): Bilardo & Pederzani 1978:116 (Gabon, Ivory Coast).

Hydrocoptus dermatylus simplex Guignot, 1954d:105 (orig. descr., Guinea); 1961a:237 (Guinea, Senegal).

Hydrocoptus simplex Guignot, 1954: Guignot 1959a:472 (Guinea); Forge 1979:98 (Ivory Coast).

Hydrocoptus uellensis Guignot, 1953a:197 (orig. descr., Zaire); 1954d:104 (second descr., Zaire); 1959a:470 (Zaire); 1961a:237 (Senegal, Zaire); J.Balfour-Browne 1961:65 (Guinea, Zaire); Medler 1980:153 (Nigeria); Bilardo & Rocchi 1990:175 (Gabon); Reintjes 2004:48 (Ivory Coast).

Neohydrocoptus uellensis (Guignot, 1953): Nilsson 2005:96 (cat.).

DISTRIBUTION: (AF) Gabon, Guinea, Ivory Coast, Nigeria, Senegal, Zaire.

ssp. discritus (Guignot, 1955) AF

Hydrocoptus uellensis discritus Guignot, 1955d:6; TL: Zaire >Garamba NP; Holotype MRAC.

Hydrocoptus uellensis discritus Guignot, 1955d:6 (orig. descr., Zaire).
Neohydrocoptus uellensis discritus (Guignot, 1955): Nilsson 2005:96 (cat.).
 DISTRIBUTION: (AF) Zaire.

Tribe NOTERINI (10 genera)

Noterides Thomson, 1860:34, as subtribe of Dytiscina; type genus: *Noterus*.
Eunoterinae Belkaceme, 1991:73, as subfamily of Noteridae; not available as not based on generic name.
Hydrocanthini Sharp, 1880:cxlviii, as group of tribe Noterides; type genus *Hydrocanthus*; N. SYN.: Nilsson 2005:96.
Suphisini Sharp, 1880:cxlviii, as group of tribe Noterides; type genus *Suphis*; N. SYN.: Nilsson 2005:96.

Genus *Canthydrus* Sharp, 1882 AF AU OR PL (65 spp.)

Canthydrus Sharp, 1882a:269; gender masculine; type species: *Hydrocanthus guttula* Aubé, 1838:410 by subsequent designation of Guignot 1946a:116; DESCR.: Dettner 1997:121.
Canthydrus Sharp, 1880:cxlvii (nomen nudum).

alluaudi Régimbart, 1906 AF

Canthydrus alluaudi Régimbart, 1906:247; TL: Kenya >Nairobi; Syntypes MNHN; DESCR.: Guignot 1959a:491.
Canthydrus alluaudi Régimbart, 1906:247 (orig. descr., Kenya); Zimmermann 1920a:9 (East Afrika); Guignot 1936a:43 (Kenya); 1955e:182 (Zaire); 1959a:491 (Kenya); Medler 1980:153 (Nigeria).
Canthydrus (s. str.) *alluaudi* Régimbart, 1906: Nilsson 2005:97 (cat.).
 DISTRIBUTION: (AF) Kenya, Nigeria, Zaire.

andobonensis Guignot, 1960 AF

Canthydrus andobonensis Guignot, 1960a:98; TL: Madagascar >Andobo >Antsingy forest; Holotype MNHN.
Canthydrus andobonensis Guignot, 1960a:98 (orig. descr., Madagascar); Rocchi 1993:85 (Madagascar).
Canthydrus (s. str.) *andobonensis* Guignot, 1960: Nilsson 2005:97 (cat.).
 DISTRIBUTION: (AF) Madagascar.

angularis Sharp, 1882 OR PL

Canthydrus angularis Sharp, 1882a:277; TL: Singapore; Lectotype in BMNH selected by Toledo 2008:56; DESCR.: Toledo 2008:56.
Canthydrus bakeri Peschet, 1921:693; TL: Philippines >Luzon >Laguna >Los Baños; Syntypes MNHN & ISNB; N. SYN.: Toledo 2008:56.
Canthydrus scapharius Guignot, 1948a:9; TL: Zaire >Musosa [mislabelled]; Holotype MNHN; N. SYN.: Toledo 2008:56.
Canthydrus angularis Sharp 1882a:277 (orig. descr., Singapore); Branden 1885:16 (Singapore); Régimbart 1895a:343 (Sumatra); Zimmermann 1927a:8 (Singapore, Sumatra, Thailand); Csiki 1938:124 (Sumatra); Guignot 1956b:60 (Java); Vazirani 1977a:5 (Malaysia, Sumatra); Toledo 2008:56 (Bangladesh, Bali, Lombok), 2010:213 (China, Lombok, Myanmar, Sulawesi).
Canthydrus bakei Peschet, 1921 (misspell.): Hua 2002:34 (! Kalimantan, Laos, ! New Guinea, Philippines, ? Taiwan).
Canthydrus bakeri Peschet, 1921:693 (orig. descr., Laos, ! New Guinea, Philippines, Timor); Nilsson 1995:40 (! Borneo, Laos, ! New Guinea, Philippines, ? Taiwan); Nilsson 2003:33 (? Taiwan); Toledo 2003:78 (! Borneo, Laos, ! New Guinea, Philippines, Sulawesi, ? Taiwan).
 ? *Canthydrus guttula* (Aubé, 1838) (misident.): Régimbart 1892b:980 (! Papua New Guinea); 1899a:247 (! Papua New Guinea, Philippines, Timor); Zimmermann 1920a:224 (! New Guinea).
Canthydrus luctuosus var. *angularis* Sharp, 1882: Régimbart 1889a:148 (Singapore).
Canthydrus morsbachi (Wehncke, 1876) (misident.): Régimbart 1899a:247 (Cambodia, ! India, Sumatra); 1903a:333 (! India); Zimmermann 1920a:12 (! India, Java, Sumatra); 1927a:8 (Sumatra); 1927b:2 (Sumatra); Guignot 1956b:60 (Java); Vazirani 1968:100 (! India); 1969a:232 (Burma, ! India, Java, Singapore, Sumatra, Zaire); 1970b:442 (! India); 1972:118 (! India); 1974:16 (! India); 1975:20 (! India); 1977a:7 (Burma, Cambodia, ! India, Singapore, Sumatra, ! Zaire); 1977c:42 (! India); 1977d:124 (! India); 1981:258 (! India); Wewalka 1982:119 (! Andaman Islands, Burma, Cambodia, ! India, Malaysia, ! Sri Lanka, Sumatra, Thailand); Toledo 2003:78 (! Andaman Islands, Cambodia, ! India, Java, Malaysia, Myanmar, Singapore, ! Sri Lanka, Sumatra, Thailand, Yunnan); Hendrich et al. 2004:108 (Singapore).
Canthydrus morsbachi var. *angularis* (Sharp, 1882): Régimbart 1899a:247 (Java, Singapore, Sumatra); Zimmermann 1919:117.
Canthydrus scapharius Guignot, 1948a:9 (orig. descr., ! Zaire).
Canthydrus (s. str.) *bakeri* Peschet, 1921: Nilsson 2005:97 (cat.).
Canthydrus (s. str.) *morsbachi* (Wehncke, 1876) (misident.): Nilsson 2005:103 (cat.).
 DISTRIBUTION: (OR) Bangladesh, Cambodia, Indonesia (Bali, Java, Kalimantan, Lombok, Sulawesi, Sumatra), Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand, Timor, Vietnam; (PL) China (Yunnan).

antonellae Toledo, 2003 PL

Canthydrus antonellae Toledo, 2003:78; TL: China >Yunnan province >Xishuangbanna Dai prefecture >Menglung city; Holotype AECAS.
Canthydrus antonellae Toledo, 2003:78 (orig. descr., Yunnan).
Canthydrus (s. str.) *antonellae* Toledo, 2003: Nilsson 2005:97 (cat.).
 DISTRIBUTION: (PL) China (Yunnan).

apicicornis Régimbart, 1895 AF

Canthydrus apicicornis Régimbart, 1895b:127; TL: South Africa >Natal; Syntypes SAMC.

Canthydrus apicicornis Régimbart, 1895b:127 (orig. descr., South Africa); Zimmermann 1920a:9 (Natal); Omer-Cooper 1956:21 (Mozambique); 1965:72 (Mozambique, South Africa); Guignot 1959a:486 (South Africa).

Canthydrus (s. str.) *apicicornis* Régimbart, 1895: Nilsson 2005:97 (cat.).

DISTRIBUTION: (AF) Mozambique, South Africa.

arabicus Sharp, 1882 PL

Canthydrus arabicus Sharp, 1882a:275; TL: Saudi Arabia >Al Hijaz (Hedjaz); Lectotype selected in BMNH by Toledo 2008:64.

Canthydrus arabicus Sharp, 1882a:275 (orig. descr., Saudi Arabia); Marseul 1882:39 (Arabia); Branden 1885:16 (Arabia); Zimmermann 1920a:9 (Arabia); Nilsson 2003:33 (South Arabia); Toledo 2008:64 (lect.).

Canthydrus (s. str.) *arabicus* Sharp, 1882: Nilsson 2005:97 (cat.).

DISTRIBUTION: (PL) Saudi Arabia.

ater Toledo, 2010 OR

Canthydrus ater Toledo, 2010:218; TL: Indonesia >Ceram >N part >nr Wahai; Holotype NMW.

Canthydrus ater Toledo, 2010:218 (orig. descr., Bacan, Ceram, ? Sangihe).

DISTRIBUTION: (OR) Indonesia (Bacam, Ceram).

bellus Régimbart, 1895 AF

Canthydrus bellus Régimbart, 1895b:124; TL: Sierra Leone; Syntypes MNHN; DESCR.: Guignot 1959a:493.

Canthydrus bellus Régimbart, 1895b:124 (orig. descr., Sierra Leone); Zimmermann 1920a:9 (West Africa); Gschwendtner 1932a:259 (Zaire); Guignot 1959a:493 (Sierra Leone, Zaire).

Canthydrus (s. str.) *bellus* Régimbart, 1895: Nilsson 2005:97 (cat.).

DISTRIBUTION: (AF) Sierra Leone, Zaire.

birmanicus Guignot, 1956 OR

Canthydrus birmanicus Guignot, 1956d:452; TL: Myanmar (Birmanie) >Moulmein; Holotype MNHN; DESCR.: Wewalka 1992:809.

Canthydrus birmanicus Guignot, 1956d:452 (orig. descr., Burma); Wewalka 1992:808 (Burma).

Canthydrus (s. str.) *birmanicus* Guignot, 1956: Nilsson 2005:98 (cat.).

DISTRIBUTION: (OR) Myanmar.

bisignatus Wehncke, 1883 AF

Canthydrus bisignatus Wehncke, 1883:148; TL: Ivory Coast (Ghana) >Addah; Syntypes MNHN; DESCR.: Guignot 1959a:487.

Canthydrus bisignatus Wehncke, 1883:148 (orig. descr., Ivory Coast); Branden 1885:16 (West Africa); Régimbart 1895b:126 (Gabon, ! Ghana); Zimmermann 1920a:10 (West Africa); 1926:20 (Tanzania); Gschwendtner 1930a:82 (Zaire); 1930b:221 (Zaire); 1932a:259 (Zaire); Guignot 1936a:43 (Uganda); 1943:96 (Ivory Coast); 1953b:234 (Zaire); 1959a:487 (Zaire); Legros 1958:210 (Congo, ! Ghana, Guinea, Ivory Coast, Uganda, Zaire); Medler 1980:153 (Nigeria); Bilardo & Pederzani 1978:117 (Gabon); Pederzani & Rocchi 1982:71 (Congo); Bilardo & Rocchi 1990:175 (Gabon); Franciscolo & Sanfilippo 1990:144 (Sierra Leone); Reintjes 2004:48 (Ivory Coast).

Canthydrus (s. str.) *bisignatus* Wehncke, 1883: Bilardo & Rocchi 2002:155 (Gabon); Nilsson 2005:98 (cat.).

DISTRIBUTION: (AF) Congo, Gabon, Guinea, Ivory Coast, Nigeria, Sierra Leone, Tanzania, Uganda, Zaire.

blanditus Guignot, 1959 AF

Canthydrus blanditus Guignot, 1959b:158; TL: Zaire >Lake Albert NP >Kasenyi; Holotype MRAC.

Canthydrus blanditus Guignot, 1959b:158 (orig. descr., Zaire).

Canthydrus (s. str.) *blanditus* Guignot, 1959: Nilsson 2005:98 (cat.).

DISTRIBUTION: (AF) Zaire.

bovillae Blackburn, 1890 AU

Canthydrus bovillae Blackburn, 1890:446; TL: Australia >Northern Territory; Lectotype in BMNH selected by Toledo 2010:219; DESCR.: Toledo 2010:219.

Canthydrus bovillae Blackburn, 1890:446 (orig. descr., Northern Territory); Zimmermann 1920a:10 (Australia); Watts 1985:27 (Australia); 2001:63 (Australia); Lawrence et al. 1987:326 (Northern Territory); Larson 1997:273 (Queensland); Toledo 2010:219 (Northern Territory, Queensland).

Canthydrus (s. str.) *bovillae* Blackburn, 1890: Nilsson 2005:98 (cat.).

DISTRIBUTION: (AU) Australia (Northern Territory, Queensland).

concolor Sharp, 1882 AF

Canthydrus concolor Sharp, 1882a:274; TL: Madagascar; Syntypes BMNH; DESCR.: Guignot 1959a:489.

Canthydrus concolor Sharp, 1882a:274 (orig. descr., Madagascar); Branden 1885:16 (Madagascar); Régimbart 1895b:128 (Madagascar); Kolbe 1883:399 (Madagascar); Alluaud 1900:62 (Madagascar); Zimmermann 1920a:10 (Madagascar); Guignot 1959a:489 (Madagascar); Rocchi 1993:79 (Madagascar).

Canthydrus (s. str.) *concolor* Sharp, 1882: Nilsson 2005:98 (cat.).

DISTRIBUTION: (AF) Madagascar.

***diophthalmus* (Reiche & Saulcy, 1855) AF PL**

Hydrocanthus diophthalmus Reiche & Saulcy, 1855:641; TL: Lebanon >Beirut; Syntypes MNHN; DESCR.: Montes & Soler 1985:189; N. COMB.: Montes & Soler 1985:191.

Hydrocanthus badenii Wehncke, 1876:223; TL: Angola; Syntypes MNHN; N. SYN.: Branden 1885:17.

Canthydrus notula siculus var. *numidicus* Bedel, 1925:375; TL: Algeria >La Calle; Syntypes MNHN; N. SYN.: Montes & Soler 1985:189.

Hydrocanthus notula var. *siculus* Ragusa, 1882:249; TL: Italy >Sicily >Lentini lake; Syntypes MBAC; N. SYN.: Montes & Soler 1985:189.

Canthydrus diophthalmus (Reiche & Saulcy, 1855): Montes & Soler 1985:191 (Angola, Cameroon, Egypt, Ethiopia, Libya, Morocco, Senegal, Sicily, Spain, Tunisia, Zaire); Meloni 1991:69 (Sardinia); Bilton 1992:117 (Israel, chromosomes); Zalut et al. 2000:13 (Egypt); Barclay et al. 2001:27 (Turkey); Nilsson 2003:33 (Algeria, Cyprus, Egypt, Iran, Iraq, Israel, Italy, Lebanon, Libya, Morocco, Sinai, Spain, Syria, Turkey), 2004:17 (Tunisia).

Canthydrus notula (Erichson, 1843) (misident.): Sharp 1882a:275 (Egypt, Morocco); Marseul 1882:40 (Egypt); Branden 1885:17 (Egypt, Morocco); Régimbart 1895b:123 (in part, Egypt, Libya, Morocco); Escalera 1914:60 (Morocco); Zimmermann 1920a:12 (Italy, Sicily, Syria, North Africa); Kocher 1958:11 (Morocco); Guignot 1959a:498 (in part, Ethiopia, Zaire); Alfieri 1976:31 (Egypt).

Canthydrus notula ab. *siculus* (Ragusa, 1882): Régimbart 1895b:123 (Sicily); Zimmermann 1919:117 (Sicily).

Canthydrus notula var. *siculus* (Ragusa, 1882): Branden 1885:17 (Sicily).

Canthydrus notula siculus var. *numidicus* Bedel, 1925:375 (orig. descr., Algeria).

Canthydrus sotula (Erichson, 1843) (misident., misspell.): Ali 1978:11 (Iraq).

Canthydrus (s. str.) *diophthalmus* (Reiche & Saulcy, 1855): Nilsson 2005:98 (cat.).

Hydrocanthus badenii Wehncke, 1876:223 (orig. descr., Angola).

Hydrocanthus diophthalmus Reiche & Saulcy, 1855:641 (orig. descr., Lebanon); Hampe 1863:290 (Sicily).

Hydrocanthus notula Erichson, 1843 (misident.): Schaum 1857:LXXX (Egypt); Régimbart 1878a:349 (Egypt); Sharp 1878a:113 (Morocco).

Hydrocanthus notula var. *siculus* Ragusa, 1882:249 (orig. descr., Sicily).

Hydrocanthus (*Canthydrus*) *notula* Erichson, 1843 (misident.): Seidlitz 1887:79 (Algeria, Egypt, Sicily).

DISTRIBUTION: (AF) Angola, Cameroon, Ethiopia, Senegal, Zaire; (PL) Algeria, Cyprus, Egypt, Iran, Iraq, Israel, Italy (Sardinia, Sicily), Lebanon, Libya, Morocco, Spain, Syria, Tunisia, Turkey.

***edanus* Guignot, 1953 AF**

Canthydrus edanus Guignot, 1953c:3; TL: Zaire >Katanga >Upemba NP >Buye-Bala river; Holotype MRAC; DESCR.: Guignot 1959a:504.

Canthydrus edanus Guignot, 1953c:3 (orig. descr., Zaire); 1954a:21 (Zaire); 1959a:504 (Zaire).

Canthydrus (s. str.) *edanus* Guignot, 1953: Nilsson 2005:99 (cat.).

DISTRIBUTION: (AF) Zaire.

***ephemeralis* Watts, 2001 AU**

Canthydrus ephemeralis Watts, 2001:61; TL: Australia >Northern Territory >5 km SE Mt Borradaile station; Holotype SAM.

Canthydrus ephemeralis Watts, 2001:61 (orig. descr., Northern Territory, Western Australia); Toledo 2010:214 (Northern Territory, Western Australia).

Canthydrus (s. str.) *ephemeralis* Watts, 2001: Nilsson 2005:99 (cat.).

DISTRIBUTION: (AU) Australia (Northern Territory, Western Australia).

***festivus* Régimbart, 1888 OR**

Canthydrus festivus Régimbart, 1888:610; TL: Myanmar (Birmanie) >Yangon (Rangoon); Syntypes MNHN; DESCR.: Régimbart 1899a:251.

Canthydrus festivus Régimbart, 1888:610 (orig. descr., Burma); 1891:538 (Burma); 1899a:251 (Burma); Zimmermann 1920a:10 (Burma); Guignot 1954c:563 (Burma); Rocchi 1986:33 (Burma).

Canthydrus (s. str.) *festivus* Régimbart, 1888: Nilsson 2005:99 (cat.).

DISTRIBUTION: (OR) Myanmar.

***flammulatus* Sharp, 1882 OR**

Canthydrus flammulatus Sharp, 1882a:278; TL: Thailand >Bangkok <Indonesia >Sulawesi >Macassar; Lectotype in BMNH selected by Toledo 2010:214; DESCR.: Toledo 2010:214.

Canthydrus flammulatus Sharp, 1882a:278 (orig. descr., Siam, Sulawesi); Branden 1885:16 (Siam, Sulawesi); Régimbart 1888:609 (Burma); 1889a:149 (Vietnam); 1891:538 (Burma); 1895a:343 (Sumatra); Régimbart 1899a:250 (Burma, Cochinchine, Siam, Sulawesi, Sumatra); Zimmermann 1919:118 (Vietnam); 1920a:10 (Burma, Sulawesi, Sumatra, Thailand); 1927:9 (Burma, Java, Sulawesi, Sumatra, Thailand, Vietnam); Csiki 1938:125 (Sumatra); Guignot 1956b:60 (Java); Vazirani 1977a:5 (Burma, Sulawesi, Sumatra, Thailand); Rocchi 1986:33 (Burma); Hendrich & Yang 1999:257 (Malaysia); Toledo 2010:214 (Borneo, Java, Laos, Malaysia, Myanmar, Siberut, Singapore, Sulawesi, Sumatra, Thailand, Vietnam).

Canthydrus (s. str.) *flammulatus* Sharp, 1882: Nilsson 2005:99 (cat.).

DISTRIBUTION: (OR) Indonesia (Java, Kalimantan, Siberut, Sulawesi, Sumatra), Laos, Malaysia, Myanmar, Singapore, Thailand, Vietnam.

flavomaculatus Gschwendtner, 1930 AF

Canthydrus flavomaculatus Gschwendtner, 1930a:81; TL: Zaire >Katanga >Mulongo; Holotype MRAC; DESCR.: Guignot 1959a:497.

Canthydrus flavomaculatus Gschwendtner, 1930a:81 (orig. descr., Zaire); 1930b:221 (Zaire); Guignot 1959a:497 (Zaire).

Canthydrus (s. str.) *flavomaculatus* Gschwendtner, 1930: Nilsson 2005:99 (cat.).

DISTRIBUTION: (AF) Zaire.

flavosignatus Régimbart, 1903 AF

Canthydrus flavosignatus Régimbart, 1903b:13; TL: Madagascar >Fort Dauphin >Androy <Ankara; Syntypes MNHN; DESCR.: Guignot 1959a:504.

Canthydrus flavosignatus Régimbart, 1903b:13 (orig. descr., Madagascar); Zimmermann 1920a:10 (Madagascar); Guignot 1959a:504 (Madagascar, Zaire); Rocchi 1993:85 (Madagascar).

Canthydrus (s. str.) *flavosignatus* Régimbart, 1903: Nilsson 2005:100 (cat.).

DISTRIBUTION: (AF) Madagascar, Zaire.

flavus (Motschulsky, 1855) OR PL

Hydrocanthus flavus Motschulsky, 1855:83; TL: Indes orientalis; LT: Wewalka 1992:804 ZMUM; DESCR.: Wewalka 1992:804; N. COMB.: Sharp 1882a:279.

Canthydrus fulvescens Régimbart, 1889a:149; TL: Vietnam (Annam >Thuan-an <Cochinchine >Mytho); Syntypes MNHN; N. SYN.: Régimbart 1899a:252.

Canthydrus flavus (Motschulsky, 1855): Sharp 1882a:279 (Siam, Taiwan); Branden 1885:16 (China, India or., Siam, Taiwan); Régimbart 1888:610 (Burma); 1891:538 (Burma); 1899a:252 (Annam, Cochinchine, India, Java, Sumatra, Tonkin); 1900a:147 (Sumatra); Zimmermann 1920a:10 (China, India, Java, Sumatra, Taiwan); 1927:10 (China, India, Java, Sumatra, Vietnam); Guignot 1954c:563 (Burma); Vazirani 1969a:227 (Burma, China, India, Indonesia, Taiwan); 1977a:5 (China, India, Java, Sumatra, Taiwan, Thailand, Vietnam); Rocchi 1986:33 (Burma); Wewalka 1992:806 (Burma, China, Java, Sumatra, Taiwan, Thailand, Vietnam); Nilsson 1995:39 (China, India, Sumatra); Hua 2002:34 (Fujian, Guangdong, Hainan, Hong Kong, Hubei, India, Sumatra, Taiwan); Nilsson 2003:33 (Fujian, Guangdong, Hainan, Hong Kong, Hubei, Taiwan); Toledo 2003:77 (Fujian, Guangdong, Hainan, Hong Kong, Hubei, Taiwan, Yunnan); Hendrich et al. 2004:102 (Singapore).

Canthydrus fulvescens Régimbart 1889a:149 (orig. descr., Annam, Cochinchine); Régimbart 1895a:342 (Sumatra).

Canthydrus fulvus (Motschulsky, 1855) (misspell.): Chûjô & Satô 1961:303 (Cambodia, Thailand).

Canthydrus (s. str.) *flavus* (Motschulsky, 1855): Nilsson 2005:100 (cat.).

Hydrocanthus flavus Motschulsky, 1855:83 (orig. descr., Indes orientales); Gemminger & Harold 1868:444 (India or.).

DISTRIBUTION: (OR) Cambodia, India, Indonesia (Java, Sumatra), Myanmar, Singapore, Thailand, Vietnam; (PL) China (Fujian, Guangdong, Hainan, Hong Kong, Hubei, Yunnan), Taiwan.

gibberosus Guignot, 1951 AF

Canthydrus gibberosus Guignot, 1951a:24; TL: Madagascar >Maroantsetra; Holotype MNHN; DESCR.: Guignot 1959a:498.

Canthydrus gibberosus Guignot, 1951a:24 (orig. descr., Madagascar); 1959a:498 (Madagascar); Rocchi 1993:85 (Madagascar).

Canthydrus gibberosus ab. *quinquemaculatus* Guignot, 1956e:78 (orig. descr., Madagascar; infrasubspecific).

Canthydrus (s. str.) *gibberosus* Guignot, 1951: Nilsson 2005:100 (cat.).

DISTRIBUTION: (AF) Madagascar.

gracilis Bilardo & Rocchi, 1990 AF

Canthydrus gracilis Bilardo & Rocchi, 1990:175; TL: Gabon >Lopé-Okanda reserve; Holotype MSNM.

Canthydrus gracilis Bilardo & Rocchi, 1990:175 (orig. descr., Gabon).

Canthydrus (s. str.) *gracilis* Bilardo & Rocchi, 1990: Nilsson 2005:100 (cat.).

DISTRIBUTION: (AF) Gabon.

guttula (Aubé, 1838) AF

Hydrocanthus guttula Aubé, 1838:410; TL: Réunion, Madagascar; Syntypes MNHN; DESCR.: Guignot 1959a:496; N. COMB.: Sharp 1882a:275.

Canthydrus guttula var. *frontalis* H.J.Kolbe, 1883:399; TL: Madagascar; Syntypes ZMHB; preoccupied by Sharp 1882a:276; N. SYN.: Zimmermann 1919:117.

Canthydrus guttula ab. *kolbei* Zimmermann, 1919:117, as replacement name for *Canthydrus frontalis* Kolbe; TL: Madagascar; Syntypes ZMHB; N. SYN.: Zimmermann 1919:117.

Canthydrus guttula ab. *kolbei* Zimmermann, 1920:11, as replacement name for *Canthydrus frontalis* Kolbe; TL: Madagascar; Syntypes ZMHB; preoccupied by Zimmermann, 1919:117; N. SYN.: Zimmermann 1920:11.

Canthydrus guttula var. *macularis* H.J.Kolbe, 1883:399; TL: Madagascar; Holotype ZMHB; N. SYN.: Zimmermann 1920a:11.

Canthydrus guttula (Aubé, 1838): Sharp 1882a:275 (Madagascar, Mauritius); Kolbe 1883:399 (Madagascar); Branden 1885:16 (Madagascar, Mauritius); Régimbart 1895b:122 (Madagascar, Réunion); Alluaud 1900:62 (Madagascar, Mauritius); Zimmermann 1919:117 (Madagascar); 1920a:11 (! Borneo, Madagascar, Mauritius, ! New Guinea, ! Timor); Guignot 1959a:496 (Madagascar, Mauritius); Wewalka 1980:730 (Madagascar, Mauritius); Bameul 1984:88 (Madagascar, Mauritius); Rocchi 1993:79 (Madagascar, Mauritius).

Canthydrus guttula var. *frontalis* H.J.Kolbe, 1883:399 (orig. descr., Madagascar); Branden 1885:16 (Madagascar).

Canthydrus guttula ab. *kolbei* Zimmermann, 1919:117 (repl. name).

Canthydrus guttula var. *macularis* H.J.Kolbe, 1883:399 (orig. descr., Madagascar); Branden 1885:16 (Madagascar).

Canthydrus (s. str.) *guttula* (Aubé, 1838): Nilsson 2005:100 (cat.).

Hydrocanthus guttula Aubé, 1838:410 (orig. descr., Madagascar, Réunion); Gemminger & Harold 1868:444 (Madagascar); Fairmaire 1869:188 (Madagascar).

Noterus guttula Dejean, 1833:56 (nomen nudum; Réunion).

DISTRIBUTION: (AF) Madagascar, Mascarene Islands.

haagi (Wehncke, 1876) OR

Hydrocanthus haagi Wehncke, 1876:222; TL: Thailand (Siam); Lectotype selected in MNHN by Toledo 2008:64; DESCR.: Zimmermann 1927:9; N. COMB.: Sharp 1882a:278.

Canthydrus haagi (Wehncke, 1876): Sharp 1882a:278 (Thailand); Branden 1885:16 (Thailand); Régimbart 1899a:251 (Sulawesi, Sumatra, Thailand); Meinert 1901:414 (Thailand); Zimmermann 1920a:11 (Sulawesi, Sumatra, Thailand); 1927:9 (Sulawesi, Sumatra, Thailand); Vazirani 1977a:6 (Sulawesi, Sumatra, Thailand).

Canthydrus haagi Sharp: Régimbart 1895a:343 (Sumatra); Toledo 2008:64 (lect.).

Canthydrus (s. str.) *haagi* (Wehncke, 1876): Nilsson 2005:101 (cat.).

Hydrocanthus haagi Wehncke, 1876:222 (orig. descr., Thailand).

DISTRIBUTION: (OR) Indonesia (Sulawesi, Sumatra), Thailand.

imitator Guignot, 1942 AF

Canthydrus imitator Guignot, 1942a:15; TL: Niger >Say; Holotype MNHN; DESCR.: Guignot 1959a:491.

Canthydrus imitator Guignot, 1943:97; TL: Niger >Say; Holotype MNHN; preoccupied by Guignot 1942a:15; objective synonym of *Canthydrus imitator* Guignot, 1942a:15.

Canthydrus imitator Guignot, 1942:15 (orig. descr., Niger); 1943:97 (second descr., Niger); 1956a:218 (Niger, Senegal, Zaire); 1959a:491 (Mali, Niger, Senegal, Zaire); Capra 1952:6 (Ethiopia); Legros 1954:267 (Guinea); Omer-Cooper 1957a:366 (Ivory Coast, Malawi, South Africa); 1965:72 (Ethiopia, Ivory Coast, Malawi, South Africa); Bilardo & Pederzani 1978:117 (Ivory Coast); Medler 1980:153 (Nigeria); Rocchi 2000:14 (Guinea).

Canthydrus (s. str.) *imitator* Guignot, 1942: Nilsson 2005:101 (cat.).

DISTRIBUTION: (AF) Ethiopia, Guinea, Ivory Coast, Malawi, Mali, Niger, Nigeria, Senegal, South Africa, Zaire.

irenicus Guignot, 1955 AF

Canthydrus irenicus Guignot, 1955b:1096; TL: Ivory Coast >Toumodi; Holotype MNHN.

Canthydrus irenicus Guignot, 1955b:1096 (orig. descr., Ivory Coast); 1956a:218 (Guinea, Ivory Coast, Senegal); Rocchi 2000:14 (Guinea, Ivory Coast, Senegal); Reintjes 2004:49 (Ivory Coast).

Canthydrus (s. str.) *irenicus* Guignot, 1955: Nilsson 2005:101 (cat.).

DISTRIBUTION: (AF) Guinea, Ivory Coast, Senegal.

koppi Wehncke, 1883 AF

Canthydrus koppi Wehncke, 1883:148; TL: Ivory Coast (Ghana) >Addah; Syntypes MNHN; DESCR.: Guignot 1959a:503.

Canthydrus koppi Wehncke, 1883:148 (orig. descr., Ivory Coast); Branden 1885:17 (West Africa); Régimbart 1895b:124 (! Ghana, Nigeria, Senegal); Zimmermann 1920a:11 (West Africa); Guignot 1955f:864 (Mauritania); 1956f:87 (Mali); 1959a:503 (Senegal); 1961a:238 (Senegal); Bruneau de Miré & Legros 1963:841 (Chad); Medler 1980:153 (Nigeria); Reintjes & Pederzani 2002:115 (Cameroon, Chad, ! Ghana, Ivory Coast, Niger, Nigeria, Senegal); Reintjes 2004:49 (Ivory Coast); Vondel 2004:40 (Gambia, Senegal).

Canthydrus koppi ab. *sexmaculatus* Guignot, 1955f:864 (orig. descr., Mauritania; infrasubspecific).

Canthydrus (s. str.) *koppi* Wehncke, 1883: Nilsson 2005:101 (cat.).

DISTRIBUTION: (AF) Cameroon, Chad, Gambia, Ivory Coast, Mali, Mauritania, Niger, Nigeria, Senegal.

laccophiloides Gschwendtner, 1930 AF

Canthydrus laccophiloides Gschwendtner, 1930a:82; TL: Zaire >Katanga >Mulongo; Holotype MRAC; DESCR.: Guignot 1959a:494.

Canthydrus laccophiloides Gschwendtner, 1930a:82 (orig. descr., Zaire); 1930b:221 (Zaire); Guignot 1955e:182 (Zaire); 1959a:494 (Zaire).

Canthydrus (s. str.) *laccophiloides* Gschwendtner, 1930: Nilsson 2005:101 (cat.).

DISTRIBUTION: (AF) Zaire.

laetabilis (Walker, 1858) OR PL

Hydroporus laetabilis Walker, 1858:205; TL: Sri Lanka (Ceylon); Lectotype selected in BMNH by Toledo 2008:65; DESCR.: Régimbart 1899a:250; N. COMB.: Sharp 1882a:277.

Canthydrus amicus Guignot, 1948a:9; TL: Zaire >Musosa [mislabelled]; Holotype MNHN; N. SYN.: Guignot 1951b:83.

Hydrocanthus orientalis Wehncke, 1876:222; TL: India >Chennai (Madras), Tranquebar; Syntypes MNHN; N. SYN.: Branden 1885:17.

Canthydrus amicus Guignot, 1948a:9 (orig. descr., ! Zaire).

Canthydrus laetabilis (Walker, 1858): Sharp 1882a:277 (Sri Lanka); 1890:341 (Sri Lanka); Branden 1885:17 (Sri Lanka); Severin 1890:CLXXXVII (India); Régimbart 1892c:113 (India); 1893a:99 (Sri Lanka); 1899a:250 (India, Sri Lanka); 1902:468 (Sri Lanka); 1903a:333 (India); Zimmermann 1919:118 (Sri Lanka); 1920a:11 (India, ! North America, Sri Lanka); Vazirani 1953:423 (India); 1968:100 (India, Sri Lanka); 1969a:229 (Burma, India, Pakistan, Sri Lanka, ! Zaire); 1969b:399 (Sri Lanka); 1970a:32 (Burma, India, Sri Lanka); 1973:291 (India); 1974:16 (India), 1977a:6 (Burma, India, Nepal, Pakistan, Sri Lanka, ! Zaire); 1977b:53 (India); 1977c:42 (India); 1981:257 (India); Rocchi 1976:179 (Bangla Desh); 1986:33 (Sri Lanka); 2001:65 (Bangla Desh, India, Myanmar, Nepal, Pakistan, Sri Lanka) Nilsson 2003:34 (Nepal, Pakistan, Uttar Pradesh), 2004:17 (! Africa); Toledo 2008:65 (lect.).

Canthydrus laetabilis (Walker, 1858) (misspell.): Guignot 1954c:563 (Burma).

Canthydrus (s. str.) *laetabilis* (Walker, 1858): Nilsson 2005:102 (cat.).

Hydroporus laetabilis Walker, 1858:205 (orig. descr., Sri Lanka); Motschulsky 1861:108 (Sri Lanka).

Hydrocanthus orientalis Wehncke, 1876:222 (orig. descr., India).

DISTRIBUTION: (OR) Bangla Desh, India, Myanmar, Sri Lanka; (PL) India (Uttar Pradesh), Nepal, Pakistan.

***luctuosus* (Aubé, 1838) OR PL**

Hydrocanthus luctuosus Aubé, 1838:408; TL: India >Mumbai (Bombay); Syntypes MNHN; DESCR.: Vazirani 1969a:231; N. COMB.: Sharp 1882a:276.

Canthydrus frontalis Sharp, 1882a:276; TL: Arabia; Lectotype selected in BMNH by Toledo 2008:64; N. SYN.: Régimbart 1899a:249.

Canthydrus ornatus Sharp, 1882a:275; TL: Iran; Lectotype in BMNH selected by Toledo 2008:65; N. SYN.: Zimmermann 1920a:12.

Canthydrus sexpunctatus Sharp, 1882a:276; TL: India >Tranquebar; Syntypes BMNH; N. SYN.: Sharp 1890:340.

Canthydrus frontalis Sharp, 1882a:276 (orig. descr., Arabia, India); Marseul 1882:40 (Arabia); Branden 1885:16 (Arabia, India); Toledo 2008:64 (lect. Arabia).

Canthydrus luctuosus (Aubé, 1838): Sharp 1882a:276 (India); 1890:340 (Sri Lanka); Branden 1885:17 (India or.); Régimbart 1889a:148 (Cambodia, Cochinchine, India); 1895b:125 (Réunion); 1899a:248 (India, Indochine); Severin 1890:CLXXXVII (India); Zimmermann 1920a:11 (India); Vazirani 1953:424 (Arabia, India, Iran, Iraq, Syria); 1968:100 (India); 1969a:231 (India, Iran, Sri Lanka); 1969b:399 (Sri Lanka); 1972:117 (India); 1974:16 (India); 1977a:6 (India, Iran, Sri Lanka); 1981:258 (India); Wewalka 1973:84 (India, Iran, Sri Lanka, Syria); Rocchi 2001:65 (Iran, Iraq, India, Sri Lanka, Syria); Nilsson 2003:34 (Iran), 2004:17 (Iraq, South Arabia, Syria).

Canthydrus luctuosus ab. *frontalis* Sharp, 1882: Zimmermann 1920a:11 (Arabia, India, ! Mascarene Islands).

Canthydrus luctuosus var. *frontalis* Sharp, 1882: Régimbart 1899a:249 (Arabia, India).

Canthydrus luctuosus frontalis Sharp, 1882: Brancucci 1985:241 (? Arabia).

Canthydrus luctuosus ab. *ornatus* Sharp, 1882: Zimmermann 1920a:12 (Iran, Mesopotamia, Syria).

Canthydrus luctuosus ab. *sexpunctatus* Sharp, 1882: Zimmermann 1920a:11 (India, Iran).

Canthydrus luctuosus var. *sexpunctatus* Sharp, 1882: Régimbart 1899a:249 (India).

Canthydrus luctuosus ornatus Sharp, 1882: Ali 1978:11 (Iraq).

Canthydrus ornatus Sharp, 1882a:275 (orig. descr., Iran); Marseul 1882:40 (Iran); Branden 1885:17 (Iran); Régimbart 1893b:363 (Syria); 1899a:249 (Iran, Iraq); Zimmermann 1927:9 (Iran, Iraq, Sumatra); Toledo 2008:65 (lect.).

Canthydrus sexpunctatus Sharp, 1882a:276 (orig. descr., India); Branden 1885:18 (India).

Canthydrus (s. str.) *luctuosus* (Aubé, 1838): Nilsson 2005:102 (cat.).

Hydrocanthus luctuosus Aubé, 1838:408 (orig. descr., India); Gemminger & Harold 1868:444 (India).

Noterus luctuosus Dejean, 1833:56 (nomen nudum, India orient.).

Noterus quadrimaculatus Zaitzev, 1915:258 (nomen nudum, East India).

DISTRIBUTION: (OR) Cambodia, India, Indonesia (Sumatra), Sri Lanka, Vietnam; (PL) Arabia, Iran, Iraq, Syria.

***maculatus* Wehncke, 1883 AF**

Canthydrus maculatus Wehncke, 1883:148; TL: Ivory Coast (Ghana) >Addah; Syntypes MNHN; DESCR.: Guignot 1959a:487.

Canthydrus maculatus Wehncke, 1883:148 (orig. descr., Ivory Coast); Branden 1885:17 (West Africa); Régimbart 1895b:127 (! Ghana); Zimmermann 1920a:12 (West Africa); Guignot 1936a:43 (Kenya); 1959a:487 (! Ghana, Kenya); Medler 1980:153 (Nigeria).

Canthydrus (s. str.) *maculatus* Wehncke, 1883: Nilsson 2005:102 (cat.).

DISTRIBUTION: (AF) Ivory Coast, Kenya, Nigeria.

***marshalli* J.Balfour-Browne, 1939 AF**

Canthydrus marshalli J.Balfour-Browne, 1939a:98; TL: South Africa >Kwazulu-Natal >Estcourt (Eastcourt); Holotype BMNH; DESCR.: Guignot 1959a:501.

Canthydrus marshalli J.Balfour-Browne, 1939a:98 (orig. descr., Natal); Guignot 1959a:501 (Natal); Omer-Cooper 1965:72 (Malawi, South Africa, Zaire).

Canthydrus (s. str.) *marshalli* J.Balfour-Browne, 1939: Nilsson 2005:103 (cat.).

DISTRIBUTION: (AF) Malawi, South Africa, Zaire.

***mazzoldii* Toledo, 2008 OR**

Canthydrus mazzoldii Toledo, 2008:60; TL: Thailand >Thung Salaeng Luang NP >80 km E of Phitsanulok; Holotype NMW.

Canthydrus mazzoldii Toledo, 2008:60 (orig. descr., Laos, Thailand).

DISTRIBUTION: (OR) Laos, Thailand.

***minutus* Régimbart, 1895 AF**

Canthydrus minutus Régimbart, 1895b:123; TL: Gabon >Cristal Mts <Congo >Quilou river >upper part; Syntypes MNHN; DESCR.: Guignot 1959a:497.

Canthydrus minutus Régimbart, 1895b:123 (orig. descr., Congo, Gabon); Zimmermann 1920a:12 (Congo); Peschet 1925:30 (Angola); Gschwendtner 1932b:54 (Zaire); 1935a:373 (Zaire); Guignot 1936a:42 (Uganda); 1943:98 (Ivory Coast); 1953b:234 (Zaire); 1954a:21 (Zaire); 1959a:497 (Angola, Gabon, Ivory Coast, Uganda, Zaire); Legros 1954:267 (Guinea); 1958:210 (Guinea); Omer-Cooper 1957a:365 (Ethiopia, Ivory Coast, Malawi, Uganda, Zaire); Bilardo & Pederzani 1978:117 (Gabon, Ivory Coast); Medler 1980:153 (Nigeria); Pederzani & Rocchi 1982:71 (Congo); Bilardo & Rocchi 1990:175 (Gabon).

Canthydrus (s. str.) *minutus* Régimbart, 1895: Bilardo & Rocchi 2002:155 (Gabon); Nilsson 2005:103 (cat.).

DISTRIBUTION: (AF) Angola, Congo, Ethiopia, Gabon, Guinea, Ivory Coast, Malawi, Nigeria, Uganda, Zaire.

***moneres* Guignot, 1955 AF**

Canthydrus moneres Guignot, 1955a:66; TL: Madagascar >C part >Ambatoloana; Holotype MNHN.

Canthydrus moneres Guignot, 1955a:66 (orig. descr., Madagascar); Rocchi 1993:85 (Madagascar).
Canthydrus (s. str.) *moneres* Guignot, 1955: Nilsson 2005:103 (cat.).
 DISTRIBUTION: (AF) Madagascar.

***morsbachi* (Wehncke, 1876) OR**

Hydrocanthus morsbachi Wehncke, 1876:222; TL: Vietnam (Cochinchina); Lectotype selected in MNHN by Toledo 2008:65; DESCR.: Vazirani 1969a:232; N. COMB.: Sharp 1882a:276.

Canthydrus luctuosus var. *morsbachi* (Wehncke, 1876): Régimbart 1889a:148 (Cochinchine).
Canthydrus morsbachi (Wehncke, 1876): Sharp 1882a:276 (Vietnam); Branden 1885:17 (Cochinchina); Régimbart 1899a:247 (in part, Cochinchine); Zimmermann 1920a:12 (in part, Cochinchina); 1927a:8 (Vietnam); Wewalka 1982:119 (in part, Vietnam); Toledo 2003:78 (in part, Vietnam); Toledo 2008:65 (lect.).
Hydrocanthus morsbachi Wehncke, 1876:222 (orig. descr., Cochinchina).
 DISTRIBUTION: (OR) Vietnam.

***morulus* Omer-Cooper, 1931 AF**

Canthydrus morulus Omer-Cooper, 1931:755; TL: Ethiopia >Hara Shola, Zwai lake <Uganda >Kampala; Syntypes BMNH; DESCR.: Guignot 1959a:501.

Canthydrus morulus Omer-Cooper, 1931:755 (orig. descr., Ethiopia); Guignot 1956g:320 (Zaire); 1956h:395 (Uganda); 1959a:501 (Ethiopia, Uganda, Zaire); 1959b:157 (Zaire).
Canthydrus (s. str.) *morulus* Omer-Cooper, 1931: Nilsson 2005:104 (cat.).
 DISTRIBUTION: (AF) Ethiopia, Uganda, Zaire.

***natalensis* J.Balfour-Browne, 1939 AF**

Canthydrus natalensis J.Balfour-Browne, 1939a:98; TL: South Africa >Kwazulu-Natal >Durban (Port Natal); Holotype BMNH; DESCR.: Guignot 1959a:502.

Canthydrus natalensis J.Balfour-Browne, 1939a:98 (orig. descr., Natal); Guignot 1953d:145 (Zaire); 1959a:502 (Natal, Zaire); Omer-Cooper 1957a:365 (Malawi, South Africa); 1965:72 (Malawi, South Africa, Zaire).
Canthydrus (s. str.) *natalensis* J.Balfour-Browne, 1939: Nilsson 2005:104 (cat.).
 DISTRIBUTION: (AF) Malawi, South Africa, Zaire.

***nigerrimus* Omer-Cooper, 1957 AF**

Canthydrus nigerrimus Omer-Cooper, 1957:5; TL: South Africa >Mpumalanga (Transvaal) >Ermelo; Holotype BMNH.

Canthydrus nigerrimus Omer-Cooper, 1957b:5 (orig. descr., South Africa); 1958:59 (Swaziland); 1965:71 (South Africa, Swaziland).
Canthydrus (s. str.) *nigerrimus* Omer-Cooper, 1957: Nilsson 2005:104 (cat.).
 DISTRIBUTION: (AF) South Africa, Swaziland.

***nitidulus* Sharp, 1882 OR PL**

Canthydrus nitidulus Sharp, 1882a:278; TL: N China >Taiwan; Lectotype selected in BMNH by Toledo 2008:65; DESCR.: Mori & Kitayama 1993:49.
Canthydrus bifasciatus Régimbart, 1889a:148; TL: Cambodia >Pnomh-Penh; Syntypes MNHN; N. SYN.: Zimmermann 1919:117.

Canthydrus bifasciatus Régimbart, 1889a:148 (orig. descr., Cambodia); Vazirani 1977a:5 (Vietnam); Zimmermann 1920a:10 (Cochinchina).
Canthydrus nitidulus Sharp, 1882a:278 (orig. descr., China, Taiwan); Branden 1885:17 (China, Taiwan); Régimbart 1889a:147 (Annam); 1899a:250 (Annam, China, Tonkin); Zimmermann 1920a:12 (Annam, China, Taiwan, Tonkin); Chûjô & Satô 1961:303 (Cambodia); Vazirani 1977a:7 (Cambodia, China, Japan, Taiwan, Vietnam); Mori & Kitayama 1993:49 (Japan); Nilsson 1995:39 (Cambodia, China, Japan, Vietnam); Hua 2002:34 (Beijing, Cambodia, Fujian, Guangdong, Hainan, Hubei, Japan, Jiangsu, Jiangxi, Sichuan, Taiwan, Vietnam, Zhejiang); Nilsson 2003:34 (Beijing, Fujian, Guangdong, Hainan, Hubei, Japan, Jiangsu, Jiangxi, Sichuan, Taiwan, Zhejiang); Toledo 2003:81 (Cambodia, Beijing, Fujian, Guangdong, Hainan, Hong Kong, Hubei, Japan, Jiangsu, Jiangxi, Sichuan, Taiwan, Vietnam, Zhejiang); Toledo 2008:65 (lect.).
Canthydrus nitidulus ab. *bifasciatus* Régimbart, 1889: Zimmermann 1919:117 (Cambodia, Vietnam).
Canthydrus (s. str.) *nitidulus* Sharp, 1882: Nilsson 2005:104 (cat.).
 DISTRIBUTION: (OR) Cambodia, Vietnam; (PL) China (Beijing, Fujian, Guangdong, Hainan, Hong Kong, Hubei, Jiangsu, Jiangxi, Sichuan, Zhejiang), Japan (Ryukyu Islands), Taiwan.

***notula* (Erichson, 1843) AF PL**

Hydrocanthus notula Erichson, 1843:220; TL: Angola; Syntypes ZMHB; DESCR.: Montes & Soler 1985:191; N. COMB.: Sharp 1882a:275.

Canthydrus biguttatus Régimbart, 1895b:123; TL: West Africa >Senegal [etc.]; Syntypes MSNG; N. SYN.: Kolbe 1902:574.
Canthydrus biguttatus Régimbart, 1895c:188; TL: Somalia >Gourar Ganana >betw. Lugh & Bardera <<Senegal, Congo; Syntypes MSNG; preoccupied by Régimbart 1895b:123; N. SYN.: Nilsson 2005:104.

Canthydrus biguttatus Régimbart, 1895b:123 (orig. descr., Congo, Gabon, Ghana, Senegal, Sierra Leone, Somalia, Zaire); 1895c:188 (second descr., Congo, Senegal, Somalia); 1900b:49 (Aldabra); 1906:247 (Kenya, Tanzania); Kolbe 1897:81 (Somalia); Alluaud 1900:62 (Aldabra); Zimmermann 1919:117 (Angola); 1920a:10 (Cameroon, East Africa); 1920b:224 (Namibia); 1926:20 (Tanzania); Peschet 1922:374 (Kenya); 1925:29 (Aldabra Islands, Angola, Cameroon, Ghana, Kenya, Senegal, Sierra Leone, Somalia); Gschwendtner 1930b:221 (Zaire); 1935b:15 (Botswana); 1938a:4 (Zaire); Guignot 1936a:42 (Kenya); 1953b:234 (Zaire); 1954a:21 (Zaire); 1955g:29

Nilsson A.N. 2011: A World Catalogue of the Family Noteridae. Version 16.VIII.2011

(Ruanda); 1956g:318 (Zaire); 1959a:500 (Aldabra Islands, Zaire); 1959b:156 (Zaire); 1960a:98 (Aldabra Islands, Madagascar); J. Balfour-Browne 1939b:477 (Botswana, Cameroon, Ghana, Kenya, Senegal, Sierra Leone, Somalia, Tanzania, Uganda, Zaire); Bruneau de Miré & Legros 1963:840 (Chad, Somalia, Tanzania); Bilardo 1976:190 (Tanzania); Bilardo & Pederzani 1978:117 (Gabon, Ivory Coast); Forge 1979:98 (Ivory Coast).

Canthydrus notula (Erichson, 1843): Kolbe 1902:574 (Aldabra Islands); Sharp 1904:2 (Sudan); Régimbart 1922:532 (Ethiopia, Kenya); Zimmermann 1919:117; 1920a:12 (in part, Angola); Omer-Cooper 1931:754 (Ethiopia); 1956:21 (Mozambique); 1957a:365 (Angola, Ethiopia, Kenya, Malawi, Mozambique, South Africa, Swaziland, Tanzania, Uganda, Zambia, Zimbabwe); 1958:59 (Swaziland); 1965:71 (Aldabra Islands, Angola, Botswana, Ethiopia, Ghana, Kenya, Madagascar, Malawi, Mali, Mozambique, Senegal, Sierra Leone, Somalia, South Africa, Swaziland, Tanzania, Uganda, Zaire, Zambia, Zanzibar, Zimbabwe); Guignot 1936a:41 (Ethiopia); 1953d:145 (Zaire); J. Balfour-Browne 1950:359 (Zambia); 1951:182 (in part, Yemen); Ferreira 1967:535 (Angola); Medler 1980:153 (Nigeria); Pederzani & Rocchi 1982:71 (Congo); Brancucci 1985:241 (Yemen); Montes & Soler 1985:191 (Angola, Gabon, Madagascar, Somalia, Tanzania, Zaire); Bilardo & Rocchi 1987:101 (Botswana); 1990:175 (Gabon); Rocchi 1990:442 (Kenya); 1993:85 (Madagascar); Nilsson 2003:34 (Oman, Yemen); 2004:17 (Africa); Vondel 2004:40 (Gambia).

Canthydrus notula ab. *siculus* Ragusa, 1882 (misident.): Guignot 1953d:145 (Zaire).

Canthydrus (s. str.) *biguttatus* Régimbart, 1895: Guignot 1960b:96 (Tanzania).

Canthydrus (s. str.) *notula* (Erichson, 1843): Nilsson 2005:104 (cat.).

Hydrocanthus notula Erichson, 1843:220 (orig. descr., Angola); Gemminger & Harold 1868:444 (Angola); Paulino de Oliveira 1880:151 (Angola).

DISTRIBUTION: (AF) Angola, Botswana, Cameroon, Chad, Congo, Ethiopia, Gabon, Gambia, Ghana, Ivory Coast, Kenya, Madagascar, Malawi, Mali, Mozambique, Namibia, Nigeria, Ruanda, Senegal, Seychelles (Aldabra Islands), Sierra Leone, Somalia, South Africa, Swaziland, Tanzania, Uganda, Zaire, Zambia, Zimbabwe; (PL) Oman, Yemen.

ssp. comorensis Guignot, 1959 AF

Canthydrus notula comorensis Guignot, 1959d:72; TL: Comoros >Mwali (Mohéli) >l'Etang; Holotype MNHN.

Canthydrus notula comorensis Guignot, 1959d:72 (orig. descr., Comoros).

Canthydrus (s. str.) *notula comorensis* Guignot, 1959: NILSSON 2005:105 (CAT.).

DISTRIBUTION: (AF) Comoro Islands.

occultus Toledo, 2010 AU

Canthydrus occultus Toledo, 2010:219; TL: Indonesia >West New Guinea >Nabire >Bobo river; Holotype NMW.

Canthydrus occultus Toledo, 2010:219 (orig. descr., West New Guinea).

DISTRIBUTION: (AU) Indonesia (West New Guinea).

politus (Sharp, 1873) PL

Hydrocanthus politus Sharp, 1873:51; TL: Japan >Honshu >Kobe (Hiogo); Lectotype in BMNH selected by Toledo 2008:65; DESCR.: Mori & Kitayama 1993:49; N. COMB.: Sharp 1882a:278.

Canthydrus politus (Sharp, 1873): Sharp 1882a:278 (China, Japan); Branden 1885:17 (China, Japan); Régimbart 1899a:251 (Japan, Shanghai); Zimmermann 1920a:13 (China, Japan); Gschwendtner 1933a:159 (Wuchang); Lee et al. 1992:46 (South Korea); Mori & Kitayama 1993:49 (Japan); Nilsson 1995:39 (China, Japan); Hua 2002:34 (Beijing, Fujian, Hubei, Japan, Jiangsu, Jiangxi, Liaoning, Sichuan, Shandong); Nilsson 2003:34 (Beijing, Fujian, Hebei, Hubei, Japan, Jiangsu, Liaoning, Sichuan, Shanghai, Shandong, South Korea); Toledo 2003:80 (Guizhou, Hunan, Japan, Jiangxi, Korea); Toledo 2008:65 (lect.).

Canthydrus (s. str.) *politus* (Sharp, 1873): Nilsson 2005:105 (cat.).

Hydrocanthus politus Sharp, 1873:51 (orig. descr., Japan).

DISTRIBUTION: (PL) China (Beijing, Fujian, Guizhou, Hebei, Hubei, Hunan, Jiangsu, Jiangxi, Liaoning, Sichuan, Shanghai, Shandong), Japan (Honshu, Kyushu, Shikoku, Ryukyu Islands), South Korea.

procurvus Guignot, 1942 AF

Canthydrus procurvus Guignot, 1942a:14; TL: Ivory Coast >Toumodi; Holotype MNHN; DESCR.: Guignot 1959:489.

Canthydrus procurvus Guignot, 1943:96; TL: Ivory Coast >Toumodi; Holotype MNHN; preoccupied by Guignot 1942a:14; objective synonym of *Canthydrus procurvus* Guignot, 1942a:14.

Canthydrus procurvus Guignot, 1942a:14 (orig. descr., Ivory Coast); 1943:96 (second descr., Ivory Coast); 1959a:489 (Ivory Coast); 1959b:155 (Zaire); Forge 1979:98 (Ivory Coast); Bilardo & Pederzani 1978:117 (Ivory Coast).

Canthydrus (s. str.) *procurvus* Guignot, 1942: Nilsson 2005:105 (cat.).

DISTRIBUTION: (AF) Ivory Coast, Zaire.

proximus Sharp, 1882 OR

Canthydrus proximus Sharp, 1882a:278; TL: Thailand >Bangkok; Lectotype in BMNH selected by Toledo 2008:66; DESCR.: Régimbart 1899a:250.

Canthydrus proximus Sharp, 1882a:278 (orig. descr., Thailand); Branden 1885:17 (Thailand); Régimbart 1899a:250 (Annam, Thailand); Zimmermann 1920a:13 (Annam, Thailand); Vazirani 1977a:7 (China, Thailand, Vietnam); Nilsson 1995:40 (? China, Thailand, Vietnam); Hua 2002:34 (? China, Thailand, Vietnam); Nilsson 2003:34 (China); Hendrich et al. 2004:108 (? Singapore); Toledo 2008:66 (lect.).

Canthydrus (s. str.) *proximus* Sharp, 1882: Nilsson 2005:105 (cat.).

DISTRIBUTION: (OR) ? Singapore, Thailand, Vietnam; (PL) ? China.

pseudomorsbachi Vazirani, 1969 OR

Canthydrus pseudomorsbachi Vazirani, 1969b:399; TL: Sri Lanka >Battaramulla; Holotype NZSI.

Canthydrus pseudomorsbachi Vazirani, 1969b:399 (orig. descr., Sri Lanka); 1977a:8 (Sri Lanka).
Canthydrus (s. str.) *pseudomorsbachi* Vazirani, 1969: Nilsson 2005:106 (cat.).
 DISTRIBUTION: (OR) Sri Lanka.

***quadriguttatus* Guignot, 1955 AF**

Canthydrus quadriguttatus Guignot, 1955e:187; TL: Zaire >Katanga >Lubumbashi (Elisabethville); Holotype MRAC.

Canthydrus quadriguttatus Guignot, 1955e:187 (orig. descr., Zaire).
Canthydrus (s. str.) *quadriguttatus* Guignot, 1955: Nilsson 2005:106 (cat.).
 DISTRIBUTION: (AF) Zaire.

***quadrivittatus* (Boheman, 1848) AF**

Noterus quadrivittatus Boheman, 1848:247; TL: South Africa (Caffraria interiori); Syntypes NHRS; DESCR.: Guignot 1959a:506; N. COMB.: Sharp 1882a:277.

Canthydrus apicicornis Régimbart, 1895 (misident. vide Omer-Cooper 1965:72); Omer-Cooper 1957a:366 (Zimbabwe).
Canthydrus quadrivittatus (Boheman, 1848): Sharp 1882a:277 (South Africa); Branden 1885:17 (South Africa); Régimbart 1894:236 (South Africa); 1895b:124 (Congo, South Africa); Zimmermann 1920a:13 (South Africa); Peschet 1925:29 (Angola, Congo, South Africa); Omer-Cooper 1931:755 (Ethiopia); Omer-Cooper 1957a:364 (Angola, Botswana, Malawi, South Africa, Zimbabwe); 1957b:5 (Angola, Ethiopia, South Africa, Zaire); 1958:59 (Swaziland); 1965:70 (Angola, Botswana, Ethiopia, Malawi, South Africa, Swaziland, Zaire, Zimbabwe); Gschwendtner 1935b:15 (Botswana); Guignot 1953b:234 (Zaire); 1955e:182 (Zaire); 1959a:506 (Angola, Congo, Ethiopia, Zaire); Ferreira 1967:535 (Angola); Bilardo & Rocchi 1987:101 (Botswana).
Canthydrus quadrivittatus ab. *contractosignatus* Gschwendtner, 1935:15 (orig. descr., Kalahari; infrasubspecific).
Canthydrus (s. str.) *quadrivittatus* (Boheman, 1848): Nilsson 2005:106 (cat.).
Hydrocanthus quadrivittatus (Boheman, 1848): Gemminger & Harold 1868:444 (Caffraria).
Noterus quadrivittatus Boheman, 1848:247 (orig. descr., South Africa).
 DISTRIBUTION: (AF) Angola, Botswana, Congo, Ethiopia, Malawi, South Africa, Swaziland, Zaire, Zimbabwe.

***rasilis* Guignot, 1942 AF**

Canthydrus rasilis Guignot, 1942a:14; TL: Ivory Coast >Toumodi; Holotype MNHN; DESCR.: Guignot 1959a:490.
Canthydrus rasilis Guignot, 1943:97; TL: Ivory Coast >Toumodi; Holotype MNHN; preoccupied by Guignot 1942a:14; objective synonym of *Canthydrus rasilis* Guignot, 1942a:14.
Canthydrus rasilis Guignot, 1942a:14 (orig. descr., Burkina Faso, Ivory Coast); 1943:97 (second descr., Burkina Faso, Ivory Coast); Guignot 1953d:145 (Zaire); 1959a:490 (Burkina Faso, Ivory Coast, Zaire); Medler 1980:153 (Nigeria); Rocchi 2000:14 (Burkina Faso, Congo, Guinea, Ivory Coast, Zaire).
Canthydrus (s. str.) *rasilis* Guignot, 1942: Nilsson 2005:106 (cat.).
 DISTRIBUTION: (AF) Burkina Faso, Congo, Guinea, Ivory Coast, Nigeria, Zaire.

***ritsemae* (Régimbart, 1880) OR PL**

Hydrocanthus ritsemae Régimbart, 1880:213; TL: Indonesia >Sumatra >Loeboekh Gadang; LT: Wewalka 1992:806 RMNH; DESCR.: Wewalka 1992:806; N. COMB.: Régimbart 1899a:252.
Canthydrus javanus Wehncke, 1883:149; TL: Indonesia >Java; LT: Wewalka 1992:806 MNHN; N. SYN.: Régimbart 1899a:252.
Canthydrus pseudoflavus Rocchi, 1986:31; TL: Myanmar >Yangon (Rangoon); Holotype SOFM; N. SYN.: Wewalka 1992:806.
Canthydrus flavus (Motschulsky, 1855) (misident.): Régimbart 1889a:150 (Vietnam).
Canthydrus javanus Wehncke, 1883:149 (orig. descr., Java); Branden 1885:17 (Java).
Canthydrus pseudoflavus Rocchi, 1986:31 (orig. descr., Myanmar).
Canthydrus ritsemae (Régimbart, 1880): Régimbart 1899a:252 (Burma, Cochinchine, Java, Sumatra, Tonkin); 1900a:147 (Sumatra); Zimmermann 1919:118 (Burma, Vietnam); 1920a:13 (Burma, Java, Sumatra, Vietnam); 1927:10 (Burma, Sumatra, Thailand, Vietnam); Csiki 1938:125 (Java, Sumatra); Wewalka 1992:806 (Borneo, Burma, China, India, Java, Malaysia, Nepal, Sumatra, Thailand, Vietnam); Nilsson 1995:39 (China, India, Indonesia, Nepal); Rocchi 2001:65 (Bangla Desh, China, India, Indonesia, Malaysia, Myanmar, Nepal, Thailand, Vietnam); Hua 2002:34 (Hong Kong, India, Nepal, Sunda Islands); Nilsson 2003:34 (Hong Kong); Toledo 2003:77 (Guangdong, Hainan, Hong Kong, India, Nepal), 2010:217 (Bangla Desh, Borneo, Guangdong, Hainan, Hong Kong, India, Java, Malaysia, Myanmar, Nepal, Singapore, Sulawesi, Sumatra, Thailand, Vietnam); Hendrich et al. 2004:108 (Singapore).
Canthydrus ritsemai (Régimbart, 1880) (misspell.): Guignot 1954c:563 (Burma); Vazirani 1969a:228 (Burma, India, Java, Sumatra, Tonkin); 1974:16 (India, Java); 1977a:8 (Burma, India, Java, Malaysia, Singapore, Sumatra, Thailand, Vietnam); Rocchi 1976:179 (Bangla Desh).
Canthydrus ritsemai Régimbart, 1880 (misspell.): Rocchi 1986:33 (Thailand).
Canthydrus (s. str.) *ritsemae* (Régimbart, 1880): Nilsson 2005:106 (cat.).
Hydrocanthus ritsemae Régimbart, 1880:213 (orig. descr., Sumatra); Branden 1885:19 (Sumatra).
 DISTRIBUTION: (OR) Bangla Desh, India, Indonesia (Java, Kalimantan, Sulawesi, Sumatra), Malaysia, Myanmar, Singapore, Thailand, Vietnam; (PL) China (Guangdong, Hainan, Hong Kong), Nepal.

***rocchii* Wewalka, 1992 OR**

Canthydrus rocchii Wewalka, 1992:807; TL: Myanmar (Burma) >Mandalay; Holotype CGW.
Canthydrus rocchii Wewalka, 1992:807 (orig. descr., Burma, ? India).
Canthydrus (s. str.) *rocchii* Wewalka, 1992: Nilsson 2005:107 (cat.).
 DISTRIBUTION: (OR) ? India, Myanmar.

rossanae Bilardo & Rocchi, 1987 AF

Canthydrus rossanae Bilardo & Rocchi, 1987:102; TL: Botswana >Chobe NP >Kasane; Holotype MSNM.

Canthydrus rossanae Bilardo & Rocchi, 1987:102 (orig. descr., Botswana).
Canthydrus (s. str.) *rossanae* Bilardo & Rocchi, 1987: Nilsson 2005:107 (cat.).
 DISTRIBUTION: (AF) Botswana.

rubropictus Régimbart, 1895 AF

Canthydrus rubropictus Régimbart, 1895b:126; TL: Gabon >Cristal Mts >Rio San Benito <<N'Gounié river >Samba falls; Syntypes MNHN; DESCR.: Guignot 1959a:503.

Canthydrus rubropictus Régimbart, 1895b:126 (orig. descr., Gabon); Zimmermann 1920a:13 ('Congo'); Guignot 1959a:503 (Gabon, Zaire).
Canthydrus (s. str.) *rubropictus* Régimbart, 1895: Bilardo & Rocchi 2002:155 (Gabon); Nilsson 2005:107 (cat.).
 DISTRIBUTION: (AF) Gabon, Zaire.

ruficollis Régimbart, 1895 AF

Canthydrus ruficollis Régimbart, 1895b:126; TL: Gabon >Cristal Mts.; Syntypes MNHN; DESCR.: Guignot 1959a:502.

Canthydrus ruficollis Régimbart, 1895b:126 (orig. descr., Gabon); Zimmermann 1920a:13 (West Africa); Gschwendtner 1930a:80 (Zaire); Guignot 1936a:41 (Kenya); 1943:98 (Ivory Coast); 1959a:502 (Zaire).
Canthydrus (s. str.) *ruficollis* Régimbart, 1895: Nilsson 2005:107 (cat.).
 DISTRIBUTION: (AF) Gabon, Ivory Coast, Kenya, Zaire.

sedilloti Régimbart, 1895 AF

Canthydrus sedilloti Régimbart, 1895b:125; TL: Ethiopia; Holotype MNHN; DESCR.: Guignot 1959:505.
Canthydrus sedilloti var. *gutticollis* Régimbart, 1895b:125; TL: South Africa >Cape Town, Natal; Syntypes SAMC; N. SYN.: Nilsson 2005:107.

Canthydrus sedilloti Régimbart, 1895b:125 (orig. descr., Ethiopia); 1906:247 (Kenya); Zimmermann 1920a:13 (Ethiopia, East Africa); Omer-Cooper 1931:754 (Ethiopia); 1957a:364 (Ethiopia, Kenya, Malawi, South Africa, Swaziland, Tanzania, Uganda, Zaire, Zambia, Zimbabwe); 1958:59 (Swaziland); 1965:70 (Ethiopia, Kenya, Malawi, South Africa, Swaziland, Tanzania, Uganda, Zaire, Zambia, Zimbabwe); Gschwendtner 1932b:54 (Zaire); 1938a:4 (Zaire); Guignot 1936a:42 (Kenya, Uganda); 1953d:145 (Zaire); 1954a:22 (Zaire); 1959a:505 (Ethiopia, Natal, Rhodesia, Tanzania, Zaire); J. Balfour-Browne 1950:359 (Zambia); Bertrand & Legros 1968:861 (Zimbabwe); Forge 1979:98 (Ivory Coast).
Canthydrus sedilloti var. *gutticollis* Régimbart, 1895b:125 (orig. descr., South Africa); Zimmermann 1920a:13 (Natal); Omer-Cooper 1931:755 (Ethiopia).
Canthydrus sedilloti gutticollis Régimbart, 1895: Medler 1980:153 (Nigeria).
Canthydrus sedilloti ab. *immaculicollis* Guignot, 1959b:158 (orig. descr., Zaire; infrasubspecific).
Canthydrus sedilloti sedilloti Régimbart, 1895: Medler 1980:153 (Nigeria).
Canthydrus (s. str.) *sedilloti* Régimbart, 1895: Nilsson 2005:107 (cat.).
Canthydrus (s. str.) *sedilloti* var. *gutticollis* Régimbart, 1895: Guignot 1960b:96 (Kenya, Tanzania, Zaire).
 DISTRIBUTION: (AF) Ethiopia, Ivory Coast, Kenya, Malawi, Nigeria, South Africa, Swaziland, Tanzania, Uganda, Zaire, Zambia, Zimbabwe.

sellatus Régimbart, 1895 AF

Canthydrus sellatus Régimbart, 1895b:122; TL: Madagascar >Ambidonandohalo lake; Holotype MNHN; DESCR.: Guignot 1959a:495.

Canthydrus sellatus Régimbart, 1895b:122 (orig. descr., Madagascar); Alluaud 1900:63 (Madagascar); Zimmermann 1920a:13 (Madagascar); Guignot 1959a:495 (Madagascar); Rocchi 1993:85 (Madagascar).
Canthydrus (s. str.) *sellatus* Régimbart, 1895: Nilsson 2005:108 (cat.).
 DISTRIBUTION: (AF) Madagascar.

semperi (Wehncke, 1876) OR

Hydrocanthus semperi Wehncke, 1876:223; TL: Philippines >Luzon; Lectotype in MNHN selected by Toledo 2010:217; DESCR.: Toledo 2010:217; N. COMB.: Sharp 1882a:275.

Hydrocanthus auritus Régimbart, 1877:LXXIX; TL: Philippines >Luzon >Manila; Syntypes MNHN; N. SYN.: Wehncke 1883:149.
Hydrocanthus auritus Régimbart, 1878b:359; TL: Philippines; Syntypes MNHN; preoccupied by Régimbart 1877:LXXIX; N. SYN.: Wehncke 1883:149.

Canthydrus semperi (Wehncke, 1876): Sharp 1882a:275 (Philippines); Branden 1885:18 (Philippines); Baer 1886:103 (Philippines); Régimbart 1899a:247 (Philippines); Zimmermann 1920a:13 (Philippines); Vazirani 1977a:8 (Philippines); Hua 2002:34 (! Taiwan); Toledo 2010:217 (Philippines, Sulawesi, Sumatra).
Canthydrus (s. str.) *semperi* (Wehncke, 1876): Nilsson 2005:108 (cat.).
Hydrocanthus auritus Régimbart, 1877:LXXIX (orig. descr., Philippines); 1878b:359 (second descr., Philippines).
Hydrocanthus semperi Wehncke, 1876:223 (orig. descr., Philippines).
 DISTRIBUTION: (OR) Indonesia (Sulawesi, Sumatra), Philippines.

sepulcralis Guignot, 1956 AF

Canthydrus sepulcralis Guignot, 1956c:51; TL: Zaire >Tumba lake >Bikoro territory >Ehoba bog; Holotype MRAC.

Canthydrus sepulcralis Guignot, 1956c:51 (orig. descr., Zaire).
Canthydrus (s. str.) *sepulcralis* Guignot, 1956: Nilsson 2005:108 (cat.).
DISTRIBUTION: (AF) Zaire.

serialis Fauvel, 1883 AU

Canthydrus serialis Fauvel, 1883:336; TL: New Caledonia >Nouméa >Vata wetland; Lectotype in MNHN selected by Toledo 2010:220; DESCR.: Toledo 2010:220.

Canthydrus serialis Fauvel, 1883:336 (orig. descr., New Caledonia); 1903:245 (New Caledonia); Zimmermann 1920a:13 (New Caledonia); J. Balfour-Browne 1939c:463 (Banks Islands, New Hebrides); Guignot 1939:181 (Banks Islands, New Caledonia, New Hebrides); 1956b:51 (New Caledonia, Papua New Guinea); Toledo 2010:220 (Guadalcanal, New Caledonia, New Guinea, Vanuatu).
Canthydrus (s. str.) *serialis* Fauvel, 1883: Nilsson 2005:108 (cat.).
DISTRIBUTION: (AU) New Caledonia, Papua New Guinea, Solomon Islands (Guadalcanal), Vanuatu.

testaceus (Boheman, 1858) PL

Hydrocanthus testaceus Boheman, 1858:19; TL: China; Syntypes NHRS; N. COMB.: Branden 1885:19.

Canthydrus testaceus (Boheman, 1858): Branden 1885:18 (China); Zimmermann 1920a:14 (China); Nilsson 1995:40 (China); Hua 2002:34 (China); Nilsson 2003:34 (China); Toledo 2003:78 (China, ? syn. *ritsemae*).
Canthydrus (s. str.) *testaceus* (Boheman, 1858): Nilsson 2005:108 (cat.).
Hydrocanthus testaceus Boheman, 1858:19 (orig. descr., China); Gemminger & Harold 1868:444 (China).
DISTRIBUTION: (PL) China.

ugandae J.Balfour-Browne, 1939 AF

Canthydrus ugandae J.Balfour-Browne, 1939b:478; TL: Uganda >Kachira lake, Kampala, Kijanebalola lake, Nakavali lake; Syntypes BMNH; DESCR.: Guignot 1959a:495.

Canthydrus ugandae J.Balfour-Browne, 1939b:478 (orig. descr., Uganda); Guignot 1959a:495 (Uganda); 1959b:157 (Zaire); Bilardo & Pederzani 1978:117 (Gabon); Bilardo 1982:446 (Cameroon); Bilardo & Rocchi 1990:175 (Gabon).
Canthydrus (s. str.) *ugandae* J.Balfour-Browne, 1939: Bilardo & Rocchi 2002:155 (Gabon); Nilsson 2005:108 (cat.).
DISTRIBUTION: (AF) Cameroon, Gabon, Uganda, Zaire.

verbekei Guignot, 1959 AF

Canthydrus verbekei Guignot, 1959b:156; TL: Zaire >Lake Albert NP >Kasenye; Holotype MRAC.

Canthydrus verbekei Guignot, 1959b:156 (orig. descr., Zaire).
Canthydrus (s. str.) *verbekei* Guignot, 1959: Nilsson 2005:109 (cat.).
DISTRIBUTION: (AF) Zaire.

weisei (Wehncke, 1876) OR

Hydrocanthus weisei Wehncke, 1876:222; TL: Vietnam (Cochinchina); Lectotype in MNHN selected by Toledo 2008:66; DESCR.: Régimbart 1899a:251; N. COMB.: Sharp 1882a:277.

Canthydrus weisei (Wehncke, 1876): Sharp 1882a:277 (Cochin China); Branden 1885:18 (Cochinchina); Régimbart 1899a:251 (Cochinchine); 1903a:333 (India); Zimmermann 1920a:14 (Cochinchina); Vazirani 1970b:442 (India); 1977a:8 (India, Vietnam); Toledo 2008:66 (lect.).
Canthydrus (s. str.) *weisei* (Wehncke, 1876): Nilsson 2005:109 (cat.).
Hydrocanthus weisei Wehncke, 1876:222 (orig. descr., Cochinchina).
DISTRIBUTION: (OR) India, Vietnam.

xanthinus Régimbart, 1895 AF

Canthydrus xanthinus Régimbart, 1895b:127; TL: Mali >Badoumbé, Khayes <Somalia >Basso Ganana; Syntypes MNHN; DESCR.: Guignot 1959a:488.

Canthydrus xanthinus Régimbart, 1895c:188; TL: Mali >Badoumbe <<Somalia >Gourar Ganana >betw. Lugh & Bardera; Syntypes MNHN; preoccupied by Régimbart 1895b:127; N. SYN.: Zimmermann 1920a:14.

Canthydrus xanthinus graciosus Guignot, 1948d:163; TL: Mali >Diafarabé; Holotype MNHN; N. SYN.: Guignot 1955f:864.

Canthydrus xanthinus Régimbart, 1895 (misspell.): Medler 1980:153 (Nigeria).
Canthydrus xanthinus Régimbart, 1895b:127 (orig. descr., Mali, Somalia); 1895c:188 (2nd descr., Mali, Somalia); Sharp 1904:2 (Sudan); Kolbe 1897:81 (Somalia); Zimmermann 1920a:14 (Senegal); 1926:20 (Tanzania); Guignot 1936a:43 (Kenya, Uganda); 1943:96 (Burkina Faso, Mali); 1952:520 (Benin); Guignot 1955e:182 (Zaire); 1955f:864 (Benin, Mali, Mauritania, Senegal, Sudan, Uganda); 1956a:218 (Benin, Mali, Senegal, Sudan, Uganda, Zaire); 1959a:488 (Benin, Mali, Mauritania, Senegal, Sudan, Uganda, Zaire); J. Balfour-Browne 1947a:133 (Kenya, Mali, Senegal, Sudan, Uganda); Legros 1958:210 (Benin, Burkina Faso, Guinea, Kenya, Mali, Senegal, Somalia, Uganda, Zaire); Bruneau de Miré & Legros 1963:840 (Chad, Zaire); Bilardo & Pederzani 1978:117 (Ivory Coast); Pederzani & Rocchi 1982:71 (Congo); Bilardo & Rocchi 1990:175 (Gabon); Reintjes 2004:49 (Ivory Coast); Vondel 2004:40 (Gambia).
Canthydrus xanthinus var. *graciosus* Guignot, 1948: Guignot 1955f:864 (Mauritania).
Canthydrus xanthinus graciosus Guignot, 1948d:163 (orig. descr., Mali); 1956f:87 (Benin, Mali, Senegal, Sudan, Uganda).
Canthydrus (s. str.) *xanthinus* Régimbart, 1895: Nilsson 2005:109 (cat.).
DISTRIBUTION: (AF) Benin, Burkina Faso, Chad, Congo, Gabon, Gambia, Guinea, Ivory Coast, Kenya, Mali, Mauritania, Nigeria, Senegal, Somalia, Sudan, Tanzania, Uganda, Zaire.

Genus *Hydrocanthus* Say, 1823 AF AU NA NT OR PL (52 spp.)

Hydrocanthus Say, 1823:105; gender masculine; type species: *Hydrocanthus iricolor* Say, 1823:105 by monotypy; DESCR.: K.B.Miller 2009:210.

Hydrocanthus Say, 1823:105; gender masculine; type species: *Hydrocanthus iricolor* Say, 1823:105 by monotypy; DESCR.: K.B.Miller 2009:210.

Guignocanthus Young, 1985:91; gender masculine; type species: *Hydrocanthus ancus* Guignot, 1942c:45 by original designation; N. SYN.: K.B.Miller 2001:368.

Sternocanthus Guignot, 1948b:166, as subgenus of *Hydrocanthus*; gender masculine; type species: *Hydrocanthus micans* Wehncke, 1883:149 by monotypy; DESCR.: Guignot 1959a:508; N. SYN.: K.B.Miller 2009:210.

Allocanthus Guignot, 1948d:163 (nomen nudum).

acrobeles Guignot, 1953 AF

Hydrocanthus acrobeles Guignot, 1953c:3; TL: Zaire >Katanga >Upemba NP >Lusinga river; Holotype MRAC; DESCR.: Guignot 1959a:526.

Hydrocanthus (Sternocanthus) acrobeles Guignot, 1953c:3 (orig. descr., Zaire); 1954a:23 (Zaire); 1959a:526 (Zaire); Omer-Cooper 1965:75 (South Africa, Zaire); Bameul 1994:361 (South Africa, Zaire); Nilsson 2005:114 (cat.).

DISTRIBUTION: (AF) South Africa, Zaire.

adrasus Guignot, 1950 AF

Hydrocanthus adrasus Guignot, 1950b:26; TL: Guinea Bissau >Bafatá; Holotype MNHN; DESCR.: Guignot 1959a:513.

Hydrocanthus adrasus Guignot, 1950b:26 (orig. descr., Guinea Bissau, Ivory Coast, Sierra Leone); 1955b:1095 (Guinea); 1955e:182 (Zaire); Bilardo & Pederzani 1978:117 (Ivory Coast); Forge 1979:98 (Ivory Coast); Bilardo & Rocchi 1987:101 (Botswana); Rocchi 2000:13 (Botswana, Congo, Guinea, Guinea Bissau, Ivory Coast, Senegal, Sierra Leone, Zaire).

Hydrocanthus (Sternocanthus) adrasus Guignot, 1950: Guignot 1956a:218 (Guinea Bissau, Ivory Coast, Senegal, Sierra Leone); 1959a:513 (Guinea, Guinea Bissau, Ivory Coast, Sierra Leone, Zaire); Medler 1980:153 (Nigeria); Franciscolo & Sanfilippo 1986:28 (Guinea, Guinea Bissau, Ivory Coast, Sierra Leone, Zaire); 1990:144 (Sierra Leone); Bameul 1994:361 (Botswana, Guinea, Ivory Coast, Senegal, Sierra Leone, Zaire); Nilsson 2005:114 (cat.).

DISTRIBUTION: (AF) Botswana, Congo, Guinea, Guinea Bissau, Ivory Coast, Nigeria, Senegal, Sierra Leone, Zaire.

advena Sharp, 1882 NT

Hydrocanthus advena Sharp, 1882a:281; TL: Guadeloupe >Basse-Terre; Holotype IRSNB; DESCR.: Young 1985:96.

Hydrocanthus advena Sharp, 1882a:281 (orig. descr., Guadeloupe); Branden 1885:18 (Guadeloupe); Zimmermann 1920a:14 (Guadeloupe); 1928:170 (Guadeloupe); Blackwelder 1944:73 (Guadeloupe); Young 1979a:2 (? Guadeloupe).

Hydrocanthus iricolor Say, 1823 (misident.): Fleutiaux & Sallé 1890:370 (Guadeloupe); Spangler 1981:167 (Cuba).

Hydrocanthus (s. str.) *advena* Sharp, 1882: Young 1985:96 (? Cuba, Guadeloupe, Hispaniola, Puerto Rico, Trinidad); Nilsson 2005:110 (cat.).

DISTRIBUTION: (NT) Cuba, Guadeloupe, Hispaniola, Puerto Rico, Trinidad.

alter Guignot, 1959 AF

Hydrocanthus alter Guignot, 1959b:158; TL: Zaire >Lake Albert NP >Sabe; Holotype MRAC.

Hydrocanthus (Sternocanthus) alter Guignot, 1959b:158 (orig. descr., Zaire); Bameul 1994:361 (Zaire); Nilsson 2005:114 (cat.).

DISTRIBUTION: (AF) Zaire.

atripennis Say, 1830 NA NT

Hydrocanthus atripennis Say, 1830:33; TL: Mexico; Syntypes lost; DESCR.: Young 1985:96.

Hydrocanthus atripennis Say, 1834:447; TL: Mexico; Syntypes lost; preoccupied by Say 1830:33; N. SYN.: Nilsson 2005:110.

Hydrocanthus texanus Sharp, 1882a:280; TL: US >Texas; Syntypes BMNH; N. SYN.: Young 1985:97.

Hydrocanthus atricolor Say, 1830 (misspell.): White et al. 1985:361 (Indiana).

Hydrocanthus atripennis Say, 1830:33 (orig. descr., Mexico); 1834:447 (second descr., Mexico); Gemminger & Harold 1868:444 (North America); Sharp 1882b:7 (in part, Mexico); Branden 1885:18 (in part, Mexico); Young 1979a:2 (Mexico).

Hydrocanthus texanus Sharp, 1882a:280 (orig. descr., Texas); 1882b:7 (Mexico, Texas); Branden 1885:19 (Texas); Leng & Mutchler 1918:77 (Florida); Zimmermann 1919:118; 1920a:15 (Mexico, Texas); 1928:169 (Mexico, Texas); Blackwelder 1944:74 (Mexico, US); Young 1979a:3 (Arkansas, Florida, Louisiana, Mexico, Texas); Turnbow & Smith 1983:439 (Georgia).

Hydrocanthus (s. str.) *atripennis* Say, 1830: Young 1985:96-97 (Arkansas, Carolinas, Florida, Illinois, Indiana, Louisiana, Mexico, Mississippi, Texas); Nilsson 2005:110 (cat.).

DISTRIBUTION: (NA) US (Arkansas, Florida, Georgia, Illinois, Indiana, Louisiana, Mississippi, North Carolina, South Carolina, Texas); (NT) Mexico.

australasiae Wehncke, 1876 AU

Hydrocanthus australasiae Wehncke, 1876:223; TL: Australia >Queensland >Rockhampton; LT: Toledo & Hendrich 2006:939 MNHN; DESCR.: Toledo & Hendrich 2006:939.

Hydrocanthus australasiae Wehncke, 1876:223 (orig. descr., Australia); Sharp 1882a:279 (Australia); Branden 1885:18 (Australia); Zimmermann 1919:118; 1920a:14 (Australia); Watts 1985:27 (Australia); Lawrence et al. 1987:327 (Northern Territory, Queensland); Larson 1997:273 (Queensland).

Hydrocanthus (Sternocanthus) australasiae Wehncke, 1876: Bameul 1994:362 (Australia); Nilsson 2005:114 (cat.); Toledo & Hendrich 2006:939 (Northern Territory, Queensland, Western Australia); Toledo 2010:226 (N Australia).

DISTRIBUTION: (AU) Australia (Northern Territory, Queensland, Western Australia).

***ancus* Guignot, 1942 NT**

Hydrocanthus ancus Guignot, 1942c:45; TL: French Guiana; Holotype MNHN; DESCR.: Young 1985:98.

Hydrocanthus ancus Guignot, 1942c:45 (orig. descr., French Guiana).

Hydrocanthus (Guignocanthus) ancus Guignot, 1942: Young 1985:98 (Bolivia, Brazil, Cayenne).

Hydrocanthus (s. str.) *ancus* Guignot, 1942: Guignot 1957b:5 (Bolivia, French Guiana); 1958b:38 (Brazil); 1961b:314 (Brazil); Nilsson 2005:110 (cat.).

DISTRIBUTION: (NT) Bolivia, Brazil, French Guiana.

***balkei* Toledo & Hendrich, 2006 AU**

Hydrocanthus balkei Toledo & Hendrich, 2006:937; TL: Indonesia >West New Guinea >Nabire >Paniai province >Bobo river; Holotype NMW.

Hydrocanthus (Sternocanthus) balkei Toledo & Hendrich, 2006:937 (orig. descr., West New Guinea); Toledo 2010:227 (West New Guinea).

DISTRIBUTION: (AU) Indonesia (West New Guinea).

***colini* Zimmermann, 1926 AF**

Hydrocanthus colini Zimmermann, 1926:22; TL: Senegal >Carabane >Cazamance river; Syntypes ZSM; DESCR.: Guignot 1959a:516.

Hydrocanthus colini Zimmermann, 1926:22 (orig. descr., Senegal); Gschwendtner 1935b:15 (Botswana); Guignot 1943:98 (Burkina Faso); 1956f:88 (Angola, Ivory Coast, Mali, Mozambique, Rhodesia, Senegal, Sierra Leone, Zaire); Legros 1958:210 (Burkina Faso, Guinea, Mali); Bilardo & Pederzani 1978:117 (Ivory Coast); Forge 1979:98 (Ivory Coast); Rocchi 2000:13 (Angola, Burkina Faso, Guinea, Guinea Bissau, Ivory Coast, Mali, Mozambique, Senegal, Sierra Leone, Zaire, Zimbabwe).

Hydrocanthus colinii Zimmermann, 1926 (misspell.): Brivio 1959:372 (Guinea Bissau).

Hydrocanthus (Sternocanthus) colini Zimmermann, 1926: Guignot 1956a:219 (Angola, Ivory Coast, Mali, Mozambique, Rhodesia, Senegal, Sierra Leone, Zaire); 1959a:516 (Angola, Ivory Coast, Mali, Mozambique, Rhodesia, Senegal, Sierra Leone, Zaire); Ferreira 1967:535 (Angola); Bameul 1994:362 (Angola, Central African Republic, Ivory Coast, Mozambique, Rhodesia, Senegal, Sierra Leone, Zaire); Nilsson 2005:115 (cat.).

DISTRIBUTION: (AF) Angola, Botswana, Burkina Faso, Central African Republic, Guinea, Guinea Bissau, Ivory Coast, Mali, Mozambique, Senegal, Sierra Leone, Zaire, Zimbabwe.

***congoanus* Gschwendtner, 1930 AF**

Hydrocanthus congoanus Gschwendtner, 1930a:85; TL: Zaire >Kondué; Holotype OLML; DESCR.: Guignot 1959a:520.

Hydrocanthus congoanus Gschwendtner, 1930a:85 (orig. descr., Zaire); Guignot 1954a:22 (Zaire); 1955e:182 (Zaire).

Hydrocanthus (Sternocanthus) congoanus Gschwendtner, 1930: Guignot 1959a:520 (Zaire); Bameul 1994:362 (Zaire); Nilsson 2005:115 (cat.).

DISTRIBUTION: (AF) Zaire.

***congrex* Guignot, 1959 AF**

Hydrocanthus congrex Guignot, 1959c:230; TL: Zaire >Katanga >Lubumbashi (Elisabethville); Holotype MRAC.

Hydrocanthus (Sternocanthus) congrex Guignot, 1959c:230 (orig. descr., Zaire); Bameul 1994:362 (Zaire); Nilsson 2005:115 (cat.).

DISTRIBUTION: (AF) Zaire.

***consimilis* Gschwendtner, 1938 AF**

Hydrocanthus consimilis Gschwendtner, 1938a:4; TL: Zaire >Orientale province >Monga; LT: Guignot 1959a:516 MRAC; DESCR.: Guignot 1959a:515.

Hydrocanthus consimilis Gschwendtner, 1938a:4 (orig. descr., Rwanda & Zaire); 1938b:337 (Zaire); Guignot 1955e:182 (Zaire).

Hydrocanthus (Sternocanthus) consimilis Gschwendtner, 1938: Guignot 1954a:22 (Zaire); 1959a:515 (Zaire); 1959b:160 (Zaire); Medler 1980:153 (Nigeria); Nilsson 2005:115 (cat.).

DISTRIBUTION: (AF) Nigeria, Rwanda, Zaire.

***constrictus* Régimbart, 1895 AF**

Hydrocanthus constrictus Régimbart, 1895b:130; TL: Madagascar >Antsianaka; Syntypes MNHN; DESCR.: Guignot 1959a:513.

Hydrocanthus constrictus Régimbart, 1895b:130 (orig. descr., Madagascar); 1903b:14 (Madagascar); 1906:247 (Kenya, Madagascar); Alluaud 1900:63 (Madagascar); Zimmermann 1920a:14 (Madagascar, East Africa); 1926:21 (Madagascar, Tanzania); Gschwendtner 1930a:84 (Zaire); 1930b:221 (Zaire); Pederzani 1988:107 (Zambia); Rocchi 1993:85 (Madagascar).

Hydrocanthus (Sternocanthus) constrictus Régimbart, 1895: Omer-Cooper 1957a:369 (Madagascar, Malawi, South Africa, Tanzania, Zaire, Zimbabwe); 1965:74 (Madagascar, Malawi, South Africa, Sudan, Tanzania, Zaire, Zimbabwe); Guignot 1959b:159 (Zaire); 1959a:513 (Madagascar, Sudan, Zaire); 1961a:238 (Madagascar, Senegal); Bameul 1994:362 (Madagascar, Senegal, East and Central Africa); Nilsson 2005:115 (cat.).

DISTRIBUTION: (AF) Kenya, Madagascar, Malawi, Senegal, South Africa, Sudan, Tanzania, Zaire, Zambia, Zimbabwe.

***debilis* Sharp, 1882 NA NT**

Hydrocanthus debilis Sharp, 1882a:281; TL: Brazil >Amazon's Valley, Bahia; Syntypes BMNH; DESCR.: Young 1985:98.
Hydrocanthus finitimus Guignot, 1942c:45; TL: French Guiana; Holotype MNHN; N. SYN.: Young 1985:98.

Hydrocanthus debilis Sharp, 1882a:281 (orig. descr., Brazil); Sharp 1882b:8 (Brazil, Guatemala, Mexico, Panama); Branden 1885:18 (South America); Régimbart 1889b:263 (Brazil); 1895a:343 (Brazil); 1904b:225 (French Guiana, Venezuela); Meinert 1901:413 (Venezuela); Zimmermann 1919:118 (Argentina, Paraguay); 1920a:14 (Central America, South America); 1920b:225 (Suriname); 1921:206 (Brazil); 1924:1 (Brazil); 1925a:1 (Colombia, Paraguay); 1928:167 (Brazil, Paraguay); Blackwelder 1944:73 (Argentina, Brazil, Colombia, Guatemala, Mexico, Panama, Paraguay); Young 1979a:2 (Central America, Mexico, Texas, Panama); Ferreira et al. 1998:133 (Brazil); Benetti & Hamada 2003:704 (Brazil).

Hydrocanthus finitimus Guignot, 1942c:45 (orig. descr., Brazil, French Guiana); Guignot 1956h:396 (Paraguay); 1957b:5 (Bolivia); Spangler 1966:387 (Brazil, French Guiana, ? Peru).

Hydrocanthus (s. str.) *debilis* Sharp, 1882: Young 1985:98 (Paraguay, Texas); Guignot 1957b:5 (Bolivia); Nilsson 2005:111 (cat.).

Hydrocanthus (s. str.) *finitimus* Guignot, 1942: Guignot 1957b:5 (Bolivia, Brazil, French Guiana, Paraguay, Venezuela).

DISTRIBUTION: (NA) US (Texas); (NT) Argentina, Bolivia, Brazil, Colombia, French Guiana, Guatemala, Mexico, Panama, Paraguay, ? Peru, Suriname, Venezuela.

***delphinus* Guignot, 1942 AF**

Hydrocanthus delphinus Guignot, 1942c:44; TL: Madagascar >Antananarivo (Tananarive); Holotype MNHN; DESCR.: Guignot 1959a:523.

Hydrocanthus delphinus Guignot, 1942c:44 (orig. descr., Madagascar); Rocchi 1993:85 (Madagascar).

Hydrocanthus (*Sternocanthus*) *delphinus* Guignot, 1942: Guignot 1959a:523 (Madagascar); Bameul 1994:362 (Madagascar); Nilsson 2005:116 (cat.).

DISTRIBUTION: (AF) Madagascar.

***fabiennae* Bameul, 1994 AF**

Hydrocanthus fabiennae Bameul, 1994:357; TL: Madagascar >Majunga province >Ambohimantatra; Holotype MNHN.

Hydrocanthus (*Sternocanthus*) *fabiennae* Bameul, 1994:357 (orig. descr., Madagascar); Nilsson 2005:116 (cat.).

DISTRIBUTION: (AF) Madagascar.

***fasciatus* Steinheil, 1869 NT**

Hydrocanthus fasciatus Steinheil, 1869:250; TL: Argentina >Buenos Aires; Syntypes MNHN.

Hydrocanthus fasciatus Steinheil, 1869:250 (orig. descr., Argentina); Branden 1885:18 (Argentina); Zimmermann 1920a:14 (Argentina); Blackwelder 1944:73 (Argentina).

Hydrocanthus (s. str.) *fasciatus* Steinheil, 1869: Nilsson 2005:111 (cat.).

DISTRIBUTION: (NT) Argentina.

***ferruginicollis* Régimbart, 1895 AF**

Hydrocanthus ferruginicollis Régimbart, 1895b:128; TL: Somalia >Basso Ganana; Syntypes MNHN; DESCR.: Guignot 1959a:518.

Hydrocanthus ferruginicollis Régimbart, 1895c:189; TL: Somalia >Gourar Ganana >betw. Luuq (Lugh) & Baardheere (Bardera); Syntypes MNHN; preoccupied by Régimbart 1895b:128; N. SYN.: Zimmermann 1920a:14.

Hydrocanthus ferruginicollis Régimbart, 1895b:128 (orig. descr., Somalia); 1895c:189 (second descr., Somalia); 1906:247 (Kenya); Kolbe 1897:81 (Ethiopia); Zimmermann 1920a:14 (East Africa); 1926:22 (Somalia, Tanzania, Zimbabwe); Gschwendtner 1935b:15 (Botswana); Guignot 1953b:234 (Zaire); Omer-Cooper 1956:21 (Mozambique); Rocchi 1975:47 (Somalia); 1990:442 (Kenya).

Hydrocanthus (*Sternocanthus*) *ferruginicollis* Régimbart, 1895: Omer-Cooper 1957a:370 (Kenya, Somalia, Tanzania, Uganda, Zimbabwe); 1965:74 (Botswana, Ethiopia, Mozambique, Somalia, South Africa, Zaire, Zimbabwe); Guignot 1959a:518 (Kenya, Mozambique, Rhodesia, Somalia, Tanzania, Zaire); Bilardo & Rocchi 1987:101 (Botswana); Bameul 1994:362 (Botswana, Rhodesia, South Africa, Zaire, East Africa); Nilsson 2005:116 (cat.).

DISTRIBUTION: (AF) Botswana, Ethiopia, Kenya, Mozambique, Somalia, South Africa, Tanzania, Uganda, Zaire, Zimbabwe.

***funebri* Fairmaire, 1869 AF**

Hydrocanthus funebri Fairmaire, 1869:187; TL: Madagascar; Syntypes MNHN; DESCR.: Guignot 1959a:521.

Hydrocanthus funebri Fairmaire, 1869:187 (orig. descr., Madagascar); Sharp 1882a:281 (Madagascar); Kolbe 1883:400 (Madagascar); Branden 1885:18 (Madagascar); Régimbart 1895b:129 (Madagascar); Alluaud 1900:63 (Madagascar); Zimmermann 1919:118 (Madagascar); 1920a:15 (Madagascar); 1926:22 (Madagascar); Omer-Cooper 1956:21 (Mozambique); Rocchi 1993:86 (Madagascar).

Hydrocanthus (*Sternocanthus*) *funebri* Fairmaire, 1869: Guignot 1959a:521 (Madagascar); Omer-Cooper 1965:75 (Madagascar, Mozambique, Tanzania); Bameul 1984:90 (Madagascar); Rocchi 1993:79 (Madagascar); Bameul 1994:362 (Madagascar, Mozambique, Tanzania); Nilsson 2005:116 (cat.).

DISTRIBUTION: (AF) Madagascar, Mozambique, Tanzania.

***gracilis* H.J.Kolbe, 1883 AF**

Hydrocanthus gracilis H.J.Kolbe, 1883:400; TL: Madagascar >S inner part; Syntypes ZMHB; DESCR.: Guignot 1959a:515.

Hydrocanthus funebri var. *gracilis* H.J.Kolbe, 1883: Alluaud 1900:63 (Madagascar).

Hydrocanthus gracilis H.J.Kolbe, 1883:400 (orig. descr., Madagascar); Branden 1885:18 (Madagascar); Régimbart 1895b:129 (Madagascar); Zimmermann 1920a:15 (Madagascar); 1926:21 (Madagascar); 1927c:32 (Madagascar); Rocchi 1993:86 (Madagascar).

Hydrocanthus (Sternocanthus) gracilis H.J.Kolbe, 1883: Guignot 1959a:515 (Madagascar); Bameul 1984:90 (Madagascar); 1994:362 (Madagascar); Nilsson 2005:116 (cat.).

DISTRIBUTION: (AF) Madagascar.

grandis (Laporte, 1835) AF

Noterus grandis Laporte, 1835:105; TL: Senegal; Syntypes MNHN; DESCR.: Guignot 1959a:519; N. COMB.: Aubé 1837:206.

Hydrocanthus grandis (Laporte, 1835): Aubé 1837:206 (Senegal); 1838:404 (Senegal); Gemminger & Harold 1868:444 (Senegal); Sharp 1882a:282 (Gabon, Senegal); 1904:3 (Sudan); Branden 1885:18 (Gabon, Senegal); Régimbart 1895b:128 (Benin, Nigeria, Senegal); Zimmermann 1920a:15 (Senegal); 1926:23 (Benin, Ghana, Nigeria, Senegal, Tanzania); Gschwendtner 1930a:86 (Zaire); 1930b:223 (Zaire); 1938a:5 (Zaire); 1938b:337 (Zaire); Guignot 1943:98 (Niger); 1956f:87 (Mali); Legros 1954:267 (Guinea); Omer-Cooper 1956:21 (Mozambique); Bruneau de Miré & Legros 1963:841 (Chad, Niger, Zimbabwe); Bilardo & Pederzani 1978:118 (Gabon, Ivory Coast); Bilardo 1982:446 (Cameroon); Pederzani & Rocchi 1982:71 (Congo); Rocchi 2000:14 (Guinea); Reintjes 2004:49 (Ivory Coast).
Hydrocanthus (Sternocanthus) grandis Laporte, 1835: Guignot 1952:521 (Benin); 1954a:22 (Zaire); 1955f:864 (Mauritania); 1956a:218 (Senegal); 1959a:519 (Zaire); Omer-Cooper 1957a:370 (Malawi, Niger, Senegal, Zaire, Zimbabwe); 1965:75 (Benin, Ivory Coast, Malawi, Mauritania, Mozambique, Nigeria, Senegal, Sudan, Tanzania, Zaire, Zimbabwe); Medler 1980:153 (Nigeria); Bilardo & Rocchi 1987:101 (Botswana); 1990:175 (Gabon); Bameul 1994:362 (Tropical Africa); Nilsson 2005:117 (cat.).

Noterus grandis Laporte, 1835:105 (orig. descr., Senegal).

DISTRIBUTION: (AF) Benin, Botswana, Cameroon, Chad, Congo, Gabon, Ghana, Guinea, Ivory Coast, Malawi, Mali, Mauritania, Mozambique, Niger, Nigeria, Senegal, Sudan, Tanzania, Zaire, Zimbabwe.

guignoti Young, 1985 NT

Hydrocanthus guignoti Young, 1985:95; TL: Brazil >Mato Grosso >Jacaré; Holotype FSCA.

Hydrocanthus debilis Sharp, 1882 (misident. vide Young 1985:95); Guignot 1957b:5 (Bolivia).

Hydrocanthus (Guignocanthus) guignoti Young, 1985:95 (orig. descr., Brazil).

Hydrocanthus (s. str.) *guignoti* Young, 1985: Nilsson 2005:111 (cat.).

DISTRIBUTION: (NT) Bolivia, Brazil.

impunctatus Gschwendtner, 1932 AF

Hydrocanthus impunctatus Gschwendtner, 1932b:54; TL: Zaire >Katanga >Kansenia; Syntypes MRAC; DESCR.: Guignot 1959a:526.

Hydrocanthus impunctatus Gschwendtner, 1932b:54 (orig. descr., Zaire); 1938a:5 (Zaire); Guignot 1936a:45 (Uganda); Bilardo & Pederzani 1978:118 (Gabon).

Hydrocanthus (Sternocanthus) impunctatus Gschwendtner, 1932: Guignot 1955g:29 (Ruanda); 1959a:526 (Ivory Coast, Tanzania, Uganda, Zaire); 1959b:160 (Zaire); Omer-Cooper 1957a:371 (Uganda, Zaire, Zimbabwe); Bilardo & Rocchi 1990:175 (Gabon); Bameul 1994:362 (Gabon, Ivory Coast, Rhodesia, Uganda, Zaire); Nilsson 2005:117 (cat.).

DISTRIBUTION: (AF) Gabon, Ivory Coast, Ruanda, Tanzania, Uganda, Zaire, Zimbabwe.

indicus Wehncke, 1876 OR PL

Hydrocanthus indicus Wehncke, 1876:223; TL: Vietnam (Cochinchina); LT: Toledo & Hendrich 2006:942 MNHN; DESCR.: Toledo & Hendrich 2006:941.

Hydrocanthus indicus Wehncke, 1876:223 (orig. descr., Cochinchina, India); Paulino de Oliveira 1880:152 (! Angola); Sharp 1882a:279 (Thailand, Vietnam); Branden 1885:18 (Cochinchina, Thailand); Régimbart 1888:609 (Burma); 1889a:150 (Cambodia, Cochinchine); 1889c:51 (Cochinchine, Sumatra); 1891:538 (Burma); 1899a:252 (Borneo, Burma, Cambodia, Cochinchine, Java, Sumatra, Thailand); 1900a:147 (Sumatra); 1904c:81 (Thailand); Zimmermann 1919:118 (Burma, Sumatra, Vietnam); 1920a:15 (Burma, Cochinchina, Java, Sumatra); 1927:10 (Bengal, Borneo, Burma, Cambodia, Java, Sumatra, Thailand, Vietnam); Vazirani 1977a:4 (Borneo, Burma, Cambodia, Java, Malaysia, Sumatra, Thailand, Vietnam); Rocchi 1976:179 (Bangla Desh); Balke et al. 1997:325 (Singapore); Hendrich et al. 2004:108 (Singapore).

Hydrocanthus (Sternocanthus) indicus Wehncke, 1876: Guignot 1956b:60 (Java); Bameul 1994:362 (India, Java, Sumatra, Southeast Asia); Toledo 2003:76 (Bangladesh, Borneo, Cambodia, Hong Kong, India, Java, Myanmar, Singapore, Sumatra, Sri Lanka, Vietnam); Nilsson 2005:117 (cat.); Toledo & Hendrich 2006:941 (Bangla Desh, Cambodia, Hong Kong, India, Laos, Indonesia, Malaysia, Myanmar, Singapore, Sri Lanka, Thailand, Vietnam); Toledo 2010:227 (Bangla Desh, Borneo, Cambodia, Hong Kong, India, Java, Laos, Malaysia, Myanmar, Siberut, Singapore, Sri Lanka, Sumatra, Thailand, Vietnam).

DISTRIBUTION: (OR) Bangla Desh, Cambodia, India, Laos, Indonesia (Java, Kalimantan, Siberut, Sumatra), Malaysia, Myanmar, Singapore, Sri Lanka, Thailand, Vietnam; (PL) China (Hong Kong).

insolitus Bilardo & Rocchi, 1987 AF

Hydrocanthus insolitus Bilardo & Rocchi, 1987:103; TL: Botswana >Chobe NP >Linyanti swamp; Holotype CAB.

Hydrocanthus insolitus Bilardo & Rocchi, 1987:103 (orig. descr., Botswana); Bameul 1994:362 (Botswana); Nilsson 2005:117 (cat.).

DISTRIBUTION: (AF) Botswana.

iricolor Say, 1823 NA

Hydrocanthus iricolor Say, 1823:105; TL: North America; Holotype lost; DESCR.: Young 1985:97.

Hydrocanthus similator Zimmermann, 1928:165; TL: US >California, Massachusetts; Syntypes ZSM; N. SYN.: Young 1985:97.

Hydrocanthus iricolor Say, 1823:105 (orig. descr., North America); Aubé 1838:405 (! Guadeloupe, US); Gemminger & Harold 1868:444 (North America); Crotch 1873:396 (Georgia, Louisiana, Pennsylvania); Sharp 1882a:280 (Massachusetts); Branden 1885:19 (North America); Leng & Beutenmuller 1893:186 (New Jersey, New York); Leng & Mutchler 1918:76 (Florida); Leng 1920:76 (Florida),

Michigan, New Jersey); Zimmermann 1920a:15 (North America); 1928:169 (Massachusetts); Blackwelder 1944:73 (in part, US); Folkerts 1978:347 (Alabama); Young 1979a:2 (? California, Kentucky, Massachusetts, North Carolina, South Carolina, Tennessee, Virginia); Turnbow & Smith 1983:439 (Georgia); Roughley 1991:62 (Ontario, Quebec); Hilsenhoff 1992:68 (Wisconsin); Downie & Arnett 1996:268 (Indiana, Maryland, Massachusetts, Michigan, New York, Ohio, Pennsylvania, South Carolina, Tennessee, Virginia); Chapman 1998:46 (Ohio); Whiteman & Sites 2003:225 (Missouri).

Hydrocanthus iricolor Say, 1823: Zimmermann 1919:118 (misspell., North America).

Hydrocanthus simulator Zimmermann, 1928:165 (orig. descr., California, Massachusetts).

Hydrocanthus (s. str.) *iricolor* Say, 1823: Young 1985:97 (? California, Georgia, Indiana, Maine, Michigan, North Carolina, Ohio, Ontario, South Carolina, Virginia); Nilsson 2005:111 (cat.).

Noterus oblongus Dejean, 1833:56 (nomen nudum; Amer. bor.); Aubé 1838:405 (syn.).

DISTRIBUTION: (NA) Canada (Ontario, Quebec), US (Alabama, ? California, Florida, Georgia, Indiana, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Missouri, New Jersey, New York, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Virginia, Wisconsin).

klarae Gschwendtner, 1930 AF

Hydrocanthus klarae Gschwendtner, 1930a:86; TL: Zaire >Kasai-Occidental >Yamba (Luluabourg) <Uele river>upper part >Mauda, Sandoa, Yebo; Syntypes MRAC; DESCR.: Guignot 1959a:511.

Hydrocanthus klarae Gschwendtner, 1930a:86 (orig. descr., Zaire); 1930b:223 (Zaire); 1938b:337 (Zaire); Omer-Cooper 1957b:7 (South Africa, Zaire); Bilardo & Pederzani 1978:117 (Gabon); Pederzani & Rocchi 1982:71 (Congo).

Hydrocanthus (*Sternocanthus*) *klarae* Gschwendtner, 1930: Guignot 1953d:145 (Zaire); 1959a:511 (Equatorial Guinea, Zaire); Omer-Cooper 1957a:369 (Malawi, South Africa, Zaire); 1965:74 (Equatorial Guinea, Malawi, Mozambique, South Africa, Zaire); Bilardo & Rocchi 1990:175 (Gabon); Franciscolo & Sanfilippo 1990:144 (Congo, Equatorial Guinea, Gabon, Malawi, Sierra Leone, South Africa, Zaire, Zimbabwe); Bameul 1994:362 (Congo, Gabon, ! Guinea, Malawi, Mozambique, Sierra Leone, South Africa, Zaire); Nilsson 2005:117 (cat.).

DISTRIBUTION: (AF) Congo, Equatorial Guinea, Gabon, Malawi, Mozambique, Sierra Leone, South Africa, Zaire, Zimbabwe.

leleupi Guignot, 1955 AF

Hydrocanthus leleupi Guignot, 1955c:192; TL: Zaire >Uvira territory >Basse Ruzizi >Nyangara fen; Holotype MRAC.

Hydrocanthus leleupi Guignot, 1955c:192 (orig. descr., Zaire); 1959b:160 (Zaire).

Hydrocanthus (*Sternocanthus*) *leleupi* Guignot, 1955: Bameul 1994:362 (Zaire); Nilsson 2005:118 (cat.).

DISTRIBUTION: (AF) Zaire.

levigatus (Brullé, 1837) NT

Noterus levigatus Brullé, 1837:50; TL: Argentina >Paraná river >betw. Buenos Aires & Corrientes; Syntypes MNHN; DESCR.: Sharp 1882a:280; N. COMB.: Aubé 1838:406.

Hydrocanthus dispar Guignot, 1942c:46; TL: Paraguay; Holotype MNHN; N. SYN.: Guignot 1950a:97.

Hydrocanthus dispar Guignot, 1942c:46 (orig. descr., Paraguay).

Hydrocanthus laevigatus (Brullé, 1837) (misspell.): Aubé 1838:406 (Brazil); Gemminger & Harold 1868:444 (Parana); Steinheil 1869:250 (Argentina); Sharp 1878b:117 (Brazil); 1882a:280 (Brazil, Venezuela); 1882b:7 (Panama); Branden 1885:19 (South America); Régimbart 1903c:65 (Argentina, Brazil); Zimmermann 1919:118 (Argentina, Brazil, Guadeloupe, Paraguay); Zimmermann 1920a:15 (South America); 1920b:224 (Suriname); 1925a:1 (Argentina, Paraguay); 1928:167 (Paraguay); Blackwelder 1944:73 (Argentina, Brazil, Chaco, Panama, Paraguay, Venezuela); Young 1979a:2 (Panama, South America); Ellenrieder & Fernández 2000:35 (Argentina).

Hydrocanthus (s. str.) *laevigatus* (Brullé, 1837) (misspell.): Guignot 1957b:6 (Argentina, Brazil, Suriname, Uruguay).

Hydrocanthus (s. str.) *levigatus* (Brullé, 1837): Nilsson 2005:112 (cat.).

Noterus levigatus Brullé, 1837:50 (orig. descr., Argentina).

DISTRIBUTION: (NT) Argentina, Brazil, Guadeloupe, Panama, Paraguay, Suriname, Uruguay, Venezuela.

marmoratus Sharp, 1882 NT

Hydrocanthus marmoratus Sharp, 1882b:8; TL: Guatemala >Escuintla district >Paso Antonio; Syntypes BMNH; DESCR.: Young 1985:96.

Hydrocanthus marmoratus Sharp, 1882b:8 (orig. descr., Guatemala); Branden 1885:19 (Guatemala); Zimmermann 1920a:15 (Guatemala); 1928:170 (Guatemala); Blackwelder 1944:74 (Guatemala); Young 1979a:2 (Central America, Mexico).

Hydrocanthus (s. str.) *marmoratus* Sharp, 1882: Young 1985:96 (Mexico, Panama); Nilsson 2005:112 (cat.).

DISTRIBUTION: (NT) Guatemala, Mexico, Panama.

micans Wehncke, 1883 AF

Hydrocanthus micans Wehncke, 1883:149; TL: Ivory Coast (Ghana) >Addah; Syntypes MNHN; DESCR.: Guignot 1959a:511.

Hydrocanthus ruficollis Gschwendtner, 1930a:84; TL: Zaire >Katanga >Lubumbashi (Elisabethville); Holotype MRAC; N. SYN.: Omer-Cooper 1965:73.

Hydrocanthus micans Wehncke, 1883:149 (orig. descr., Ivory Coast); Branden 1885:19 (West Africa); Régimbart 1889c:51 (Angola, Benin); 1895b:128 (Angola, Benin, Congo, Gabon, Senegal, Sierra Leone, Zaire, Zimbabwe); Zimmermann 1919:118 (Zimbabwe); 1920a:15 (South Africa, West Africa); 1926:21 (Sudan, Tanzania); Peschet 1922:374 (Kenya); 1925:30 (Angola, Congo, Gabon, Ivory Coast, Loango, Senegal, Sierra Leone, Zambèze); Gschwendtner 1930a:83 (Zaire); 1935b:15 (Botswana); 1938b:337 (Zaire); Guignot 1936a:45 (Uganda); 1941:18 (Guinea Bissau); 1943:98 (Burkina Faso); 1953b:234 (Zaire); 1956f:87 (Mali); Omer-Cooper 1956:21 (Mozambique); Legros 1958:210 (Burkina Faso, Congo, Ghana, Guinea, Guinea Bissau, Mali, Senegal, Tanzania, Uganda); Brivio 1959:372 (Guinea Bissau); Bilardo & Pederzani 1978:117 (Gabon, Ivory Coast); Forge 1979:98 (Ivory Coast); Pederzani & Rocchi 1982:71 (Congo); Pederzani 1988:107 (Zambia); Rocchi 2000:13 (Guinea); Reintjes 2004:49 (Ivory Coast); Vondel 2004:40 (Gambia).

Hydrocanthus ruficollis Gschwendtner, 1930:84 (orig. descr., Zaire); J. Balfour-Browne 1950:359 (Angola, Mozambique, Zaire, Zambia).

Hydrocanthus (Sternocanthus) micans Wehncke, 1883: Guignot 1952:521 (Benin); 1954a:22 (Zaire); 1956a:218 (Senegal); 1959a:511 (Zaire); Omer-Cooper 1957a:368 (Botswana, Ghana, Malawi, Mozambique, South Africa, Sudan, Tanzania, Uganda, Zaire, Zimbabwe); 1965:73 (Benin, Botswana, Gabon, Ghana, Guinea, Guinea Bissau, Ivory Coast, Kenya, Malawi, Mali, Mozambique, Senegal, Sierra Leone, South Africa, Tanzania, Uganda, Zaire, Zambia, Zanzibar, Zimbabwe); Medler 1980:153 (Nigeria); Bilardo & Rocchi 1987:101 (Botswana); 1990:175 (Gabon); 2002:155 (Gabon); Bameul 1994:362 (Tropical Africa); Nilsson 2005:118 (cat.).
DISTRIBUTION: (AF) Angola, Benin, Botswana, Burkina Faso, Congo, Gabon, Gambia, Ghana, Guinea, Guinea Bissau, Ivory Coast, Kenya, Malawi, Mali, Mozambique, Nigeria, Senegal, Sierra Leone, South Africa, Sudan, Tanzania, Uganda, Zaire, Zambia, Zimbabwe.

***mocquerysi* Régimbart, 1895 AF**

Hydrocanthus mocquerysi Régimbart, 1895:129; TL: Gabon >Cristal Mts., Rio San Benito <<Zaire, Boma; Syntypes MNHN; DESCR.: Guignot 1959a:518.

Hydrocanthus mocquerysi Régimbart, 1895b:129 (orig. descr., Gabon, Zaire); Zimmermann 1920a:15 ('Congo'); 1926:20 (Tanzania); Gschwendtner 1930a:84 (Zaire); 1930b:221 (Zaire); 1938b:337 (Zaire); Guignot 1956f:88 (Congo, Gabon, Mali, Zaire); Bruneau de Miré & Legros 1963:841 (Chad, Gabon); Bilardo & Pederzani 1978:117 (Gabon); Vondel 2004:40 (Gambia).

Hydrocanthus (Sternocanthus) mocquerysi Régimbart, 1895: Omer-Cooper 1957a:370 (Malawi, Mozambique, Zaire, Zimbabwe); Guignot 1959a:518 (Congo, Gabon, Sudan, Zaire); Bilardo & Rocchi 1987:101 (Botswana); 1990:175 (Gabon); Bameul 1994:362 (Botswana, Chad, Congo, Gabon, Malawi, Mozambique, Rhodesia, Senegal, Zaire); Nilsson 2005:118 (cat.).
DISTRIBUTION: (AF) Botswana, Chad, Congo, Gabon, Gambia, Malawi, Mali, Mozambique, Senegal, Sudan, Tanzania, Zaire, Zimbabwe.

***oblongus* Sharp, 1882 NA NT**

Hydrocanthus oblongus Sharp, 1882a:280; TL: North America; Syntypes BMNH; DESCR.: Young 1985:97.

Hydrocanthus oblongus Sharp, 1882a:280 (orig. descr., North America); Branden 1885:19 (North America); Leng & Mutchler 1918:76 (Florida); Zimmermann 1919:118 (North America); 1920a:15 (North America); 1928:169 (South US); Young 1954:128 (Alabama, Bahamas, Cuba, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina); 1979a:3 (Alabama, Delaware, Florida, New Jersey, Pennsylvania, Virginia); Folkerts 1978:347 (Alabama); Spangler 1981:167 (Cuba); Turnbow & Smith 1983:439 (Georgia); Downie & Arnett 1996:268 (Alabama, Florida, Georgia, Maryland, New Jersey, North Carolina, South Carolina, Virginia).

Hydrocanthus (s. str.) *oblongus* Sharp, 1882: Young 1985:97 (Bahamas, Carolinas, Cuba, Texas); Nilsson 2005:112 (cat.).
DISTRIBUTION: (NA) US (Alabama, Delaware, Florida, Georgia, Louisiana, Maryland, Mississippi, New Jersey, North Carolina, Pennsylvania, South Carolina, Virginia); (NT) Bahamas, Cuba.

***occidentalis* Young, 1985 NT**

Hydrocanthus occidentalis Young, 1985:94; TL: Mexico >Nayarit >Tepic; Holotype CAS.

Hydrocanthus (s. str.) *occidentalis* Young, 1985:94 (orig. descr., Mexico); Nilsson 2005:112 (cat.).
DISTRIBUTION: (NT) Mexico.

***pallisteri* Young, 1985 NT**

Hydrocanthus pallisteri Young, 1985:91; TL: Mexico >Mexico City >Xochimilco; Holotype AMNH.

Hydrocanthus (s. str.) *pallisteri* Young, 1985:91 (orig. descr., Mexico); Nilsson 2005:112 (cat.).
DISTRIBUTION: (NT) Mexico.

***paludicola* Guignot, 1951 AF**

Hydrocanthus paludicola Guignot, 1951c:79; TL: Zaire >Tshikay >Luibi fen >Banana; Holotype MRAC; DESCR.: Guignot 1959a:525.

Hydrocanthus (Sternocanthus) paludicola Guignot, 1951c:79 (orig. descr., Zaire); 1959a:525 (Zaire); Bameul 1994:362 (Zaire); Nilsson 2005:119 (cat.).
DISTRIBUTION: (AF) Zaire.

***paludimonstrus* K.B.Miller, 2001 NT**

Hydrocanthus paludimonstrus K.B.Miller, 2001:364; TL: Bolivia >Beni >3.4 km W San Borja; Holotype UASC.

Hydrocanthus (s. str.) *paludimonstrus* K.B.Miller, 2001:364 (orig. descr., Bolivia); Nilsson 2005:113 (cat.).
DISTRIBUTION: (NT) Bolivia.

***paraguayensis* Zimmermann, 1928 NT**

Hydrocanthus paraguayensis Zimmermann, 1928:166; TL: Paraguay >Apa river; Holotype ZSM; DESCR.: Young 1985:97.

Hydrocanthus paraguayensis Zimmermann, 1928:166 (orig. descr., Paraguay); Blackwelder 1944:74 (Paraguay); Ellenrieder & Fernández 2000:35 (Argentina).

Hydrocanthus (s. str.) *paraguayensis* Zimmermann, 1928: Guignot 1957b:6 (Paraguay); Young 1985:97 (? Brazil, Paraguay, Uruguay); Nilsson 2005:113 (cat.).
DISTRIBUTION: (NT) Argentina, ? Brazil, Paraguay, Uruguay.

***parvulus* Gschwendtner, 1930 AF**

Hydrocanthus parvulus Gschwendtner, 1930a:87; TL: Zaire >Kasai-Occidental province (Katanga) >Yamba (Luluabourg); Holotype MRAC; DESCR.: Guignot 1959a:510.

Hydrocanthus parvulus var. *insolens* Omer-Cooper, 1957a:369; TL: Malawi, Zimbabwe; Syntypes AMGS; N. SYN.: Nilsson 2005:119.

Hydrocanthus parvulus Gschwendtner, 1930a:87 (orig. descr., Zaire); 1930b:223 (Zaire); J. Balfour-Browne 1950:359 (Zaire, Zambia); Pederzani & Rocchi 1982:71 (Congo); Reintjes & Pederzani 2002:115 (Gabon, Ivory Coast, Nigeria); Reintjes 2004:51 (Ivory Coast).

Hydrocanthus parvulus Gschwendtner, 1930 (misspell.): Guignot 1955e:182 (Zaire).

Hydrocanthus (Sternocanthus) parvulus Gschwendtner, 1930: Guignot 1954a:22 (Zaire); 1959a:510 (Cameroon, Rhodesia, Zaire); Bertrand & Legros 1968:861 (Lesotho); Medler 1980:153 (Nigeria); Bameul 1994:362 (Cameroon, Congo, Malawi, Rhodesia, South Africa, Zaire); Nilsson 2005:119 (cat.).

Hydrocanthus (Sternocanthus) parvulus var. *insolens* Omer-Cooper, 1957a:369 (orig. descr., Malawi, Zimbabwe).

DISTRIBUTION: (AF) Cameroon, Congo, Gabon, Ivory Coast, Lesotho, Malawi, Nigeria, South Africa, Zaire, Zambia, Zimbabwe.

pederzani Toledo & Hendrich, 2006 AU

Hydrocanthus pederzani Toledo & Hendrich, 2006:938; TL: Australia >Queensland >Atherton Tableland >Mitchell Lake; Holotype ANIC.

Hydrocanthus (Sternocanthus) pederzani Toledo & Hendrich, 2006:938 (orig. descr., Queensland); Toledo 2010:227 (Northern Territory, Queensland).

DISTRIBUTION: (AU) Australia (Northern Territory, Queensland).

prolixus Sharp, 1904 AF

Hydrocanthus prolixus Sharp, 1904:3; TL: Sudan >Mount Agha (Gebel Ahmed Agha); Syntypes NHRS; DESCR.: Guignot 1959a:517.

Hydrocanthus prolixus Sharp, 1904:3 (orig. descr., Sudan); Zimmermann 1920a:15 (Nubia).

Hydrocanthus (Sternocanthus) prolixus Sharp, 1904: Guignot 1959a:517 (Sudan); Bameul 1994:362 (Sudan); Nilsson 2005:119 (cat.).

DISTRIBUTION: (AF) Sudan.

regius Young, 1953 NA

Hydrocanthus regius Young, 1953a:2; TL: US >Florida >Alachua County >Payne Prairie >Bivans Arm; Holotype UMMZ; DESCR.: Young 1985:97.

Hydrocanthus regius Young, 1953a:2 (orig. descr., Florida); 1954:129 (Florida, Georgia); 1979a:3 (Florida, Georgia); Turnbow & Smith 1983:439 (Georgia).

Hydrocanthus (s. str.) *regius* Young, 1953: Young 1985:96 (Florida, Georgia); Nilsson 2005:113 (cat.).

DISTRIBUTION: (NA) US (Florida, Georgia).

rubiginosus Guignot, 1942 NT

Hydrocanthus rubiginosus Guignot, 1942c:47; TL: French Guiana >Abonnenc; Holotype MNHN.

Hydrocanthus rubiginosus Guignot, 1942c:47 (orig. descr., French Guiana); Guignot 1957b:6 (French Guiana).

Hydrocanthus (s. str.) *rubiginosus* Guignot, 1942: Nilsson 2005:113 (cat.).

DISTRIBUTION: (NT) French Guiana.

secutor Guignot, 1955 AF

Hydrocanthus secutor Guignot, 1955h:4; TL: Zaire >Equateur province >Tshuapa >Bokuma; Holotype MRAC.

Hydrocanthus secutor Guignot, 1955h:4 (orig. descr., Zaire).

Hydrocanthus (Sternocanthus) secutor Guignot, 1955: Bameul 1994:362 (Zaire); Nilsson 2005:119 (cat.).

DISTRIBUTION: (AF) Zaire.

sharpi Zimmermann, 1928 NT

Hydrocanthus sharpi Zimmermann, 1928:169, by indication to *atripennis* Say sensu Sharp 1882a:280; TL: Argentina, Brazil, Paraguay; Syntypes BMNH; DESCR.: Young 1985:96.

Hydrocanthus atripennis Say, 1830 (misident.): Sharp 1882a:280 (Brazil); 1882b:7 (in part, Brazil); Branden 1885:18 (in part, Brazil); Régimbart 1903c:65 (Argentina, Brazil, Paraguay, Uruguay); Zimmermann 1919:118 (Argentina, Paraguay); 1920a:14 (Argentina, Brazil); 1925:1 (Argentina); 1928:168 (Argentina, Brazil, Paraguay); Blackwelder 1944:73 (Argentina, Brazil, Chaco, Mexico, Paraguay).

Hydrocanthus sharpi Zimmermann, 1928:169 (orig. descr.).

Hydrocanthus (s. str.) *sharpi* Zimmermann, 1928: Guignot 1957b:6 (Argentina, Brazil, Paraguay); Young 1985:96 (Venezuela to Argentina); Nilsson 2005:113 (cat.).

DISTRIBUTION: (NT) Argentina, Brazil, Mexico, Paraguay, Uruguay.

sicarius Guignot, 1948 AF

Hydrocanthus sicarius Guignot, 1948d:163; TL: Ivory Coast >Mont Nimba; Holotype MNHN; DESCR.: Guignot 1959a:525.

Hydrocanthus sicarius Guignot, 1948: Legros 1958:210 (Guinea); Bilardo & Pederzani 1978:118 (Ivory Coast).

Hydrocanthus (Allocanthus) sicarius Guignot, 1948d:163 (orig. descr., Ivory Coast).

Hydrocanthus (Sternocanthus) sicarius Guignot, 1948: Omer-Cooper 1957a:371 (Ivory Coast, Malawi); Guignot 1959a:525 (Ivory Coast); Bameul 1994:362 (Ivory Coast, Malawi); Nilsson 2005:119 (cat.).

DISTRIBUTION: (AF) Guinea, Ivory Coast, Malawi.

socius R.F.Sahlberg, 1844 NT

Hydrocanthus socius R.F.Sahlberg, 1844:516; TL: Brazil; Syntypes ?; DESCR.: Young 1985:96.

Hydrocanthus socius R.F.Sahlberg, 1844:516 (orig. descr., Brazil); Gemminger & Harold 1868:444 (Brazil); Branden 1885:19 (Argentina); Régimbart 1903:65 (Paraguay, Venezuela); Zimmermann 1920a:15 (Brazil); 1921:189 (Brazil); 1925:1 (Argentina); 1928:170 (Argentina, Brazil); Blackwelder 1944:74 (Argentina, Brazil, Chaco).

Hydrocanthus (s. str.) *socius* R.F.Sahlberg, 1844: Guignot 1957b:6 (Argentina, Bolivia, Brazil, French Guiana, Paraguay); Young 1985:96 (Argentina, Bolivia, Brazil, Cayenne, Paraguay, Peru, Trinidad, Venezuela); Nilsson 2005:113 (cat.).

DISTRIBUTION: (NT) Argentina, Bolivia, Brazil, French Guiana, Paraguay, Peru, Trinidad, Venezuela.

subplanatus Gschwendtner, 1933 AF

Hydrocanthus subplanatus Gschwendtner, 1933b:84; TL: Zaire >Haut Luapula >Kakyelo; Holotype MRAC; DESCR.: Guignot 1959a:527.

Hydrocanthus subplanatus Gschwendtner, 1933b:84 (orig. descr., Zaire).

Hydrocanthus (Sternocanthus) subplanatus Gschwendtner, 1933: Guignot 1959a:527 (Guinea, Zaire); 1961a:238 (Senegal, Zaire); Franciscolo & Sanfilippo 1986:28 (Guinea, Sierra Leone, Zaire); 1990:145 (Sierra Leone); Bameul 1994:362 (Guinea, Senegal, Sierra Leone, Zaire); Nilsson 2005:119 (cat.).

DISTRIBUTION: (AF) Guinea, Senegal, Sierra Leone, Zaire.

upembicus Guignot, 1954 AF

Hydrocanthus upembicus Guignot, 1954a:23; TL: Zaire >Katanga >Upemba NP >Mabwe; Holotype MRAC.

Hydrocanthus upembicus Guignot, 1954a:23 (orig. descr., Zaire).

Hydrocanthus (Sternocanthus) upembicus Guignot, 1954: Bameul 1994:362 (Zaire); Nilsson 2005:120 (cat.).

DISTRIBUTION: (AF) Zaire.

vadoni Guignot, 1936 AF

Hydrocanthus vadoni Guignot, 1936b:12; TL: Cameroon >Lolodorf; Holotype MNHN; DESCR.: Guignot 1959a:522.

Hydrocanthus vadoni Guignot, 1936b:12 (orig. descr., Cameroon); Bilardo & Pederzani 1978:118 (Gabon); Pederzani & Rocchi 1982:71 (Congo); Bilardo & Rocchi 1990:175 (Cameroon, Congo, Gabon).

Hydrocanthus (Sternocanthus) vadoni Guignot, 1936: Guignot 1959a:522 (Cameroon); Bameul 1994:362 (Cameroon, Congo, Gabon); Bilardo & Rocchi 2002:155 (Gabon); Nilsson 2005:120 (cat.).

DISTRIBUTION: (AF) Cameroon, Congo, Gabon.

waterhousei Blackburn, 1888 AU

Hydrocanthus waterhousei Blackburn, 1888:65; TL: Australia; Holotype SAM; DESCR.: Toledo & Hendrich 2006:940.

Hydrocanthus waterhousei Blackburn, 1888:65 (orig. descr., Australia); Watts 1985:27 (Australia); Lawrence et al. 1987:327 (Northern Territory, Queensland); Larson 1997:273 (Queensland).

Hydrocanthus (Sternocanthus) waterhousei Blackburn, 1888 (misspell.): Bameul 1994:362 (Australia).

Hydrocanthus (Sternocanthus) waterhousei Blackburn, 1888: Nilsson 2005:120 (cat.); Toledo & Hendrich 2006:940 (Northern Territory, Queensland, Western Australia); Toledo 2010:227 (Northern Territory, Queensland, Western Australia).

DISTRIBUTION: (AU) Australia (Northern Territory, Queensland, Western Australia).

wittei Gschwendtner, 1930 AF

Hydrocanthus wittei Gschwendtner, 1930b:221; TL: Zaire >Katanga >Nyonga; Holotype MRAC; DESCR.: Guignot 1959a:521.

Hydrocanthus jeanneli Guignot, 1936b:11; TL: Kenya >Lake Victoria >Kavirondo bay; Holotype MNHN; N. SYN.: Guignot 1936a:45.

Hydrocanthus jeanneli Guignot, 1936b:11 (orig. descr., Kenya, Ethiopia).

Hydrocanthus wittei Gschwendtner, 1930b:221 (orig. descr., Zaire); 1938a:5 (Zaire); Guignot 1936a:45 (Kenya); 1956f:87 (Ethiopia, Kenya, Mali, Sudan, Tanzania, Zaire); J. Balfour-Browne 1939b:478 (Kenya, Tanzania, Uganda, Zaire, 'White Nile'); Bilardo & Pederzani 1978:118 (Ivory Coast); Pederzani & Rocchi 1982:71 (Congo); Rocchi 2000:14 (Ethiopia, Congo, Guinea, Ivory Coast, Kenya, Malawi, Mali, Sudan, Tanzania, Uganda, Zaire).

Hydrocanthus (Sternocanthus) wittei Gschwendtner, 1930: Guignot 1954a:22 (Zaire); 1959a:521 (Ethiopia, Kenya, Mali, Sudan, Tanzania, Zaire); 1959b:160 (Zaire); Omer-Cooper 1957a:370 (Malawi, Zaire); Medler 1980:153 (Nigeria); Bameul 1994:362 (Ethiopia, Congo, Ivory Coast, Kenya, Malawi, Sudan, Zaire); Nilsson 2005:120 (cat.).

DISTRIBUTION: (AF) Congo, Ethiopia, Guinea, Ivory Coast, Kenya, Malawi, Mali, Nigeria, Sudan, Tanzania, Uganda, Zaire.

Liocanthyrus Guignot, 1957 NT (4 spp.)

Liocanthyrus Guignot, 1957a:42, as subgenus of *Canthydrus*; gender masculine; type species: *Canthydrus angustus* Guignot, 1957a:42 by original designation; N. STAT. K.B.Miller 2009:208.

angustus (Guignot, 1957) NT

Canthydrus angustus Guignot, 1957a:42; TL: Brazil >Pará province >Cachimbo; Holotype ZASP.

Canthydrus (Liocanthyrus) angustus Guignot, 1957a:42 (orig. descr., Brazil); Nilsson 2005:109 (cat.).

DISTRIBUTION: (NT) Brazil.

buqueti (Laporte, 1835) NT

Noterus buqueti Laporte, 1835:105; TL: French Guiana (Cayenne); Syntypes MNHN; N. COMB.: Sharp 1882a:272.

Canthydrus buqueti (Laporte, 1835); Sharp 1882a:272 (Cayenne); Branden 1885:16 (Cayenne); Zimmermann 1920a:10 (South America); Blackwelder 1944:73 (South America).

Canthydrus (Liocanthydrus) buqueti (Laporte, 1835); Guignot 1957a:43; Nilsson 2005:109 (cat.).

Hydrocanthus buqueti (Laporte, 1835); Aubé 1838:407 (Cayenne); Gemminger & Harold 1868:444 (Cayennae).

Noterus buqueti Laporte, 1835:105 (orig. descr., Cayenne).

Noterus buquetii Dejean, 1836:63 (nomen nudum, Cayenne).

DISTRIBUTION: (NT) French Guiana.

octoguttatus (Zimmermann, 1921) NT

Canthydrus octoguttatus Zimmermann, 1921:189; TL: Brazil >Saõ Paulo >Serra da Cantareira; Syntypes ZSM.

Canthydrus octoguttatus Zimmermann, 1921:189 (orig. descr., Brazil); Blackwelder 1944:73 (Brazil).

Canthydrus (Liocanthydrus) octoguttatus Zimmermann, 1921: Guignot 1957a:43; Nilsson 2005:110 (cat.).

DISTRIBUTION: (NT) Brazil.

uniformis (Zimmermann, 1921) NT

Canthydrus uniformis Zimmermann, 1921:189; TL: Brazil >Mato Grosso do Sul >Corumbá; Holotype ZSM.

Canthydrus uniformis Zimmermann, 1921:189 (orig. descr., Brazil); Blackwelder 1944:73 (Brazil).

Canthydrus (Liocanthydrus) uniformis Zimmermann, 1921: Guignot 1957a:43 (Brazil); Nilsson 2005:110 (cat.).

DISTRIBUTION: (NT) Brazil.

Genus *Mesonoterus* Sharp, 1882 NA NT (4 spp.)

Mesonoterus Sharp, 1882b:4; gender masculine; type species: *Mesonoterus laevicollis* Sharp, 1882b:4 by monotypy; DESCR.: Guignot 1948c:99.

addendus (Blatchley, 1920) NA NT

Canthydrus addendus Blatchley, 1920:261; TL: US >Florida >Dunedin; LT: Blatchley 1930:45 PURC; DESCR.: Young 1954:127; N. COMB.: Young 1979a:2.

Canthydrus addendus Blatchley, 1920:261 (orig. descr., Florida).

Mesonoterus addendus (Blatchley, 1920); Young 1979a:2 (? Florida, South America); Nilsson 2005:120 (cat.).

Pronoterus addendus (Blatchley, 1920); Young 1953b:114 (Florida); 1954:127 (Florida); Spangler 1981:167 (Cuba).

DISTRIBUTION: (NA) US (Florida); (NT) Cuba.

crassicornis (Régimbart, 1889) NT

Canthydrus crassicornis Régimbart, 1889b:258; TL: Brazil >Mato Grosso <Paraguay >C part; Syntypes MNHN; N. COMB.: Zimmermann 1921:187; DESCR.: Guignot 1948c:99.

Canthydrus crassicornis Zimmermann, 1919:116, as unjustified emendation of *Canthydrus crassicornis* Régimbart; TL: Brazil >Mato Grosso <Paraguay >C part; Syntypes MNHN; objective synonym of *Canthydrus crassicornis* Régimbart.

Canthydrus crassicornis Régimbart, 1889b:258 (orig. descr., Brazil, Paraguay).

Canthydrus crassicornis Régimbart, 1889: Zimmermann 1919:116 (unjust. emend., Argentina); 1920a:10 (Brazil, Paraguay); Blackwelder 1944:73 (Brazil, Paraguay).

Mesonoterus crassicornis (Régimbart, 1889); Zimmermann 1921:187 (Argentina, Brazil); Guignot 1948c:99 (Brazil, Paraguay); Nilsson 2005:121 (cat.).

DISTRIBUTION: (NT) Argentina, Brazil, Paraguay.

grandicornis (Régimbart, 1899) NT

Canthydrus grandicornis Régimbart, 1899b:193; TL: Paraguay >Puerto; Syntypes MNHN; DESCR.: Guignot 1948c:97; N. COMB.: Guignot 1948c:97.

Canthydrus grandicornis Régimbart, 1899b:193 (orig. descr., Paraguay); Régimbart 1903c:63 (Brazil); Zimmermann 1920a:11 (Paraguay); Blackwelder 1944:73 (Paraguay).

Mesonoterus grandicornis (Régimbart, 1899); Guignot 1948c:99 (Paraguay); Nilsson 2005:121 (cat.).

DISTRIBUTION: (NT) Brazil, Paraguay.

laevicollis Sharp, 1882 NT

Mesonoterus laevicollis Sharp, 1882b:4; TL: Guatemala >Escuintla district >Paso Antonio; Syntypes BMNH; DESCR.: Guignot 1948c:97.

Mesonoterus laevicollis Sharp, 1882b:4 (orig. descr., Guatemala); Branden 1885:14 (Guatemala); Régimbart 1895a:340 (Mexico); Zimmermann 1920a:5 (Guatemala); 1921:186 (Brazil, Guatemala); 1925a:1 (Paraguay); Blackwelder 1944:73 (Guatemala, Paraguay); Guignot 1948c:99 (Brazil, Guatemala, Mexico); 1957b:4 (Bolivia); Young 1979a:2 (Guatemala); Spangler 1981:167 (Cuba); Nilsson 2005:121 (cat.).

DISTRIBUTION: (NT) Bolivia, Brazil, Cuba, Guatemala, Mexico, Paraguay.

Genus *Noterus* Clairville, 1806 PL (7 spp.)

Noterus Clairville, 1806:222; gender masculine; type species: *Dytiscus crassicornis* O.F.Müller, 1776:72 by monotypy; DESCR.: Dettner 1997:111.

angustulus Zaitzev, 1953 PL

Noterus angustulus Zaitzev, 1953:95; TL: Russia >Primorye >Khanka lake [etc]; Syntypes ZIN.

Noterus angustulus Zaitzev, 1953:95 (orig. descr., Russia); Mori & Kitayama 1993:47 (Japan); Nakane 1993:2 (Japan); Nilsson 1995:40 (China, Korea, Russia); Hua 2002:34 (Beijing, Jilin, Korea, Primorye); Nilsson 2003:34 (Beijing, Heilongjiang, Japan, Jilin, Russian Far East); 2005:121 (cat.); Toledo 2003:75 (Beijing, Hebei, Jilin, Korea, Nei Mongol, Primorye); 2004:40 (Nei Mongol, Primorye).

DISTRIBUTION: (PL) China (Beijing, Hebei, Heilongjiang, Jilin, Nei Mongol), Japan (Hokkaido, Honshu), Korea, Russia (Far East).

clavicornis (De Geer, 1774) PL

Dytiscus clavicornis De Geer, 1774:402; TL: Sweden; Syntypes NHRS; DESCR.: Dettner 1997:117; N. COMB.: Bedel 1881:282.

Noterus convexiusculus Reiche & Saulcy, 1855:640; TL: Lebanon >Beirut; Syntypes MNHN; N. SYN.: Zimmermann 1919:114.

Noterus major F.Balfour-Browne, 1965:19, as replacement name for *Dytiscus clavicornis* De Geer; TL: Sweden; Syntypes NHRS; objective synonym of *Dytiscus clavicornis* De Geer, 1774:402.

Dytiscus semipunctatus Fabricius, 1792:199; TL: India orientali; Syntypes ZMUC; N. SYN.: Bedel 1881:282.

Dytiscus sparsus Marsham, 1802:430; TL: Great Britain >England; Syntypes ?; N. SYN.: Bedel 1881:282.

Dytiscus clavicornis De Geer, 1774:402 (orig. descr., Sweden).

Dytiscus semipunctata Fabricius, 1792:199 (orig. descr., India orientali).

Dytiscus semipunctatus Fabricius, 1792: Fabricius 1801:271 (India orientali).

Dytiscus sparsus Marsham, 1802:430 (orig. descr., England).

Noterus capricornis (Herbst, 1784) (misident.): Sharp 1882a:265 (Europe incl. Corsica, Sardinia and Capria); Branden, 1885:15 (Europe).

Noterus clavicornis (De Geer, 1774): Bedel 1881:282 (France); Régimbart 1893b:363 (Syria); Reitter 1908:219; Zimmermann 1919:114;

1920a:7 (Europe); Gschwendtner 1933a:159 (Shensi); Guignot 1946b:75 (types); Vazirani 1969a:226 (China, Kashmir); 1977a:1 (China, Kashmir, Lebanon); Legros 1972:576 (Iran); Ali 1978:11 (Iraq); Bilton 1992:116 (England, chromosomes); Hua 2002:34 (Heilongjiang, Shaanxi, Xinjiang); Nilsson 2003:34 (Albania, Armenia, Austria, Azerbaijan, Belgium, Bosnia Hercegovina, Bulgaria, Byelorussia, China, Croatia, Czech Republic, Denmark, Estonia, European Russia, Finland, France, Germany, Georgia, Great Britain, Greece, Heilongjiang, Hungary, Iran, Iraq, Ireland, Israel, Italy, Jordan, Kashmir, Kazakhstan, Latvia, Lebanon, Liechtenstein, Lithuania, Luxembourg, Macedonia, Moldavia, Mongolia, Netherlands, Norway, Poland, Portugal, Shaanxi, Siberia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Syria, Turkey, Turkmenistan, Ukraine, Yugoslavia, Xinjiang); Nilsson 2005:121 (cat.); Toledo 2004:41 (Iran, Italy, Turkmenistan); Hendrich & Hendrich 2005:428 (Uzbekistan).

Noterus clavicornis var. *convexiusculus* Reiche & Saulcy, 1855: Zimmermann 1919:114 (Syria, Turkey); 1920a:7 (Greece, Syria); Guignot 1954e:222 (Kashmir).

Noterus convexiusculus Reiche & Saulcy, 1855:640 (orig. descr., Lebanon); Gemminger & Harold 1868:443 (Syria); Sharp 1882a:266 (Syria); Branden 1885:15 (Syria).

Noterus crassicornis Fabricius, 1781 (misident.): Lacordaire 1835:322.

Noterus depressicornis Motschulsky, 1853:9 (nomen nudum; Caucasus, Inderskoe lake).

Noterus major F.Balfour-Browne, 1965:19 (orig. descr.).

Noterus semipunctatus (Fabricius, 1792): Erichson 1837:166 (types); Gemminger & Harold 1868:443.

Noterus sparsus (Marsham, 1802): Leach 1817:71; Aubé 1837:202 (England, France, Germany); 1838:400 (France, Germany, Switzerland); Heer 1839:151; Reiche & Lallemand 1872:23 (? Algeria); Sharp 1878a:113 (Portugal); Seidlitz 1887:78; Heyden et al. 1891:124; Portevin 1929:197 (France).

DISTRIBUTION: (PL) Albania, Armenia, Austria, Azerbaijan, Belgium, Bosnia Hercegovina, Bulgaria, Byelorussia, China (Heilongjiang, Shaanxi, Xinjiang), Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Georgia, Great Britain, Greece, Hungary, Iran, Iraq, Ireland, Israel, Italy, Jordan, Kashmir, Kazakhstan, Latvia, Lebanon, Liechtenstein, Lithuania, Luxembourg, Macedonia, Moldavia, Mongolia, Netherlands, Norway, Poland, Portugal, Russia (Central European Territory, East Siberia, South European Territory, West Siberia), Slovakia, Slovenia, Spain, Sweden, Switzerland, Syria, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

crassicornis (O.F.Müller, 1776) PL

Dytiscus crassicornis O.F.Müller, 1776:72; TL: Denmark, Norway; Syntypes lost; DESCR.: Dettner 1997:120; N. COMB.: Aubé 1837:200.

Dytiscus capricornis Herbst, 1784:128; TL: Germany >Berlin; Syntypes ZMHB; N. SYN.: Aubé 1837:200.

? *Dytiscus rufus* Scopoli, 1763:98; TL: Carniola; Syntypes ?.

Noterus geerii Leach, 1817:71; TL: Europe; Syntypes ?; N. SYN.: Aubé 1837:200.

Noterus minor F.Balfour-Browne, 1965:19, as replacement name for *Dytiscus capricornis* Herbst; TL: Germany >Berlin; Syntypes ZMHB; N. SYN.: Nilsson 2005:122.

Noterus crassicornis var. *simulator* Porta, 1923:257; TL: Italy >Emilia; Syntypes ?; N. SYN.: Nilsson 2005:122.

Dytiscus capricornis Herbst, 1784:128 (orig. descr., Germany).

Dytiscus crassicornis O.F.Müller, 1776:72 (orig. descr., Denmark); Fabricius 1787:193 (Germany); 1792:201 (Germania); 1801:273 (Germania).

Noterus angustatus Zaitzev, 1915:258 (nomen nudum, Podolia).

Noterus capricornis (Herbst, 1784): Lacordaire 1835:323; Vazirani 1969a:225 (Kashmir).

Noterus clavicornis (De Geer, 1774) (misident.): Gemminger & Harold 1868:443; Sharp 1882a:265 (Europe); Branden 1885:15 (Europe); Seidlitz 1887:78; Heyden et al. 1891:124; Portevin 1929:197 (France).

Noterus crassicornis (O.F.Müller, 1776): Aubé 1837:200 (Europe); 1838:398 (Europe); Heer 1839:151; Sharp 1877a:113 (Portugal);

Bedel 1881:282; Reitter 1908:219; Zimmermann 1919:114; 1920a:8 (Europe, Siberia); Gschwendtner 1933a:159 (Beijing); Bilton 1992:116 (England, chromosomes); Nilsson 2003:34 (Austria, Belgium, Bosnia Hercegovina, Bulgaria, Byelorussia, Croatia, Cyprus, Czech Republic, Denmark, Estonia, European Russia, Finland, France, Germany, Great Britain, Hungary, Iran, Ireland, Italy, Kashmir, Latvia, Lithuania, Luxembourg, Macedonia, Moldavia, Netherlands, Norway, Poland, Siberia, Slovakia, Slovenia, Sweden, Turkey, Ukraine, Yugoslavia); 2005:122 (cat.); Toledo 2004:41 (Italy).

Noterus crassicornis Fabricius, 1781: Erichson 1837:165 (Mark Brandenburg).

Noterus crassicornis var. *simulator* Porta, 1923:257 (orig. descr., Italy).

Noterus geeii Leach, 1817:71 (orig. descr., Europe).

Noterus heterocerus Cristofori, 1832:14 (nomen nudum, North Italy).

Noterus minor F.Balfour-Browne, 1965:19 (orig. descr.).

DISTRIBUTION: (PL) Austria, Belgium, Bosnia Hercegovina, Bulgaria, Byelorussia, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Great Britain, Hungary, Iran, Ireland, Italy, Kashmir, Latvia, Lithuania, Luxembourg, Macedonia, Moldavia, Netherlands, Norway, Poland, Russia (East Siberia, Central European Territory, North European Territory, South European Territory, West Siberia), Slovakia, Slovenia, Sweden, Turkey, Ukraine, Yugoslavia.

granulatus Régimbart, 1883 PL

Noterus granulatus Régimbart, 1883:225; TL: China >Doo-choo-foo [? Shandong >Yantai]; Holotype MNHN.

Noterus granulatus Régimbart, 1883:225 (orig. descr., China); 1899a:246 (China); Branden 1885:15 (China); Zimmermann 1920a:9 (China); Hua 2002:34 (Shandong); Nilsson 2003:34 (China); 2005:123 (cat.); Toledo 2004:41 (Shandong).

DISTRIBUTION: (PL) China (Shandong).

japonicus Sharp, 1873 PL

Noterus japonicus Sharp, 1873:52; TL: Japan >Kyushu >Nagasaki; Syntypes BMNH; DESCR.: Zaitzev 1972:99.

Noterus japonicus Sharp, 1873:52 (orig. descr., Japan); 1882a:266 (Japan); Branden 1885:15 (Japan); Régimbart 1899a:246 (Japan); Zimmermann 1920a:9 (Japan); J. Balfour-Browne 1947b:453 (Hsiaoling); Lee et al. 1992:46 (South Korea); Mori & Kitayama 1993:47 (Japan); Nilsson 1995:40 (China, Japan, Korea, Primorye); Hua 2002:34 (Beijing, Fujian, Heilongjiang, Hubei, Japan, Jiangsu, Jiangxi, Jilin, Korea, Liaoning, Primorye, Shaanxi, Shandong, Taiwan); Nilsson 2003:34 (Beijing, Fujian, Hainan, Hebei, Heilongjiang, Hubei, Japan, Jiangsu, Jiangxi, Jilin, Liaoning, Primorye, Shaanxi, Shandong); 2005:123 (cat.); Toledo 2003:82 (Beijing, Fujian, Guizhou, Hainan, Hebei, Heilongjiang, Hong Kong, Hubei, Japan, Jiangsu, Jiangxi, Jilin, Korea, Liaoning, Nei Mongol, Primorye, Shaanxi, Shandong, Yunnan); 2004:41 (Hong Kong, Japan, Primorye).

DISTRIBUTION: (PL) China (Beijing, Fujian, Guizhou, Hainan, Hebei, Heilongjiang, Hong Kong, Hubei, Jiangsu, Jiangxi, Jilin, Liaoning, Nei Mongol, Shaanxi, Shandong, Yunnan), Japan (Hokkaido, Honshu, Kyushu, Ryukyu Islands, Shikoku), Russia (Far East), South Korea, Taiwan.

laevis Sturm, 1834 PL

Noterus laevis Sturm, 1834:135; TL: Spain; Syntypes ZSM; DESCR.: Dettner 1997:115.

Noterus laevis Dejean, 1821:19 (nomen nudum; Spain).

Noterus laevis Sturm, 1834:135 (orig. descr., Spain); Aubé 1837:205 (N Africa, S Europe); 1838:401 (N Africa, S Europe); Gemminger & Harold 1868:443 (S Europe); Reiche & Lallemand 1872:23 (Algeria); Sharp 1882a:267 (Algeria, S Europe); Branden 1885:15 (Algeria, S Europe); Seidlitz 1887:78; Heyden et al. 1891:124; Régimbart 1895b:122 (Algeria, Morocco, Tunisia); Escalera 1914:60 (Morocco); Zimmermann 1920a:9 (Mediterranean); Portevin 1929:197 (France); Normand 1938:343 (Tunisia); Kocher 1958:11 (Morocco); Guignot 1959a:481 (Algeria, Morocco, Tunisia); Bilton 1992:116 (Spain, chromosomes); Nilsson 2003:34 (Algeria, Croatia, France, Italy, Morocco, Portugal, Spain, Tunisia); 2005:123 (cat.); Toledo 2004:42 (Italy, Spain).

DISTRIBUTION: (PL) Algeria, Croatia, France, Italy, Morocco, Portugal, Spain, Tunisia.

ponticus Sharp, 1882 PL

Noterus ponticus Sharp, 1882a:266; TL: Iraq (Mesopotamia); LT: Toledo 2004:34 BMNH; DESCR.: Toledo 2004:34.

Noterus ponticus Sharp, 1882a:266 (orig. descr., Mesopotamia); Marseul 1882:37 (Mesopotamia); Branden 1885:15 (Mesopotamia); Zimmermann 1920a:9 (Mesopotamia); Ali 1978:11 (Iraq); Nilsson 2003:34 (Iran, Iraq); 2005:123 (cat.); Toledo 2004:34 (Iran).

DISTRIBUTION: Iran, Iraq.

Genus *Renotus* Guignot, 1936 AF (1 sp.)

Renotus Guignot, 1936b:11; gender masculine; type species: *Hydrocanthus deyrollei* Sharp, 1882a:282 by original designation; DESCR.: Guignot 1959a:482.

deyrollei (Sharp, 1882) AF

Hydrocanthus deyrollei Sharp, 1882a:282; TL: Gabon; Syntypes BMNH; DESCR.: Guignot 1959a:483; N. COMB.: Guignot 1936a:40.

Hydrocanthus deyrollei Sharp, 1882a:282 (orig. descr., Gabon); 1904:3 (Sudan); Branden 1885:18 (Gabon); Régimbart 1895b:129 (Benin, Gabon, Sierra Leone); Zimmermann 1920a:14 (West Africa); 1926:23 (Gabon, Sierra Leone, Sudan); Gschwendtner 1930a:88 (Sudan, Zaire); 1930b:223 (Zaire).

Hydrocanthus (Sternocanthus) deyrollei Sharp, 1882: Bameul 1994:362 (West Africa).

Renotus deyrollei (Sharp, 1882): Guignot 1936a:39 (Ethiopia); 1954a:22 (Zaire); 1955f:864 (Angola, Ethiopia, Mauritania, Tanzania, Zaire); 1956f:87 (Ethiopia, Mali, Mauritania, Tanzania, Zaire); 1959a:483 (Ethiopia, Mauritania, Sudan, Tanzania, Zaire); 1959b:155 (Zaire); Brivio 1959:372 (Guinea Bissau); Bruneau de Miré & Legros 1963:840 (Chad, Mauritania); Bilardo & Pederzani 1978:116 (Gabon, Ivory Coast); Medler 1980:153 (Nigeria); Pederzani & Rocchi 1982:71 (Congo); Bilardo & Rocchi 1990:175 (Gabon); 2002:155 (Gabon); Vondel 2004:40 (Gambia); Nilsson 2005:123 (cat.).

DISTRIBUTION: (AF) Angola, Benin, Chad, Congo, Ethiopia, Gabon, Gambia, Guinea Bissau, Ivory Coast, Mali, Mauritania, Nigeria, Sierra Leone, Sudan, Tanzania, Zaire.

Genus *Siolius* J.Balfour-Browne, 1969 NT (3 spp.)

Siolius J.Balfour-Browne, 1969:5; gender masculine; type species: *Siolius bicolor* J.Balfour-Browne, 1969:5 by original designation.

amazonicus J.Balfour-Browne, 1969 NT

Siolius amazonicus J.Balfour-Browne, 1969:6; TL: Brazil >Amazonas >Campos de Ariramba >Igarapé Quebra-dente; Holotype BMNH.

Siolius amazonicus J.Balfour-Browne, 1969:6 (orig. descr., Brazil); Nilsson 2005:124 (cat.).
DISTRIBUTION: (NT) Brazil.

bicolor J.Balfour-Browne, 1969 NT

Siolius bicolor J.Balfour-Browne, 1969:5; TL: Brazil >Pará province (Amazonas) >Tomé-assu; Holotype BMNH.

Siolius bicolor J.Balfour-Browne, 1969:5 (orig. descr., Brazil); Nilsson 2005:124 (cat.).
DISTRIBUTION: (NT) Brazil.

clayae J.Balfour-Browne, 1969 NT

Siolius clayae J.Balfour-Browne, 1969:6; TL: Guyana >Kanuku Mts >Rupununi; Holotype BMNH.

Siolius clayae J.Balfour-Browne, 1969:6 (orig. descr., Guyana); Nilsson 2005:124 (cat.).
DISTRIBUTION: (NT) Guyana.

Genus *Suphis* Aubé, 1836 NA NT (11 spp.)

Suphis Aubé, 1836:42; gender masculine; type species: *Suphis cimicoides* Aubé, 1837:209 by monotypy; DESCR.: Grosso 1993:226.

Colpius LeConte, 1861:40; gender masculine; type species: *Colpius inflatus* LeConte, 1863:22 by subsequent monotypy; N. SYN.: Spangler & Folkerts 1973:506.

cimicoides Aubé, 1837 NT

Suphis cimicoides Aubé, 1837:209; TL: Brazil, French Guiana; Syntypes MNHN; DESCR.: Grosso 1993:226.

Suphis difformis Sharp, 1882a:268; TL: Brazil >Bahia, Santa Rita [da Floresta] <Venezuela >Orinoco; Syntypes BMNH; N. SYN.: Régimbart 1903c:57.

Suphis subtilis Sharp, 1882a:268; TL: Venezuela (New Granada) >Cumana; Syntypes BMNH; N. SYN.: Régimbart 1903c:57.

Suphis cimicoides Aubé, 1837:209 (orig. descr., Brazil, Cayenne); 1838:413 (Brazil, Cayenne); Gemminger & Harold 1868:444 (Cayennae); Sharp 1877b:120 (Antigua); 1882a:268 (Antigua, Brazil, Cayenne); Branden 1885:16 (South America); Fleutiaux & Sallé 1890:369 (Guadeloupe); Régimbart 1903c:57 (Argentina, Guadeloupe); 1904b:225 (French Guiana); Zimmermann 1919:112 (Central and South America except Chile); 1920a:5 (Antilles, Argentina, Brazil, Venezuela); 1921:185 (Brazil); 1924:1 (Brazil); 1925a:1 (Paraguay); Blackwelder 1944:72 (Argentina, Antigua, Brazil, Guadeloupe, Guatemala, Paraguay, Venezuela); Mouchamps 1955:3 (Argentina, Brazil, French Guiana, Guadeloupe, Paraguay, Venezuela); Young 1979a:1 (Guatemala, West Indies); Grosso 1993:237 (Antigua, Argentina, Bolivia, French Guiana, Guadeloupe, Guatemala, Paraguay, Uruguay, Venezuela); Arce-Pérez 2004:321 (Mexico); Nilsson 2005:124 (cat.).

Suphis difformis Sharp, 1882a:268 (orig. descr., Brazil, Venezuela); 1882b:5 (Guatemala); Branden 1885:16 (Central and South America).

Suphis subtilis Sharp, 1882a:268 (orig. descr., Venezuela); Branden 1885:16 (South America).

DISTRIBUTION: (NT) Antigua, Argentina, Bolivia, Brazil, French Guiana, Guadeloupe, Guatemala, Mexico, Paraguay, Uruguay, Venezuela.

fluviatilis Guignot, 1948 NT

Suphis fluviatilis Guignot, 1948b:165; TL: Argentina >Santiago del Estero province >Icaño >Salado river; Holotype MNHN; DESCR.: Grosso 1993:227.

Suphis fluviatilis Guignot, 1948b:165 (orig. descr., Argentina); Grosso 1993:237 (Argentina, Paraguay); Ferreira et al. 1998:133 (Brazil); Nilsson 2005:125 (cat.).

DISTRIBUTION: (NT) Argentina, Brazil, Paraguay.

freudei Mouchamps, 1955 NT

Suphis Freudei Mouchamps, 1955:4; TL: Paraguay >Central province >Capiatá; Holotype IRSNB; DESCR.: Grosso 1993:228.

Suphis Freudei Mouchamps, 1955:4 (orig. descr., Bolivia, Brazil, Paraguay); Grosso 1993:237 (Argentina, Bolivia, Brazil, Paraguay); Nilsson 2005:125 (cat.).

DISTRIBUTION: (NT) Argentina, Bolivia, Brazil, Paraguay.

globiformis Zimmermann, 1919 NT

Suphis globiformis Zimmermann, 1919:113; TL: Brazil, Paraguay; LT: Grosso 1993:229 ZSM; DESCR.: Grosso 1993:229.

Suphis globiformis Zimmermann, 1919:113 (orig. descr., Brazil, Paraguay); 1920a:5; 1921:185 (Brazil); Blackwelder 1944:73 (Brazil, Paraguay); Mouchamps 1955:6 (Brazil); Grosso 1993:237 (Brazil, Paraguay); Nilsson 2005:125 (cat.).

Suphisellus globiformis (Zimmermann, 1919): Guignot 1957b:5 (Bolivia).

DISTRIBUTION: (NT) Bolivia, Brazil, Paraguay.

***inflatus* (LeConte, 1863) NA NT**

Colpius inflatus LeConte, 1863:22; TL: US >Louisiana <New York; Syntypes MCZ; DESCR.: Grosso 1993:236; N. COMB.: Spangler & Folkerts 1973:508.

Colpius inflatus LeConte, 1863:22 (orig. descr., Louisiana, !New York); Gemminger & Harold 1868:443 (Louisiana); Crotch 1873:397 (Florida, Louisiana, !New York); Sharp 1882a:267 (Florida, Louisiana); Branden 1885:15 (Florida, Louisiana); Leng & Mutchler 1918:75 (Florida, not New York); Leng 1920:76 (Florida, Louisiana); Zimmermann 1920a:5 (US); Young 1954:125 (Cuba, Florida, Louisiana).
Suphis inflatus (LeConte, 1863): Spangler & Folkerts 1973:508 (Cuba, Alabama, Florida, Georgia, Louisiana, South Carolina); Folkerts 1978:347 (Alabama); Young 1979a:1 (Florida, Louisiana); Turnbow & Smith 1983:439 (Georgia); Grosso 1993:236 (Florida, Louisiana); Jasper & Vogtsberger 1996:50 (Alabama, Florida, Georgia, Louisiana, North Carolina, South Carolina, Texas); Nilsson 2005:125 (cat.).
DISTRIBUTION: (NA) US (Alabama, Florida, Georgia, Louisiana, North Carolina, South Carolina, Texas); (NT) Cuba.

***insculpturatus* Zimmermann, 1921 NT**

Suphis insculpturatus Zimmermann, 1921:185; TL: Brazil >Mato Grosso do Sul >Corumbá; Holotype ZSM; DESCR.: Grosso 1993:229.

Suphis insculpturata Zimmermann 1921 (misspell.); Blackwelder 1944:73 (Brazil).
Suphis insculpturatus Zimmermann, 1921:185 (orig. descr., Brazil); Mouchamps 1955:6 (Brazil); Grosso 1993:237 (Brazil); Nilsson 2005:126 (cat.).
DISTRIBUTION: (NT) Brazil.

***intermedius* Régimbart, 1903 NT**

Suphis intermedius Régimbart, 1903c:57; TL: Brazil >Mato Grosso; Syntypes MNHN; DESCR.: Grosso 1993:230.

Suphis intermedia Régimbart 1903 (misspell.); Blackwelder 1944:73 (Brazil).
Suphis intermedius Régimbart, 1903c:57 (orig. descr., Brazil); Zimmermann 1920a:5 (Brazil); 1921:185 (Brazil); Mouchamps 1955:5 (Brazil); Grosso 1993:237 (Brazil); Nilsson 2005:126 (cat.).
DISTRIBUTION: (NT) Brazil.

***minutus* Régimbart, 1903 NT**

Suphis minutus Régimbart, 1903c:58; TL: Brazil >Mato Grosso; Syntypes MNHN; DESCR.: Grosso 1993:232.

Suphis minuta Régimbart 1903 (misspell.); Blackwelder 1944:73 (Brazil).
Suphis minutus Régimbart, 1903c:58 (orig. descr., Brazil); Zimmermann 1920a:5 (Brazil); Mouchamps 1955:3 (Brazil); Spangler 1966:386 (Brazil, Peru); Grosso 1993:237 (Argentina, Brazil); Nilsson 2005:126 (cat.).
DISTRIBUTION: (NT) Argentina, Brazil, Peru.

***notaticollis* Zimmermann, 1921 NT**

Suphis notaticollis Zimmermann, 1921:184; TL: Argentina >Buenos Aires; Syntypes ZSM; DESCR.: Grosso 1993:232.
Suphis bullatus Guignot, 1950c:9; TL: Paraguay >Rio Puerto Eliza; Holotype MNHN; N. SYN.: Mouchamps 1955:6.

Suphis bullatus Guignot, 1950c:9 (orig. descr., Paraguay).
Suphis notaticollis Zimmermann, 1921:184 (orig. descr., Argentina); Blackwelder 1944:73 (Argentina); Mouchamps 1955:6 (Argentina, Paraguay); Grosso 1993:237 (Argentina, Paraguay); Nilsson 2005:126 (cat.).
DISTRIBUTION: (NT) Argentina, Paraguay.

***ticky* Grosso, 1993 NT**

Suphis ticky Grosso, 1993:234; TL: Paraguay >Concepción province >Puerto Valle Mi (Vallemí); Holotype IMLA.

Suphis ticky Grosso, 1993:234 (orig. descr., Paraguay; records from Argentina and Brazil given on page 237 refer to *weneri*); Nilsson 2005:126 (cat.).
DISTRIBUTION: (NT) Paraguay.

***weneri* Guignot, 1940 NT**

Suphis weneri Guignot, 1940:9; TL: Brazil >Santa Catarina province >Nova Teutônia >; Holotype IRSNB; DESCR.: Grosso 1993:235.

Suphis weneri Guignot, 1940:9 (orig. descr., Brazil); Blackwelder 1944:73 (Brazil); Grosso 1993:235 (Argentina, Brazil); Nilsson 2005:126 (cat.).
DISTRIBUTION: (NT) Argentina, Brazil.

Genus *Suphisellus* Crotch, 1873 NA NT (51 spp.)

Suphisellus Crotch, 1873:397; gender masculine; type species: *Noterus bicolor* Say, 1830:33 by subsequent designation of Leech 1948:403; DESCR.: Young 1979b:409.

Suphisellus Zimmermann, 1921:187; gender masculine; type species: *Suphisellus variicollis* Zimmermann, 1921:187 by subsequent designation of Guignot 1946a:116; preoccupied by Crotch 1873:397; N. SYN.: Leech 1948:403.

***anticicollis* Guignot, 1950 NT**

Suphisellus anticicollis Guignot, 1950d:153; TL: Ecuador >Guayaquil; Holotype MNHN.

Suphisellus anticicollis Guignot, 1950d:153 (orig. descr., Ecuador); Nilsson 2005:127 (cat.).
DISTRIBUTION: (NT) Ecuador.

balzani (Régimbart, 1889) NT

Canthydrus balzani Régimbart, 1889b:259; TL: Argentina >Resistencia <Brazil >Rio Grande do Sul <Paraguay; Syntypes MNHN; N. COMB.: Zimmermann 1921:205.

Canthydrus balzani Régimbart, 1889b:259 (orig. descr., Argentina, Paraguay); 1895a:342 (Brazil); Régimbart 1903c:60 (Argentina); Zimmermann 1920a:9 (Brazil, Paraguay); Blackwelder 1944:73 (Argentina, Brazil, Paraguay).

Suphisellus balzani (Régimbart, 1889): Zimmermann 1921:205 (Brazil); Nilsson 2005:127 (cat.).

DISTRIBUTION: (NT) Argentina, Brazil, Paraguay.

bicolor (Say, 1830) NA

Noterus bicolor Say, 1830:33; TL: US >Louisiana; Syntypes lost; DESCR.: Young 1979b:424; N. COMB.: Leech 1970:241.

Noterus bicolor Say, 1834:446; TL: US >Louisiana; Syntypes lost; preoccupied by Say 1830:33; N. SYN.: Nilsson 2005:127.

Canthydrus bicolor (Say, 1830): Sharp 1882a:271 (Carolina); Branden 1885:15 (North America); Leng & Mutchler 1918:78 (Florida); Zimmermann 1919:115 (Louisiana); 1920a:10 (North America); Leng 1920:76 (Carolina, Florida, Louisiana).

Noterus bicolor Say, 1830:33 (orig. descr., Louisiana); 1834:446 (2nd descr., Louisiana).

Suphis bicolor (Say, 1830): Gemminger & Harold 1868:444 (North America); Crotch 1873:397 (Florida, Georgia, ? Pennsylvania).

Suphisellus bicolor (Say, 1830): Leech 1970:241 (Alabama, Arkansas, ! California, Louisiana, Texas); Folkerts 1978:347 (? Alabama); Young 1979a:1 (Arkansas, California, Indiana, Louisiana, Texas); Whiteman & Sites 2003:226 (Missouri).

Suphisellus bicolor bicolor (Say, 1830): Young 1979b:424 (Alabama, Arkansas, ! California, Indiana, Louisiana, Mississippi, Texas); White et al. 1985:361 (Indiana); Nilsson 2005:127 (cat.).

DISTRIBUTION: (NA) US (Alabama, Arkansas, !California, Florida, Georgia, Indiana, Louisiana, Mississippi, Missouri, Texas).

ssp. punctipennis (Sharp, 1882) NA

Canthydrus punctipennis Sharp, 1882a:270; TL: US >Carolina; LT: Young 1979b:426 BMNH; DESCR.: Young 1979b:426; N. STAT.: Young 1979b:426; N. COMB.: Young 1954:132.

Canthydrus bicolor (Say, 1830): Leng & Beutenmuller 1893:185 (New York).

Canthydrus punctipennis Sharp, 1882a:270 (orig. descr., Carolina); Branden 1885:17 (North America); Zimmermann 1920a:13 (North America).

Suphisellus bicolor a. punctipennis (Sharp, 1882): Young 1979a:1 (Alabama, Delaware, Georgia, Illinois, Indiana, Kentucky, New Jersey, North Carolina, South Carolina, Tennessee, Virginia).

Suphisellus bicolor punctipennis (Sharp, 1882): Young 1979b:424 (Alabama, Delaware, Georgia, Illinois, Indiana, Kentucky, New Jersey, North Carolina, South Carolina, Tennessee, Virginia); Turnbow & Smith 1983:439 (Georgia); White et al. 1985:361 (Indiana); Downie & Arnett 1996:267 (Georgia, Florida, Illinois, Indiana, Maryland, New Jersey, North Carolina, Ohio, Pennsylvania, South Carolina, Virginia); Nilsson 2005:127 (cat.).

Suphisellus punctipennis (Sharp, 1882): Young 1954:132 (Florida); Folkerts 1978:347 (? Alabama).

DISTRIBUTION: (NA) US (Alabama, Delaware, Georgia, Florida, Illinois, Indiana, Kentucky, Maryland, New Jersey, New York, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Virginia).

binotatus (Fleutiaux & Sallé, 1890) NT

Canthydrus binotatus Fleutiaux & Sallé, 1890:370; TL: Guadeloupe >Pointe-à-Pitre; Syntypes MNHN; DESCR.: Young 1979b:420; N. COMB.: Young 1979b:420.

Canthydrus binotatus Fleutiaux & Sallé, 1890:370 (orig. descr., Guadeloupe); Blackwelder 1944:73 (Guadeloupe).

? *Canthydrus subsignatus* Sharp, 1882 (misident. vide Young 1979b:421); Fleutiaux & Sallé 1890:370 (Guadeloupe).

Suphisellus binotatus (Fleutiaux & Sallé, 1890): Young 1979b:420 (Cuba, Dominican Republic, Guadeloupe); 1979a:1 (Cuba, Guadeloupe, Hispaniola); Spangler 1981:167 (Cuba); Nilsson 2005:127 (cat.).

DISTRIBUTION: (NT) Cuba, Dominican Republic, Guadeloupe.

brevicornis (Sharp, 1882) NT

Canthydrus brevicornis Sharp, 1882a:273; TL: Brazil >Paraná province; Holotype BMNH; N. COMB.: Zimmermann 1921:206.

Canthydrus brevicornis Sharp, 1882a:273 (orig. descr., Brazil); Branden 1885:16 (Brazil); Zimmermann 1920a:10 (Brazil); Blackwelder 1944:73 (Argentina, Brazil).

Suphisellus brevicornis (Sharp, 1882): Zimmermann 1921:206 (? Brazil); Nilsson 2005:128 (cat.).

DISTRIBUTION: (NT) Argentina, Brazil.

bruchi (Zimmermann, 1919) NT

Canthydrus bruchi Zimmermann, 1919:115; TL: Argentina >Buenos Aires; Syntypes ZSM; N. COMB.: Nilsson 2005:128.

Canthydrus bruchi Zimmermann, 1919:115 (orig. descr., Argentina); 1920a:10; Blackwelder 1944:73 (Argentina, Brazil).

Suphisellus bruchi (Zimmermann, 1919): Nilsson 2005:128 (CAT.).

DISTRIBUTION: (NT) Argentina, Brazil.

brunneus Guignot, 1950 NT

Suphisellus brunneus Guignot, 1950d:152; TL: Brazil >São Paulo >Araca; Holotype MNHN.

Suphisellus brunneus Guignot, 1950d:152 (orig. descr., Brazil); Nilsson 2005:128 (cat.).

DISTRIBUTION: (NT) Brazil.

canthyroides Guignot, 1940 NT

Suphisellus canthyroides Guignot, 1940:9; TL: Brazil >Santa Catarina province >Nova Teutônia; Holotype IRSNB.

Suphisellus canthyroides Guignot, 1940:9 (orig. descr., Brazil); Blackwelder 1944:73 (Brazil); Nilsson 2005:128 (cat.).
DISTRIBUTION: (NT) Brazil.

cribrosus (Régimbart, 1903) NT

Canthydrus cribrosus Régimbart, 1903c:59; TL: Argentina >Buenos Aires <Brazil >Cuiabá (Cuyabá); Syntypes MSNG; N. COMB.: Nilsson 2005:128.

Canthydrus cribrosus Régimbart, 1903c:59 (orig. descr., Argentina, Brazil); Zimmermann 1920a:10 (Argentina); Blackwelder 1944:73 (Argentina).
Suphisellus cribrosus (Régimbart, 1903): Nilsson 2005:128 (cat.).
DISTRIBUTION: (NT) Argentina, Brazil.

curtus (Sharp, 1882) NT

Canthydrus curtus Sharp, 1882a:272; TL: Brazil >Amazonas <Argentina >Pampas; Syntypes BMNH; DESCR.: Young 1979b:428; N. COMB.: Young 1979b:428.

Canthydrus curtus Sharp, 1882a:272 (orig. descr., Argentina, Brazil); Branden 1885:16 (South America); Zimmermann 1920a:10 (South America); Blackwelder 1944:73 (South America).
Suphisellus curtus (Sharp, 1882): Young 1979a:2 (Panama, South America); 1979b:428 (Brazil, Colombia, Panama, Venezuela); Nilsson 2005:128 (cat.).
DISTRIBUTION: (NT) Argentina, Brazil, Colombia, Panama, Venezuela.

dilutus (Sharp, 1882) NT

Canthydrus dilutus Sharp, 1882a:272; TL: Brazil >Bahia; Syntypes BMNH; N. COMB.: Guignot 1957a:41.

Canthydrus dilutus Sharp, 1882a:272 (orig. descr., Brazil); Branden 1885:16 (Brazil); Régimbart 1895a:342 (Brazil); Zimmermann 1920a:10 (Brazil); Blackwelder 1944:73 (Brazil).
Suphisellus dilutus (Sharp, 1882): Guignot 1957a:41 (Brazil); Nilsson 2005:128 (cat.).
DISTRIBUTION: (NT) Brazil.

flavolineatus (Régimbart, 1889) NT

Canthydrus flavolineatus Régimbart, 1889b:262; TL: Brazil >Minas Gerais >Caraça; Syntypes MNHN; N. COMB.: Nilsson 2005:129.

Canthydrus flavolineatus Régimbart, 1889b:262 (orig. descr., Brazil); Zimmermann 1920a:10 (Brazil); Blackwelder 1944:73 (Argentina, Brazil).
Suphisellus flavolineatus (Régimbart, 1889): Nilsson 2005:129 (cat.).
DISTRIBUTION: (NT) Argentina, Brazil.

flavopictus (Régimbart, 1889) NT

Canthydrus flavopictus Régimbart, 1889b:260; TL: Argentina >Chaco province >Resistencia <<Paraguay; Syntypes MNHN; N. COMB.: Zimmermann 1921:205.

Canthydrus flavopictus Régimbart, 1889b:260 (orig. descr., Argentina, Paraguay); Zimmermann 1920a:10 (Brazil, Paraguay); Blackwelder 1944:73 (Argentina, Brazil, Paraguay).
Suphisellus flavopictus (Régimbart, 1889): Zimmermann 1921:205 (Brazil); Guignot 1958b:38 (Argentina, Brazil, Paraguay); 1961b:314 (Argentina, Brazil, Paraguay); Ellenrieder & Fernández 2000:35 (Argentina); Nilsson 2005:129 (cat.).
DISTRIBUTION: (NT) Argentina, Brazil, Paraguay.

gibbulus (Aubé, 1838) NA

Suphis gibbulus Aubé, 1838:414; TL: US; LT: Young 1979b:427 BMNH; DESCR.: Young 1979b:427; N. COMB.: Young 1954:131.

Canthydrus gibbulus (Aubé, 1838): Sharp 1882a:271 (North America); Branden 1885:16 (North America); Leng & Mutchler 1918:78 (Florida); Leng 1920:76 (Florida, ! Indiana, ! New Jersey).
Hydroporus gibbulus Dejean, 1833:58 (nomen nudum, North America).
Suphis gibbulus Aubé, 1838:414 (orig. descr., US).
Suphisellus gibbulus (Aubé, 1838): Young 1954:131 (Alabama, Florida, Georgia); 1979a:1 (Alabama, Florida, Virginia); 1979b:427 (Alabama, Florida, Georgia, South Carolina); Folkerts 1978:347 (? Alabama); Turnbow & Smith 1983:439 (Georgia); Nilsson 2005:129 (cat.).
Suphisellus punctipennis (Sharp, 1882) (misident.): Young 1954:132 (Florida).
DISTRIBUTION: (NA) US (Alabama, Florida, Georgia, South Carolina, Virginia).

globosus (Régimbart, 1903) NT

Canthydrus globosus Régimbart, 1903c:62; TL: Brazil >Mato Grosso >Cuiabá (Cuyabá) >Coxipó da Ponte (Coxipò); Syntypes MSNG; N. COMB.: Nilsson 2005:129.

Canthydrus globosus Régimbart, 1903c:62 (orig. descr., Brazil); Zimmermann 1920a:10 (South America); Blackwelder 1944:73 (South America).

Suphisellus globosus (Régimbart, 1903): Nilsson 2005:129 (cat.).
DISTRIBUTION: (NT) Brazil.

***grammicus* (Sharp, 1882) NT**

Canthydrus gramicus Sharp, 1882a:274; TL: Brazil >Amazonas; Syntypes BMNH; N. COMB.: Zimmermann 1925a:1.

Canthydrus gramicus Sharp, 1882a:274 (orig. descr., Brazil); Branden 1885:16 (Brazil); Régimbart 1903c:64 (Argentina, Brazil); Zimmermann 1919:117 (Paraguay); 1920a:10 (Argentina, Brazil, Paraguay); Gschwendtner 1954:109 (Argentina, Brazil, Paraguay, Peru).
Suphisellus gramicus (Sharp, 1882): Zimmermann 1925a:1 (Paraguay); Blackwelder 1944:73 (Argentina, Brazil, Paraguay); Guignot 1957b:4 (Bolivia); Nilsson 2005:129 (cat.).

DISTRIBUTION: (NT) Argentina, Bolivia, Brazil, Paraguay, Peru.

***grammopterus* (Régimbart, 1889) NT**

Canthydrus grammopterus Régimbart, 1889d:390 [April]; TL: Brazil >Mato Grosso; Syntypes MNHN; N. COMB.: Zimmermann 1921:205.

Canthydrus grammopterus Régimbart, 1889b:262 [May]; TL: Brazil >Mato Grosso; Syntypes MNHN; preoccupied by Régimbart 1889d:390; N. SYN.: Zimmermann 1920a:10.

Canthydrus grammopterus Régimbart, 1889d:390 (orig. descr., Brazil); 1889b:262 (second descr., Brazil); 1903c:64 (Brazil); Zimmermann 1920a:10 (Brazil); Blackwelder 1944:73 (Brazil).
Suphisellus grammopterus (Régimbart, 1889): Zimmermann 1921:205 (Brazil); Guignot 1957b:4 (Bolivia); 1957c:361 (Venezuela); Nilsson 2005:129 (cat.).

DISTRIBUTION: (NT) Bolivia, Brazil, Venezuela.

***grossus* (Sharp, 1882) NT**

Canthydrus grossus Sharp, 1882a:270; TL: Brazil >Pernambuco province; Holotype IRSNB; N. COMB.: Zimmermann 1921:205.

Canthydrus grossus Sharp, 1882a:270 (orig. descr., Brazil); Branden 1885:16 (Brazil); Régimbart 1889b:257 (Argentina, Brazil); Zimmermann 1920a:11 (Brazil).

Suphisellus grossus (Sharp, 1882a:270); Zimmermann 1921:205 (Brazil); 1925a:1 (Paraguay); Blackwelder 1944:73 (Argentina, Brazil, Paraguay); Nilsson 2005:130 (cat.).

DISTRIBUTION: (NT) Argentina, Brazil, Paraguay.

***hieroglyphicus* Zimmermann, 1921 NT**

Suphisellus hieroglyphicus Zimmermann, 1921:187; TL: Brazil >Mato Grosso do Sul >Corumbá; Syntypes ZSM.

Suphisellus hieroglyphica Zimmermann, 1921 (misspell.); Blackwelder 1944:73 (South America).

Suphisellus hieroglyphicus Zimmermann, 1921:187 (orig. descr., Brazil); Guignot 1958b:38 (Brazil); 1961b:314 (Brazil); Nilsson 2005:130 (cat.).

DISTRIBUTION: (NT) Brazil.

***insularis* (Sharp, 1882) NA NT**

Canthydrus insularis Sharp, 1882a:270; TL: Cuba >Villa Clara province >Santo Domingo; Holotype MNHN; DESCR.: Young 1979b:421; N. COMB.: Young 1979b:421.

Canthydrus floridanus Blatchley, 1914:63; TL: US >Florida >Dade County >Royal Palm State Park; LT: Young 1979b:422 BMNH; N. SYN.: Young 1979b:422.

Canthydrus similis Sharp, 1887:748; TL: Mexico >Veracruz province >Veracruz; LT: Young 1979b:422 BMNH; N. SYN.: Young 1979b:422.

Canthydrus simplex Sharp, 1882b:5; TL: Guatemala >Escuintla district >Paso Antonio; LT: Young 1979b:422 BMNH; N. SYN.: Young 1979b:422.

Canthydrus floridanus Blatchley 1914:63 (orig. descr., Florida); Leng & Mutchler 1918:77 (Florida).

Canthydrus insularis Sharp, 1882a:270 (orig. descr., Cuba); Branden 1885:16 (Cuba); Zimmermann 1920a:11 (Haiti); Blackwelder 1944:73 (Hispaniola).

Canthydrus similis Sharp, 1887:748 (orig. descr., Mexico); Blackwelder 1944:73 (Mexico).

Canthydrus simplex Sharp, 1882b:5 (orig. descr., Guatemala); Branden 1885:18 (Guatemala); Régimbart 1895a:340 (Mexico); Zimmermann 1920a:14 (Guatemala, Mexico); Blackwelder 1944:73 (Guatemala, Mexico).

Suphisellus floridanus (Blatchley, 1914): Young 1953b:114 (Florida); 1954:133 (Florida).

Suphisellus insularis (Sharp, 1882): Young 1979a:1 (Cuba, Guatemala, Hispaniola, Mexico, Puerto Rico, Florida); 1979b:421 (Cuba, Dominican Republic, Guatemala, Haiti, Mexico, Puerto Rico, Florida); Spangler 1981:167 (Cuba); Nilsson 2005:130 (cat.).

DISTRIBUTION: (NA) US (Florida); (NT) Cuba, Dominican Republic, Guatemala, Haiti, Mexico, Puerto Rico.

***levis* (Fall, 1909) NT**

Canthydrus levis Fall, 1909:161; TL: Mexico >Baja California >San José del Cabo; Holotype CAS; DESCR.: Young 1979b:423; N. COMB.: Young 1979b:423.

Canthydrus levis Fall, 1909:161 (orig. descr., Mexico); Leng 1920:76 (Mexico); Zimmermann 1920a:11 (North America).

Suphisellus levis (Fall, 1909): Young 1979a:1 (Mexico); 1979b:423 (Mexico); Nilsson 2005:130 (cat.).

DISTRIBUTION: (NT) Mexico.

lineatus (Horn, 1871) NA NT

Suphis lineatus Horn, 1871:329; TL: Mexico >Baja California >Cape San Lucas; Syntypes CAS; DESCR.: Young 1979b:415; N. COMB.: Young 1979b:417.

Canthydrus centralis Sharp, 1882a:274; TL: Guatemala >Retalhuleu district >San Geronimo; LT: Young 1979b:417 BMNH; N. SYN.: Young 1979b:415.

Hydrocanthus lineatus Wehncke, 1876:221; TL: Mexico; Syntypes MNHN; preoccupied by Horn 1871:329; N. SYN.: Young 1979b:415.

Canthydrus mexicanus Sharp, 1882b:6, as replacement name for *Canthydrus lineatus* Wehncke; TL: Mexico; Syntypes MNHN; N. SYN.: Young 1979b:415.

Canthydrus centralis Sharp, 1882a:274 (orig. descr., Guatemala); 1882b:6 (Guatemala); Branden 1885:16 (Guatemala); Zimmermann 1920a:10 (Guatemala); Blackwelder 1944:73 (Guatemala).

Canthydrus lineatus (Horn, 1871): Sharp 1882a:273 (Mexico); Branden 1885:17 (! California); Leng 1920:76 (Mexico); Zimmermann 1920a:11 (! California).

Canthydrus mexicanus Sharp, 1882b:6 (orig. descr.; Mexico); Branden 1885:17 (Mexico); Zimmermann 1920a:12 (Mexico); Blackwelder 1944:73 (Mexico).

Hydrocanthus lineatus Wehncke, 1876:221 (orig. descr., Mexico).

Suphis lineatus Horn, 1871:329 (orig. descr., Mexico); Crotch 1873:397 (Mexico).

Suphisellus lineatus (Horn, 1871): Young 1979a:1 (British Honduras, Guatemala, Mexico); 1979b:417 (British Honduras, Guatemala, Mexico, Texas); Nilsson 2005:130 (cat.).

DISTRIBUTION: (NA) US (Texas); (NT) Belize, Guatemala, Mexico.

majusculus (Sharp, 1882) NT

Canthydrus majusculus Sharp, 1882b:6; TL: Panama; LT: Young 1979b:423 BMNH; DESCR.: Young 1979b:423; N. COMB.: Young 1979b:423.

Canthydrus majusculus Sharp, 1882b:6 (orig. descr., Panama); Branden 1885:17 (Panama); Zimmermann 1920a:12 (Panama); Blackwelder 1944:73 (Panama).

Suphisellus majusculus (Sharp, 1882): Young 1979a:2 (Panama, South America); 1979b:423 (? Colombia, Panama, Venezuela); Nilsson 2005:131 (cat.).

DISTRIBUTION: (NT) ? Colombia, Panama, Venezuela.

melzeri Zimmermann, 1925 NT

Suphisellus melzeri Zimmermann, 1925b:254; TL: Brazil >São Paulo >Santa Amaro; Syntypes ZSM.

Suphisellus melzeri Zimmermann, 1925b:254 (orig. descr., Brazil); Blackwelder 1944:73 (Brazil); Nilsson 2005:131 (cat.).

DISTRIBUTION: (NT) Brazil.

minimus Gschwendtner, 1922 NT

Suphisellus minimus Gschwendtner, 1922:135; TL: Brazil >São Paulo province >Ribeirão Preto; Holotype OLML.

Suphisellus minimus Gschwendtner, 1922:135 (orig. descr., Brazil); Blackwelder 1944:73 (Brazil); Nilsson 2005:131 (cat.).

DISTRIBUTION: (NT) Brazil.

neglectus Young, 1979 NT

Suphisellus neglectus Young, 1979b:419; TL: Colombia >Magdalena >Isla Salamanca NP; Holotype UMMZ.

Suphisellus neglectus Young, 1979b:419 (orig. descr., British Honduras, Colombia, Guatemala, ? Mexico, Panama); 1979a:2 (Mexico, Central America, South America); Nilsson 2005:131 (cat.).

DISTRIBUTION: (NT) Belize, Colombia, Guatemala, ? Mexico, Panama.

nigrinus (Aubé, 1838) NT

Hydrocanthus nigrinus Aubé, 1838:411; TL: Antilles, Brazil; Syntypes MNHN; DESCR.: Young 1979b:424; N. COMB.: Zimmermann 1921:205.

Canthydrus rufipes Sharp, 1882a:273; TL: Cuba; LT: Young 1979b:424 BMNH; N. SYN.: Young 1979b:424.

Canthydrus nigrinus (Aubé, 1838): Sharp 1882a:273 (Antilles, Brazil); Branden 1885:17 (South America); Régimbart 1889c:261 (Argentina, Paraguay); 1889e:384 (Venezuela); Fleutiaux & Sallé 1890:370 (Guadeloupe); Régimbart 1903c:64 (Argentina, Brazil, Paraguay); Zimmermann 1919:116 (Central and South America); 1920a:12 (South America).

Canthydrus rufipes Sharp, 1882a:273 (orig. descr., Brazil, Cuba); 1882b:7 (Brazil, Cuba, Guatemala, Nicaragua, Panama); 1887:749 (Mexico); Branden 1885:18 (Brazil, Cuba); Régimbart 1895a:342 (Mexico); 1903c:64 (Argentina, Brazil, Uruguay); Zimmermann 1919:117 (Argentina); 1920a:13 (Argentina, Brazil, Cuba, Mexico); Blackwelder 1944:73 (Argentina, Brazil, Chaco, Cuba, Mexico, Nicaragua, Panama).

Hydrocanthus nigrinus Aubé, 1838:411 (orig. descr., Antilles, Brazil); Gemminger & Harold 1868:444 (Antillae).

Suphisellus nigrinus (Aubé, 1838); Zimmermann 1921:205 (Brazil); 1925a:1 (Paraguay); Blackwelder 1944:73 (Argentina, Brazil, Guadeloupe, Paraguay); Guignot 1957b:4 (Bolivia); Young 1979a:2 (Cuba, Mexico, Panama, South America, West Indies); 1979b:424 (Antigua, Bolivia, Brazil, Colombia, Costa Rica, Cuba, Ecuador, Jamaica, Mexico, Panama, Suriname, Trinidad, Venezuela); Spangler 1981:167 (Cuba); Ellenrieder & Fernández 2000:35 (Argentina); Benetti & Hamada 2003:704 (Brazil); Nilsson 2005:131 (cat.).

Suphisellus rufipes (Sharp, 1882): Benetti & Hamada 2003:704 (Brazil).

DISTRIBUTION: (NT) Antigua, Argentina, Bolivia, Brazil, Colombia, Costa Rica, Cuba, Ecuador, Guadeloupe, Guatemala, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Suriname, Trinidad, Uruguay, Venezuela.

obesus (Régimbart, 1903) NT

Canthydrus obesus Régimbart, 1903c:59; TL: Argentina >Buenos Aires <Uruguay >Mosquitos; Syntypes MSNG; N. COMB.: Ellenrieder & Fernández 2000:35.

Canthydrus obesus Régimbart, 1903c:59 (orig. descr., Argentina, Uruguay); Zimmermann 1919:116 (Argentina); 1920a:12 (Argentina); Blackwelder 1944:73 (Argentina).

Suphisellus obesus (Régimbart, 1903): Ellenrieder & Fernández 2000:35 (Argentina); Nilsson 2005:132 (cat.).

DISTRIBUTION: (NT) Argentina, Uruguay.

obscuripennis (Régimbart, 1889) NT

Canthydrus obscuripennis Régimbart, 1889b:257; TL: Argentina >Chaco province >Resistencia; Syntypes MNHN; N. COMB.: Zimmermann 1921:205.

Canthydrus obscuripennis Régimbart, 1889b:257 (orig. descr., Argentina); Zimmermann 1920a:12 (Brazil); Blackwelder 1944:73 (Argentina, Brazil).

Suphisellus obscuripennis (Régimbart, 1889): Zimmermann 1921:205 (Brazil); Nilsson 2005:132 (cat.).

DISTRIBUTION: (NT) Argentina, Brazil.

ovatus (Sharp, 1882) NT

Canthydrus ovatus Sharp, 1882a:270; TL: Brazil >Rio de Janeiro province >Santa Rita [da Floresta]; Holotype BMNH; N. COMB.: Nilsson 2005:132.

Canthydrus ovatus Sharp, 1882a:270 (orig. descr., Brazil); Zimmermann 1920a:12 (Brazil); Branden 1885:17 (Brazil); Blackwelder 1944:73 (Argentina, Brazil).

Suphisellus ovatus (Sharp, 1882): Nilsson 2005:132 (cat.).

DISTRIBUTION: (NT) Argentina, Brazil.

parsonsi Young, 1952 NA

Suphisellus parsonsi Young, 1952:157; TL: US >Florida >Highlands County >Sebring; Holotype CAS; DESCR.: Young 1979b:423.

Suphisellus parsoni Young, 1952 (misspell.): Young 1979b:423 (Florida, Georgia); Turnbow & Smith 1983:439 (Georgia).

Suphisellus parsonsi Young, 1952:157 (orig. descr., Florida); 1954:133 (Florida); 1979a:2 (Florida, Georgia); Nilsson 2005:132 (cat.).

DISTRIBUTION: (NA) US (Florida, Georgia).

penthimus Guignot, 1957 NT

Suphisellus penthimus Guignot, 1957a:41; TL: Brazil >Pará province >Cachimbo; Holotype ZASP.

Suphisellus penthimus Guignot, 1957a:41 (orig. descr., Brazil); Nilsson 2005:132 (cat.).

DISTRIBUTION: (NT) Brazil.

pereirai Guignot, 1958 NT

Suphisellus pereirai Guignot, 1958b:37; TL: Brazil >Mato Grosso do Sul >Salobra; Holotype MNHN.

Suphisellus pereirai Guignot, 1961b:314; TL: Brazil >Mato Grosso do Sul >Salobra; Syntypes MNHN; preoccupied by Guignot 1958b:37; N. SYN.: Nilsson 2005:132.

Suphisellus pereirai Guignot, 1958b:37 (orig. descr., Brazil); 1961b:314 (second descr., Brazil); Nilsson 2005:132 (cat.).

DISTRIBUTION: (NT) Brazil.

phenax Guignot, 1954 NT

Suphisellus phenax Guignot, 1954b:198; TL: Brazil >Santa Catarina province >Nova Teutônia; Holotype MNHN.

Suphisellus phenax Guignot, 1954b:198 (orig. descr., Brazil); 1957a:42 (Brazil); Nilsson 2005:133 (cat.).

DISTRIBUTION: (NT) Brazil.

pinguiculus (Régimbart, 1903) NT

Canthydrus pinguiulus Régimbart, 1903c:62; TL: Argentina >Buenos Aires <Brazil >São Paulo >Agua Branca, Araca; Syntypes MSNG; N. COMB.: Zimmermann 1921:206.

Canthydrus pinguiulus Régimbart, 1903c:62 (orig. descr., Argentina, Brazil); Zimmermann 1919:115 (Argentina); 1920a:12 (Argentina); Blackwelder 1944:73 (Argentina, Brazil).

Suphisellus pinguiulus (Régimbart, 1903): Zimmermann 1921:206 (Brazil); Ellenrieder & Fernández 2000:35 (Argentina); Nilsson 2005:133 (cat.).

DISTRIBUTION: (NT) Argentina, Brazil.

puncticollis (Crotch, 1873) NA

Suphis puncticollis Crotch, 1873:397; TL: North America; Syntypes MCZ; DESCR.: Young 1979b:418; N. COMB.: Young 1954:131.

Canthydrus puncticollis (Crotch, 1873): Branden 1885:17 (North America); Leng & Mutchler 1918:77 (Florida); Leng 1920:76 (Florida, Massachusetts); Zimmermann 1920a:13 (North America).

Suphis puncticollis Crotch, 1873:397 (orig. descr., North America).

Suphisellus puncticollis (Crotch, 1873): Young 1954:131 (Florida, Massachusetts, Michigan); 1979b:418 (Ontario, Florida, Georgia, Indiana, Michigan, New York, North Carolina, South Carolina, Virginia); Folkerts 1978:347 (Alabama); Turnbow & Smith 1983:439 (Georgia); White et al. 1985:361 (Indiana); Roughley 1991:62 (Ontario); Hilsenhoff 1992:68 (Wisconsin); Downie & Arnett 1996:267 (Ontario, Florida, Georgia, Indiana, Maryland, Massachusetts, Michigan, New York, North Carolina, Pennsylvania, South Carolina, Virginia); Chapman 1998:46 (Ohio); Whiteman & Sites 2003:226 (Missouri); Nilsson 2005:133 (cat.).
DISTRIBUTION: (NA) Canada (Ontario), US (Alabama, Florida, Georgia, Indiana, Maryland, Massachusetts, Michigan, Missouri, New York, North Carolina, Ohio, Pennsylvania, South Carolina, Virginia, Wisconsin).

remator (Sharp, 1882) NT

Canthydrus remator Sharp, 1882a:272; TL: Uruguay; Syntypes BMNH; N. COMB.: Zimmermann 1921:205.

Canthydrus infuscatus Régimbart, 1889b:261; TL: Argentina >Chaco province >Resistencia <<Paraguay; Syntypes MNHN; N. SYN.: Zimmermann 1919:116.

Canthydrus infuscatus Régimbart, 1889b:261 (orig. descr., Argentina, Paraguay); 1903c:63 (Argentina); Zimmermann 1920a:11 (Brazil, Paraguay).

Canthydrus remator Sharp, 1882a:272 (orig. descr., Uruguay); Branden 1885:17 (Uruguay); Régimbart 1889b:261 (Argentina); 1903c:63 (Argentina, Uruguay); Zimmermann 1919:116; 1920a:13 (South America); Blackwelder 1944:73 (Argentina, Brazil, Chile); Moroni 1973:193 (Chile, Uruguay).

Suphisellus infusata Régimbart, 1889 (misspell.): Blackwelder 1944:73 (Argentina, Brazil, Paraguay).

Suphisellus infuscatus (Régimbart, 1889): Zimmermann 1925a:1 (Argentina); Guignot 1957b:4 (Bolivia).

Suphisellus remator (Sharp, 1882): Zimmermann 1921:205 (Brazil); Nilsson 2005:133 (cat.).

DISTRIBUTION: (NT) Argentina, Bolivia, Brazil, Chile, Paraguay, Uruguay.

rotundatus (Sharp, 1882) NT

Canthydrus rotundatus Sharp, 1882a:270; TL: Brazil >Pernambuco province; Holotype IRSNB; N. COMB.: Zimmermann 1921:205.

Canthydrus rotundatus Sharp, 1882a:270 (orig. descr., Brazil); Branden 1885:17 (Brazil); Régimbart 1889b:257 (Argentina, Brazil); 1903c:63 (Brazil); Zimmermann 1920a:13 (Brazil); Blackwelder 1944:73 (Argentina, Brazil).

Suphisellus rotundatus (Sharp, 1882): Zimmermann 1921:205 (Brazil); Nilsson 2005:133 (cat.).

DISTRIBUTION: (NT) Argentina, Brazil.

rubripes (Boheman, 1858) NT

Hydrocanthus rubripes Boheman, 1858:19; TL: Uruguay >Montevideo; Syntypes NHRS; N. COMB.: Nilsson 2005:134.

Canthydrus rubripes (Boheman, 1858): Branden 1885:18 (Uruguay); Zimmermann 1920a:13 (Uruguay); Blackwelder 1944:73 (Argentina, Uruguay).

Hydrocanthus rubripes Boheman, 1858:19 (orig. descr., Uruguay); Gemminger & Harold 1868:444 (Montevideo).

Suphisellus rubripes (Boheman, 1858): Nilsson 2005:134 (cat.).

DISTRIBUTION: (NT) Argentina, Uruguay.

rufulus Zimmermann, 1921 NT

Suphisellus rufulus Zimmermann, 1921:188; TL: Brazil >Mato Grosso do Sul >Corumbá; Syntypes ZSM.

Suphisellus rufulus Zimmermann, 1921:188 (orig. descr., Brazil); Blackwelder 1944:73 (South America); Guignot 1957b:5 (Bolivia); Nilsson 2005:134 (cat.).

DISTRIBUTION: (NT) Bolivia, Brazil.

sculpturatus (Sharp, 1882) NT

Canthydrus sculpturatus Sharp, 1882a:269; TL: Brazil >Rio de Janeiro province >Santa Rita [da Floresta]; Holotype BMNH; N. COMB.: Nilsson 2005:134.

Canthydrus sculpturatus Sharp, 1882a:269 (orig. descr., Brazil); Branden 1885:18 (Brazil); Régimbart 1895a:341 (Brazil); Zimmermann 1920a:13 (Brazil); Blackwelder 1944:73 (Brazil).

Suphisellus sculpturatus (Sharp, 1882): Nilsson 2005:134 (cat.).

DISTRIBUTION: (NT) Brazil.

sexnotatus (Régimbart, 1889) NT

Canthydrus sexnotatus Régimbart, 1889b:259; TL: Brazil >Mato Grosso; Holotype MNHN; N. COMB.: Zimmermann 1921:205.

Canthydrus sexnotatus Régimbart, 1889b:259 (orig. descr., Brazil); Régimbart 1903c:61 (Brazil); Zimmermann 1920a:13 (Brazil); Blackwelder 1944:73 (Brazil).

Suphisellus sexnotatus (Régimbart, 1889): Zimmermann 1921:205 (Brazil); Nilsson 2005:134 (cat.).

DISTRIBUTION: (NT) Brazil.

similis Zimmermann, 1921 NT

Suphisellus similis Zimmermann, 1921:188; TL: Brazil >Mato Grosso do Sul >Corumbá; Syntypes ZSM.

Suphisellus similis Zimmermann, 1921:188 (orig. descr., Brazil); Blackwelder 1944:73 (South America); Nilsson 2005:134 (cat.).

DISTRIBUTION: (NT) Brazil.

***simoni* (Régimbart, 1889) NT**

Canthydrus simoni Régimbart, 1889e:383; TL: Venezuela >Caracas >Laguna de Espino, Puerto-Cabello; Syntypes MNHN; DESCR.: Young 1979b:418; N. COMB.: Young 1979b:418.

Canthydrus simoni Régimbart, 1889e:383 (orig. descr., Argentina, Brazil, Paraguay, Venezuela); Zimmermann 1920a:14 (Venezuela); Blackwelder 1944:73 (Venezuela).

Suphisellus simoni (Régimbart, 1889): Young 1979a:2 (Mexico, Panama, South America); 1979b:411 (Colombia, Mexico, Panama, Venezuela); Nilsson 2005:134 (cat.).

DISTRIBUTION: (NT) Argentina, Brazil, Colombia, Mexico, Panama, Paraguay, Venezuela.

***subsignatus* (Sharp, 1882) NT**

Canthydrus subsignatus Sharp, 1882a:271; TL: Panama; Holotype BMNH; DESCR.: Young 1979b:421; N. COMB.: Young 1979b:421.

Canthydrus subsignatus Sharp, 1882a:271 (orig. descr., Panama); 1882b:6 (Panama); Branden 1885:18 (Panama); Zimmermann 1920a:14 (Panama); Blackwelder 1944:73 (Panama, ! Guadeloupe).

Suphisellus subsignatus (Sharp, 1882): Young 1979a:2 (Panama, South America); 1979b:421 (Colombia, Panama, ! Guadeloupe); Nilsson 2005:134 (cat.).

DISTRIBUTION: (NT) Colombia, Panama.

***tenuicornis* (Chevrolat, 1863) NT**

Hydrocanthus tenuicornis Chevrolat, 1863:199; TL: Cuba >Havana; Syntypes IRSNB; DESCR.: Young 1979b:426; N. COMB.: Young 1979b:426.

Canthydrus tenuicornis (Chevrolat, 1863): Sharp 1882a:271 (Cuba); Branden 1885:18 (Cuba); Zimmermann 1920a:14 (Cuba); Blackwelder 1944:73 (Cuba).

Hydrocanthus tenuicornis Chevrolat, 1863:199 (orig. descr., Cuba); Gemminger & Harold 1868:444 (Cuba).

Suphisellus tenuicornis (Chevrolat, 1863): Young 1979a:2 (Cuba); 1979b:426 (Cuba); Spangler 1981:167 (Cuba); Nilsson 2005:135 (cat.).

DISTRIBUTION: (NT) Cuba.

***transversus* (Régimbart, 1903) NT**

Canthydrus transversus Régimbart, 1903c:61; TL: Argentina >Buenos Aires <Uruguay >Mosquitos; Syntypes MSNG; N. COMB.: Zimmermann 1921:205.

Canthydrus transversus Régimbart, 1903c:61 (orig. descr., Argentina, Uruguay); Zimmermann 1919:115 (Argentina); 1920a:14 (Argentina, Uruguay); Blackwelder 1944:73 (Argentina, Brazil, Uruguay).

Suphisellus transversus (Régimbart, 1903): Zimmermann 1921:205 (Brazil); Guignot 1957b:5 (Bolivia); Nilsson 2005:135 (cat.).

DISTRIBUTION: (NT) Argentina, Bolivia, Brazil, Uruguay.

***vacuifer* Guignot, 1958 NT**

Suphisellus vacuifer Guignot, 1958b:37; TL: Brazil >Mato Grosso do Sul >Corumbá; Holotype MNHN.

Suphisellus vacuifer Guignot, 1961b:313; TL: Brazil >Mato Grosso do Sul >Corumbá; Syntypes MNHN; preoccupied by Guignot 1958b:37; N. SYN.: Nilsson 2005:135.

Suphisellus vacuifer Guignot, 1958b:37 (orig. descr., Brazil); 1961b:313 (second descr., Brazil); Nilsson 2005:135 (cat.).

DISTRIBUTION: (NT) Brazil.

***varians* (Sharp, 1882) NT**

Canthydrus varians Sharp, 1882b:5; TL: Guatemala >Escuintla district >Paso Antonio; LT: Young 1979b:421 BMNH; DESCR.: Young 1979b:421; N. COMB.: Young 1979b:421.

Canthydrus varians Sharp, 1882b:5 (orig. descr., Guatemala); Branden 1885:18 (Guatemala); Zimmermann 1920a:14 (Guatemala); Blackwelder 1944:73 (Guatemala).

Suphisellus varians (Sharp, 1882): Young 1979a:2 (British Honduras, Guatemala, Nicaragua); 1979b:421 (British Honduras, Guatemala, Nicaragua); Nilsson 2005:135 (cat.).

DISTRIBUTION: (NT) Belize, Guatemala, Nicaragua.

***variicollis* Zimmermann, 1921 NT**

Suphisellus variicollis Zimmermann, 1921:187; TL: Argentina >Santa Fé province <Brazil >Mato Grosso do Sul >Corumbá; Syntypes ZSM.

Suphisellus variicollis Zimmermann, 1921:187 (orig. descr., Argentina, Brazil); Blackwelder 1944:73 (Argentina, Brazil); Guignot 1957b:5 (Bolivia); 1958b:38 (Argentina, Brazil); 1961b:314 (Argentina, Brazil); Nilsson 2005:135 (cat.).

DISTRIBUTION: (NT) Argentina, Bolivia, Brazil.

***vicinus* (Sharp, 1882) NT**

Canthydrus vicinus Sharp, 1882a:269; TL: Brazil >Rio de Janeiro province >Santa Rita [da Floresta]; Syntypes BMNH; N. COMB.: Nilsson 2005:135.

Canthydrus vicinus Sharp, 1882a:269 (orig. descr., Brazil); Branden 1885:18 (Brazil); Zimmermann 1920a:14 (Brazil); Blackwelder 1944:73 (Brazil).

Suphisellus vicinus (Sharp, 1882): Nilsson 2005:135 (cat.).
DISTRIBUTION: (NT) Brazil.

Genus *Synchortus* Sharp, 1880 AF PL (9 spp.)

Synchortus Sharp, 1880:cxlviii; gender masculine; type species: *Hydrocanthus asperatus* Fairmaire, 1869:188 by monotypy; DESCR.: Guignot 1959a:474.

abditus Guignot, 1959 AF

Synchortus abditus Guignot, 1959b:155; TL: Zaire >Lake Albert NP >Kasenyi; Holotype MRAC; DESCR.: Omer-Cooper 1972:41.

Synchortus abditus Guignot, 1956a:218 (nomen nudum; Senegal); 1959b:155 (orig. descr., Zaire); Omer-Cooper 1972:41 (Ethiopia, Nigeria, Senegal, Sudan, Zaire); Medler 1980:153 (Nigeria); Nilsson 2005:136 (cat.).
DISTRIBUTION: (AF) Ethiopia, Nigeria, Senegal, Sudan, Zaire.

asperatus (Fairmaire, 1869) AF

Hydrocanthus asperatus Fairmaire, 1869:188; TL: Madagascar; Syntypes MNHN; N. COMB.: Sharp 1880:cxlvii.
Synchortus duplicatus Sharp, 1882a:264; TL: Madagascar; Syntypes BMNH; N. SYN.: Régimbart 1895b:121.
Synchortus asperatus squamosus Guignot, 1942b:17; TL: Madagascar >Maroantsetra; Holotype MNHN; N. SYN.: Nilsson 2005:136.

Hydrocanthus asperatus Fairmaire, 1869:188 (orig. descr., Madagascar).
Synchortus asperatus (Fairmaire, 1869): Sharp 1882a:264 (Madagascar); Branden 1885:14 (Madagascar); Régimbart 1895b:121 (Madagascar); Alluaud 1900:62 (Madagascar); Zimmermann 1920a:6 (Madagascar); Guignot 1959a:478 (Madagascar); Rocchi 1993:85 (Madagascar); Nilsson 2005:136 (cat.).
Synchortus asperatus squamosus Guignot, 1942b:17 (orig. descr., Madagascar).
Synchortus duplicatus Sharp, 1882a:264 (orig. descr., Madagascar); Branden 1885:14 (Madagascar); Kolbe 1883:398 (Madagascar).
DISTRIBUTION: (AF) Madagascar.

dabbenei Régimbart, 1895 AF

Synchortus dabbenei Régimbart, 1895b:121; TL: Sudan >White Nile >Ladò; Holotype MSNG.

Synchortus dabbenei Régimbart, 1895b:121 (orig. descr., Sudan); Zimmermann 1920a:6 (East Afrika); Guignot 1959a:480 (Sudan); Nilsson 2005:136 (cat.).
DISTRIBUTION: (AF) Sudan.

desaegeri Gschwendtner, 1935 AF

Synchortus desaegeri Gschwendtner, 1935a:372; TL: Zaire >Tanganyika-Moero; Holotype MRAC; DESCR.: Omer-Cooper 1972:39.
Synchortus desaegeri Gschwendtner, 1936:17; TL: Zaire >Tanganyika-Moero; Holotype MRAC; preoccupied by Gschwendtner 1935a:372; objective synonym of *Synchortus desaegeri* Gschwendtner, 1935a:372.
Hydrocoptus rhipax Guignot, 1959b:152; TL: Zaire >Lake Edward NP >Vitshumbi; Holotype MRAC; N. SYN.: Guignot 1959c:231.

Hydrocoptus hipax Guignot, 1959 (misspell.): Guignot 1959c:231.
Hydrocoptus rhipax Guignot, 1959b:152 (orig. descr., Zaire).
Synchortus desaegeri Gschwendtner, 1935a:372 (orig. descr., Zaire), 1936:17 (2nd descr.); Guignot 1959a:475 (Tanzania, Zaire); Omer-Cooper 1972:39 (Sudan, Zaire); Bilardo & Pederzani 1978:116 (? Gabon); Bilardo & Rocchi 1987:101 (Botswana); 1990:175 (Gabon); Nilsson 2005:136 (cat.).
Synchortus saegeri Gschwendtner, 1935 (misspell.): Guignot 1959c:231.
DISTRIBUTION: (AF) Botswana, Gabon, Sudan, Tanzania, Zaire.

imbricatus (Klug, 1853) AF PL

Noterus imbricatus Klug, 1853:249; TL: Mocambique >Tette; LT: Saleh Ahmed et al. 1997:108 ZMHB; DESCR.: Saleh Ahmed et al. 1997:108; N. COMB.: Sharp 1882a:264.
Synchortus aequatorius Guignot, 1936a:38; TL: Uganda >Toro >Vijongo lake; Holotype MNHN; N. SYN.: Omer-Cooper 1972:36.
Synchortus simplex var. *echinatus* Régimbart, 1895b:120; TL: Congo >Quilou river >Loango; LT: Saleh Ahmed et al. 1997:108 MNHN; N. SYN.: Saleh Ahmed et al. 1997:108.
Synchortus aequatorius var. ♀ *fragosus* Guignot, 1947b:25; TL: Zaire >Albert NP >Katoué; Syntypes MRAC; N. SYN.: Nilsson 2005:136.

Noterus imbricatus Klug, 1853:249 (orig. descr., Mozambique); Gemminger & Harold 1868:443 (Mozambique).
Synchortus aequatorius Guignot, 1936a:38 (orig. descr., Uganda); 1953b:234 (Zaire); 1959a:477 (Zaire); 1959b:153 (Zaire).
Synchortus aequatorius var. ♀ *fragosus* Guignot, 1947b:25 (orig. descr., Zaire).
Synchortus echinatus Régimbart, 1895b:120 (orig. descr., Congo).
Synchortus imbricatus (Klug, 1853): Sharp 1882a:264 (East Africa); Branden 1885:14 (Mozambique); Régimbart 1895b:121 (Mocambique); Zimmermann 1920a:6 (East Africa); J. Balfour-Browne 1939b:476 (Mozambique, Uganda); Guignot 1959a:480 (Mozambique); Omer-Cooper 1965:69 (Mozambique); 1972:36 (Equatorial Guinea, Ethiopia, Malawi, Mozambique, Nigeria, South Africa, Sudan); Medler 1980:153 (Nigeria); Pederzani & Rocchi 1982:71 (Congo); Franciscolo & Sanfilippo 1986:28 (Congo, Equatorial Guinea, Ethiopia, Malawi, Mozambique, Nigeria, Sierra Leone, Sudan, South Africa); Saleh Ahmed et al. 1997:108 (Egypt); Zalut et al. 2000:12 (Egypt); Nilsson 2003:34 (Egypt, Sinai); 2005:136 (cat.).
Synchortus simplex Sharp, 1882 (misident. vide Omer-Cooper 1972:36); Guignot 1936a:38 (Ethiopia); 1953b:234 (Zaire); 1954a:20 (Zaire); 1956f:87 (Mali); 1959a:476 (Equatorial Guinea, Sudan, Zaire); 1959b:153 (Zaire); Omer-Cooper 1957a:364 (Malawi); 1965:69 (Mozambique, South Africa).

DISTRIBUTION: (AF) Congo, Equatorial Guinea, Ethiopia, Malawi, Mali, Mozambique, Nigeria, Sierra Leone, South Africa, Sudan, Uganda, Zaire; (PL) Egypt.

***leleupi* Guignot, 1956 AF**

Synchortus leleupi Guignot, 1956c:50; TL: Zaire >Tumba lake >Lotende river; Holotype MRAC; DESCR.: Omer-Cooper 1972:39.

Synchortus leleupi Guignot, 1956c:50 (orig. descr., Zaire); Omer-Cooper 1972:39 (Uganda, Zaire).

DISTRIBUTION: (AF) Uganda, Zaire.

***rugosopunctatus* (Wehncke, 1876) AF**

Hydrocanthus rugosopunctatus Wehncke, 1876:221; TL: Madagascar; Syntypes MNHN; DESCR.: Guignot 1959a:479; N. COMB.: Sharp 1882a:265.

Hydrocanthus rugosopunctatus Wehncke, 1876:221 (orig. descr., Madagascar); Paulino de Oliveira 1880:152 (? Angola).

Synchortus rugosopunctatus (Wehncke, 1876): Branden 1885:14 (Madagascar); Régimbart 1895b:121 (Madagascar); Alluud 1900:62 (Madagascar); Zimmermann 1920a:6 (Madagascar); Guignot 1959a:479 (Madagascar); Rocchi 1993:85 (Madagascar); Nilsson 2005:137 (cat.).

Synchortus rugoso-punctatus (Wehncke, 1876): Sharp 1882a:265 (Madagascar).

DISTRIBUTION: (AF) Madagascar.

***separatus* Omer-Cooper, 1972 AF**

Synchortus separatus Omer-Cooper, 1972:41; TL: Sudan >Lake Nyibor; Holotype BMNH.

Synchortus separatus Omer-Cooper, 1972:41 (orig. descr., Nigeria, Sudan); Medler 1980:153 (Nigeria); Nilsson 2005:137 (cat.).

DISTRIBUTION: (AF) Nigeria, Sudan.

***simplex* Sharp, 1882 AF**

Synchortus simplex Sharp, 1882a:264; TL: Gabon; Holotype BMNH; DESCR.: Omer-Cooper 1972:40.

Synchortus aciculatus Sharp, 1882a:264; TL: Gabon; Holotype BMNH; N. SYN.: Régimbart 1895b:120.

Synchortus sparsus Sharp, 1882a:264; TL: Gabon; Holotype BMNH; N. SYN.: Omer-Cooper 1972:40.

Synchortus aciculatus Sharp, 1882a:264 (orig. descr., Gabon); 1904:2 (Sudan); Branden 1885:14 (Gabon).

Synchortus simplex Sharp, 1882a:264 (orig. descr., Gabon); Branden 1885:14 (Gabon); Régimbart 1895b:120 (Congo, Ghana, Mali, Senegal); Zimmermann 1920a:6 (West Africa); 1926:20 (Tanzania); Omer-Cooper 1931:753 (Ethiopia); 1956:21 (Mozambique); 1972:40 (Ethiopia, Malawi, Mozambique, South Africa, Uganda, Zimbabwe); Gschwendtner 1932b:259 (Zaire); 1938a:4 (Zaire); 1938b:337 (Zaire); Medler 1980:153 (Nigeria); Bilardo & Rocchi 1987:101 (Botswana); 1990:175 (Gabon); 2002:155 (Gabon); Rocchi 2000:13 (Guinea); Reintjes 2004:48 (Ivory Coast); Vondel 2004:40 (Gambia); Nilsson 2005:137 (cat.).

Synchortus sparsus Sharp, 1882a:264 (orig. descr., Gabon); Branden 1885:14 (Gabon); Régimbart 1895b:120 (Benin, Ghana, Zaire); 1906:246 (Kenya); Zimmermann 1920a:6 (East & West Africa); Guignot 1936a:39 (Ethiopia, Kenya); 1952:520 (Benin); 1953b:234 (Zaire); 1955f:863 (Mauritania, Niger); 1956a:218 (Mauritania, Niger, Senegal, Sudan); 1956f:86 (Mali, Mauritania, Niger, Sudan); 1956g:318 (Zaire); 1959a:478 (Mauritania, Niger, Sudan, Zaire); 1959b:154 (Zaire); Omer-Cooper 1956:21 (Mozambique); 1957a:362 (Ethiopia, Gabon, Kenya, Malawi, Mozambique, South Africa, Swaziland, Tanzania, Uganda, Zaire, Zimbabwe); 1957b:5 (Ethiopia, Gabon, Ghana, Kenya, Niger, South Africa, Zaire); 1965:68 (Benin, Ethiopia, Gabon, Ghana, Kenya, Malawi, Mali, Mauritania, Mozambique, South Africa, Sudan, Tanzania, Uganda, Zaire, Zambia, Zimbabwe); Bilardo & Pederzani 1978:116 (Gabon, Ivory Coast).

DISTRIBUTION: (AF) Benin, Botswana, Ethiopia, Gabon, Gambia, Ghana, Guinea, Ivory Coast, Kenya, Malawi, Mali, Mauritania, Mozambique, Niger, Nigeria, Senegal, South Africa, Sudan, Swaziland, Tanzania, Uganda, Zaire, Zambia, Zimbabwe.

***ssp. horridus* Guignot, 1959 AF**

Synchortus sparsus horridus Guignot, 1959b:154; TL: Zaire >Lake Albert NP >Kasenyi; Holotype MRAC.

Synchortus sparsus horridus Guignot, 1959b:154 (orig. descr., Zaire); Nilsson 2005:138 (cat.).

DISTRIBUTION: (AF) Zaire.

Tribe PRNOTERINI (1 genus)

Pronoterini Nilsson, 2005:90, as tribe of Noterinae; type genus: *Pronoterus*.

Genus *Pronoterus* Sharp, 1882 NA NT (3 spp.)

Pronoterus Sharp, 1882a:263; gender masculine; type species: *Pronoterus punctipennis* Sharp, 1882a:263 by monotypy; DESCR.: Young 1954:126.

Pronoterus Sharp, 1880:cxlvii (nomen nudum).

***obscuripennis* Fleutiaux & Sallé, 1890 NT**

Pronoterus obscuripennis Fleutiaux & Sallé, 1890:369; TL: Guadeloupe >Pointe-à-Pitre; Syntypes MNHN.

Pronoterus obscuripennis Fleutiaux & Sallé, 1890:369 (orig. descr., Guadeloupe); Blackwelder 1944:73 (Guadeloupe); Young 1979a:2 (Guadeloupe); Nilsson 2005:138 (cat.).

DISTRIBUTION: (NT) Guadeloupe.

***punctipennis* Sharp, 1882 NT**

Pronoterus punctipennis Sharp, 1882a:263; TL: Brazil; Syntypes BMNH.

Pronoterus punctipennis Sharp, 1882a:263 (orig. descr., Brazil); Branden 1885:14 (Brazil); Régimbart 1889b:257 (Argentina); 1895a:340 (Brazil); Zimmermann 1920a:5 (Brazil); 1921:205 (Brazil); Blackwelder 1944:73 (Argentina, Brazil, Chaco); Benetti & Hamada 2003:704 (Brazil); Nilsson 2005:138 (cat.).
DISTRIBUTION: (NT) Argentina, Brazil.

***semipunctatus* (LeConte, 1878) NA**

Suphis semipunctatus LeConte, 1878:595; TL: US >Michigan >Monroe; Holotype MCZ; DESCR.: Young 1954:126; N. COMB.: Young 1954:126.

Canthydrus semipunctatus (LeConte, 1878): Branden 1885:18 (North America); Leng 1920:76 (Michigan); Zimmermann 1920a:13 (North America).

Pronoterus semipunctata (LeConte, 1878) (misspell.): Young 1979a:2 (Florida, ? Michigan).

Pronoterus semipunctatus (LeConte, 1878): Young 1954:126 (Florida, Michigan); Turnbow & Smith 1983:439 (Georgia); Downie & Arnett 1996:267 (Michigan); Nilsson 2005:138 (cat.).

Suphis semipunctatus LeConte, 1878:595 (orig. descr., Michigan).

DISTRIBUTION: (NA) US (Florida, Georgia, Michigan).

Tribe TONERINI (1 genus)

Tonerini K.B.Miller, 2009:201, as tribe of Noterinae; type genus: *Tonerus*.

Genus *Tonerus* K.B.Miller, 2009 NT (1 sp.)

Tonerus K.B.Miller, 2009:201; gender masculine; type species: *Tonerus wheeleri* K.B.Miller, 2009:201 by original designation.

***wheeleri* K.B.Miller, 2009 NT**

Tonerus wheeleri K.B.Miller, 2009:201; TL: Venezuela >Amazonas TF >40 km S of Puerto Ayacucho >El Tobogán >Caño Coromoto; Holotype MIZA.

Tonerus wheeleri K.B.Miller, 2009:201 (orig. descr., Venezuela).

DISTRIBUTION: (NT) Venezuela.

Subfamily NOTOMICRINAE (1 tribe)

Notomicrini Zimmermann, 1919:111, as tribe of Noterinae; type genus: *Notomicrus*; N. STAT.: Nilsson 2005:138 (cat.).

Tribe NOTOMICRINI (2 genera)

Notomicrini Zimmermann, 1919:111, as tribe of Noterinae; type genus: *Notomicrus*.

Genus *Notomicrus* Sharp, 1882 AU NA NT OR PC (10 spp.)

Notomicrus Sharp, 1882a:260; gender masculine; type species: *Notomicrus brevicornis* Sharp, 1882a:261 by subsequent designation of Guignot 1946a:115; DESCR.: Young 1978:286.

Notomicrus Sharp, 1880:cxlvii (nomen nudum).

***brevicornis* Sharp, 1882 NT**

Notomicrus brevicornis Sharp, 1882a:261; TL: Brazil >Ri de Janeiro province >Boa Sorte (Boa Sorta); Syntypes BMNH; DESCR.: Young 1978:288.

Notomicrus brevicornis Sharp, 1882a:261 (orig. descr., Brazil); Branden 1885:13 (Brazil); Régimbart 1904b:225 (French Guiana); Zimmermann 1920a:3 (Brazil, Guayana); 1921:205 (Brazil); Blackwelder 1944:72 (Argentina, Brazil, Br. Guyana); Young 1978:288 (Bolivia, Brazil, Suriname); Nilsson 2005:139 (cat.).

DISTRIBUTION: (NT) Argentina, Bolivia, Brazil, French Guiana, Guyana, Suriname.

***gracilipes* Sharp, 1882 NT**

Notomicrus gracilipes Sharp, 1882b:3; TL: Guatemala >Retalhuleu district >Paraiso; Syntypes BMNH; DESCR.: Young 1978:290.

Notomicrus gracilipes Sharp, 1882b:3 (orig. descr., Guatemala); Branden 1885:13 (Brazil); Zimmermann 1920a:3 (Guatemala); Blackwelder 1944:72 (Guatemala); Young 1978:290 (Brazil, Guatemala, Honduras, Mexico, Nicaragua, Panama); 1979a:1 (Mexico, Central America, South America); Nilsson 2005:139 (cat.).

Notomicrus traili Sharp, 1882 (misident. vide Young 1978:292); Régimbart 1895:340; 1903c:57 (Brazil).

DISTRIBUTION: (NT) Brazil, Guatemala, Honduras, Mexico, Nicaragua, Panama.

***huttoni* Young, 1978 NT**

Notomicrus huttoni Young, 1978:290; TL: Panama >Canal Zone >Albrook Forest Site; Holotype USNM.

Notomicrus huttoni Young, 1978:290 (orig. descr., Panama); 1979a:1 (Panama); Nilsson 2005:139 (cat.).
DISTRIBUTION: (NT) Panama.

***malkini* Young, 1978 NT**

Notomicrus malkini Young, 1978:291; TL: Brazil >Mato Grosso >Tapirapé; Holotype UMMZ.

Notomicrus malkini Young, 1978:291 (orig. descr., Brazil); Nilsson 2005:139 (cat.).
DISTRIBUTION: (NT) Brazil.

***nanulus* (LeConte, 1863) NA**

Hydrocanthus nanulus LeConte, 1863:22; TL: US >Louisiana; Syntypes MCZ; DESCR.: Young 1978:291; N. COMB.: Sherman 1913:52.

Canthydrus nanulus (LeConte, 1863); Branden 1885:17 (gen. dub., Amer. bor.); Zimmermann 1920a:12 (North America).

Hydrocanthus manulus LeConte, 1863 (misspell.); Gemminger & Harold 1868:444 (Louisiana).

Hydrocanthus nanulus LeConte, 1863:22 (orig. descr., Louisiana).

Notomicrus nanulus (LeConte, 1863); Sherman 1913:52 (Florida); Leng & Mutchler 1918:75 (Florida, Louisiana); Leng 1920:76 (Florida, Louisiana); Young 1954:124 (Florida, Louisiana); 1978:291 (Florida, Georgia, Louisiana); 1979a:1 (Florida, Georgia, Louisiana); Folkerts 1978:347 (Alabama); Turnbow & Smith 1983:439 (Georgia); Nilsson 2005:139 (cat.).

DISTRIBUTION: (NA) US (Alabama, Florida, Georgia, Louisiana).

***punctulatus* Fauvel, 1903 AU**

Notomicrus punctulatus Fauvel, 1903:244; TL: New Caledonia >Nouméa; Holotype MNHN; DESCR.: Toledo 2010:200.

Notomicrus punctulatus Fauvel, 1903:244 (orig. descr., New Caledonia); Zimmermann 1920a:3 (New Caledonia); Toledo 2010:200 (New Caledonia).

DISTRIBUTION: (AU) New Caledonia.

***reticulatus* Zimmermann, 1921 NT**

Notomicrus reticulatus Zimmermann, 1921:183; TL: Argentina >Santa Fé province; Holotype ZSM; DESCR.: Young 1978:291.

Notomicrus reticulatus Zimmermann, 1921:183 (orig. descr., Argentina); Blackwelder 1944:72 (Argentina); Young 1978:291 (Argentina, Uruguay); Ellenrieder & Fernández 2000:35 (Argentina); Nilsson 2005:139 (cat.).

DISTRIBUTION: (NT) Argentina, Uruguay.

***sharpi* J.Balfour-Browne, 1939 NA NT**

Notomicrus sharpi J.Balfour-Browne, 1939:98, as replacement name for *Notomicrus politus* Sharp, 1882b:3; TL: Guatemala >Paraiso, Paso Antonio; Syntypes BMNH; DESCR.: Young 1978:292.

Notomicrus politus Sharp, 1882b:3; TL: Guatemala >Paraiso, Paso Antonio; Syntypes BMNH; preoccupied by W.J. Macleay 1871:124; objective synonym of *Notomicrus sharpi* J.Balfour-Browne, 1939:98.

Notomicrus sharpi J.Balfour-Browne, 1939a:98 (replacement name, Guatemala); Young 1978:292 (Bahamas, Costa Rica, Dominican Republic, Guatemala, Jamaica, Mexico, Panama, Puerto Rico, Virgin Islands, Florida); 1979a:1 (Florida, Central America, West Indies); Spangler 1981:167 (Cuba); Nilsson 2005:139 (cat.).

Notomicrus politus Sharp, 1882b:3 (orig. descr., Guatemala); Branden 1885:13 (Guatemala); Zimmermann 1920a:3 (Guatemala); Blackwelder 1944:72 (Guatemala).

DISTRIBUTION: (NA) US (Florida); (NT) Bahamas, Costa Rica, Cuba, Dominican Republic, Guatemala, Jamaica, Mexico, Panama, Puerto Rico, Virgin Islands.

***tenellus* (Clark, 1863) AU OR PC**

Hydroporus tenellus Clark, 1863:427; TL: Indonesia >Java; Holotype BMNH; N. COMB.: Branden 1885:13; DESCR.: Toledo 2010:199.

Notomicrus laevigatus Sharp, 1882a:260; TL: Australia >Queensland >Brisbane, Rockhampton; Syntypes BMNH; N. SYN.: J.Balfour-Browne 1939a:97.

Hydroporus politus W.J.Macleay, 1871:124; TL: Australia >Queensland >Gayndah; Syntypes ANIC; N. SYN.: J.Balfour-Browne 1939a:97.

Notomicrus suturalis Sharp, 1882a:261; TL: Australia >Queensland >Rockhampton; Syntypes BMNH; N. SYN.: J.Balfour-Browne 1939a:97.

Hydroporus politus W.J.Macleay, 1871:124 (orig. descr., Australia).

Hydroporus tenellus Clark, 1863:427 (orig. descr., Java).

Notomicrus laevigatus Sharp, 1882a:260 (orig. descr., Australia); Branden 1885:13 (Australia); Zimmermann 1920a:3 (Australia).

Notomicrus oblongus Zimmermann, 1927:16 (given as synonym).

Notomicrus suturalis Sharp, 1882a:261 (orig. descr., Australia); Branden 1885:13 (Australia); Zimmermann 1920a:3 (Australia).

Notomicrus tenellus (Clark, 1863); Branden 1885:13 (Java); Régimbart 1899a:242 (Java, New Guinea); Zimmermann 1920a:3 (Java, New Guinea); 1927a:5 (Java, New Guinea, Sumatra); 1927b:2 (Sumatra); 1927d:16 (West Samoa); J. Balfour-Browne 1939a:97 (Australia, Java, New Caledonia, New Guinea, Philippines, Samoa, Singapore); 1945:112 (Australia, Java, New Caledonia, New Guinea, Samoa); Guignot 1956b:51 (Papua New Guinea); Vazirani 1977a:2 (Australia, Java, Malaysia, New Caledonia, New Guinea, Philippines, Samoa, Sumatra); Watts 1985:27 (Australia, Southeast Asia); Lawrence et al. 1987:326 (Queensland, Victoria); Larson 1997:273 (Queensland); Hebauer et al. 1999:337 (Australia, Java, Malaysia, Papua New Guinea, Philippines, Salomon Islands); Hendrich et al. 2004:113

(Singapore); Nilsson 2005:140 (cat.); Toledo 2010:199 (disc., not in New Caledonia).

DISTRIBUTION: (AU) Australia (Queensland, Victoria), Papua New Guinea, Solomon Islands; (OR) Indonesia (Java, Sumatra), Malaysia, Philippines, Singapore; (PC) Samoa.

trailsi Sharp, 1882 NT

Notomicrus trailsi Sharp, 1882a:261; TL: Brazil >Pará >Rio Tapajos >above Itaituba; Syntype BMNH; DESCR.: Young 1978:292.
Notomicrus grouvellei Régimbart, 1895a:340; TL: Brazil; Holotype MNHN; N. SYN.: Zimmermann 1921:184.

Notomicrus grouvellei Régimbart, 1895a:340 (orig. descr., Brazil); Zimmermann 1920a:3 (Brazil); Blackwelder 1944:72 (Brazil).
Notomicrus trailsi Sharp, 1882a:261 (orig. descr., Brazil); Branden 1885:13 (South America); Zimmermann 1920a:3 (South America); 1921:205 (? Brazil); Blackwelder 1944:72 (Brazil); Young 1978:292 (Bolivia, Brazil, Suriname); Nilsson 2005:140 (cat.).
DISTRIBUTION: (NT) Bolivia, Brazil, Suriname.

Genus **Speonoterus** Spangler, 1996 OR (1 sp.)

Speonoterus Spangler, 1996:245; gender masculine; type species: *Speonoterus bedosae* Spangler, 1996:246 by original designation.

bedosae Spangler, 1996 OR

Speonoterus bedosae Spangler, 1996:246; TL: Indonesia >Sulawesi >Malawa >Gua Mananga; Holotype USNM.

Speonoterus bedosae Spangler, 1996:246 (orig. descr., Sulawesi); Nilsson 2005:124 (cat.); Toledo 2010:206 (Sulawesi).
DISTRIBUTION: (OR) Indonesia (Sulawesi).

Subfamily **PHREATODYTINAE** (1 tribe)

Phreatodytidae Uéno, 1957:251, as family of Dytiscoidea; type genus *Phreatodytes*; N. STAT.: Smrž 1982:221.

Tribe **PHREATODYTINI** (1 genus)

Phreatodytidae Uéno, 1957:251, as family of Dytiscoidea; type genus *Phreatodytes*.

Genus **Phreatodytes** Uéno, 1957 PL (7 spp.)

Phreatodytes Uéno, 1957:252; gender masculine; type species: *Phreatodytes relictus* Uéno, 1957:257 by original designation; DESCR.: Uéno 1996:6.

archaeicus Uéno, 1996 PL

Phreatodytes archaeicus Uéno, 1996:9; TL: Japan >Kyushu >Miyazaki prefecture >Saito-shi >Tsuma; Holotype NSMT.

Phreatodytes archaeicus Uéno 1996:9 (orig. descr., Japan); Nilsson 2003:34 (Japan); 2005:141 (cat.).
DISTRIBUTION: (PL) Japan (Kyushu).

elongatus Uéno, 1996 PL

Phreatodytes elongatus Uéno, 1996:22; TL: Japan >Honshu >Gifu city >Nagamori >Kitaishiki; Holotype NSMT.

Phreatodytes elongatus Uéno 1996:22 (orig. descr., Japan); Nilsson 2003:34 (Japan); 2005:141 (cat.).
DISTRIBUTION: (PL) Japan (Honshu).

haibaraensis Kato, 2010 PL

Phreatodytes haibaraensis Kato, 2010:719; TL: Japan >Honshu >Shizuoka prefecture >Haibara county >Yoshida-cho >Ooi river; Holotype NSMT.

Phreatodytes haibaraensis Kato, 2010:719 (orig. descr., Japan).
DISTRIBUTION: (PL) Japan (Honshu).

latiusculus Uéno, 1996 PL

Phreatodytes latiusculus Uéno, 1996:16; TL: Japan >Shikoku >Kôchi city >Kamobé-takamachi; Holotype NSMT.

Phreatodytes latiusculus Uéno 1996:16 (orig. descr., Japan); Nilsson 2003:35 (Japan); 2005:141 (cat.).
DISTRIBUTION: (PL) Japan (Shikoku).

mohrii Uéno, 1996 PL

Phreatodytes mohrii Uéno, 1996:20; TL: Japan >Shikoku >Ehimé prefecture >Uwajima-shi >Ibuki-chô; Holotype NSMT.

Phreatodytes mohrii Uéno 1996:20 (orig. descr., Japan); Nilsson 2003:35 (Japan); 2005:141 (cat.).
DISTRIBUTION: (PL) Japan (Shikoku).

relictus Uéno, 1957 PL

Phreatodytes relictus Uéno, 1957:257; TL: Japan >Honshu >Hyogo prefecture >Aioi city; Holotype NSMT.

Phreatodytes relictus Uéno 1957:257 (orig. descr., Japan); Nilsson 2003:35 (Japan); 2005:141 (cat.).

DISTRIBUTION: (PL) Japan (Honshu).

sublimbatus Uéno, 1996 PL

Phreatodytes sublimbatus Uéno, 1996:13; TL: Japan >Shikoku >Kôchi city >Jinzenji; Holotype NSMT.

Phreatodytes sublimbatus Uéno 1996:13 (orig. descr., Japan); Nilsson 2003:35 (Japan); 2005:141 (cat.).

DISTRIBUTION: (PL) Japan (Shikoku).

Nomina nuda of unknown identity

Canthydrus biguttulus Severin, 1892:472; TL: [not given].

Hydrocanthus anthracinus Sturm, 1843:41; TL: Madagascar.

Hydrocanthus harrisii White, 1847:28; TL: US >Florida >E part.

Hydrocanthus luridus Sturm, 1843:41; TL: Puerto Rico.

Suphis doubledayii White, 1847:28; TL: US >Florida >E part.

Suphis forsterii White, 1847:28; TL: US >Florida >E part.

References

- Alfieri A. 1976: The Coleoptera of Egypt. Mémoires de la Société Entomologique d'Égypte 5: i-xiii + 1-361. [Dytiscidae pp. 31-37.]
- Ali H.A. 1978: A list of some aquatic beetles of Iraq (Coleoptera: Dytiscidae). Bulletin of the Natural History Research Centre 7(2): 11-14.
- Alluaud C. 1900: Liste des insectes coléoptères de la région malgache. Histoire physique, naturelle e politique de Madagascar 21(1:1), viii + 509 pp.
- Arce-Pérez R. 2004: Primer registro del genero *Suphis* Aubé, 1836 (Coleoptera: Noteridae) para México. Folia Entomologica Mexicana 43(3): 321-322.
- Aubé C. 1836-1838: Hydrocanthares. In: Dejean P.F.: Iconographie et histoire naturelle des coléoptères d'Europe. Vol. 5. Paris: Méquignon-Marvis, xi + 416 pp + 46 pls. [Pp. 1-64 1836, 65-224 1837, 225-416 1838.]
- Aubé C. 1838b: Hydrocanthares et gyrieniens. In: Dejean P.F.: Species général des coléoptères de la collection de M. le Comte Dejean. Vol. 6. Paris: Méquignon Père et Fils, xvi + 804 pp.
- Baer G.-A. 1886: Catalogue des coléoptères des Îles Philippines. Annales de la Société Entomologique de France (6) 6: 97-200.
- Balfour-Browne F. 1965: The transference of species names within a genus. The Entomologist's Record 77: 19.
- Balfour-Browne J. 1939a: A contribution to the study of the Dytiscidae. - I. (Coleoptera, Adephaga). The Annals and Magazine of Natural History (11) 3: 97-114.
- Balfour-Browne J. 1939b: Scientific results of the Cambridge Expedition to the East African Lakes, 1930-1. No. 19. Coleoptera of the families Dytiscidae and Gyrinidae. Journal of the Linnean Society (Zoology) 40: 475-485d.
- Balfour-Browne J. 1939c: On the aquatic Coleoptera of the New Hebrides and Banks Islands. Dytiscidae, Gyrinidae, and Palpicornia. The Annals and Magazine of Natural History (11) 3: 459-479.
- Balfour-Browne J. 1945: Aquatic Coleoptera of Oceania (Dytiscidae, Gyrinidae, and Palpicornia). Occasional Papers of Bernice P. Bishop Museum 18(7): 103-132.
- Balfour-Browne J. 1947a: New and interesting aquatic Coleoptera from the Sudan. Proceedings of the Royal Entomological Society of London (B) 16: 133-142.
- Balfour-Browne J. 1947b: The aquatic Coleoptera of Manchuria (Weyman collection). The Annals and Magazine of Natural History (11) 13(1946): 433-460.
- Balfour-Browne J. 1950: On the aquatic Coleoptera of Northern Rhodesia (Dytiscidae, Gyrinidae and Palpicornia). Occasional Papers of the National Museum of Southern Rhodesia 2(16): 359-399.
- Balfour-Browne J. 1951: Coleoptera: Haliplidae, Dytiscidae, Gyrinidae, Hydraenidae, Hydrophilidae. Expedition to South-West Arabia 1(16): 179-220 + pls. 10, 11.
- Balfour-Browne J. 1961: Notes on African Hydrocoptus (Col., Dytiscidae). Entomologische Arbeiten aus dem Museum G. Frey 12: 60-67.
- Balfour-Browne J. 1969: A new genus of Noteridae (Coleoptera: Noteridae, Noterini). Proceedings of the Royal Entomological Society of London (B) 38(1-2): 5-6.
- Balke M., Hendrich L. & Yang C.M. 1997: Water beetles (Insecta: Coleoptera) in the nature reserves of Singapore. Gardens' Bulletin Singapore 49: 321-331.
- Bameul F. 1984: Haliplidae, Noteridae, Dytiscidae et Gyrinidae capturés dans les Îles Mascareignes et à Madagascar par Yves Gomy (Coleoptera, Hydradephaga). Nouvelle Revue d'Entomologie (N.S.) 1: 87-103.
- Bameul F. 1994: Un nouvel Hydrocanthus Say de Madagascar (Coleoptera Noteridae). Bulletin Mensuel de la Société Linnéenne de Lyon 63(10): 356-365.
- Barclay M.V.L., Mann D.J. & Ribera I. 2001: *Canthydrus diophthalmus* (Reiche & Saulcy) in Turkey. Latissimus 14: 27-28.
- Bedel L. 1881: Faune des coléoptères du bassin de la Seine. 1^{er} Sous-ordre. Carnivora. Annales de la Société Entomologique de France (5) 11: 257-359 (sep. pagin.).
- Bedel L. 1895-1925: Catalogue raisonné des coléoptères du Nord de l'Afrique (Maroc, Algérie, Tunisie et Tripolitaine) avec notes sur la faune des Îles Canaries et de Madère. Première partie. Paris: Société Entomologique de France, 402 pp. [Pp. 321-402, 1925.]
- Belkaceme T. 1991: Skelet und Muskulatur des Kopfes und Thorax von *Noterus laevis* Sturm. Ein Beitrag zur Morphologie und Phylogenie der Noteridae (Coleoptera: Adephaga). Stuttgarter Beiträge zur Naturkunde, Serie A (Biologie) (462): 1-94.
- Benetti C.J. & Hamada N. 2003: Fauna de coleópteros aquáticos (Insecta: Coleoptera) na Amazônia Central, Brasil. Acta Amazonica 33(4): 701-709.
- Bertrand H. 1928: Les larves et nymphes des dytiscides, hydrobiides et haliplides. Encyclopédie Entomologique (A) 10, 366 pp.
- Bertrand H. & Legros C. 1968: Coléoptères hydrocanthares récoltés en Afrique du Sud et Rhodésies (Bertrand, 1959). Bulletin du Muséum National d'Histoire Naturelle (2) 39(1967)(5): 861-870.
- Beutel R.G. 1997: Über Phylogenese und Evolution der Coleoptera (Insecta), insbesondere der Adephaga. Abhandlungen des Naturwissenschaftlichen Vereins in Hamburg (NF) 31, 164 pp.
- Beutel R.G. & Roughley R.E. 1987: On the systematic position of the genus *Notomicrus* Sharp (Hydradephaga, Coleoptera). Canadian Journal of Zoology 65: 1898-1905.
- Bilardo A. 1976: Mission entomologique du Musée Royal de l'Afrique Centrale aux Monts Uluguru, Tanzanie. 13. Coleoptera Dytiscidae. Revue de Zoologie Africaine 90(1): 188-190.
- Bilardo A. 1982: Contributo alla conoscenza dei Dytiscidae del Cameroun (Coleoptera). Atti della Società Italiana di Scienze Naturali del Museo Civico di Storia Naturale di Milano 123: 441-461.
- Bilardo A. & Pederzani F. 1978: Récoltes de coléoptères aquatiques Haliplidae et Dytiscidae dans le Gabon et la Côte d'Ivoire. Memorie della Società Entomologica Italiana 56(1976-77): 93-130.
- Bilardo A. & Rocchi S. 1987: Contributo alla conoscenza degli Haliplidae e dei Dytiscidae del Botswana (Coleoptera). Atti della Società Italiana di Scienze Naturali del Museo Civico di Storia Naturale di Milano 128: 85-106 + pl. 1-4.
- Bilardo A. & Rocchi S. 1990: Haliplidae e Dytiscidae (Coleoptera) del Gabon con note sistematiche sulle specie di confronto (Parte prima: Haliplidae, Methilinae, Hydroporinae, Noterinae, Laccophilinae). Atti della Società Italiana di Scienze Naturali del Museo Civico di Storia Naturale di Milano 131: 157-196.
- Bilardo A. & Rocchi S. 2002: Haliplidae e Dytiscidae (Coleoptera) del Gabon (Parte quarta). Atti della Società Italiana di Scienze Naturali del Museo Civico di Storia Naturale di Milano 143: 147-182.
- Bilton D.T. 1992: Sex chromosome systems of European noterid beetles (Coleoptera, Adephaga: Noteridae). Entomologica Scandinavica 23: 115-119.
- Blackburn T. 1888: Further notes on Australian Coleoptera, with descriptions of new species. Transactions and Proceedings of the Royal Society of South Australia 10(1886-1887): 52-71.
- Blackburn T. 1890: Notes on Australian Coleoptera, with descriptions of new species. Part III. Proceedings of the Linnean Society of New South Wales (2) 4(1889): 445-482.
- Blackwelder R.E. 1944: Checklist of the coleopterous insects of Mexico, Central America, the West Indies, and South America. Part I. United States National Museum Bulletin 185, 188 pp.
- Blatchley W.S. 1914: Notes on the winter and early spring Coleoptera of Florida, with descriptions of new species. The Canadian Entomologist 46: 61-66.
- Blatchley W.S. 1920: Notes on some Coleoptera taken in the vicinity of Dunedin, Florida, in the spring of 1920, with descriptions of new species. The Canadian Entomologist 52: 259-264.
- Blatchley W.S. 1930: Blatchleyana: A list of the published writings of W. S. Blatchley (...) together with a chronology of his life; the fixation of types of new genera and species described by him, etc. etc. Indianapolis: The Nature Publisher Company, 77 pp.
- Boheman C.H. 1848: Insecta Caffraria annis 1838-1845 a J.A. Wahlberg collecta. 1(1). Coleoptera (Carabici, Hydrocanthari, Gyrinii et Staphylinii). Holmiae: Norstedtiana, viii + 297 pp.
- Boheman C.H. 1858-1859: Coleoptera. Pp. 1-217. In: Kongliga svenska fregatten *Eugenies* resa omkring jorden under befäl af C. A. Virgin åren 1851-1853. Vetenskapliga iakttagelser. 2.

- Zoologi. 1. Insecta. Stockholm: K. Svenska Vetenskaps-Akademien, 617 pp. + 9 pls.
- Böving A.G. & Craighead F.C. 1931: An illustrated synopsis of the principal larval forms of the order Coleoptera. Brooklyn, New York: Brooklyn Entomological Society, viii + 351 pp.
- Brancucci M. 1985: Insects of Saudi Arabia. Coleoptera: Fam. Haliplidae, Noteridae, Dytiscidae, Gyrinidae (Part 4). Fauna of Saudi Arabia 6(1984): 229-242.
- Branden C. van den. 1885: Catalogue des coléoptères carnassiers aquatiques (Haliplidae, Amphizoidae, Pelobiidae et Dytiscidae). Annales de la Société Entomologique de Belgique 29(1): 5-116.
- Brivio P.C. 1959: Dytiscidae, Tenebrionidae, Curculionidae, Trogidae. Contributo alla conoscenza della fauna coleotterologica della Guinea Portoghese. 3. Atti della Società Italiana di Scienze Naturali del Museo Civico di Storia Naturale di Milano 98: 372-378.
- Brullé G.A. 1837: Insectes coléoptères. Pp. 1-56. In: Blanchard E. & Brullé G.A.: Insectes de l'Amérique méridionale recueillis par Alcide d'Orbigny. In: d'Orbigny A.D.: Voyage dans l'Amérique méridionale (...) par Alcide d'Orbigny. Vol. 6. Part 2. Paris & Strasbourg: P. Bertrand & Levraut, 222 pp. + 31 pls.
- Bruneau de Miré P. & Legros C. 1963: Les coléoptères hydrocanthares du Tibesti. Bulletin de l'Institut Français d'Afrique Noire (A) 25: 838-894.
- Capra F. 1952: Appendice. Doriana 1(29): 6-8.
- Chapman E.G. 1998: Aquatic beetles (Insecta: Coleoptera) of northeastern Ohio (Haliplidae, Dytiscidae, Noteridae, Gyrinidae, Hydrophilidae, Psephenidae, Dryopidae, Elmidae, Ptilodactylidae). Ohio Biological Survey Miscellaneous Contribution 4: 1-117.
- Chevrolat L.A.A. 1863: Coléoptères de l'Île de Cuba. Notes, synonymies et descriptions d'espèces nouvelles. Familles des cicindélètes, carabiques, dytiscides, gyrinides et palpicornes. Annales de la Société Entomologique de France (4) 3: 183-210.
- Chûjô M. & Satô M. 1961: Family Noteridae. Nature and Life in Southeast Asia 1: 303.
- Clairville J.P. de. 1806: In: Clairville J.P. de & Schellenberg J.R. Entomologie helvétique ou catalogue des insectes de la Suisse, rangés d'après une nouvelle méthode, avec descriptions et figures. Vol. 2. Zürich: Orell, Fussli et Co., xliii + 247 pp. + 32 pls.
- Clark H. 1863: Descriptions of new East-Asiatic species of Haliplidae and Hydroporidae. Transactions of the Royal Entomological Society of London (3) 1: 417-428.
- Crotch G.R. 1873: Revision of the Dytiscidae of the United States. Transactions of the American Entomological Society 4: 383-424.
- Csiki E. 1938: Die Schwimmkäfer (Haliplidae und Dytiscidae) von Sumatra, Java und Bali der Deutschen Limnologischen Sunda-Expedition. Archiv für Hydrobiologie Supplement 15(1937): 121-130.
- De Geer C. 1774: Mémoires pour servir à l'histoire des insectes. Vol. 4. Stockholm: Pierre Hesselberg, xii + 456 pp. + 19 pls.
- Dejean P.F.M.A. 1821: Catalogue de la collection des coléoptères de M. le baron Dejean. Paris: Crevot, viii + 136 pp.
- Dejean P.F.M.A. 1833: Catalogue des coléoptères de la collection de M. le comte Dejean. Livraisons 1 & 2. Paris: Méquignon-Marvis, 176 pp.
- Dejean P.F.M.A. 1836: Catalogue des coléoptères de la collection de M. le comte Dejean. Ed. 3. Livraisons 1-4. Paris: Méquignon-Marvis, 384 pp.
- Dettner K. 1997: Noteridae, Hygrobiidae. Süßwasserfauna von Mitteleuropa 20(3-4): 97-147.
- Dettner K. 2005: Noteridae Thomson, 1857. Pp. 72-81. In: Beutel R.G. & Leschen R.A.B. (Eds.). Coleoptera, beetles. Volume 1. Morphology and systematics (Archostemata, Adephaga, Myxophaga, Polyphaga partim). Handbuch der Zoologie. Band IV. Arthropoda: Insecta. Teilband 38. Berlin: Walter de Gruyter, 567 pp.
- Downie N.M. & Arnett R.H. Jr. 1996: The beetles of northeastern North America. Vol. 1. Gainesville, Florida: The Sandhill Crane Press, 880 pp.
- Erichson W.F. 1837: Die Käfer der Mark Brandenburg. Vol. 1. Part 1. Berlin: F.H. Morin, viii + 384 pp.
- Erichson W.F. 1843: Beitrag zur Insecten-Fauna von Angola, in besonderer Beziehung zur geographischen Verbreitung der Insecten in Afrika. Archiv für Naturgeschichte 9: 199-267.
- Evenhuis N.L. & Samuelson G.A. 2006: Abbreviations for Insect and Spider Collections of the World. <http://hbs.bishopmuseum.org/codens/codens-r-us.html>.
- Fabricius J.C. 1787: Mantissa Insectorum sistens species nuper detectas adiectis characteribus genericis, differentiis specificis, emendationibus, observationibus. 2 vols. Hafniae: C.G. Proft, xx + 348 + 382 pp.
- Fabricius J.C. 1792-1794: Entomologia systematica emendata et aucta. Secundum classes, ordines, genera, species adiectis synonymis, locis, observationibus, descriptionibus. 4 vols. Hafniae: C.G. Proft. [Vol. 1: part 1, xx + 330 pp. 1792; part 2, 538 pp., 1793; vol. 2, viii + 519 pp., 1793; vol. 3: part 1, vi + 487 pp., 1793; part 2, 349 pp., 1794; vol. 4, vi + 472 pp., 1794.]
- Fabricius J.C. 1801: Systema Eleutheratorum secundum ordines, genera, species; adiectis synonymis, locis, observationibus, descriptionibus. Vol. 1. Kiliae: Bibliopolii Academici Novi, xxiv + 506 pp.
- Fairmaire L. 1869: Notes sur les coléoptères recueillis par Charles Coquerel à Madagascar et sur les côtes d'Afrique. 2e partie. Annales de la Société Entomologique de France (4) 9: 179-260.
- Fall H.C. 1909: New Coleoptera from the south-west. -IV. The Canadian Entomologist 41(5): 161-170.
- Fauvel A. 1883: Les coléoptères de la Nouvelle-Calédonie et dépendances, avec descriptions, notes et synonymies nouvelles. Revue d'Entomologie 2: 335-360.
- Fauvel A. 1903: Faune analytique des coléoptères de la Nouvelle-Calédonie. Revue d'Entomologie 22: 203-379.
- Ferreira M.C. 1967: Catálogo dos coleópteros de Angola. Revista de Entomologia de Moçambique 8(1965)(2): 417-1317.
- Ferreira N. Jr., Mendonça E.C., Dorvillé L.F.M. & Ribeiro J.R.I. 1998: Levantamento preliminar e distribuição de besouros aquáticos (Coleoptera) na Restinga de Maricá, Maricá, RJ. Pp. 129-140. In: Nessimian J.L. & Carvalho A.L. (Eds.). Ecologia de insetos aquáticos. Oecologia Brasiliensis Vol. 5. Rio de Janeiro.
- Fleutiaux E. & Sallé A. 1890: Liste des Coléoptères de la Guadeloupe et descriptions d'espèces nouvelles. Annales de la Société Entomologique de France (6) 9(1889): 351-424.
- Folkerts G.W. 1978: A preliminary checklist of the Hydradephaga (Coleoptera) of Alabama. The Coleopterists Bulletin 32: 345-347.
- Forge P. 1979: Données sur les peuplements d'Hydrocanthares des mares temporaires des savanes de Lamto (Côte d'Ivoire). Annales de l'Université d'Abidjan (E) 12: 93-113.
- Franciscolo M.E. 1979: Coleoptera, Haliplidae, Hygrobiidae, Gyrinidae, Dytiscidae. Fauna d'Italia 14: 1-804.
- Franciscolo M.E. & Sanfilippo N. 1986: Gyrinidae and Dytiscidae collected in Sierra Leone (1982, 1983, 1984) by Dr. W. Rossi (Col. Hydradephaga). Ricerche biologiche in Sierra Leone 2: 11-36 + 1 pl.
- Franciscolo M.E. & Sanfilippo N. 1990: Four new species and new records of Hydradephaga from Sierra Leone (Coleoptera: Haliplidae, Gyrinidae, Dytiscidae). Ricerche biologiche in Sierra Leone. Accademia Nazionale dei Lincei 265: 133-153.
- Galewski K. 1971: Czesc XIX, Chrzaszczce - Coleoptera. Zeszyt 7. Plywakowate - Dytiscidae [Part XIX, Beetles - Coleoptera. Issue 7. Diving beetles - Dytiscidae]. Klucze do Oznaczenia Owadów Polski 70: 1-112.
- Gemminger M. & Harold E. von. 1868: Catalogus Coleopterorum hucusque descriptorum synonymicus et systematicus. Tom II. Monachii: E.H. Gummi, pp. 425-752.
- Grosso L.E. 1993: Revision de las especies neotropicales del género Suphis Aubé, con la descripción de S. ticky n.sp. (Coleoptera-Noteridae). Acta Zoologica Lilloana 42(2): 225-238.
- Gschwendtner L. 1922: Zwei neue Dytiscidae. Entomologischer Anzeiger 2: 134-135.
- Gschwendtner L. 1930a: Schwimmkäfer aus Belgisch Kongo. I. Teil. Revue de Zoologie et Botanique Africaines 19: 79-90.
- Gschwendtner L. 1930b: Schwimmkäfer-Material aus Belgisch Kongo. III. Teil. Revue de Zoologie et Botanique Africaines 19: 208-223.

- Gschwendtner L. 1932a: Neue Schwimmkäfer aus Belgisch Kongo. II. Teil. Revue de Zoologie et Botanique Africaines 22: 259-268.
- Gschwendtner L. 1932b: Neue Dytiscidae aus Belgisch Kongo. Revue de Zoologie et Botanique Africaines 22: 54-62.
- Gschwendtner L. 1933a: Neue Dytiscidae aus China. Peking Natural History Bulletin 7(1932-33): 159-164.
- Gschwendtner L. 1933b: Neue Schwimmkäfer aus Belgisch Kongo. IV. Teil. Revue de Zoologie et Botanique Africaines 23: 84-95.
- Gschwendtner L. 1935a: Weitere neue Schwimmkäfer aus Belgisch Kongo. Revue de Zoologie et Botanique Africaines 27: 372-375.
- Gschwendtner L. 1935b: Wissenschaftliche Ergebnisse der Vernay-Lang Kalahari-Expedition, März bis September, 1930. Haliplidae et Dytiscidae. Annals of the Transvaal Museum 17: 15-25.
- Gschwendtner L. 1936: Weitere neue Schwimmkäfer aus Belgisch Kongo. Revue de Zoologie et Botanique Africaines 29: 17-20.
- Gschwendtner L. 1938a: Haliplidae und Dytiscidae. Exploration du Parc National Albert Mission G. F. De Witte (1933-1935) 13: 3-32.
- Gschwendtner L. 1938b: Neue Dytiscidae aus Belgisch Kongo. Revue de Zoologie et Botanique Africaines 30: 337-342.
- Gschwendtner L. 1954: Dytiscidae (Col.). Beiträge zur Fauna Perus 4: 109-115.
- Guignot F. 1936a: Mission scientifique de l'Omo 4(31). Coleoptera. 10. Haliplidae et Dytiscidae (1re partie). Mémoires du Muséum National d'Histoire Naturelle Paris 8(1938): 1-75.
- Guignot F. 1936b: Remarques systématiques sur les Hydrocanthus avec description d'un genre nouveau et de trois espèces nouvelles (Col. Dytiscidae). Bulletin de la Société Entomologique de France 41: 10-12.
- Guignot F. 1939: Voyage de M. Aubert de la Rue aux Nouvelles-Hébrides. Dytiscidae. Revue Française d'Entomologie 6: 179-181.
- Guignot F. 1940: Quinzième note sur les hydrocanthares (Col.). Bulletin de la Société Entomologique de France 45: 9-12.
- Guignot F. 1941: Résultats de la Mission scientifique du Dr Monard en Guinée Portugaise 1937-1938. XI. Dytiscidae et Gyrinidae. Arquivos do Museu Bocage, Lisboa 12: 17-22.
- Guignot F. 1942a: Diagnoses préliminaires de nouveaux dytiscides africains. Bulletin de la Société d'Étude des Sciences Naturelles de Vaucluse 13(1-2): 12-15.
- Guignot F. 1942b: Dix-septième note sur les hydrocanthares. Bulletin de la Société d'Étude des Sciences Naturelles de Vaucluse 13(1-2): 16-21.
- Guignot F. 1942c: Description d'Hydrocanthus nouveaux de Madagascar et de l'Amérique du Sud. Bulletin de la Société d'Étude des Sciences Naturelles de Vaucluse 12(1941)(3-4): 44-47.
- Guignot F. 1943: Dytiscidae et Gyrinidae de la Côte d'Ivoire et du Soudan Française (Mission Alluaud-Chappuis, de février 1930 à avril 1931). Revue Française d'Entomologie 9: 81-103.
- Guignot F. 1946a: Génotypes des Dytiscoidea et des Gyrinoidea. Revue Française d'Entomologie 13: 112-118.
- Guignot F. 1946b: Vingtième note sur les hydrocanthares (Col.). Bulletin de la Société Entomologique de France 51: 72-75.
- Guignot F. 1947a: Coléoptères hydrocanthares. Faune de France 48: 1-287.
- Guignot F. 1947b: Vingt-quatrième note sur les hydrocanthares. Dytiscides et gyrinides nouveaux ou peu connus de l'Afrique Occidentale. Bulletin de la Société Entomologique de France 52: 162-165.
- Guignot F. 1947c: Dytiscidae et Gyrinidae nouveaux du Parc National Albert (Congo Belge). Bulletin de la Société d'Étude des Sciences Naturelles de Vaucluse 15: 25-29.
- Guignot F. 1948a: Vingt-sixième note sur les hydrocanthares. Dytiscides et gyrinides nouveaux ou peu connus du Congo belge. Bulletin de Musée Royal dt: Histoire Naturelle de Belgique 24(12): 1-14.
- Guignot F. 1948b: Vingt-septième note sur les hydrocanthares. Bulletin de la Société Linnéenne de Lyon 17: 163-171.
- Guignot F. 1948c: Vingt-cinquième note sur les hydrocanthares. Revue Française d'Entomologie 15: 96-100.
- Guignot F. 1950a: Trente-deuxième note sur les hydrocanthares. Revue Française d'Entomologie 17: 97-104.
- Guignot F. 1950b: Trente-et-unième note sur les hydrocanthares. Bulletin de la Société Linnéenne de Lyon 19: 25-28.
- Guignot F. 1950c: Trente-troisième note sur les hydrocanthares. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 26(36): 1-10.
- Guignot F. 1950d: Trentième note sur les hydrocanthares (Col.). Bulletin de la Société Entomologique de France 54(1949): 146-153.
- Guignot F. 1951a: Trente-septième note sur les hydrocanthares (Col.). Bulletin de la Société Entomologique de France 56: 21-25.
- Guignot F. 1951b: Trente-huitième note sur les hydrocanthares. Bulletin Mensuelle de la Société Linnéenne de Lyon 20: 83-88.
- Guignot F. 1951c: Nouveaux Dytiscidae et Gyrinidae du Congo belge. Revue de Zoologie et Botanique Africaines 45: 78-81.
- Guignot F. 1952: Mission A. Villiers au Togo et au Dahomey (1950). XV. Coléoptères hydrocanthares. Bulletin de l'Institut Français d'Afrique Noire (A) 14: 518-528.
- Guignot F. 1953a: Diagnoses provisoires de dytiscides africains. Bulletin Mensuel de la Société Linnéenne de Lyon 22: 197-198.
- Guignot F. 1953b: Hydrocanthares capturés à la lumière dans le Haut-Katanga. Revue de Zoologie et Botanique Africaines 47: 233-237.
- Guignot F. 1953c: Nouveaux dytiscides du Parc National de l'Upemba. Diagnoses provisoires (suite). Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 29(18): 1-4.
- Guignot F. 1953d: Hydrocanthares capturés à la lumière dans le Haut-Katanga (2e série). Revue de Zoologie et Botanique Africaines 48: 144-148.
- Guignot F. 1954a: Dytiscidae. (Coleoptera, Adephaga). Exploration du Parc National l'Upemba, Mission G. F. de Witte (1946-1949) 33: 3-59.
- Guignot F. 1954b: Quarante-et-unième note sur les hydrocanthares. Revue Française d'Entomologie 21: 195-202.
- Guignot F. 1954c: Entomological results from the Swedish expedition 1934 to Burma and British India. Coleoptera: Haliplidae et Dytiscidae. Recueillis par René Malaise. Arkiv för Zoologi 6(32): 563-567.
- Guignot F. 1954d: Dytiscides nouveaux de la Guinée française. Entomologische Arbeiten aus dem Museum G. Frey 5: 101-107.
- Guignot F. 1954e: Dytiscides récoltés par la Yale North Indian Expedition au Kashmir et au Pendjab. Opuscula Entomologica 19: 221-224.
- Guignot F. 1955a: Dytiscides et gyrinides nouveaux de Madagascar (Coléoptères). Le Naturaliste Malgache 7: 63-70.
- Guignot F. 1955b: Dytiscides et gyrinides de la Guinée française récoltés par M. A. Villiers. Bulletin de l'Institut Français d'Afrique Noire (A) 17: 1095-1101.
- Guignot F. 1955c: Nouveaux dytiscides et gyrinides du Congo Belge et de Madagascar. Revue de Zoologie et Botanique Africaines 51: 190-196.
- Guignot F. 1955d: Dytiscides nouveaux du Parc National de la Garamba. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 31(65): 1-6.
- Guignot F. 1955e: Hydrocanthares capturés à la lumière dans le Haut-Katanga (3e série). Revue de Zoologie et Botanique Africaines 51: 181-189.
- Guignot F. 1955f: Contribution à l'étude du peuplement de la Mauritanie. Dytiscides (2e note). Bulletin de l'Institut Français d'Afrique Noire (A) 17: 859-866.
- Guignot F. 1955g: Contribution à l'étude de la faune entomologique du Ruanda-Urundi (Mission P. Basilewsky 1953). IV. Coleoptera Haliplidae, Dytiscidae et Gyrinidae. Annales du Musée Royal du Congo Belge Série 8vo (Sciences Zoologiques) 36: 27-37.
- Guignot F. 1955h: Dytiscides nouveaux du Musée Royal du Congo belge. Revue de Zoologie et Botanique Africaines 52: 1-7.
- Guignot F. 1956a: Coléoptères hydrocanthares. Le Parc National du Niokolo-Koba. 13. Mémoires de l'Institut Français d'Afrique Noire 48: 211-223.
- Guignot F. 1956b: Dytiscides récoltés par le Dr. L. Biró en Nouvelle Guinée et dans l'Île de Java (Coleoptera). Annales Historico-Naturales Musei Nationalis Hungarici (N.S.) 7: 51-60.
- Guignot F. 1956c: Coléoptères recueillis par N. Leleup au Lac Tumba. I. Dytiscidae et Gyrinidae. Revue de Zoologie et Botanique Africaines 54: 47-53.

- Guignot F. 1956d: Entomological results from the Swedish expedition 1934 to Burma and British India. Coleoptera: Dytiscidae. Collected by René Malaise. Dytiscides nouveaux du Riksmuseum de Stockholm. Arkiv för Zoologi (2) 9(19): 451-452.
- Guignot F. 1956e: Contribution à la connaissance de la faune dytiscidienne Malgache. Le Naturaliste Malgache 8: 75-80.
- Guignot F. 1956f: Coléoptères Dytiscidae et Gyrinidae du Soudan française. Bulletin de l'Institut Français d'Afrique Noire (A) 18: 83-92.
- Guignot F. 1956g: Hydrocanthares capturés à la lumière au Congo belge. Revue de Zoologie et Botanique Africaines 53: 317-323.
- Guignot F. 1956h: Dytiscidae nouveaux ou intéressants du Musée National d'Histoire Naturelle de Budapest. Annales Historico-Naturales Musei Nationalis Hungarici (N.S.) 7: 395-399.
- Guignot F. 1957a: Contribution à la connaissance des dytiscides sud-américains (Coleopt.). Revue Française d'Entomologie 24: 33-45.
- Guignot F. 1957b: Beiträge zur Kenntnis der Insektenfauna Boliviens. Teil II. Coleoptera I. Dytiscidae (2. Contribution à l'étude des dytiscides sud-américains). Opuscula Zoologica, München 6: 1-10.
- Guignot F. 1957c: Viaggio in Venezuela di Nino Sanfilippo. III. Contribution à la connaissance des dytiscides sud-américains (3ème série). Annali del Museo Civico di Storia Naturale Giacomo Doria Genova 69: 361-362.
- Guignot F. 1958a: Haliplidae et Dytiscidae nouveaux du Parc National de la Garamba. Deuxième série. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 34(6): 1-8.
- Guignot F. 1958b: Contribution à la connaissance des dytiscides et gyrinides sud-américains (3 série). Revue Française d'Entomologie 25: 33-42.
- Guignot F. 1959a: Revision des hydrocanthares d'Afrique (Coleoptera Dytiscoidea). 2. Annales du Musée Royal du Congo Belge Série 8vo (Sciences Zoologiques) 78: 323-648.
- Guignot F. 1959b: Haliplidae et Dytiscidae (Coleoptera hydrocanthares). Résultats Scientifiques de l'Exploration Hydrobiologique des Lacs Kivu, Edouard et Albert (1952-1954) 3(1957)(2): 133-169.
- Guignot F. 1959c: Nouveaux dytiscides du Musée Royal du Congo Belge. Revue de Zoologie et Botanique Africaines 59: 228-232.
- Guignot F. 1959d: Dytiscides et gyrinides de l'île Mohéli. Mémoires de l'Institut Scientifique de Madagascar (E) 10(1958): 71-73.
- Guignot F. 1960a: Haliplides et dytiscides nouveaux ou intéressants de Madagascar. Le Naturaliste Malgache 11(1959): 95-101.
- Guignot F. 1960b: Mission zoologique de l'I.R.S.A.C. en Afrique orientale (P. Basilewsky et N. Leleup, 1957). VII. Coleoptera Dytiscidae. Annales du Musée Royal du Congo Belge Série 8vo (Sciences Zoologiques) 81: 94-99.
- Guignot F. 1961a: Coleoptera Dytiscoidea et Gyrinoidea (supplément). Le Parc National du Niokolo Koba. 2. 24. Mémoires de l'Institut Français d'Afrique Noire 62: 231-239.
- Guignot F. 1961b: Contribution à la connaissance des dytiscides et gyrinides sud-américains (3e série). Bulletin du Muséum National d'Histoire Naturelle Paris (2) 33: 311-317.
- Hampe C. 1863: Ein kleiner Beitrag zur gross-österreichischen Käferfauna. Wiener Entomologische Monatschrift 7: 285-290.
- Hebauer F., Hendrich L. & Balke M. 1999: A contribution to the knowledge of the water beetle fauna (Col. Hydradephaga, Hydrophiloidea and Staphyloidea) of a tropical freshwater lake: Tasek Cini, Pahang, West Malaysia. The Raffles Bulletin of Zoology 47(2): 333-348.
- Heer O. 1839: Fauna coleopterorum Helvetica Pars 1. Fasc. 2. Turici: Impensis Orellii, Fuesslini et Sociorum, pp. 145-360.
- Hendrich L., Balke M. & Yang C.M. 2004: Aquatic Coleoptera of Singapore: Species richness, ecology and conservation. The Raffles Bulletin of Zoology 52(1): 97-145.
- Hendrich L. & Hendrich E. 2005: A contribution to the knowledge of the water beetle fauna of Uzbekistan (Coleoptera: Hydradephaga, Hydrophiloidea, Staphyloidea and Dryopoidea). Linzer Biologische Beiträge 37(1): 425-434.
- Hendrich L. & Yang C.M. 1999: A contribution to the knowledge of the water beetle fauna of Pulau Tioman, Peninsular Malaysia (Coleoptera: Noteridae, Dytiscidae, Hydrophilidae, Hydroaenidae, Scirtidae, Limnichidae). The Raffles Bulletin of Zoology, Supplement 6: 253-262.
- Herbst J.F.W. 1784: Kritisches Verzeichniß meiner Insecten-Sammlung. Archiv der Insectengeschichte, Fuessli 5: 68-151 + Taf. 19-30.
- Heyden L. von, Reitter E. & Weise J. 1891: Catalogus Coleopterorum Europae, Caucasi et Armeniae rossicae. Berlin: Friedländer & Sohn, viii + 420 pp.
- Hilsenhoff W.L. 1992: Dytiscidae and Noteridae of Wisconsin (Coleoptera). I. Introduction, key to genera of adults, and distribution, habitat, life cycle, and identification of species of Agabatinae, Laccophilinae, and Noteridae. Great Lakes Entomologist 25(2): 57-69.
- Horn G.H. 1871: Descriptions of new Coleoptera of the United States, with notes on known species. Transactions of the American Entomological Society 3: 325-344.
- Hua L.-Z. 2002: List of Chinese insects. Vol. 2. Guangzhou: Zhongshan University Press, 612 pp.
- Jasper S.K. & Vogtsberger R.C. 1996: First Texas records of five genera of aquatic beetles (Coleoptera: Noteridae, Dytiscidae, Hydrophilidae) with habitat notes. Entomological News 107(1): 49-60.
- Kato M., Kawakita A. & Kato T. 2010: Colonization to aquifers and adaptations to subterranean interstitial life by a water beetle clade (Noteridae) with description of a new Phreatodytes species. Zoological Science 27: 717-722.
- Klug J.C.F. 1853: Übersicht der von Hrn. Dr. Peters während seines Aufenthalts in Mozambik veranstalteten entomologischen Sammlungen. Monatsberichte der Berliner Akademie der Wissenschaften 1853: 244-250.
- Kocher L. 1958: Catalogue commenté des coléoptères du Maroc. Vol. 2. Tanger: Editions Internationales, 246 pp.
- Kolbe H.J. 1883: Über die madagascarischen Dytisciden des Königl. entomologischen Museums zu Berlin. Archiv für Naturgeschichte 49(1): 383-427.
- Kolbe H.J. 1897: Käfer und Netzflüger Ost-Afrikas. Käfer, pp. 1-368 + 4 pls. In: Möbius K. (Ed.). Die Tierwelt Ost-Afrikas und der Nachbargebiete. Deutsch-Ost-Afrika, Vol. 4. Berlin: Geographische Verlagshandlung Dietrich Reimer.
- Kolbe H.J. 1902: Koleopteren der Aldabra-Inseln. Abhandlungen Herausgegeben von der Senckenbergischen Naturforschenden Gesellschaft 26: 571-586.
- Lacordaire J.T. 1835: [Coleoptera]. In: Boisduval J.B.A. & Lacordaire J.T.: Faune entomologique des environs de Paris. Vol. 1. Paris: Mequignon-Marvis, 17 + 696 pp + 3 pls. + 4 pls. In: Méquignon-Marvis Père et Fils, 159 pp. [Pp. 1-94 1834; 95-159 1835.]
- Larson D.J. 1997: Habitat and community patterns of tropical Australian hydradephagan water beetles (Coleoptera: Dytiscidae, Gyrinidae, Noteridae). Australian Journal of Entomology 36: 269-285.
- Lawrence J.F., Weir T.A. & Pyke J.E. 1987: Haliplidae, Hygrobiidae, Noteridae, Dytiscidae and Gyrinidae. Zoological Catalogue of Australia 4: 321-366.
- Leach W.E. 1817: The zoological miscellany; being descriptions of new or interesting animals. Vol. 3. London: E. Nodder & Son, v + 155 pp. + pls. 121-150.
- LeConte J.L. 1861: Classification of the Coleoptera of North America. Part 1. Smithsonian Miscellaneous Collections 3(136): xxv + 208 pp.
- LeConte J.L. 1863: New species of North American Coleoptera. Part 1. Smithsonian Miscellaneous Collections 6(167): 1-92.
- LeConte J.L. 1878: Descriptions of new species. In: Hubbard G.H. & Schwarz E.A. The Coleoptera of Michigan. Proceedings of the American Philosophical Society 17: 593-626.
- Lee S.H., Cho Y.B. & Lee C.E. 1992: The water beetles of Quelpart Island (Coleoptera). Nature and Life (Korea) 22: 45-60. (In Korean)
- Leech H.B. 1970: Copelatus glypticus (Say) and Suphisellus bicolor (Say), water beetles new to California and presumably introduced (Coleoptera: Dytiscidae and Noteridae). Proceedings of the California Academy of Sciences (4) 37(6): 237-248.

- Legros C. 1954: Coléoptères hydrocanthares (Mission M. Lamotte, 1942). Mémoires de l'Institut Français d'Afrique Noire 40: 265-280.
- Legros C. 1958: IX. Coléoptères hydrocanthares. La réserve naturelle intégrale du Mont Nimba (Mission M. Lamotte et Roy, juillet-décembre 1951). 4. Mémoires de l'Institut Français d'Afrique Noire 53: 209-218.
- Legros C. 1972: Contribution a la faune de l'Iran. 23. Coléoptères Hydrocanthares. Annales de la Société Entomologique de France (N. S.) 8(3): 573-578.
- Leng C.W. 1920: Catalogue of the Coleoptera of America north of Mexico. Mount Vernon, N.Y.: J.D. Sherman, 470 pp.
- Leng C.W. & Beutenmuller W. 1893: List of the Coleoptera of North Eastern America, with special reference to the fauna of New York city and vicinity. Journal of the New York Entomological Society 1(3): 185-194.
- Leng C.W. & Mutchler A.J. 1918: Insects of Florida. V. The water beetles. Bulletin of the American Museum of Natural History 38: 73-116.
- Löbl I. & Smetana A. (Eds.). 2003: Catalogue of Palaearctic Coleoptera. Vol. 1. Stenstrup: Apollo Books, 819 pp.
- Löbl I. & Smetana A. (Eds.). 2004: Catalogue of Palaearctic Coleoptera. Vol. 2. Stenstrup: Apollo Books, 942 pp.
- Macleay W.J. 1871: Notes on a collection of insects from Gayndah. Transactions of the Entomological Society of New South Wales 2: 79-205.
- Marseul S.-A. 1882: Nouveau répertoire contenant les descriptions des espèces de coléoptères de l'ancien-monde publiées isolément ou en langues étrangères, en dehors des monographies ou traités spéciaux et de l'Abeille. L'Abeille 20: 1-196.
- Marshall T. 1802: Entomologia Britannica. Vol. 1. Coleoptera. Londini: White, xxxi + 548 pp.
- Medler J.T. 1980: Insects of Nigeria – check list and bibliography. Memoirs of the American Entomological Institute 30, vii + 919 pp.
- Meinert F. 1901: Vandkalvelarverne (Larvae Dytiscidarum). D. Kgl. Danske Vidensk. Selsk. Skrifter (6) 9(8):341-440 + pls. I-VI.
- Meloni C. 1991: Segnalazioni faunistiche italiane. Bollettino della Società Entomologica Italiana 123: 69.
- Miller K.B. 2001: Hydrocanthus (Hydrocanthus) paludimonstrus, a new species from Bolivia (Coleoptera: Noteridae: Hydrocanthini) and its implications for classification of the subgenera. Coleopterists Bulletin 55(3): 363-368.
- Miller K.B. 2009: On the systematics of Noteridae (Coleoptera: Adephaga: Hydradephaga): Phylogeny, description of a new tribe, genus and species, and survey of female genital morphology. Systematics and Biodiversity 7(2): 191-214.
- Montes C. & Soler A.G. 1985: Canthydrus diophthalmus (Reiche & Saulcy, 1855), nuevo Noterinae para el continente Europeo (Col. Dytiscidae). Annali del Museo Civico di Storia Naturale Giacomo Doria Genova 85:187-199.
- Mori M. & Kitayama A. 1993: Dytiscoidea of Japan. Osaka: Kankyo-Kagaku Ltd., 217 pp. [In Japanese.]
- Moroni J.C. 1973: Elenco sistemático, sinonímico y distribución de coleópteros acuáticos chilenos. Revista Chilena de Entomología 7: 193-206.
- Motschulsky V. de. 1853: Hydrocanthares de la Russie. Helsingfors: Imprimerie de la Société de Littérature Finnoise, 15 pp.
- Motschulsky V. de. 1855: Nouveautés. Études Entomologiques Motschulsky 4: 82-84.
- Motschulsky V. de. 1859: Insectes des Indes orientales, et de contrées analogues. 2:de Série. Études Entomologiques Motschulsky 8: 25-118.
- Motschulsky V. de. 1861: Essai d'un catalogue des insectes de l'Île Ceylan. Bulletin de la Société Impériale des Naturalistes de Moscou 34(2): 95-155.
- Mouchamps R. 1955: Note systématique sur le genre Suphis Aubé. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique 31(57): 1-7.
- Müller O.F. 1776: Zoologiae Danicae prodromus, seu animalium Daniae et Norvegiae indigenarum characteres, nomina, et synonyma imprimis popularium. Havniae: Hallageriis, xxxii + 274 + 8 pp.
- Nakane T. 1993: Notes on some little-known beetles (Coleoptera) in Japan. 10. Kita-Kyûshû no Konchû 40(1): 1-8 + 1 pl.
- Nilsson A.N. 1995: Noteridae and Dytiscidae: Annotated check list of the Noteridae and Dytiscidae of China (Coleoptera), pp. 35-96. In: Jäch M.A. & Ji L. (Eds.). "Water beetles of China, Vol. 1. Wien: Zoologisch-Botanische Gesellschaft in Österreich und Wiener Coleopterologenverein, 410 pp.
- Nilsson A.N. 2001: Dytiscidae (Coleoptera). World Catalogue of Insects 3: 1-395.
- Nilsson A.N. 2003: Noteridae. Pp. 33-35. In: Löbl I. & Smetana A. (Eds.). Catalogue of Palaearctic Coleoptera. Vol. 1. Stenstrup: Apollo Books, 819 pp.
- Nilsson A.N. 2004: Errata for volume 1. Noteridae. P. 17. In: Löbl I. & Smetana A. (Eds.). Catalogue of Palaearctic Coleoptera. Vol. 2. Stenstrup: Apollo Books, 942 pp.
- Nilsson A.N. 2005: Family Noteridae (Coleoptera, Adephaga). World Catalogue of Insects 7: 87-153.
- Nilsson A.N., Roughley R.E. & Brancucci M. 1989: A review of the genus- and family-group names of the family Dytiscidae Leach (Coleoptera). Entomologica Scandinavica 20: 287-316.
- Normand H. 1938: Contribution au catalogue des coléoptères de la Tunisie (13e fascicule) (1). Bulletin de la Société d'Histoire Naturelle de l'Afrique du Nord 29: 337-371.
- Omer-Cooper Joyce. 1931: Report on the Dytiscidae (Coleoptera), Mr. Omer-Cooper's investigation of the Abyssinian fresh waters (Hugh Scott Expedition). Proceedings of the Zoological Society of London 1931: 751-801.
- Omer-Cooper J. 1956: Some records of Dytiscidae (Col.) from Mozambique. Sociedade de Estudos de Mozambique 101: 19-32.
- Omer-Cooper J. 1957a: Dytiscidae from Nyasaland and Southern Rhodesia. I. General introduction. II. Noterinae. Journal of the Entomological Society of Southern Africa 20(3): 353-372.
- Omer-Cooper J. 1957b: Dytiscidae (Coleoptera) collected in the Transvaal (Rhodes University Expedition 1948). Memoirs of the Entomological Society of Southern Africa 5: 1-90.
- Omer-Cooper J. 1958: Some Dytiscidae (Col.) from Swaziland, Southern Africa, with the description of a new species. The Entomologist's Monthly Magazine 94: 57-60.
- Omer-Cooper J. 1965: Chapter 2. Coleoptera: Dytiscidae. A review of the Dytiscidae of Southern Africa being the results of the Lund University Expedition 1950-1951, with which are incorporated all other records known to the author. South African Animal Life 11: 59-214.
- Omer-Cooper J. 1967: Dytiscidae (Coleoptera) of Nyasaland and Southern Rhodesia. X. Cybisterini and addenda. Journal of the Entomological Society of Southern Africa 30: 48-63.
- Omer-Cooper J. 1972: On the African species of the genus Synchortus Sharp (Coleoptera: Dytiscidae) and the description of a new species. Journal of the Entomological Society of Southern Africa 35(1): 35-43.
- Paulino de Oliveira M. 1880: Études sur les insectes d'Angola qui se trouvent au Muséum National de Lisbonne. Dytiscidae, Gyrinidae et Hydrophilidae. Jornal de Ciencias Mathematicas, Physicas e Naturaes, Lisboa 27: 151-158.
- Pederzani F. 1988: Dytiscidae collected in Zambia and description of Hyphydrus fluviatilis n. sp. and Hyphydrus zambiensis n. sp. (Coleoptera Dytiscidae). Atti dell'Accademia Roveretana degli Agiati, Contributi della Classe di Scienze Matematiche, Fisiche e Naturali (B) 26(1986): 103-118.
- Pederzani F. 1995: Keys to the identification of the genera and subgenera of adult Dytiscidae (sensu lato) of the world (Coleoptera Dytiscidae). Atti dell'Accademia Roveretana degli Agiati, Contributi della Classe di Scienze Matematiche, Fisiche e Naturali (7:4B) 244(1994): 5-83.
- Pederzani F. & Rocchi S. 1982: Dytiscidae (Coleoptera) collected in the People's Republic of Congo by Mr. Giovanni Onore in the years 1977-1980. Redia 65: 65-88.
- Pederzani F. & Sanfilippo N. 1978: Contributo alla conoscenza dei ditiscidi delle isole Seychelles e del Madagascar (Coleoptera Dytiscidae). Memorie della Società Entomologica Italiana 56: 239-243.
- Peschet R. 1921: Description d'un Canthydrus (Coleoptera-Dytiscidae) nouveau, des Iles Philippines. The Philippine Journal of Science 18: 693-694.

- Peschet R. 1922: Dytiscidae et Gyrinidae recueillis par le Marquis S. Patrizi en Afrique orientale anglaise. *Annali del Museo Civico di Storia Naturale Giacomo Doria Genova* (3) 9(49): 374-377.
- Peschet R. 1925: Haliplidae, Dytiscidae, Gyrinidae. *Mission Rohan-Chabot Angola et Rhodesia* 4(3): 27-46 + 1 map.
- Porta A. 1923: *Fauna Coleopterorum Italica*. Vol. 1. Aephaga. Piacenza: Stabilimento Tipografico Piacentino, vi + 285 pp.
- Portevin G. 1929: *Historie naturelle des coléoptères de France*. Vol. 1. Aephaga - Polyphaga: Staphylinoidea. *Encyclopédie entomologique (A)* vol. 12. Paris: Paul Lechevalier, 649 pp. + 4 pls.
- Ragusa E. 1882: Coleotteri nuovi o poco conosciuti della Sicilia. *Il Naturalista Siciliano* 1: 248-251.
- Régimbart M. 1877: Description de douze nouvelles espèces d'hydrocanthares recueillies à Manille par M. Baer. *Annales de la Société Entomologique de France* (5) 7, *Bulletin des Séances: LXXVIII-LXXX*.
- Régimbart M. 1878a: Énumération des dytiscides et gyrinides recueillis par Ch. Piochard de la Brûlerie dans ses voyages en Orient (1). *Annales de la Société Entomologique de France* (5) 7(1877): 347-354.
- Régimbart M. 1878b: Descriptions de Dytiscides nouveaux de Manille. *Annales de la Société Entomologique de France* (5) 7(1877): 355-362.
- Régimbart M. 1880: The new Dytiscidae and Gyrinidae collected during the recent scientific Sumatra-expedition. *Notes from the Leyden Museum* 2: 209-216.
- Régimbart M. 1883: Dytiscides nouveaux de la collection du Musée Royal de Leyde. *Notes from the Leyden Museum* 5: 225-234.
- Régimbart M. 1888: Viaggio di Leonardo Fea in Birmania e regioni vicine. *Annali del Museo Civico di Storia Naturale Giacomo Doria Genova* (2) 6(26): 609-623.
- Régimbart M. 1889a: Contributions à la faune indo-chinoise. 2e mémoire. Hydrocanthares. *Annales de la Société Entomologique de France* (6) 9: 147-156.
- Régimbart M. 1889b: Énumération des Haliplidae, Dytiscidae et Gyrinidae recueillis par Mr. le prof. L. Balzan dans l'Amérique méridionale et description de quelques autres espèces voisines. *Annali del Museo Civico di Storia Naturale Giacomo Doria Genova* (2) 7: 256-268.
- Régimbart M. 1889c: Dytiscidae et Gyrinidae nouveaux ou rares de la collection du Musée Royal de Leyde. *Notes from the Leyden Museum* 11: 51-63.
- Régimbart M. 1889d: Descriptions de dytiscides nouveaux de l'Amérique du Sud. *Annales de la Société Entomologique de France* (6) 8(1888): 388-392.
- Régimbart M. 1889e: Voyage de M.E. Simon au Venezuela (décembre 1887-avril 1888). Dytiscidae et Gyrinidae. *Annales de la Société Entomologique de France* (6) 8(1888): 379-387.
- Régimbart M. 1891: Viaggio di Leonardo Fea in Birmania e regioni vicine. XXXIII. Énumération des Dytiscidae et Gyrinidae recueillis par M. Leonardo Fea, dans ses voyages en Birmanie et régions voisines. *Annali del Museo Civico di Storia Naturale Giacomo Doria Genova* (2) 10(30): 537-554.
- Régimbart M. 1892a: Description de deux Hydrocoptus (Dytiscidae) nouveaux. *Notes from the Leyden Museum* 14: 11-12.
- Régimbart M. 1892b: Viaggio di Lamberto Loria nella Papuasias orientale. IV. Haliplidae, Dytiscidae et Gyrinidae. *Annali del Museo Civico di Storia Naturale Giacomo Doria Genova* (2) 10(1890-1891)(30): 978-997.
- Régimbart M. 1892c: Insectes du Bengale occidental. 16e mémoire. Hydrocanthares. *Annales de la Société Entomologique de Belgique* 36: 112-121.
- Régimbart M. 1893a: Voyage de M.E. Simon à l'Île de Ceylan (janvier-février 1892). 2e mémoire. Dytiscidae & Gyrinidae. *Annales de la Société Entomologique de France* 62: 99-104.
- Régimbart M. 1893b: Liste des Dytiscidae, Gyrinidae, Hydrophilidae et Dryopidae recueillis par M. le Dr Théod. Barrois en Syrie. *Revue Biologique du Nord de la France* 5(1892-1893): 362-365.
- Régimbart M. 1894: Voyage de M.E. Simon dans l'Afrique australe (Décembre - Mars 1893). Haliplidae, Dytiscidae & Gyrinidae. *Annales de la Société Entomologique de France* 63: 227-240.
- Régimbart M. 1895a: Dytiscides trouvés dans les tabacs par les soins de M. Antoine Grouvelle. *Annales de la Société Entomologique de France* 64: 321-348 + pl. 8:3-18.
- Régimbart M. 1895b: Révision des Dytiscidae et Gyrinidae d'Afrique, Madagascar et îles voisines. *Mémoires de la Société Entomologique de Belgique* 4: 1-244.
- Régimbart M. 1895c: Esplorazione del Giuba e dei suoi affluenti compiuta dal Cap V. Bottego durante gli anni 1892-93 sotto gli auspicii della Società Geografica Italiana. Risultati zoologici. XI. Dytiscidae e Gyrinidae. *Annali del Museo Civico di Storia Naturale Giacomo Doria Genova* (2) 15: 185-194.
- Régimbart M. 1899a: Révision des Dytiscidae de la région Indo-Sino-Malaise. *Annales de la Société Entomologique de France* 68: 186-367.
- Régimbart M. 1899b: Dytiscidae et Gyrinidae nouveaux du Musée Civique de Gênes. *Annali del Museo Civico di Storia Naturale Giacomo Doria Genova* (2) 20: 193-198.
- Régimbart M. 1900a: Contribution à l'étude de la faune entomologique de Sumatra (Côte ouest - Vice-résidence de Païnan) (Chasses de M.J.-L. Weyers). *Annales de la Société Entomologique de Belgique* 44: 147-148.
- Régimbart M. 1900b: Coléoptères aquatiques capturés dans l'île d'Aldabra, près des Comores, par le Dr. Voeltzkow, de Strasbourg, et communiqués par le Dr. Bergröth. *Bulletin de la Société Entomologique de France* 1900: 49-52.
- Régimbart M. 1902: Voyage du Dr W. Horn à Ceylan. Coléoptères aquatiques. *Annales de la Société Entomologique de France* 71: 468-475.
- Régimbart M. 1903a: Voyage de M. Maurice Maindron dans l'Inde méridionale (Mai à Novembre 1901). 1. Dytiscides, gyrinides et palpicornes. *Annales de la Société Entomologique de France* 72: 331-339.
- Régimbart M. 1903b: Coléoptères aquatiques (Haliplidae, Dytiscidae, Gyrinidae et Hydrophilidae) recueillis dans le sud de Madagascar par M. Ch. Alluaud (juillet 1900 - mai 1901). *Annales de la Société Entomologique de France* 72: 1-51.
- Régimbart M. 1903c: Liste des Dytiscidae & Gyrinidae recueillis par le Dr Philippe Silvestri dans l'Amérique méridionale de 1898 à 1900. *Bollettino della Società Entomologica Italiana* 35: 46-74.
- Régimbart M. 1904a: Dytiscidae et Gyrinidae recueillis par Mr. L. Fea en Afrique occidentale. *Annali del Museo Civico di Storia Naturale Giacomo Doria Genova* (3) 1: 65-68.
- Régimbart M. 1904b: Dytiscides et gyrinides recueillis au Vénézuéla et à la Guyane par M.F. Geay et faisant partie des collections du Muséum d'Histoire Naturelle. *Bulletin du Muséum National d'Histoire Naturelle Paris* 1904(5): 224-226.
- Régimbart M. 1904c: Familles des Dytiscides, des Gyrinides et des Hydrophilides. *Mission Pavie, Indo-chine. Études diverses* 3: 81-82.
- Régimbart M. 1906: Voyage de M. Ch. Alluaud dans l'Afrique Orientale. Dytiscidae, Gyrinidae, Hydrophilidae. *Annales de la Société Entomologique de France* 75: 235-278.
- Régimbart M. 1922: Dytiscides, Gyrinides et Hydrophilides. Voyage de M. le Baron Maurice de Rothschild en Éthiopie et en Afrique Orientale Anglaise (1904-1905) 2: 528-536.
- Reiche L. & Lallemand C. 1872: Catalogue des Coléoptères de l'Algérie et contrées voisines avec descriptions d'espèces nouvelles. *Mémoires de la Société Linnéenne de Normandie* 15(1865-1869)(4): 1-44.
- Reiche L. & Saulcy F. de. 1855: Espèces nouvelles ou peu connues de coléoptères recueillis par M. F. de Saulcy dans son voyage en Orient. *Annales de la Société Entomologique de France* (3) 3: 561-645.
- Reintjes N. 2004: Noteridae and Dytiscidae of the Comoé National Park, Ivory Coast, West Africa (Coleoptera: Noteridae, Dytiscidae). *Koleopterologische Rundschau* 74: 45-74
- Reintjes N. & Pederzani F. 2002: Seventeen records of Noteridae and Dytiscidae new to the Ivory Coast, West Africa (Coleoptera: Noteridae, Dytiscidae). *Koleopterologische Rundschau* 72: 113-122.
- Reitter E. 1908: *Fauna Germanica. Die Käfer des Deutschen Reiches*. Vol. 1. Stuttgart: K.G. Lutz' Verlag, viii + 248pp + 40 pls.
- Ribera I., Beutel R.G., Balke M. & Vogler A.P. 2002: Discovery of Aspidytidae, a new family of aquatic Coleoptera. *Proceedings of the Royal Society, London (B)* 269: 2351-2356.
- Rocchi S. 1975: Coleotteri Dytiscidi dell'Africa orientale. *Monitore Zool. Ital. N.S. Suppl.* 6: 45-56.

- Rocchi S. 1976: Dytiscidi del Bengla-desh con descrizione di *Copelatus brivioi* n. sp. (Coleoptera Dytiscidae). Bollettino della Società Entomologica Italiana 108(8-10): 177-180.
- Rocchi S. 1986: Dytiscidi di Birmania, Thailandia e Sri Lanka, con descrizione di due nuove specie (Coleoptera) (XVI Nota sui coleotteri idrodefagi). Bollettino della Società Entomologica Italiana 118 (1-3): 31-34.
- Rocchi S. 1990: Idrodefagi raccolti nel Kenya nord-orientale e descrizione di *Copelatus pardii* n.sp. Rendiconti Lincei, Accademia Nazionale dei Lincei, Roma, Classe di Scienze Fisiche, Matematiche e Naturali (9) 1(4): 441-445.
- Rocchi S. 1993: Contributo alla conoscenza degli Haliplidae e dei Dytiscidae del Madagascar con descrizione di due nuove specie (Coleoptera). Frustula Entomologica (N.S.) 14(1991) (27): 71-89.
- Rocchi S. 2000: Contributo alla conoscenza dei ditiscidi di Guinea con descrizione di due nuove specie (Coleoptera, Dytiscidae). Fragmenta Entomologica, Roma 32(1): 11-33.
- Rocchi S. 2001: Dytiscidae raccolti in India durante due missioni entomologiche (1995, 1997) organizzate dal Museo Zoologico "La Specola" dell'Università di Firenze (Coleoptera, Dytiscidae). Atti del Museo di Storia Naturale della Maremma 19: 63-75.
- Roughley R.E. 1991: Family Noteridae. Pp. 61-62. In: Bousquet Y. (Ed.). Checklist of beetles of Canada and Alaska. Agriculture Canada Publication 1861/E.
- Roughley R.E. 2001: Noteridae C.G. Thomson, 1857. Pp. 147-152. In: Arnett R.H. Jr. & Thomas M.C. (Eds.). American beetles. Vol. 1. Archostemata, Myxophaga, Adepaga, Polyphaga: Staphyliniformia. Boca Raton: CRC Press, 443 pp.
- Sahlberg R.F. 1844: Coleoptera diebus XV-XXVII decembris anni MDCCCXXXIX ad Rio Janeiro lecta. Part 1. Acta Societatis Scientiarum Fenniae 2(1): 499-522.
- Saleh Ahmed R. & Angus R.B. 2000: Chromosomal analysis of *Neohydrocoptus jaechi* (Wewalka) and *Canthydrus diopthalmus* (Reiche & Saulcy) (Coleoptera: Noteridae). Aquatic Insects 22: 165-170.
- Saleh Ahmed R., Angus R.B., Zalut S. & Kaschif A.H. 1997: Taxonomy and chromosomal analysis of Egyptian *Synchortus imbricatus* (Klug) (Coleoptera: Noteridae). Aquatic Insects 19: 107-116.
- Satô M. 1972: Some notes on dytiscoid-beetles from Vietnam (Coleoptera). Annales Historico-Naturales Musei Nationalis Hungarici 64: 143-153.
- Say T. 1823: Descriptions of insects of the families of Carabici and Hydrocanthari of Latreille, inhabiting North America. Transactions of the American Philosophical Society N.S. 2(1825)(1): 1-109.
- Say T. 1830-1834: Description of new North American insects, and observations on some of the species already described. New Harmony, Indiana: 81 pp. [Reprinted in Transactions of the American Philosophical Society 4(1834): 409-470.]
- Schaefflein H. 1971: Familie: Dytiscidae, echte Schwimmkäfer. Pp. 16-89. In: Freude H., Harde K.W. & Lohse G.A. (Eds.). Die Käfer Mitteleuropas. Vol. 3. Krefeld: Goecke & Evers, 365 pp. + 1 tab.
- Schaum H. 1857: Mélanges entomologiques. Annales de la Société Entomologique de France (3) (Bulletin Entomologique) 5: LXXVIII-LXXXI.
- Scopoli J.A. 1763: Entomologia Carniolica exhibens Insecta Carnioliae indigena et distributa in ordines, genera, species, varietates. Methodo Linnaeana. Vindobonae: I.T. Trattner, 30 + 420 + 1 pp.
- Seidlitz G.K.M. von. 1887: Bestimmungs-Tabelle der Dytiscidae und Gyrinidae des europäischen Faunengebietes. Verhandlungen des Naturforschenden Vereines in Brünn 25(1886): 3-136.
- Severin G. 1890b: Note sur les hydrocanthares du Chota-Nagpore. Annales de la Société Entomologique de Belgique 34, C.R.: clxxxvi-cxciv.
- Severin G. 1892: Les collections d'articulés du Musée Royal d'Histoire Naturelle de Belgique. Annales de la Société Entomologique de Belgique 36: 469-478. Sharp D. 1873: The water beetles of Japan. Transactions of the Entomological Society of London 1873: 45-67.
- Sharp D. 1878a: List of aquatic Coleoptera collected by M. Camille van Volxem in Portugal & Marocco. Annales de la Société Entomologique de Belgique 20(1877): 112-115.
- Sharp D. 1880: Avis préliminaire d'une nouvelle classification de la famille des Dytiscidae. Annales de la Société Entomologique de Belgique 23, Comptes Rendus: cxlvii-clii.
- Sharp D. 1878b: Aquatic Coleoptera collected by M. Camille van Volxem in Brazil. Annales de la Société Entomologique de Belgique 20(1877): 116-119.
- Sharp D. 1882a: On aquatic carnivorous Coleoptera or Dytiscidae. Scientific Transactions of the Royal Dublin Society (2) 2: 179-1003 + pls. 7-18.
- Sharp D. 1882b: Biologia Centrali-Americana. Zoologia. Insecta. Coleoptera 1(2): xvi + 144 pp. + 4 pls.
- Sharp D. 1887: Biologia Centrali-Americana. Zoologia. Insecta. Coleoptera 1(2) Supplement: 748-802.
- Sharp D. 1890: On some aquatic Coleoptera from Ceylon. Transactions of the Entomological Society of London 1890: 339-359.
- Sharp D. 1904: Water beetles (Dytiscidae & Hydrophilidae) of the Swedish Zoological Expedition to Egypt and the White Nile. In: Jägerskiöld L.A. (Ed.): Results of the Swedish Zoological Expedition to Egypt and the White Nile 10: 1-10.
- Sherman J.D. 1913: Some habits of the Dytiscidae. Journal of the New York Entomological Society 21: 43-54.
- Smrž J. 1982: Comparative anatomy of proventriculus and intraelytral structure of the suborder Adephaga (Coleoptera). Acta Universitatis Carolinae - Biologica 1980: 213-296.
- Spangler P.J. 1966: The Catherwood Foundation Peruvian-Amazon Expedition. XIII. Aquatic Coleoptera (Dytiscidae; Noteridae; Gyrinidae; Hydrophilidae; Dascillidae; Helodidae; Psephenidae; Elmidae). Monographs of the Academy of Natural Sciences 14: 377-443.
- Spangler P.J. 1981: Supplement to the aquatic and semiaquatic Coleoptera of Cuba collected by the Biospeleological Expeditions to Cuba by the Academies of Science of Cuba and Romania. Résultats des Expéditions Biospéologiques Cubano-Roumaine a Cuba 3: 145-171.
- Spangler P.J. 1996: Four new stygobiontic beetles (Coleoptera: Dytiscidae; Noteridae; Elmidae). Insecta Mundi 10: 241-259.
- Spangler P.J. & Folkerts G.W. 1973: Reassignment of *Colpius inflatus* and a description of its larva (Coleoptera: Noteridae). Proceedings of the Biological Society of London 86(43): 501-509.
- Steinheil E. 1869: Symbolae ad historiam coleopterorum Argentinae meridionalis, ossia elenco dei coleotteri raccolti dal professore Pellegrino Strobel. Atti della Società Italiana di Scienze Naturali 12: 238-260.
- Sturm J. 1834: Deutschlands Fauna in Abbildungen nach der Natur mit Beschreibungen. Abt. V, Die Insecten. Vol. 8. Käfer. Nürnberg: Privately printed, vi + 168 pp. + pls. clxxxv-ccii.
- Sturm J. 1843: Catalog der Käfer-Sammlung von Jacob Sturm. Nürnberg: Privately printed, xii + 386 pp. + 6 pls.
- Thomson C.G. 1860: Skandinavien Coleoptera, synoptiskt bearbetade. Vol. II. Lund: Lundbergska Boktryckeriet, 304 pp.
- Toledo M. 2003: Synopsis of the Noteridae of China, based mainly on material collected during the China Water Beetle Survey (1993-2001), pp. 67-88. In: Jäch M.A. & Ji L. (Eds.). Water beetles of China, Vol. 3. Wien: Zoologisch-Botanische Gesellschaft in Österreich and Wiener Coleopterologenverein, VI + 572 pp.
- Toledo M. 2004: Diagnosis of *Noterus ponticus* Sharp, 1882 (Coleoptera: Noteridae). Koleopterologische Rundschau 74: 33-43.
- Toledo M. 2008: Taxonomic notes on Asian species of *Canthydrus* Sharp. I. Revision of *Canthydrus angularis* Sharp, description of a new species and 12 lectotype designations (Coleoptera: Noteridae). Koleopterologische Rundschau 78: 55-68.
- Toledo M. 2010: Noteridae: Review of the species occurring east of the Wallace line (Coleoptera). Pp. 195-236. In: Jäch M.A. & Balke M. (Eds.): Water beetles of New Caledonia (part 1). Monographs on Coleoptera 3: iv + 449 pp.
- Toledo M. & Hendrich L. 2006: Taxonomic revision of the Australasian *Hydrocanthus* Say 1833, with description of two

- new species (Coleoptera: Noteridae). Linzer Biologische Beiträge 38(1): 935-952.
- Turnbow R.H. Jr. & Smith C.L. 1983: An annotated checklist of the Hydradephaga (Coleoptera) of Georgia. Journal of the Georgia Entomological Society 18(4): 429-443.
- Uéno S.-I. 1957: Blind aquatic beetles of Japan, with some accounts of the fauna of Japanese subterranean waters. Archiv für Hydrobiologie 53: 250-296.
- Uéno S.-I. 1996: New phreatobiontic beetles (Coleoptera, Phreatodytidae and Dytiscidae) from Japan. Journal of the Speleological Society of Japan 21: 1-50.
- Vazirani T.G. 1953: On a collection of aquatic Coleoptera from the Mettur Dam, Salem District, Madras, with the description of a new species. Records of the Indian Museum, Calcutta 50(1952): 423-428.
- Vazirani T.G. 1968: Contribution to the study of aquatic beetles (Coleoptera). 1. On a collection of Dytiscidae from the Western Ghats with descriptions of two new species. Oriental Insects 1(1967): 99-112.
- Vazirani T.G. 1969a: Contribution to the study of aquatic beetles (Coleoptera). 2. A review of the subfamilies Noterinae, Laccophilinae, Dytiscinae and Hydroporinae (in part) from India. Oriental Insects 2(1968): 221-341.
- Vazirani T.G. 1969b: Two new species and notes on other species of aquatic Coleoptera from Ceylon. Spolia Zeylanica 31: 399-403.
- Vazirani T.G. 1970a: Fauna of Rajasthan, India. Part 5. Aquatic beetles (Insecta: Coleoptera: Dytiscidae). Records of the Zoological Survey of India 62: 29-49.
- Vazirani T.G. 1970b: Contributions to the study of aquatic beetles (Coleoptera). 10. On a collection of Dytiscidae from Goa. Oriental Insects 4: 441-446.
- Vazirani T.G. 1972: Contribution to the study of aquatic beetles. 13. A collection of Dytiscidae from Nilgiri Hills, South India, with the description of a new species. Proceedings of the Zoological Society of Calcutta 25: 117-122.
- Vazirani T.G. 1973: Contribution to the study of aquatic beetles. 12. On a collection of Dytiscidae from Gujarat with description of a new species. Records of the Zoological Survey of India 67(1972): 287-302.
- Vazirani T.G. 1974: Two new species of Dytiscidae (Insecta: Coleoptera) from India. Indian Museum Bulletin 7(1)(1972): 16-20.
- Vazirani T.G. 1975: Some new records of Dytiscidae (Coleoptera) from Tamil Nadu (India). Newsletter of the Zoological Survey of India 1(2): 20-21.
- Vazirani T.G. 1977a: Catalogue of Oriental Dytiscidae. Records of the Zoological Survey of India Miscellaneous Publication Occasional Paper 6(1976): 1-111.
- Vazirani T.G. 1977b: Contribution to the study of aquatic beetles (Coleoptera). 14. On the collection of Dytiscidae from Gujarat. Part 2. Records of the Zoological Survey of India 73(1-4): 53-61.
- Vazirani T.G. 1977c: Some new records of Dytiscidae (Coleoptera) from South Gujarat. Newsletter of the Zoological Survey of India 3(1): 41-45.
- Vazirani T.G. 1977d: Notes on a collection of Dytiscidae (Coleoptera) from Maharashtra, with description of a new species. Records of the Zoological Survey of India 73(1-4): 123-133.
- Vazirani T.G. 1981: Collection of Dytiscidae (Coleoptera) from Madhya Pradesh. Bulletin of the Zoological Survey of India 3: 257-265.
- Vinson J. 1956: Catalogue of the Coleoptera of Mauritius and Rodriguez. Part I. The Mauritius Institute Bulletin 4(1): 1-67.
- Vondel B. van. 2004: Report on a small collection of water beetles from the Gambia and Senegal. Latissimus 18: 40-41.
- Walker F. 1858: Characters of some apparently undescribed Ceylon insects. The Annals and Magazine of Natural History (3) 2: 202-209.
- Watts C.H.S. 1985: A faunal assessment of Australian Hydradephaga. Proceedings of the Academy of Natural Sciences Philadelphia 137: 22-28.
- Watts C.H.S. 2001: A new species of Australian Canthydrus Sharp with a key to the Australian species of Noteridae (Coleoptera). Records of the South Australian Museum 34(2): 61-64.
- Wehncke E. 1876: Zehn neue Hydrocanthus-Arten. Deutsche Entomologische Zeitschrift 20(2): 221-223.
- Wehncke E. 1883: Neue Dytisciden. Deutsche Entomologische Zeitschrift 27: 146-149.
- Wewalka G. 1973: Results of the Austrian-Ceylonese hydrobiological mission 1970 of the 1st Zoological Institute of the University of Vienna (Austria) and the Department of Zoology of the Vidyalkara University of Ceylon, Kelaniya. Part IX: Dytiscidae (Coleoptera). Bulletin of the Fisheries Research Station, Sri Lanka (Ceylon) 24(1-2): 83-87.
- Wewalka G. 1980: Results of the Austrian Hydrobiological Mission, 1974, to the Seychelles-, Comores- and Mascarene Archipelagos. Part VII: Dytiscidae, Gyrinidae (Coleoptera). Annalen des Naturhistorischen Museums in Wien 83: 723-732.
- Wewalka G. 1982: Results of the Austrian-Indian Hydrobiological Mission 1976, to the Andaman Islands. Part IX, Dytiscidae (Col.). Koleopterologische Rundschau 56: 115-125.
- Wewalka G. 1989: Systematic and faunistic notes on Noteridae and Dytiscidae of the Near East (Coleoptera). Koleopterologische Rundschau 59: 143-152.
- Wewalka G. 1992: Die Canthydrus flavus (Motschulsky)-Gruppe aus Südostasien (Coleoptera: Noteridae). Linzer Biologische Beiträge 24(2): 803-811.
- White A. 1847: Nomenclature of coleopterous insects in the collection of the British Museum. Part 2. Hydrocanthari. London: Edward Newman, 59 pp.
- White C.E., Young F.N. & Downe N.M. 1985: A checklist of the aquatic Coleoptera of Indiana. Indiana Academy of Science, Entomology 94: 357-369.
- Whiteman N.K. & Sites R.W. 2003: Lentic beetles of the Missouri prairie region: habitat and regional associations, with keys to the Hydradephaga. Transactions of the American Entomological Society 129(2): 185-243.
- Young F. N. 1952: A new species of Suphisellus from Florida (Coleoptera: Noteridae). Florida Entomologist 35(4): 157-158.
- Young F. N. 1953a: A new species of Hydrocanthus from Florida, with notes on other species of the genus (Coleoptera: Noteridae). Occasional Papers of the Museum of Zoology University of Michigan 549: 1-6.
- Young F.N. 1953b: The types of Hydradephaga in the W. S. Blatchley collection, with generic reassignments and synonymies (Coleoptera: Noteridae, Dytiscidae, Gyrinidae, Haliplidae). The Canadian Entomologist 85: 113-119.
- Young F.N. 1954: The water beetles of Florida. University of Florida Studies, Biological Science Series 5: 1-238.
- Young F. N. 1978: The New World species of the water-beetle genus Notomicrus (Noteridae). Systematic Entomology 3(3): 285-293.
- Young F. N. 1979a: Family 8. Noteridae, the burrowing water beetles. Yellow version. Marlton, New Jersey: North American Beetle Fauna Project, 3 pp.
- Young F. N. 1979b: Water beetles of the genus Suphisellus Crotch in the Americas north of Colombia (Coleoptera: Noteridae). The Southwestern Naturalist 24(3): 409-429.
- Young F. N. 1985: A key to the American species of Hydrocanthus Say, with descriptions of new taxa (Coleoptera: Noteridae). Proceedings of the Academy of Natural Sciences of Philadelphia 137(1): 90-98.
- Zaitzev F.A. 1953: Nasekomye zhestkokrylye. Plavuntsovye i vertyachki. Fauna SSSR 4(N. S. 58): 1-376.
- Zaitzev F.A. 1972: Fauna of the USSR. Coleoptera. Families: Amphizoidae, Hygrobiidae, Haliplidae, Dytiscidae, Gyrinidae. Jerusalem: Israel Program for Scientific Translations, 401 pp.
- Zalat S., Saleh R., Angus R.B. & Kaschef A. 2000: Diving beetles (Coleoptera: Dytiscidae and Noteridae) of Egypt. Egyptian Journal of Natural History 2: 1-107.
- Zimmermann A. 1919: Die Schwimmkäfer des Deutschen Entomologischen Museums in Berlin-Dahlem. Archiv für Naturgeschichte 83(1917)(A 12): 68-249.
- Zimmermann A. 1920a: Dytiscidae, Haliplidae, Hygrobiidae, Amphizoidae. In: Schenkling, S. (Ed.). Coleopterorum Catalogus. Vol. 4, pars 71. Berlin: W. Junk, 326 pp.
- Zimmermann A. 1920b: Bemerkenswerte Neuerwerbungen des Zoologischen Museums in Hamburg. Haliplidae, Dytiscidae et Gyrinidae. Entomologische Blätter 16: 224-234.

- Zimmermann A. 1921: Beiträge zur Kenntnis der südamerikanischen Schwimmkäferfauna nebst 41 Neubeschreibungen. Archiv für Naturgeschichte 87A(3): 181-206.
- Zimmermann A. 1924: Wissenschaftliche Ergebnisse der schwedischen entomologischen Reise des Herrn Dr. A. Roman in Amazonas 1914-1915. 9. Dytiscidae und Gyrinidae. e:Arkiv för Zoologi 16(4): 1-3.
- Zimmermann A. 1925a: Beiträge zur Kenntnis der südamerikanischen Wasserkäfer. Bollettino dei Musei di Zoologia ed Anatomia Comparata della Reale Università di Torino. (N. S.) 39(29): 1-4.
- Zimmermann A. 1925b: Drei neue Dytisciden aus Sao Paulo (Brasilien). (Dytisc.). Entomologische Mitteilungen 14: 254-256.
- Zimmermann A. 1926: Schwimmkäfer-Material aus Deutsch-Ost-Afrika gesammelt von Geh. Regierungsrat Methner in den Jahren 1902-1916. Entomologische Blätter 22: 18-31.
- Zimmermann A. 1927a: Fauna sumatrensis. (Beitrag Nr. 45). Revision der Haliplidae et Dytiscidae von Sumatra. Supplementa Entomologica, Berlin Dahlem 16: 1-44.
- Zimmermann A. 1927b: Dr. E. Mjöberg's zoological collections from Sumatra. 7. Haliplidae and Dytiscidae. Arkiv för Zoologi (A) 19(13): 1-6.
- Zimmermann A. 1927c: Bemerkungen über einige Schwimmkäfer des Senckenberg-Museums nebst Neubeschreibungen. Senckenbergiana 9: 32-38.
- Zimmermann A. 1927d: Dytiscidae. Insects of Samoa 4(1): 15-19.
- Zimmermann A. 1928: Neuer Beitrag zur Kenntnis der Schwimmkäfer. Wiener Entomologische Zeitung 44: 165-187.