

New Data on the Distribution of Old World Hydrophilidae (Coleoptera)

by FRANZ HEBAUER & SERGEY K. RYNDEVICH

ABSTRACT

New data concerning the distribution of Hydrophilidae of the Old World since Hansen's World Catalogue of Insects Vol. I (HANSEN 1999) are listed for current completion of that catalogue.

KEY WORDS

Insecta, Coleoptera, Hydrophilidae, Old World, distribution, new data.

INTRODUCTION

Since publication of the "World Catalogue of Insects Vol. I" (HANSEN 1999) a lot of new and interesting records from additional areas has been evaluated and is listed below for completion of HANSEN's catalogue.

Descriptions of new species and genera will be published in separate papers. New records from Africa will be compiled in a separate check list (HEBAUER, in preparation); the Hydrophilid fauna of Papua New Guinea is published in HEBAUER (2001); the Hydrophilid fauna of northern India and southern Himalaya is published in HEBAUER (2002). A recent compilation of new data on the distribution of American Hydrophilidae is given by RYNDEVICH, 2004.

The material for this paper is based on studying the collections of several museums, such as the

- MTD Museum für Tierkunde Dresden;
- MNS Staatliches Museum für Naturkunde Stuttgart;
- NME Naturkundemuseum Erfurt;
- NPI Nezhin Pedagogical Institute (the Ukraine);
- ZIP Zoological Institute of Russian Academy of Sciences (St.-Petersburg, Russia);
- ZMM Zoological Museum of Moscow State University;
- ZMN Zoological Museum of Novosibirsk State University (Russia);
- and of private collections, including
- CAB Coll. Andrey Bienkovskiy, Moscow, Russia;
- CFH Coll. Franz Hebauer, Plattling, Germany;
- CHH Coll. Hans Hebauer, Rain-Duernhart, Germany;
- CIS Coll. Igor Solodovnikov, Vitebsk, Belarus;
- CSR Coll. Sergey Ryndevich, Baranovichy, Belarus.

New data

A. Subfamily Hydrophilinae:

Genus *Berosus*:

Genus *Regimbartia*

Regimbartia attenuata (FABRICIUS, 1801): 1 ex.: Laos centr., 70 km NE Vientiane, Ban Phabat env., N18°16.1', E103°10.9', 150 m, 27.4.-1.5.1997, leg. E. Jendek & O. Sausa (CFH).- New for Laos.

Regimbartia compressa (BOHEMAN, 1851): 1 ex.: Burkina Faso, Ouagadougou, Afrique Occ. Fr., VII-VIII 1927, Olsuf'ev. (ZIP); 1 ex.: same data X 926 (CSR).- New for Burkina Faso.

Regimbartia minima D'ORCHYMONT, 1941: 2 exs: Laos C. Khammouan prov. Nakai env., N17°43' E105°09', alt. 500 - 600 m, 22.5.-8.6.2001, leg. E. Jendek & O. Sausa (CFH).- New for Laos.

Genus *Allocotocerus*

Allocotocerus muelleri (KIRSCH, 1875): 1 ex.: Laos north, Louang Namtha env., N21°00.3', E 101°24.6', 31.V.1997, leg. E. Jendek & O. Sausa (CFH).- New for Laos.

Genus *Amphiops*

Amphiops mater SHARP, 1873: 3 exs.: Laos C. Khammouan prov. Nakai env., Route 8, N17°42.8' E109°09.1', alt. 560 m GPS, 4.-8.5.1998, leg. E. Jendek & O. Sausa (CHH).- New for Laos.

Amphiops mirabilis SHARP, 1890: 3 exs.: Thailand: Mae Hong Son Prov., N19°27', E18°20', 28.5.-2.6.1999, leg. Hauck (CFH); 1 ex.: Laos-NE, Hua Phan Prov., 25 km SE Vieng Xai, Ban Kangpabong env., N20°19', E104°25', 14.-18.5.2001, leg. J.Bezdek (CFH); 6 exs.: Laos C. Bolikhamsai prov. Ban Nape-Kaew Nua Pass, N18°22.3', E105°09.1' GPS, 18.4.-1.5.1998, alt. 600 m, leg. E. Jendek & O. Sausa (CFH); 3 exs.: Laos C. Khammouan prov. Nakai env., Route 8, N17°42.8' E109°09.1', alt. 560 m GPS, 4.-8.5.1998, leg. E. Jendek & O. Sausa (CHH); 2 exs.: Laos C. Khammouan prov. Nakai env., N17°43' E105°09', alt. 500 - 600 m, 22.5.-8.6.2001, leg. E. Jendek & O. Sausa (CFH).- New for Laos and Thailand.

Amphiops senegalensis (CASTELNAU, 1840): 2 exs.: Burkina Faso: Ouagadougou, Afrique Occ. Fr., X. 1926, Olsuf'ev.(ZIP, CSR).- 1 ex.: Poudon, Haute Volta, 18.-25.IX.1927 (ZIP).- 1 ex.: Madagascar: Madagasc. 109. Dupt Madag. (ZIP).- New for Madagascar and Burkina Faso.

Pelthydrus championi D'ORCHYMONT, 1926: 1 ex.: Laos C. Bolikhamsai prov. Ban Nape-Kaew Nua Pass, N18°22.3', E105°09.1' GPS, 18.4.-1.5.1998, alt. 600 m, leg. E. Jendek & O. Sausa (CFH).- New for Laos.

Genus *Paracymus*

Paracymus aeneus (GERMAR, 1824): 1 ex.: The Ukraine, the Crimea, 13 km NE Kerch', v. Osovino, decomposing seaweed, 7.08.1998, leg. Lukashuk A.O. (CSR) ; 1 ex.: Crimea, Evpatoriya, coast of lake Sasyk, 1.07.1997, leg. I.A. Solodovnikov (CSR) ; 1 ex.: Crimea, near Evpatoriya, coast of lake Maynaki, 3.07.1997, leg. I.A. Solodovnikov (CSR); 1 ex.: Russia, /Eastern Siberia/, Magad. obl., Snezhn. dol., 1.10.1987, No.83, leg. Ryabuchin (in Russian) (CSR).- New for Eastern Siberia and the Ukraine.

Paracymus orientalis D'ORCHYMONT, 1925: 1 ex.: Laos-NE, Hua Phan Prov., 25 km SE Vieng Xai, Ban Kangpabong env., N20°19', E104°25', 14.-18.5.2001, leg. J.Bezdek (CFH).- New for Laos.

Paracymus relaxus REY 1884: 1 ex.: Iran: Khuzistan, Shadegan, 1.-10.4.1956, leg. Richter & Schäuße (CFH); 2 exs.: Iran: Khuzistan, Shadegan, 1.-8.3.1956, leg. Richter (CFH); 1 ex.: Transcauc. Georgia, Kumisi pr. Tbilisi, 10.VI.1988, leg. Wrase (CFH).- New for Georgia and Iran.

Paracymus scutellaris (ROSENHAUER, 1856): 1 ex.: Turkiet-Marmaris, 20.V.1974, leg. T.-E.Leiler (CFH); 1 ex.: Turcia m. Prov. Mersin, 10 - 20 km NW, 600 m, 36°35'05"N, 34°30'14"E, 20.V.2002, leg. A. Skale (CFH).- New for Turkey.

Genus *Crenitis*

Crenitis apicalis (REITTER, 1896): 1 ex.: China, S. Sichuan, SW of Hunzi Villane, left tr. of Lianhegou River, 2800-2900 m, 24.6.2000, leg. Belousov, Kabak, Davidian (CSR).- New for Sichuan (China).

Genus *Anacaena*

Anacaena hunanensis PU, 1964: 1 ex.: Laos-NE, Hua Phan Prov., 25 km SE Vieng Xai, Ban Kangpabong env., N20°19', E104°25', 14.-18.5.2001, leg. J.Bezdek (CFH).- New for Laos.

Anacaena limbata (FABRICIUS, 1792): 1 ex.: Transcauc. Georgia Tbilisi, 19.VI.-13.VII.1988, leg. Wrase (CFH).- New for Georgia.

Anacaena lutescens (STEPHENS, 1829): Uzbekistan, Nuratan Mts., 25.5.1992/ 19.4.1992 leg. M. Balke (coll. Balke).- New for Uzbekistan.

Anacaena maculata PU, 1964: 3 exs.: Laos-NE, Hua Phan Prov., 25 km SE Vieng Xai, Ban Kangpabong env., N20°19', E104°25', 14.-18.5.2001, leg. J.Bezdek (CFH).- New for Laos.

Anacaena taurica RYNDEVICH, 2000: 3 exs.: Kazakhstan, Chimkent, r. Koshar-aga, 21.III.1936, D. Romashov (ZMM, CSR).- New for Asia and Kazakhstan.

Genus *Laccobius*

Laccobius (Compsolaccobius) pallidissimus REITTER, 1899: 1 ex.: SE Kazakhstan, Charyn Canyon W Chundzha, 650 m, 29.-31.II.2001, leg. W. Schawaller (CFH); 1 ex.: Kazakhstan,

Charyn vall. W Chundzha, 800 m, 10.-13.VI. 1993, leg. W. Schawaller (CFH).- New for Kazakhstan.

Laccobius (*Dimorpholaccobius*) atratus ROTTENBERG, 1874: 1 ex.: Tunisia, Tamerza, 11.4.1985, leg. M. Boumaiza (CFH). - New for Tunisia.

Laccobius (*Dimorpholaccobius*) chiesai GENTILI, 1974: 2 exs.: E Kazakhstan, W Tarbagatay Mts., 5 km N Taskesken, 600 m, 26.-27.VI.2001, leg. W. Schawaller (CFH).- New for Kazakhstan.

Laccobius (*Dimorpholaccobius*) hauserianus KNIZ, 1914: Kazakhstan: Tschimkent Mt., Syr-Darja river, Battakyl, 5.6.1995, leg. V. Lukhtanov (NME).- New for Kazakhstan.

Laccobius (*Dimorpholaccobius*) neapolitanus ROTTENBERG, 1874: 1 ex.: Tunisia, Ennour (NQ), 12.4.1985, leg. M. Boumaiza (CFH).- New for Tunisia.

Laccobius (*Dimorpholaccobius*) obscuratus aegaeus GENTILI, 1974: 1 ex.: The Ukraine, the Crimea, near Gurzuf, streams, 7.07.1999, leg. S.K. Ryndevich (CSR); 10 exs.: same data, 10.07.1999 (CSR); 5 exs.: same data, 11.07.1999 (CSR); 5 exs.: same data, 14.07.1999 (CSR); 67 exs.: same data, 3.07.2000 (CSR); 2 exs.: same data, 13.07.2000 (CSR); the Crimea, 1 ex.: 0,5 km N Gurzuf, pool, 8.07.1999, leg. S.K. Ryndevich (CSR); 1 ex.: 1 km W Gurzuf, pool, 8.07.1999, leg. S.K. Ryndevich (CSR); 3 exs.: the Crimea, near Krasnokamenka, strema, 6.07.2000, leg. S.K. Ryndevich (CSR); 13 exs.: the Crimea, Gurzuf, "Artek", streams, 11.07.2001, leg. S.K. Ryndevich (CSR); Alushta, river Ulu-Uzen, 9.07.2000, leg. S.K. Ryndevich (CSR); 2 exs.: near Partizanskoe, Gurzufskaya Yayla, pool, 12.07.2000, leg. S.K. Ryndevich (CSR); 12 exs.: the Crimea, near Gurzuf, river Avunda, 14.07.2001, leg. S.K. Ryndevich (CSR). - New for the Ukraine and the Crimea.

Laccobius (*Dimorpholaccobius*) simulatrix D'ORCHYMONT, 1932: Iran: Chelus, shore of Caspic Sea, 20 m, 13.10.1967, leg. Bernhauer & Köstlin (MNS).- New for Iran.

Laccobius (*Microlaccobius*) elegans GENTILI, 1979: 1 ex.: Laos C. Bolikhamsai prov. Ban Nape-Kaew Nua Pass, N18°22.3', E105°09.1' GPS, 18.4.-1.5.1998, alt. 600 m, leg. E. Jendek & O. Sausa (CFH).- New for Laos.

Laccobius (*Microlaccobius*) orientalis KNISCH, 1924: 1 ex.: Iraq: N Irak, Aski-Kalik, Erbil env., 1985, leg. R.M. Abdul-Karim (CFH); 1 ex.: Kazakhstan-Tschimkent Mts. Syr-Darja-river, Baltakyl, 5.6.1995, leg. V. Liukhtanov (NME).- New for Iraq and Kazakhstan.

Laccobius (*Microlaccobius*) roseiceps REGIMBART, 1903: 1 male: Japan: Honshu Shizuoka Prefecture, Hamamatsu-Shi-Nakatajima-sakyu, 27.VIII.2000, leg. J. Bergsten (CFH and coll. Bergsten).- New for the Palearctic region and Japan.

Genus *Helochares*

Helochares (*Helochares*) atropiceus REGIMBART, 1903: 1 ex.: Thailand: 25 km NW Lan Sak, 100 m, X.1989, leg. W. Tielen (CFH); 1 ex.: Thailand: Changwat Chiang Mai, Chiang Mai, 250 m, 24.-25.1.1989, leg. Trautmann & Geigenmüller (CFH).- New for Thailand.

Helochares (*Helochares*) insolitus D'ORCHYMONT, 1925: Vietnam: 2 exs.: S-Vietnam, Nam Cat Tien Nat.Park, 1.-15.5.1994, Pacholatko & Dembicky (CFH).- New for Vietnam.

Helochares (*Helochares*) lividoides HANSEN & HEBAUER (1988): 1 male: Turkey; Troy (Truva), 19.VI.1979, leg. B. & H. Malkin (CFH).- New for Turkey.

Helochares (*Helochares*) obscurus (MÜLLER, 1776): 1 ex.: Georgia: Transcauc. Georgia, Zchneti pr. Tbilisi, 800 m, 1.-10.VI.1987, leg. Wrase & Schülke (CFH); 1 ex.: Iran: Chalus, shore of Casp. Sea, -20 m, 13.X.1867, leg. Bernhauer & Köstlin (CFH).- New for Georgia and Iran.

Helochares (*Helochares*) punctatus SHARP, 1869, 1 ex.: Hungary, Kunitsk, 1900 (ZIP); 1 ex.: The Ukraine, Kharkov obl., Marefa, 3.VIII.1953 (ZIP); 1 ex.: Russia, Boblovo, Klin. u. Mosk. g., 26.IV.906, D. Smirnov (in Russian) (ZIP); 1 ex.: same data, 4.VII.906 (ZIP); 1 ex.: Mosk. gub.Dmitriev. z., r. Yachroma, 24.V.06, (in Russian) (ZIP); 1 ex.: Rostov reg., Chertkovo, 18.06.1992, leg. Danilevskiy (CSR).- New for Hungary, the Ukraine and Russia (European part).

Helochares (*Helochares*) taprobanicus SHARP, 1890: 7 exs.: Laos north: 20 km NW Louang Namtha, N21°09.2', E101°18.7', 500+100 m, 24.-30.5.1997, leg. E. Jendek & O. Sausa (CFH); 2 exs.: Laos C. Khammouan prov. Nakai env., N17°43' E105°09', alt. 500 - 600 m, 22.5.-8.6.2001, leg. E. Jendek & O. Sausa (CFH).- New for Laos.

Helochares (*Hydrobaticus*) anchoralis SHARP, 1890: 2 exs.: Vietnam: 180 km SSW Hanoi, 40 km SW Than Hoa Ben En Nat. Park, 5.-8-VIII.1997, leg. A. Napolov (NME).- New for Vietnam.

Helochares (*Hydrobaticus*) lentus SHARP, 1890: 4 exs.: Laos centr., Khammouan Prov., Nakai env., N17°42.8', E105°08.0', 560+20m, route 8, 4.-8.5.1998, leg. E. Jendek & O. Sausa (CFH); 3 exs.: Laos north, 20 km NW Louang, 24.-30.V.1997, leg. E. Jendek & O.

Sausa (CFH); 2 exs.: Laos-NE, Hua Phan Prov., 25 km SE Vieng Xai, Ban Kangpabong env., N20°19', E104°25', 14.-18.5.2001, leg. J. Bezdek (CFH); 1 ex.: Laos north, Louang Nam Tha env., N21°00.3', E101°24.6', 31.V.1997, leg. E. Jendek & O. Sausa (CFH); 3 exs.: Laos C. Bolikhamsai prov. Ban Nape-Kaew Nua Pass, N18°22.3', E105°09.1' GPS, 18.4.-1.5.1998, alt. 600 m, leg. E. Jendek & O. Sausa (CFH); 5 exs.: Laos C. Khammouan prov. Nakai env., Route 8, N17°42.8' E109°09.1', alt. 560 m GPS, 4.-8.5.1998, leg. E. Jendek & O. Sausa (CHH); 19 exs.: Laos C. Khammouan prov. Nakai env., N17°43' E105°09', alt. 500 - 600 m, 22.5.-8.6.2001, leg. E. Jendek & O. Sausa (CFH).- New for Laos.

Helochaeres (Hydrobaticus) minusculus D'ORCHY-MONT, 1943: 4 exs.: Laos C. Khammouan prov. Nakai env., N17°43' E105°09', alt. 500 - 600 m, 22.5.-8.6.2001, leg. E. Jendek & O. Sausa (CFH).- New for Laos.

Helochaeres (Hydrobaticus) negatus HEBAUER, 1995: 1 ex.: SE India, Madras env., Manapakkam, 10.09.1999, leg. S.V. Saluk (CSR).- New for India.

Helochaeres (Helochaeres) pallens (MACLEAY, 1825): 2 exs.: Laos C. Bolikhamsai prov. Ban Nape-Kaew Nua Pass, N18°22.3', E105°09.1' GPS, 18.4.-1.5.1998, alt. 600 m, leg. E. Jendek & O. Sausa (CFH); 1 ex.: China, SW Jiangxi, nr. Jigganshan, 26.05.-1.06.1998, 900 m, leg. S. Kurbatov (CSR).- New for Laos and Jiangxi (China).

Helochaeres (Hydrobaticus) schwendingeri HEBAUER, 1995: 3 exs.: Laos centr., 70 km NE Vientiane, Ban Phabat env., 150 m, N18°16.1', E103°10.9', 27.IV.-1.V.1997, leg. E. Jendek & O. Sausa (CFH); 2 exs.: Laos centr., Khammouan Prov., Nakai env., N17°42.8', E105°08.0', 560+20m, route 8, 4.-8.5.1998, leg. E. Jendek & O. Sausa (CFH); 3 exs.: Laos C. Khammouan prov. Nakai env., Route 8, N17°42.8' E109°09.1', alt. 560 m GPS, 4.-8.5.1998, leg. E. Jendek & O. Sausa (CHH); 6 exs.: Laos C. Khammouan prov. Nakai env., N17°43' E105°09', alt. 500 - 600 m, 22.5.-8.6.2001, leg. E. Jendek & O. Sausa (CFH).- New for Laos.

Genus *Chasmogenus*

Chasmogenus abnormalis (SHARP, 1890): 6 exs.: Laos C. Khammouan prov. Nakai env., N17°43' E105°09', alt. 500 - 600 m, 22.5.-8.6.2001, leg. E. Jendek & O. Sausa (CFH).- New for Laos.

Genus *Cymbiodyta*

Cymbiodyta marginella (FABRICIUS, 1792): 2 exs.: Nepal, Kathmandu vall., Dzhamacho Mt., 22.-26.05.1999, leg. V. Titov; 1 ex.: Kazakhstan, Tschimkent Mt., Syr-Darja river, Baltakyl., 5.6.1995, leg. V. Lukhtanov (NME); 1 ex.: Kazakhstan, Chalus, shore of Caspian Sea, 20 m, 13.10.1967, leg. Bernhauser & Köstlin (MNS).- New for Kazakhstan and Nepal.

Genus *Enochrus*

Enochrus (Lumetus) ater (KUWERT, 1888): 1 ex.: Turkey: Side, 5.6.1989, leg. G. Gillerfors (coll. Gillerfors).- New for Turkey.

Enochrus (Lumetus) bicolor (FABRICIUS, 1792): 2 exs.: Nepal, Katmandu vall., Dzhamacho Mt., 22.-26.05.1999, leg. V. Titov (CSR).- New for Nepal.

Enochrus (Lumetus) fuscipennis THOMSON, 1884: 1 ex.: Kirghizia, Tyan-Shan, Suusamir, h=2500, 4.05.2000, leg. Danilevskiy (CSR); 5 exs.: The Ukraine, Crimea, Karadag, 7.-8-06.1998, leg. I.A. Solodovnikov (CIS); 1 ex.: Russia. Moskov, obl., Taldomskiy r-n., okr. st. Mal'dino, 24.04.1999, leg. Petrov (in Russian) (CSR); 1 ex.: Moskov, obl., Taldomskiy r-n., okr. der. Shiryachino, prud. 11.06.1999, leg. Petrov (in Russian) (ZMM); 1 ex.: Pushchino, 74-V-7, (in Russian) (ZMM).- New for Kirghizia, the Ukraine and Russia (European part).

Enochrus (Lumetus) halophilus (BEDEL, 1878): 1 ex.: Greece, Korinth (CFH).- New for Greece.

Enochrus (Lumetus) politus (KÜSTER, 1849): 1 ex.: Irak: Rahhaliya, Ramadi, 23.8.1983/9.II.1983, leg. Anda & Al-Faisal (CFH); 1 ex.: Irak: Yusufiya, Bagh. 2.X.1984, leg. Anda & Al-Faisal (CFH).- New for Iraq.

Enochrus (Lumetus) quadripunctatus (HERBST, 1797): 1 ex.: Turkey: Aphrodisias 100 km SW Denizli, 2.VI.2000, leg. B.v. Vondel (CFH); 1 ex.: Turcia m. Prov. Antalya, 30 km E Antalya, 5 km Serik Belek, Hotel Riverside, 50 m, 29.V.2002, leg. A. Skale (CFH); 1 ex.: Anatolia mer. Kuyucuk-dag, forest zone, 1300 - 1500 m, S Egridir, 25.VII.1971, leg. Heinz (CFH); 2 exs.: Transcauc. Georgia, Tbilisi, 19.VI.-13.VII.1988, leg. Wrase (CFH); 2 exs.: Greece: Thiamis, 15.9.1992, leg. Sondermann (CFH); 1 ex.: Greece: Pramovitza, 13.9.1992, leg. Sondermann (CFH); 1 ex.: Greece: Aliakmonas, 13.9.1992, leg. Sondermann (CFH); 1 ex.: Tadjikistan, Amu-Darja river, 35 - 40 km W Shartuz, 300 m, 28.6. 1994, leg. V. Lukhtanov (CFH).- New for Georgia, Greece, Tadjikistan and Turkey.

Enochrus (Methydrus) coarctatus (GREDLER, 1863): Greece: Vironia-Strimon backwater, border of Bulgaria, 30.8.1987, leg. Bussler (CFH).- New for Greece.

Enochrus (Methydrus) esuriens (WALKER, 1858): 1 ex.: Irak: Roshdiya Bagh, 25.VII.1983, leg. Al.Faisal-Anda (CFH); 1 ex.: Irak: Suwairo-Kut, 3.4.1980, leg. Anda & Al-Faisal (CFH); 1 ex.: Irak: Kanan, Diyala, 1.VI.1983, leg. Anda & A-Faisal (CFH).- New for Iraq.

Enochrus (Methydrus) flavicans (REGIMBART, 1903): 1 ex.: Thailand, Prov. Chiang Mai, 25 km NW Lan Sak, 1100 m, 6.1.1989, leg. W. Thielen (CFH).- New for Thailand.

Enochrus (Methydrus) haroldi (SHARP, 1884): 3 exs.: Laos C. Khammouan prov. Nakai env., N17°43' E105°09', alt. 500 - 600 m, 22.5.-8.6.2001, leg. E. Jendek & O. Sausa (CFH).- New for Laos.

Enochrus (Methydrus) iteratus (SHARP, 1890): 1 ex.: Russia, Far East, Khabarovskiy reg., Bikin env., 6.-9-8-1982, leg. A. Plutenko (CFH).- New the Palearctic region and Russia.

Enochrus (Methydrus) tetraspilus (REGIMBART, 1903): 1 ex.: Turkey: Turcia m. Prov. Adana, 20 km SE Kadirli, Karatepe NP, 22.V.2002, Stausee-Ufer, kiesig, leg. A. Skale (CFH); 1 ex.: Turcia m. Prov. Gaziantep, Umg. Islahiye 420 m, 37°02'10"N, 36°38'02"E; 26.V.2002, leg. A. Skale (CFH); 1 ex.: Turkey: Side, 14.9./18.9.1991, leg. G. Gillerfors (coll. Gillerfors). - New for the Palearctic region and Turkey.

Genus *Hydrobius*

Hydrobius fuscipes (LINNAEUS, 1758): 2 exs.: Azerbaijan, Lenkoran distr., Narimanabad 2, at light, 22.06.1984, leg. A.D. Pisanenko (CSR); 1 ex.: same data, 3.07.1984 (CSR); 4 exs.: The Ukraine, the Carpathians, Ivano-Frankovsk reg., near Yaremcha, m. Pogor', 2.08.1992, leg. S.K. Ryndevich (CSR); 1 ex.: Irak: Ramadi Hotel, 22.5.1963, leg. Kary & Vartian (NMW); 1 ex.: Tadjikistan: Amu Darja river, 35-40 km W Shartuz, 300 m, 28.6.1994, leg. V. Lukhtanov (NME); 1 ex.: Uzbekistan: Samarkand, Sarafshchan, 11.5.1993, (coll. Brandstetter); 2 exs.: Iran, Hamadan prov., Amir Abad, 7 km south-east of Famanin, 35.05N 49.06E, stream, leg. Reza Vafaei & Amin Zamanian (coll. Vafaei); 1 ex.: Iran, Markazi prov., Shazand, 33.56N 49.25E, stream, leg. Reza Vafaei (coll. Vafaei).- New for Azerbaijan, Iran, Iraq, the Ukraine, Tadjikistan, and Uzbekistan.

Genus *Sternolophus*

Sternolophus (s.str.) rufipes (FABRICIUS, 1792): 1 ex.: Myanmar: "Burma", Kinda, reservoir, Palaung-river env., light, 23.-25.11.1989, leg. Tobias (CFH); 51 exs.: Laos centr., 70 km NE Vientiane, Ban Phabat env., 150 m, N18°16.1', E103°10.9', 27.IV.-1.V.1997, leg. E.Jendek & O. Sausa (CFH); 22 exs.: Laos centr., Khammouan Prov., Nakai env., N17°42.8', E105°08.0', 560+20m, route 8, 4.-8.5.1998, leg. E. Jendek & O. Sausa (CFH); 3 exs.: Laos north, 16 km NW Louang Namtha, N21°07.5', E101°21.9', 13.-24.5.1997, leg. E. Jendek & O. Sausa (CFH); 24 exs.: Laos centr., Prov. Bolikhamsai, Ban Nape, Kaew Nua-P., 18.4.-1.5.1998, leg. E. Jendek & O. Sausa (CFH); 2 exs.: Laos C. Khammouan prov. Nakai env., Route 8, N17°42.8' E109°09.1', alt. 560 m GPS, 4.-8.5.1998, leg. E. Jendek & O. Sausa (CHH); 2 exs.: Laos C. Khammouan prov. Nakai env., N17°43' E105°09', alt. 500 - 600 m, 22.5.-8.6.2001, leg. E. Jendek & O. Sausa (CFH).- New for Laos and Myanmar.

Sternolophus (Neosternolophus) inconspicuus (NIETNER, 1856): 7 exs.: Laos centr., 70 km NE Vientiane, Ban Phabat env., 150 m, N18°16.1', E103°10.9', 27.IV.-1.V.1997, leg. E.Jendek & O. Sausa (CFH); 7 exs.: Laos centr., Khammouan Prov., Nakai env., N17°42.8', E105°08.0', 560+20m, route 8, 4.-8.5.1998, leg. E. Jendek & O. Sausa (CFH); 1 ex.: Laos north, 16 km NW Louang Namtha, N21°07.5', E101°21.9', 13.-24.5.1997, leg. E. Jendek & O. Sausa (CFH); 5 exs.: Laos north, 20 km NW Louang, 24.-30.V.1997, N21°07.5', E101°21.9', leg. E. Jendek & O. Sausa (CFH); 4 exs.: Laos centr., Prov. Bolikhamsai, Ban Nape, Kaew Nua-P., 18.4.-1.5.1998, leg. E. Jendek & O. Sausa (CFH); 2 exs.: Laos C. Khammouan prov. Nakai env., Route 8, N17°42.8' E109°09.1', alt. 560 m GPS, 4.-8.5.1998, leg. E. Jendek & O. Sausa (CHH); 1 exs.: Laos C. Khammouan prov. Nakai env., N17°43' E105°09', alt. 500 - 600 m, 22.5.-8.6.2001, leg. E. Jendek & O. Sausa (CFH).- New for Laos.

Genus *Hydrochara*

Hydrochara affinis (SHARP, 1873): 1 ex.: Tadjikistan: Amur-Darja river, W Shartuz, 300 m, 28.6.1994, leg. V. Lukhtanov (NME)- New for Tadjikistan; 2 exs.: Uzbekistan, r/n Nukus, s/kh Zhdanov, 16.IX-972 (in Russian) (ZMM, CSR); 1 ex.: Russia, Sakhalin, Gorno-zavodsk, 11.8.1992, leg. A.V. Frolov (CRS).- New for Tadjikistan, Uzbekistan and island Sakhalin (Russia).

Hydrochara flavipes (STEVEN, 1808): 1 ex.: Tadjikistan: Amur-Darja river, W Shartuz, 300 m, 28.6.1994, leg. V. Lukhtanov (NME)- New for Tadjikistan.

Hydrochara vicina BAMEUL, 1996: 1 male, 1 female: China, Sichuan, VIII.1997, leg.? (CHH).- New for China.

Genus **Hydrobiomorpha**

Hydrobiomorpha spinicollis nordica MOUCHAMPS, 1959: 11 exs.: Laos C. Khammouan prov. Nakai env., N17°43' E105°09', alt. 500 - 600 m, 22.5.-8.6.2001, leg. E. Jendek & O. Sausa (CFH).- New for Laos.

Genus **Hydrophilus**

Hydrophilus (Hydrophilus) acuminatus MOTSCHULSKY, 1854: 1 ex.: South Korea, Yangpung Gun Hwayon pond, Kyangsangpukdo, 2.8.1989, leg. Lee (CFH); 1 ex.: Vietnam, Nattang, 160 km NNW Hanoi NE env. of Na Hang, 150 - 200 m, 9.-13.6.1996, leg. A. Napolev (CFH).- New for Korea and Vietnam.

Hydrophilus (Hydrophilus) aterrimus ESCHSCHOLZ, 1822: 1 ex.: Iran, Süd-Persien, Prov. Chusistan, Khorramshar env., 16.9.1997, leg. J. Popp (CFH).- New für Iran.

Hydrophilus (Hydrophilus) bilineatus bilineatus (MACLEAY, 1825): 1 ex.: Laos C. Khammouan prov. Nakai env., N17°43' E105°09', alt. 500 - 600 m, 22.5.-8.6.2001, leg. E. Jendek & O. Sausa (CFH).- New for Laos.

Hydrophilus (Hydrophilus) bilineatus caschmirensis Redtenbacher, 1844: 1 ex.: Andaman Isl.: S. Andaman, near Port Blair, Wandoor beech, 1.-2.03.1998, leg. V. Siniaev & A. Kamenev (CHH).- New for the Andaman Islands.

Hydrophilus (s.str.) piceus (LINNEAUS, 1758): 1 ex.: Kazakhstan: Tschimkent Mts., Syr Darja river, Baltokyl, 5.6.1995, leg. V. Lukhtanov (NME); 1 ex.: Moldova, Slobodenskiy r-n, s. Chabruchi, 20.07.1989, leg. D. Melkomanovich (in Russian) (CSR); 1 ex.: Azerbaijan, Lenkoran distr. Narimanabad 2, at light, 22.06.1984, leg. A.D. Pisanenko (CSR).- New for Moldova, Azerbaijan and Kazakhstan.

Subfamily Sphaeridiinae:

Genus **Coelostoma**

Coelostoma (Holocoelostoma) stultum (WALKER, 1858): 1 ex.: Afghanistan: 25 km N Berikot, 1800 m, Nuristan, 12.-17.7.1963, leg. Kary & Vartian (NMW).- New for Afghanistan.

Coelostoma (Holocoelostoma) thienemanni D'ORCHYMONT, 1932: 5 exs.: Laos C. Khammouan prov. Nakai env., N17°43' E105°09', alt. 500 - 600 m, 22.5.-8.6.2001, leg. E. Jendek & O. Sausa (CFH).- New for Laos.

Coelostoma (Lachnocoelostoma) transcaspicum REITTER, 1906: 2 exs.: SE India, Tamil Nadu, Madras env. (Chennai), Manapakkam, 1.-7-09.1999, leg. V. Titov; 2 exs.: Iran: Markazi prov., ca. 32 km W Arak, Do Ab, Shara stream, ca. at 34.04N, 49.22E, leg. Vafaei (CFH).- New for Iran and India.-[This record confirms that *C. transcaspicum* inhabits also the Oriental region. The records from Laos, Malaysia and Vietnam (d'ORCHYMONT, 1928) however need confirmation.

Genus **Dactylosternum**

Dactylosternum hydrophiloides (MACLEAY, 1825): 1 ex.: Laos centr., Khammouan Prov., Nakai env., N17°42.8', E105°08.0', 560+20m, route 8, 4.-8.5.1998, leg. E. Jendek & O. Sausa (CFH); 11ex.: Laos north, 20 km NW Louang, 24.-30.V.1997, leg. E. Jendek & O. Sausa (CFH); 5 exs.: Laos C. Khammouan prov. Nakai env., N17°43' E105°09', alt. 500 - 600 m, 22.5.-8.6.2001, leg. E. Jendek & O. Sausa (CFH).- New for Laos.

Genus **Protosternum**

Protosternum atomarium SHARP, 1890: 1 ex.: Vietnam, N; 55 km NNW Hanoi, Tam Dao vill. env.; 800 - 900 m NN, 11.-14.VIII.1998, leg. A. Napolev (CFH).- New for Vietnam.

Genus **Armostus**

Armostus optatus SHARP, 1890: 7 exs.: Myanmar: "Burma", Kinda storage-lake, Palaung river env., light trap, 23.-25.11.1989, leg. Tobias (CFH); 1 ex.: Myanmar: Burma central, Mandalay, 20.9.1984, leg. D. Grohmann (CFH); 1 ex.: N-Thailand: Lom Sak, 40 km N Phetchabun, ca. 120m, VIII.1987, leg. W. Thielen (CFH); 3 exs.: Thailand: Changwat Chiang Mai, Chiang Mai, 13.1.1989, 250 m, leg. Trautmann & Geigenmüller (CFH, MNS); Laos

centr., Prov. Bolikhamsai, Ban Nape, Kaew Nas-P., 18.4.-1.5.1998, leg. E. Jendek & O. Sausa (CFH); 2 exs.: Laos north, 31.V.1997, Louang Nam tha env., N21°00.2', E101°24.8'; leg. E. Jendek & O. Sausa (CFH); 6 exs.: Laos centr. 27.IV.-1.V.1997, 70 km NE Vientiane, Ban Phabat env., 160 m, N18°16.1', E103°10.9', leg. E. Jendek & O. Sausa (CFH).- New for Laos, Myanmar and Thailand.

Armotus schenklingi (D'ORCHYMONT, 1914): 1 ex.: Myanmar: Burma central, Mandalay, 20.9.1984, leg. D. Grohmann (CFH); 2 exs.: Philippines: Leyte Visca N Baybay, cultiv. land, 1991, leg. Schawaller & al. (CFH, MNS).- New for Myanmar and for the Philippines.

Genus **Cercyon**

Cercyon (s.str.) granarius ERICHSON, 1837: 3 exs.: SE Tibet, Zhong La Shan pass, 5 km E of Markan, 3./6.8.1998, alpine meadow ca 4100 m, O. Safranek & M. Tryzna leg. (CHH).- New for Tibet.

Cercyon (s.str.) lateralis (MARSHAM, 1802): Tadjikistan, Amu-Darja-river, 35 - 40 km W Shartuz, 300 m, 28.6.1994, leg. V. Lukhtanov (NME).- New for Tadjikistan.

Cercyon (s.str.) nigriceps (MARSHAM, 1802): 1 ex.: Laos centr., 70 km NE Vientiane, Ban Phabat env., 150 m, N18°16.1', E103°10.9', 27.IV.-1.V.1997, leg. E. Jendek & O. Sausa (CFH); 11 exs.: Laos-NE, Hua Phan Prov., 25 km SE Vieng Xai, Ban Kangpabong env., N20°19', E104°25', 14.-18.5.2001, leg. J. Bezdek (CFH); 3 exs.: Thailand, Mae Hong Son Prov., N19°27', E18°20', 25.5.-2.6.1999, leg. Hauck (CFH); 4 exs.: Vietnam: 180 km SSW Hanoi, 40 km SW Than Hoa Ben En Nat. Park, 5.-8.VIII.1997, leg. A. Napolov (NME).- New for Laos, Thailand and Vietnam.

Cercyon (Cercyon) setifer Wu & Pu, 1995: 2 exs.: Myanmar. Burma, Kinda-Stausee, Einzugsgeb. d. Palaung-Flusses, Lichtfang, 23.-25.11.1989, Tobias (CHD).- New for Myanmar.

Cercyon (s.str.) signifer HEBAUER, 2002: 8: 1 ex.: China-Sichuan: Huanglong, 3200-3300 m, 27.6.1996, leg. D. Erber (CFH); 3 exs.: China-Sichuan: Pass between Zhangla and Huanglong, 4000 m, 27.6.1996, leg. Erber (CFH, CHH); 1 ex.: Tibet, 14.VII.1997, road Soila - Gytang pass ca. 4500 m, 30°40'N, 97°14'E, alpine meadow, leg. M. Tryzna et O. Safranek (CHH); 4 exs.: Tibet, Zhong La Shan pass, 5 km E of Markam, 3.-6.8.1998, alpine meadow, ca. 4100 m, leg. O. Safranek & M. Tryzna (CHH).- New for Sichuan and Tibet.

Cercyon (Cercyon) subsulcatus REY, 1885. 1 ex.: Germany. Bexali meni 3487, Berlin, g. Kraatz (ZIP); 1 ex.: Belarus, Vitebsk reg. Lepel distr., Berezinskiy reserve, Domzheritsy, at light, 10.07.1993, leg. S.K. Ryndevich (CSR); 4 exs.: Vitebsk reg., Miory distr., v. Zacherevye, 15.07.1993, leg. M. Maksimenkov (CSR); 4 exs.: the Ukraine, Chernigov reg. Nezhin, near Ped. Institute, at light, 9.09.1994, leg. P.N. Shehurak (CSR, NPI); 1 ex.: Russia, Volgograd reg., Ust-Busuluk, 22.06.1998, leg. Danilevskiy (CSR).- New for Germany, Belarus, the Ukraine and Russia (European part).

Cercyon (s.str.) terminatus (MARSHAM, 1802): 1 ex.: The Ukraine. The Crimea, near Gurzuf, mount. Ay-Ilya-Syrm, horse dung, 11.07.2000, leg. S.K. Ryndevich (CSR).- New for the Ukraine and the Crimea.

Cercyon (s.str.) unipunctatus (LINNAEUS, 1758): 1 ex.: Kazakhstan. Vost. Kazakhstan, Markakolskiy r-n., s.Urunkhayka, korov. n-z, 2.07.1996, leg. V. Zinchenko (in Russian) (ZMN).- New for Kazakhstan.

Cercyon (Dicyrtocercyon) ustulatus (PREYSSLER, 1790): 1 ex.: The Ukraine, Nezhin, pond, Grapskiy park, 27.VI.1997, leg. P. Shesurak (NPI).- 1 ex.: The Crimea, Simferopol', near river Salgir, under stone, 16.4.1996, leg. A. Benkovskiy (CAB).- New for the Ukraine and the Crimea.

Cercyon (Clinocercyon) conjiciens (WALKER, 1858): 1 ex.: W.Malaysia Parak, E Taiping, 1200 m, Maxwell Hill, litter, 9.02.1999, leg. S. Kurbatov (CSR).- New for Malaysia.

Cercyon (Clinocercyon) lazarensis D'ORCHYMONT, 1925: 1 ex.: Malaysia: Sabah, Gunung Emas, 27.-31.V.2001, Jiri Stolarczyk lgt. (CFH).- New for Malaysia.

Cercyon (Clinocercyon) lineolatus (MOTSCHULSKY, 1863): 9 exs.: Laos centr., Prov. Bolikhamsai, Ban Nape, Kaew Nua-P., 18.4.-1.5.1998, leg. E. Jendek & O. Sausa (CFH); 1 ex.: Laos centr., Khammouan prov. Nakai env., route No. 8, N17°42.8', E105°08.9', 560 m + 20 m, 5.8.1998, leg. E. Jendek & O. Sausa (CFH); 1 ex.: Laos centr., 70 km NE Vientiane, Ban Phabat env., N18°16.1', E103°10.9', 150 m, 27.4.-1.5.1997, leg. E. Jendek & O. Sausa (CFH); 8 exs.: Laos centr., Prov. Bolikhamsai, Ban Nape, Kaew Nua-P., 18.4.-1.5.1998, leg. E. Jendek & O. Sausa (CFH); 1 ex.: Laos centr., 70 km NE Vientiane, Ban Phabat env., 160 m, N18°16.1', E103°10.8', 27.IV.-1.V.1997, leg. E. Jendek & O. Sausa (CFH); 1 ex.: Laos centr., Khammouan Prov., Nakai env., N17°42.8', E105°08.0', 560+20m, route 8, 4.-8.5.1998, leg. E. Jendek & O. Sausa (CFH); 1 ex.: Thailand: 25 km NW Lan Sak, 110 m, X.1989, leg. W. Thielen (CFH).- New for Laos and Thailand.

Cercyon (Acycreon) punctiger KNISCH, 1921: 1 ex.: Thailand: Changwat Chiang Mai, Chiang Mai, 250 m, 21.-24.12.1988, leg. Trautmann & Geigenmüller (CFH); 2 exs.: N-Thailand, Lom Sak, 40 km N Phetchabun, ca. 120 m, VIII.1987, leg. W. Thielen (CFH); 2 exs.: N-Thailand, Lom Sak, 100 m, VIII.1989, leg. W. Thielen (CFH); 3 exs.: Thailand 25 km NW Lam Sak, 100 m, X.1989, leg. W. Thielen (CFH).- New for Thailand.

Genus *Megasternum*

Megasternum concinnum (MARSHAM, 1802): 2 exs.: The Ukraine, the Crimea, near Gurzuf, horse dung, 5.07.2000, leg. S.K. Ryndevich (CSR); 1 ex.: The Ukraine, Lvov reg., Morshinskiy res. 21.05.1995, leg. I. Solodovnikov (CIS); 1 ex.: Georgia, upper river Tekhuri, ur. Khar, fores litter, 1800 m, 29.07.1990, leg. Solodovnikov (CIS); 15 exs.: Russia, Western Siberia, Kemerovo reg., Novokuznetsk distr., "Lipovyy Ostrov", 24.07.1994, leg. A.B. Ryvkin (CSR); 4 exs.: Western Siberia Kemerovo reg., Tisul' distr., reserve "Kuznetskiy Alatau", 4.07.1994, leg. A.B. Ryvkin (CSR); 9 exs.: same data, 17.07.1994; 4 exs.: same data; 3 exs.: same data, 19.07.1994; 1 ex.: same data, 20.07.1994; 3 exs.: 24.07.1994; 1 ex.: Russia, Eastern Siberia, Krasnoyarskiy Kray, reserve "Stolby" 13.08.1994, leg. A.B. Ryvkin (CSR); 1 ex.: Eastern Siberia, Evenkiya, near river Kochumdek, 23.07.1990, leg. A.B. Ryvkin (CSR); 1 ex.: Eastern Siberia, Evenkiya, near river Vel'mo, bog, 9-08.1990, leg. A.B. Ryvkin (CSR); 1 ex.: China, Anhui, Mt. Jiuha, 1000 m, litter, 17.05.1998, leg. S. Kurbatov (CSR).- New for China, Georgia, the Ukraine, the Crimea and Siberia.

Genus *Paroosternum*

Paroosternum saundersi (D'ORCHYMONT, 1925): 1 ex.: Myanmar: Burma central, Mandalay, 20.9.1984, leg. D. Grohmann (CFH).- New for Myanmar.

Genus *Pachysternum*

Pachysternum capense (MULSANT, 1844): 1 ex.: Italia: Abruzzi 5168, Maiella, La Majoletta Colle Tondo, 1500 m, 15.Vi.2001, leg. T. Wiese, Ing. A. Trapp (CFH); 14 exs.: Italy, Toscana (MS), Montignoso, Lago di Porta, Casina Mattioli, 17.XI.2002 (in horse dung), leg. A. Bramanti (coll. A. Bordon, A. Bramanti, F. Hebauer, S. Rocchi); Greece (t. M. Fikáček).- New for the Palearctic region, for Greece and Italy.

Pachysternum haemorrhoum MOTSCHULSKY, 1866. 5 exs.: Russia, Western Siberia, Kemerovo reg. Novokuznetsk distr., "Lipovyy Ostrov", 24.07.1994, leg. A.B. Ryvkin (CSR); 2 exs.: Kazakhstan, Dzhungarskiy Alatau, area of r. Musdybulak, 24.8.1994, leg. A. Frolov (ZIP, CSR).- New for Kazakhstan and western Siberia.

Pachysternum nigrovittatum MOTSCHULSKY, 1863: 1 ex.: Laos north, Louang Namtha env., N21°00.3', E 101°24.6', 31.V.1997, leg. E. Jendek & O. Sausa (CFH); 1 ex.: Thailand: Changwat Chiang Mai, Chiang Mai, 250 m, 14.-15.1.1989, leg. Trautmann & Geigenmüller (CFH); 1 ex.: Laos centr. Prov. Bolikhamsai, Ban Nape, Kaew Nua-P, 18.4.-1.5.1998, leg. E. Jendek & O. Sausa (CFH).- New for Laos and Thailand..

Pachysternum stevensi D'ORCHYMONT, 1926: 1 ex.: N-Thailand: Lom Sak, 40 km N Phetchabun, ca. 120 m, III. 1997, leg. W. Thielen (CFH).- New for Thailand.

Genus *Cryptopleurum*

Cryptopleurum crenatum (KUGELANN, 1794): 1 ex.: The Ukraine, the Crimea, near Gurzuf, mount. Ay-Ilya-Syrym, horse dung, 11.07.2000, leg. S.K. Ryndevich (CSR).- New for the Ukraine and the Crimea

Genus *Sphaeridium*

Sphaeridium quinque maculatum FABRICIUS, 1798: 2 exs.: Thailand: Changwat Chiang Mai, Chiang Mai, 250 m, 14.-15.1.1989, leg. Trautmann & Geigenmüller (CFH); 1 ex.: Laos C. Khammouan prov. Nakai env., N17°43' E105°09', alt. 500 - 600 m, 22.5.-8.6.2001, leg. E. Jendek & O. Sausa (CFH).- New for Laos and Thailand.

Sphaeridium substriatum FALDERMANN, 1838: 1 ex.: Turkmenistan: Turkmenia, 8 km N of Kushka vill., Morgunovka, leg., D. Logunov (ZMN); 1 ex.: /Russia, Eastern Siberia/ S. Tuva, 3-5 km V Erzín, 23.V.1990, leg. V.V. Dubatolov (ZMN).- New for Turkmenistan and Eastern Siberia.

Sphaeridium lunatum FABRICIUS, 1792: 1 ex.: Russia, Eastern Siberia, SW Altay, 10 km SW Medvedki, near river Shurshutsu, 1100 m, leg. R. Dudko, V. Zinchenko (ZMN).- New for Western Siberia.

Sphaeridium sigillum D'ORCHYMONT, 1943: 1 ex.: Kenya, Tsavo, Brit. East Africa, Svatosh, 30.XII.1911 (ZIP).- New for Kenya.

Sphaeridium vitalisi D'ORCHYMONT, 1925: 1 ex.: N-Vietnam, Tam Dao, N21°27'18", E105°38'59", 900 - 1100 m, 2.-5.6.1999, leg. Ahrens, Jäger, Fabrici (CFH).- New for Vietnam.

Acknowledgements:

We are very grateful to Dr. G.S. Medvedev and Dr. A.V. Frolov (St.-Petersburg, Russia), S.V. Saluk (Minsk, Belarus), A.O. Lukashuk (Dornzheritz, Belarus), Dr. M.L. Danilevskiy, Dr. N.B. Nikitskiy, Dr. S. Kurbatov, and Dr. A. Benkovskiy (Moscow, Russia), Dr. A. Legalov (Novosibirsk, Russia), Dr. I.A. Solodovnikov (Vitebsk, Belarus), Dr. P.N. Sheshurak (Nezhin, the Ukraine), and Dr. W. Schawaller (Stuttgart, Germany), Dr. O. Jaeger (Dresden, Germany), Dr. M. Hartmann (Erfurt, Germany) for lent of material.

REFERENCES

- HANSEN, M. 1999: Hydrophiloidea (s.str.) (Coleoptera), in World Catalogue of Insects, Volume 2.- Apollo Books, Stenstrup 416 pp.
- HEBAUER, F. 2001: Beitrag zur Kenntnis der Hydrophilidae von Neuguinea.- Ergebnisse der zoologischen Forschungsreisen von M. Balke und L. Hendrich nach West Neuguinea (Irian Jaya) in den Jahren 1990 - 1998 (Results of the German Hydroentomological Mission No. 4 [in part]). (Coleoptera: Hydrophilidae).- Acta coleopterologica, 17(1): 3-72.
- HEBAUER, F. 2002: Hydrophilidae of Northern India and Southern Himalaya (Coleoptera: Hydrophilidae).- Acta coleopterologica, 18(1): 3-72.
- D'ORCHYMONT, A. 1928: Catalogue of Indian Insects, Part 14 - Palpicornia. Calcutta: Government of India Central Publication Branch, 146 pp.
- RYNDEVICH, S.K., 2004: New data on the distribution of American Hydrophilidae (Coleoptera).- Latissimus, Newsletter of the Balfour-Browne Club, 18: 11.

AUTHORS' ADDRESSES:

Dr. habil. Franz Hebauer
Johann-Krümpel-Strasse 1
D-94447 Plattling
Germany

Dr. Sergey K. Ryndevich
Baranovitchy State
Higher Pedagogical College
Komsomolskaya st., 84
Baranovitchy, Brest reg.
225320, Belarus

ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Acta Coleopterologica](#)

Jahr/Year: 2005

Band/Volume: [21_1](#)

Autor(en)/Author(s): Hebauer Franz, Ryndevich Sergey K.

Artikel/Article: [New Data on the Distribution of Old World Hydrophilidae \(Coleoptera\) 43-51](#)