

Non-insect arthropod types in the ZFMK collection, Bonn (Acari, Araneae, Scorpiones, Pantopoda, Amphipoda)

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Abstract. The type specimens of Acari, Araneae, Scorpiones, Pantopoda, and Amphipoda housed in the Alexander Koenig Zoological Research Museum, Bonn, are listed. 179 names are recorded; of these, 64 (36%) are represented by name bearing (i.e., primary) types. Specific and subspecific names are listed alphabetically, followed by the original genus name, bibliographic citation, present combination (as far as known to the authors), and emended label data.

Key Words. type specimens, Acari, Araneae, Scorpiones, Pantopoda, Amphipoda, Bonn

INTRODUCTION

The ZFMK in Bonn has a relatively small collection of non-insect arthropods, with an emphasis on arachnids (mostly mites, spiders, and scorpions), sea spiders (Pantopoda) and amphipods. Other arachnid and crustacean orders are represented, but not by type material. A small part of the material goes back to the founder of the museum, Alexander Koenig, and was collected around 1910. Most Acari were deposited at the museum by F. S. Lukoschus (mostly Astigmata: Glyciphagidae, Atopomelidae, etc.), Pantopoda by F. Krapp (Mediterranean, Weddell Seas), and Amphipoda by G. Krapp-Schickel (Mediterranean). The spider collection was traditionally focused on the Rhineland fauna, but has recently received the E. Kullmann collection (Mediterranean, Afghanistan, Africa), a large collection of ground spiders from Africa (mostly Ivory Coast, Cameroon, Burkina Faso) previously deposited at Trier University, and considerable amounts of new material collected in East Africa by the BIOTA projects and in various tropical countries (Latin America, Africa) by the first author.

Taxa are listed by species epitheta, followed by the original genus name, both in original spelling. This is followed by the species name's author(s), the type status and identity (sex, developmental stage), and the collection data. Original label information was basically copied, except that country names were added or changed according to current usage, and minor emendations were made for homogeneity of style.

Updated versions of this catalogue will be available online at http://www.uni-bonn.de/~bhuber1/PDFs/ZFMK_types.pdf

Abbreviations:

HT: holotype, **PT:** paratype, **ST:** syntype, **LT:** lectotype, **PLT:** paralectotype

n, pn, dn, tn: (proto-, deuto-, trito-) nymph, **hy:** hypopus, **L:** larva

Acari

aequatorialis [*Orycteroxenus*] Lukoschus, Gerrits & Fain, 1977b. PT, 2 slides. CONGO: Mt de Brazza (near Brazzaville), host: *Crocidura aequatorialis*, 'Paris 1886-168'.

africanus schliemannii [*Neotetracopus*] Lukoschus & Gerrits, 1977. PT, 5 slides. MALAWI ("Nyasaland"): Blantyre, host: *Crocidura* sp., 25.ix.1908 (K. Fricke), 'Hamburg T 135'.

alatus [*Murichirus (Murichirus)*] Fain & Lukoschus, 1981d. 1♂1♀ PT, 2 slides. AUSTRALIA: Wanjarri Reserv., host: *Notomys alexis alatus*, 8.i.1975 (P. Lombert), 'WAM M12 964'.

allactaga [*Cheyletus*] Fain & Lukoschus, 1981a. 1♀ PT. MONGOLIA: Chovd-gol, host: *Allactaga sibirica*, 2.vi.1975 (M. Stubbe), '72'.

allactaga [*Criniscansor*] Fain & Lukoschus, 1979a. 2♀ PT, 2 slides. MONGOLIA: Chovd-gol, host: *Allactaga sibirica*, 11.vi.1975 (M. Stubbe), '167'.

amazonicus musculus [*Prolistrophorus*] Fain, 1973. 2♀ PT. SURINAME: Lelydorp, host: *Mus musculus brevirostris*, 27.ii.1970 (F. S. Lukoschus), '195'.

angiodes [*Laelaps*] Domrow, 1980. 1♀ PT. AUSTRALIA: Port Warrender, host: *Zyzomys woodwardi*, 30.x.1976, Kimberley Exp., '3142'.

apicola [*Cheletophyes*] Fain, Lukoschus & Nadchatram, 1980. 1♂1♀ PT, 2 slides. MALAYSIA: Kuala Pilah, host: *Xylocopa (Platynopoda) latipes*, 9.v.1979 (F. S. Lukoschus) & 30.vi.1980 (Ismail).

- apodemi** [*Crinicansor*, sic!] Fain, Munting & Lukoschus, 1969. 3tn PT. THE NETHERLANDS: Hatert, host: *Apodemus sylvaticus*, 12.ix.1967 (F. S. Lukoschus).
- apodemi** [*Trichoecius*] Fain, Munting & Lukoschus, 1969. 4♀ PT, 4 slides. THE NETHERLANDS: Hatert, host: *Apodemus sylvaticus*, 14.xi.1966 (F. S. Lukoschus).
- asiaticus** [*Alabidopus*] Lukoschus, Scheperboer, Fain & Nadchatram, 1981. PT: 2♂pn, 1♀, 1tn, 1hy, 4 slides. MALAYSIA: Subang Forest, Selangor, host: *Rattus whiteheadi*, 8. & 10.v.1979 (M. Nadchatram, 'IMR 92 & 110').
- australiana** [*Petaurobia*] Fain & Lukoschus, 1981c. 3♂4♀ PT, 7 slides. AUSTRALIA, host: *Petaurus breviceps*, 29.xi.1913 (Vosseler), 'Hamburg T 663'.
- australiensis** [*Labidocarpus*] Fain & Lukoschus, 1981b. 4♀ PT, 4 slides. AUSTRALIA: Geikie Gorge, host: *Hipposideros ater*, 3.-7.x.1976, Kimberley Exp., '2892 & 2959'.
- betulinus** [*Gliricoptes*] Kok, Lukoschus & Fain, 1971. PT: n, pn, tn, 3 slides. POLAND: Bialowieza, host: *Sicista betulina*, 10. & 15.ix.1949 (Pucek), '10648 & 10730'.
- brevicepsicola** [*Campylochirus*] Fain & Lukoschus, 1981c. 2♂2♀ PT, 4 slides. AUSTRALIA, host: *Petaurus breviceps*, 29.xi.1913 (Vosseler), 'Hamburg T 663' (1 slide) & AUSTRALIA: New South Wales, Wandandian, host: *Petaurus breviceps*, 17.vi.1919 (C. M. Hoy), 'Smiths. 221 327' (3 slides).
- canadensis** [*Lutriliichus*] Fain, Lukoschus, Kok & Clulow, 1974. 1♂1♀ PT. CANADA: Hart Township, host: *Mustela erminea*, 9.ix.1970 (Clulow).
- canadensis** [*Orycteroxenus*] Fain, Kok, Lukoschus & Clulow, 1971. 1 PT. CANADA: Hart Township, host: *Mustela erminea*, 9.ix.1970 (Kok).
- carinensis** [*Neotetracopus*] Lukoschus & Gerrits, 1977. PT, 2 slides. Myanmar: Mt. Karin, host: *Talpa leucura*, 1885-89, 'Fea 151, Hamburg 4143'.
- carollia** [*Speleochir*] Fain & Lukoschus, 1971. PT: 1♀ 1?, 2 slides. SURINAME: Lelydorp, host: *Carollia perspicillata*, 15. & 16.xii.1969 (F. S. Lukoschus).
- chalinolobi** [*Alabidocarpus*] Fain & Lukoschus, 1981b. PT: 1♂3♀, 1♀L, 3 slides. AUSTRALIA: Beagle Bay & Beverley Springs, host: *Chalinolobus gouldii*, 23. & 25.viii.1976 & 19.ix.1976, Kimberley Exp., '2610, 2616, 2743'.
- chaparensis** [*Hannemania*] Wohltmann, Köhler & Martin, 2006. PT, 1 slide. BOLIVIA: Carrasco Prov., Dept. Cochabamba, Sehuencas, host: *E. platydactylus* (ZFMK 66980), xii.1994 (J. Köhler).
- clavipilis** [*Cheletophyes*] Fain, Lukoschus & Nadchatram, 1980. 1♀ PT. MALAYSIA: Kuala Pilah, host: *Xylocopa (Platynopoda) latipes*, 30.vi.1980 (Ismail).
- cruzi** [*Domingoecius*] Fain & Lukoschus, 1979 in Fain 1979. 1♀ PT. DOMINICAN REPUBLIC: Guarabo, Santo Domingo, host: *Plagiodontia aedium*, W.L. Abbott, 'Smiths. 239 894'.
- curtus** [*Listrophoroides (Bilistrophoroides)*] Fain & Lukoschus, 1976 in Fain 1976a. 1 PT. MADAGASCAR: "Antsampanduani" (Antsampandrano?), host: *Limnogale mergulus*, xii.1963 (P. Malzy), 'MNHN Paris'.
- echinosorex** [*Neotetracopus*] Lukoschus & Gerrits, 1977. PT, 1 slide. INDONESIA: Sumatra: Indragiri, host: *Echinosorex gymmurus*, 11.xi.1916 (Fritsche), 'SMF 32469'.
- elegans** [*Laelaps*] Domrow, 1980. 2♀ PT, 1 "morphotype", 3 slides. AUSTRALIA: Mitchell Plateau, host: *Pseudomys nanus*, 21.x.1976, Kimberley Exp., '3084, 3051, 3054'.
- eliomys** [*Gliricoptes*] Kok, Lukoschus & Fain, 1971. 1tn PT. TUNISIA: Gafsa/Tunis, host: *Eliomys quercinus*, 1914, 'Museum Wien'.
- galemys** [*Orycteroxenus*] Lukoschus, Woeltjes, Juckwer & Fain, 1979. PT: 1pn, 1dn, 1L, 3 slides. SPAIN: Villoslada, host: *Galemys pyrenaicus*, 8.vii.1971 (Juckwer).
- granulipes** [*Dasyurochirus*] Fain & Lukoschus, 1981c. 1♂1♀ PT, 1 slide. AUSTRALIA: Lake Grace, host: *Sminthopsis granulipes*, 10.iii.1973 (K. Youngson), 'Perth M 10 205'.
- heteromys** [*Metalabidophorus*] Lukoschus, Janssen-Duijghuijsen & Fain, 1977. PT, 4 slides. COLOMBIA: Colon, Agricola Caracolcito, host: *Heteromys* sp., Hershkovitz, 'Smiths. 282 097' (3 slides) & PANAMA: Pena, Panama Canal Z., host: *Heteromys desmarestianus*, 8.iii.1961 (Yunker), 'Smiths. 319 910' (1 slide).
- huttereri** [*Demodex*] Mertens, Lukoschus & Nutting, 1983. ♀HT, PT: 1♂ (allotype), 1 egg, 1pn, 1tn, 2L, 7 slides. GERMANY: Bonn, laboratory breed, host: *Apodemus agrarius*, 15.iv.1982, 'Ar 1-7/1983'.
- imerinensis** [*Listrophoroides (Madlistrophoroides)*] Fain & Lukoschus, 1976, in Fain 1976a. 2♂2♀ PT, 3 slides. MADAGASCAR: Imerina, host: *Microgale thomasi*, 1899 (Grandidier & Sikora).
- insignis** [*Schizocarpus*] Fain & Lukoschus, 1985. 2♂2♀ PT, 4 slides. GERMANY: Diebzig, host: *Castor fiber albicus*, 18.x.1976 (M. Stubbe) (3 slides) & MONGOLIA: Bulgan-gol, host: *Castor fiber birulai*, 14.v.1975 (M. Stubbe) (1 slide).
- insularis** [*Asiolabidophorus*] Lukoschus, Gerrits & Fain, 1977a. PT: 2hy, 1?, 3 slides. TAIWAN: Chuei-feng, host: *Talpa* sp., R.E. Kuntz, 'Smiths. 333 225'.
- leucurae** [*Asiolabidophorus*] Lukoschus, Gerrits & Fain, 1977a. PT, 12 slides. MYANMAR: Mt. Karin, host: *Talpa leucura*, 1885-89, 'Fea 151, Hamburg 4143'.

- limnogale** [*Dermacarus*] Fain & Lukoschus, 1976. Current name: *Limnogalobia l.* PT, 4 slides. MADAGASCAR: Antsirabé, host: *Limnogale mergulus*, 1902 (Calvas).
- liomys** [*Metalabidophorus*] Lukoschus, Janssen-Duijghuijsen & Fain, 1977. PT, 2 slides. USA: Texas, Brownsville, host: *Liomys innotatus*, vii.1891 (W. Lloyd), 'Smiths. 29 861'.
- lobatitarsis** [*Murichirus*], Fain & Lukoschus, 1981d. 1♂1♀ PT, 2 slides. AUSTRALIA: Queensland, Atherton Table, host: *Melomys cervinipes*, viii.1921, Smiths. (♂) & AUSTRALIA: Port Warrender, host: *Melomys* sp., 30.x.1976, Kimberley Exp., '3140' (♀).
- lukoschusi** [*Echinonyssus*] Tenorio & Radovsky, 1979. 1♀ PT. THE NETHERLANDS: Nijmegen, host: *Talpa europaea*, 6.iv.1972 (F. S. Lukoschus).
- lukoschusi** [*Eutarsopolipus*] Husband, 1986. PT: 1♂2♀, 1♀L, 4 slides. SOUTH AFRICA: Port Nolloth, host: *Thermophilum decemguttatum* (Carabidae), 14.x.1980 (F. S. Lukoschus), 'FL 80 1410'.
- lukoschusi** [*Listrophoroides (Madlistrophoroides)*] Fain, 1976a. 1♂1♀ PT, 2 slides. MADAGASCAR: Vinanitelo, host: *Microgale crassipes* & *M. cowani*, ix.1898 & v.1896 (Grandidier), 'MNHN Paris 1912-70 & 1897-524b'.
- malayi** [*Olabidocarpus*] Fain, 1970b. 1♀ PT. AUSTRALIA: Geikie Gorge, host: *Eptesicus douglasi*, 30.ix.1976, Kimberley Exp., '2846'.
- malaysiensis** [*Alabidopus*] Lukoschus, Schepherboer, Fain & Nadchatram, 1981. PT, 1 slide. MALAYSIA: Bukit Lanjan, Selangor, host: *Rattus rajah*, 26.iv.1979, 'Med. Ecol. 110551'.
- marmosae** [*Marsupialichus*] de Cock, Fain, Mendez & Lukoschus, 1975. PT, 1 slide. PANAMA: Rodman, host: *Marmosa robinsoni isthmica*, 21.ix.1972 (Guerrero).
- mastacomys** [*Murichirus*] Fain & Lukoschus, 1981d. 1♂1♀ PT. AUSTRALIA: White's River, host: *Mastacomys fuscus*, 11.ii.1958 (D. Wimbosh), 'WAM M 5285'.
- merriami** [*Orycteroxenus*] Lukoschus, Kniest & Krantz, 1979. PT, 4 slides. USA: Oregon, Steens Mts., Harney Co., host: *Sorex merriami*, 30.vii.1978 (A. Flecker) '62 & 65'.
- mexicanus** [*Orycteroxenus*] Lukoschus, Gerrits & Fain, 1977b. 1PT. MEXICO, host: *Blarina mexicana*, M. Diguët, 'Paris 1911-763'.
- microcebus** [*Alabidopus*] Fain & Lukoschus, 1978b. PT, 6 slides. MADAGASCAR, host: *Microcebus pusillus*, 1870 (Grandidier), 'MNHN Paris'.
- microgale** [*Dermacarus*] Fain, 1970a. Current name: *Listrophoroides m.* PT, 4 slides. MADAGASCAR: Vinametelo (1897-226), Jurerinia (1899), Ikongo (Grandidier, 'Paris MNHN 1912-67') & Forêt d'Ikongo, 26.v.1901 ('Paris MNHN 1912-68').
- micromys** [*Trichoecius*] Fain, Munting & Lukoschus, 1969. 1PT. THE NETHERLANDS: Hatert, host: *Micromys minutus*, 27.x.1966 (F. S. Lukoschus).
- microticolus** [*Quasilistrophorus*] Fain, Whitaker & Lukoschus, 1978. PT: 3♂3♀, 3n, 1L, 4 slides. USA: California, Carlotta, host: *Phenacomys longicauda*, 18.ii.1915 (A.H. Howell), 'Smiths. 206 386'.
- minor** [*Asiolabidophorus*] Lukoschus, Gerrits & Fain, 1977a. PT, 2 slides. JAPAN: Sutsuma, host: *Mogera wogura*, Taber, 'Hamburg 152/4144'.
- molossus** [*Neospeleognathopsis (Speleomyotis)*] Fain & Lukoschus, 1971. PT: 1♀, 1L, 2 slides. SURINAM: Paramaribo, host: *Molossus molossus*, 30.xii.1969 & 11.ii.1970, (F. S. Lukoschus), '44 & 427'.
- mongolicus** [*Dermacarus*] Fain & Lukoschus, 1979a. PT, 6 slides. MONGOLIA: Chovd-gol, host: *Dipus sagitta*, 10.vi.1975 (M. Stubbe) (2 slides) & MONGOLIA: Chovd-gol, host: *Allactaga sibirica*, 2. & 11.vi.1975 (M. Stubbe), '72 & 167' (4 slides).
- muris** [*Alabidopus*] Lukoschus, Janssen-Duijghuijsen & Fain, 1979. PT: 2tn, 3hy, 6 slides. AUSTRALIA: Mount Hart, host: *Rattus tunneyi*, 10.ix.1976, Kimberley Exp. (2 slides) & AUSTRALIA: Port Warrender, hosts: *Pseudomys nanus* & *Rattus tunneyi*, 21., 28.-30.x.1976, Kimberley Exp. (4 slides: '3051, 3102, 3112, 3137').
- muris** [*Trichoecius*] Fain, Munting & Lukoschus, 1969. PT, 2 slides. THE NETHERLANDS: Nijmegen, host: *Rattus norvegicus*, 22.i.1968 (F. S. Lukoschus).
- muscardinus** [*Gliricoptes*] Kok, Lukoschus & Fain, 1971. PT: 1♀, 1pn. GERMANY: München, host: *Muscardinus avellanarius*, 18.v.1969 & 8.vii.1969 (F. S. Lukoschus & Henze).
- namibius** [*Regenpolipus*] Husband, 1986. 1♀ PT. SOUTH AFRICA: Grootvlei, host: *Thermophilum decemguttatum*, 1.x.1980 (F. S. Lukoschus), 'FL 80/10 174'.
- neacomys** [*Oryzomysia*] Fain & Lukoschus, 1976, in Fain 1976b. 1♂2♀ PT, 2 slides. COLOMBIA: Antioquia, host: *Neacomys tenuipes*, 8.iv.1972 (N. E. Peterson), 'Smiths. 499 958'.
- neotropicalis** [*Mediolabidophorus*] Fain & Lukoschus, 1978b. PT, 4 slides. PANAMA: Pena, host: *Heteromys desmerestianus*, 8.iii.1961 (Yunker), 'Smiths. 319 910'.
- nepalensis** [*Soriculopus*] Fain & Lukoschus, 1980. PT: 2 hy, 2 slides. NEPAL: Dhorphatan, host: *Soriculus caudatus*, 9.xii.1975 (Weisser).
- nitedulus** [*Gliricoptes*] Kok, Lukoschus & Fain 1971. PT: 2♂1♀, 1tn, 4 slides. POLAND: Bialowieza, host: *Dryomys nitedula*, 2.ix.1958 (Pucek), '20316'.
- notiosorex** [*Orycteroxenus*] Lukoschus, Gerrits & Fain, 1977b. PT, 2 slides. MEXICO: Pruria, host: *Notiosorex crawfordi*, 9.viii.1937 (Wagner), 'SMF 12 167'.
- parameces** [*Laelaps*] Domrow, 1980. 2♀ PT, 2 slides. AUSTRALIA: Port Warrender, host: *Conilurus penicillatus*, 29.x.1976, Kimberley Exp., '3110, 3115'.
- peruviana costaricensis** [*Oryzomysia*] Fain, 1979. 3♂4♀ PT, 3 slides. COSTA RICA: Palmar Sur, host: *Nectomys* sp., 8.v.1967.

- petauri** [*Ornithonyssus*] Micherdzinski, 1980. PT: 2♂3♀, 3n, 8 slides. AUSTRALIA, host: *Petaurus breviceps*, 29.xi.1913 (Vosseler), 'Hamburg T 663'.
- pteropus** [*Neospeleognathopsis*] Fain & Lukoschus, 1979b. 1♀ PT. AUSTRALIA: Western Australia: Brooking Springs, host: *Pteropus scapulatus*, 7.x.1976, Kimberley-Exped., '2952'.
- pygidialis camerounensis** [*Orycteroxenus*] Fain & Lukoschus, 1974. IPT. CAMEROON: Pt. Elisabeth, host: *Crocidura* sp., 15.xii.1898 (H. Brauns), 'Hamburg T142'.
- quasimelomys** [*Murichirus*] Fain & Lukoschus, 1981d. 1♀ PT. AUSTRALIA: Port Warrender, host: *Melomys* sp., 30.x.1976, Kimberley Exp., '3140'.
- quasinudus** [*Scolonoticus*] Fain & Lukoschus, 1981c. 2♂2♀ PT, 4 slides. AUSTRALIA, host: *Petaurus breviceps*, 29.xi.1913 (Vosseler), 'Hamburg T 663'.
- rheinwaldi** [*Leptotrombidium (Ericotrombidium)*] Kolebinova, 1979. HT, PT, 31 slides. MOROCCO: Qued Drea, host: *Meriones libycus*, 27.iii.1975 (G. Rheinwald), '273 1975/1', 'ZFMK 79/14' (HT) & Taroudant, 7.iii.1975; reservoir at Massa river, 21.iii.1975; Bou Izekane, 24.iii.1975, host: *Elephantulus rozeti* & *E. sp.* (G. Rheinwald), '73 1975/2, 5-7, 9-12, 14-19, 21-23, 25-38', 'ZFMK 79/15-45'.
- saccolpteryx** [*Hipposideroptes*] Fain & Lukoschus, 1971. 1♀ PT. SURINAME: Lelydorp, host: *Saccolpteryx bilineata*, 26.ii.1970 (F. S. Lukoschus), '488'.
- sculpturatus** [*Listrophoroides (Marquesania)*] Fain, Nadchatram & Lukoschus, 1981, in Fain 1981. 1♂ PT. MALAYSIA: Kuala Selangor Road 22 mls., host: *Rattus muelleri*, 28.v.1979, 'IMR 169'.
- sibirica** [*Sciuroopsis*] Fain & Lukoschus, 1979a. PT, 3 slides. MONGOLIA: Bulgan-gol & Chovd-gol, host: *Allactaga sibirica*, 28.v.1974, 2. & 11.vi.1975 (M. Stubbe), '72 & 167'.
- sminthopsis leucopus** [*Dasyurochirus*] Fain & Lukoschus, 1981c. 2♀ PT, 1 slide. AUSTRALIA: Western Fort, Victoria, host: *Sminthopsis leucopus*, 5.xii.1974 (P. Wooley).
- soricis nepalensis** [*Orycteroxenus*] Kniest, Lukoschus & Weisser, 1982. PT, 2 slides. NEPAL: Dhar Khola, Dhaulagiri, 3300 m a.s.l., host: *Soriculus caudatus*, 3.xii.1975 (Weisser), '693'.
- squamatus** [*Neodasyurochirus*] Fain, 1972. 1♀ PT?. AUSTRALIA: Peak Downs, host: *Phascogale* sp., 'Hamburg T 636'.
- stubbei** [*Afrolistrophorus*] Fain & Lukoschus, 1979a. 1♂1♀ PT, 2 slides. MONGOLIA: Chovd-gol & Bulban-gol, host: *Allactaga sibirica*, 2.vi.1974 & 21.v.1975 (M. Stubbe).
- sumatrensis** [*Afrolistrophorus*] Fain, 1980. PT, 4 slides. INDONESIA: Sumatra: Medan, host: *Rhizomys sumatrensis*, v.1971 (Kern) 'SMF 43 687'.
- taiwanensis** [*Lynxacarus (Dubininetta)*] Fain & Lukoschus, 1978a. PT: 1♂, 1♂n, 2n, 2L, 5 slides. TAIWAN; host: *Talpa insularis*, 6.v.1965 (Jameson), 'Smiths. 358 675'.
- talpae** [*Atopomelus*] Fain, Lukoschus & Cauwenberghe, 1973. PT: 1♂3♀, tn, eggs. ITALY: Pescasseroli, host: *Talpa romana*, 20. & 21.x.1972 (F. S. Lukoschus).
- tapoatafa** [*Dasyurochirus*] Fain & Lukoschus, 1981c. PT, 1♀n. AUSTRALIA: Mahogany Creek, host: *Phascogale tapoatafa*, 12.xii.1974 (A. Frater).
- tylomys** [*Metalabidophorus*] Lukoschus, Janssen-Duijghuijsen & Fain, 1977. PT, 4 slides. COLOMBIA: Antioquia, host: *Tylomys mirae*, 23.ii.1971 (Peterson), 'Smiths. 499 97'.
- uniformis** [*Listrophoroides (Madlistrophoroides)*] Fain & Lukoschus, 1976, in Fain 1976a. 1♂1♀ PT, 2 slides. MADAGASCAR: Ikongo (Grandidier) & Vinanitelo, ix.1898 (Grandidier), host: *Microgale longicauda* & *M. crassipes*, 'Paris 1912-67' & 'MNHN 1912-70'.
- zungicola** [*Hannemania*] Wohltmann, Köhler & Martin, 2006. PT, 1 slide. BOLIVIA: Carrasco Prov., Dept. Cochabamba, Sehuencas, host: *E. platydactylus* (ZFMK 67129), xii. 1994 (J. Köhler).
- zyzomys** [*Murichirus*] Fain & Lukoschus, 1981d. 1♂1♀ PT, 2 slides. AUSTRALIA: Port Warrender, host: *Zyzomys argurus*, 31.x.1976, Kimberley Exp., '3156'.

Acari, doubtful type status

The following material is marked as type material but the taxa could not be found in the Zoological Record and were probably never published (A. Fain, Bruxelles & A. Bochkov, Michigan, pers. comm. 2003).

- dipus** [*Sciuroopsis*] Fain, Kniest & Lukoschus. "PT", 4 slides. MONGOLIA: Chovd-gol, host: *Dipus sagitta*, 10.vi.1975 (M. Stubbe).
- ellobius** [*Sciuroopsis*] Fain & Lukoschus. "PT", 4 slides. MONGOLIA: Bulgan-gol & Chovd-gol, host: *Ellobius talpinus*, 9.v. & 12.vi.1975 (M. Stubbe).
- meriones** [*Sciuroopsis*] Fain & Lukoschus. "PT", 6 slides. MONGOLIA: Chovd-gol & Coccocharychne-gol, hosts: *Meriones meridionalis* & *M. unguiculatus*, 6.vi.1974, 9. & 11.vi.1975 (M. Stubbe).
- nannosciurus** [*Dermacarus*] Lukoschus, Rothuizen & Fain. "PT", 1 slide. PHILIPPINES: Mindanao, Mt. Katanglad, host: *Nannosciurus surrutilus*, x.1965 (Bregulla), 'SMF 29536'.
- nesoryctes** [*Dermacarus*] Lukoschus, Kroos & Fain. "PT", 1 slide. MADAGASCAR: Forêt d'Ikongo, host: *Nesoryctes tetradactylus*, 26.v.1901.
- oregonensis** [*Orycteroxenus*] Lombert, Lukoschus & Gettinger. "PT": 2♂2♀, 1hy, 1L, 1?, 7 slides. USA: Oregon, Corvallis, host: *Sorex vagrans*, 15.i.1974 & 12.vii.1981 (D. Gettinger) (2 slides) & USA: Oregon, Lincoln Co., host: *Sorex vagrans* nest, 18.vi.1981 (D. Gettinger) (5 slides).

Araneae

- ale** [*Tupigea*: Pholcidae] Huber & Rheims, 2010. 2♂1♀PT. BRAZIL: Rio de Janeiro, Reserva Ecológica Rio das Pedras (22°59.5'S, 44°06.0'-06.8'W), 50-200 m a.s.l., day collecting, 26.ix.2009 (B.A. Huber)
- angelim** [*Tupigea*: Pholcidae] Huber & Rheims, 2010. 2♂3♀PT. BRAZIL: São Paulo, Ubatuba, Fazenda Angelim (23°23.6'S, 45°03.8'W), ~50 m a.s.l., 16-18.xii.2003 (B.A. Huber)
- angulatus** [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. ♂HT. DOMINICAN REPUBLIC: San Cristóbal Prov., near La Toma (18°27.5'N, 70°07.2'W), degraded forest, 70 m a.s.l., near ground, 7.xi.2005 (B.A. Huber).
- attuleh** [*Pholcus*: Pholcidae] Huber, 2011. ♂HT. CAMEROON: Southwest Region, near Dschang, Attuleh "site 2" (5°27.9'N, 9°56.5'E), 1800 m a.s.l., underside of leaves, 20.iv.2009 (B.A. & J.C. Huber).
- aureotibialis** [*Ornithoctonus*: Theraphosidae] Wirth & Striffler, 2005. 1♀PT. THAILAND: Bangkok, no date (P. Schmidt), ZFMK Ar001. 1♂PT: Southern Thailand, xii.2000 (M. Bullmer), ZFMK Ar002.
- bachata** [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. ♂HT. DOMINICAN REPUBLIC: La Vega Prov., near La Ciénaga, (~19°03'N, 70°53'W), ~1100 m a.s.l., path along river, under dry rolled-up leaves on ground, 9.xi.2005 (B.A. Huber).
- baka** [*Pholcus*: Pholcidae] Huber, 2011. ♂HT. CAMEROON: South Region, between Kribi and Campo, "site 1" (2°42.2'N, 9°51.8'E), 10 m a.s.l., underside of leaves, 10.iv.2009 (B.A. Huber).
- bamboutos** [*Pholcus*: Pholcidae] Huber, 2011. ♂HT. CAMEROON: West Region, near Mbouda, Bamboutos (5°37.3'N, 10°06.7'E), 2100 m a.s.l., among rocks, 19.iv.2009 (B.A. Huber).
- baoruco** [*Leptopholcus*: Pholcidae] Huber, 2006 in Huber & Wunderlich 2006. ♂HT. DOMINICAN REPUBLIC: Barahona Prov., Sierra de Baoruco, near Polo, 17.xi.2005 (B.A. Huber).
- bayahibe** [*Tainonia*: Pholcidae] Huber & Astrin, 2009. ♂HT. DOMINICAN REPUBLIC: La Altagracia Prov., near Bayahibe (18°33.0'N, 68°49.9'W), 30 m a.s.l., arid forest along road, in small cavity, 23.xi.2005 (B.A. Huber), ZFMK Ar1488.
- berac** [*Modisimus*: Pholcidae] Huber, 2010 in Huber et al. 2010. ♂HT. HAITI: Dept. Sud-Est, broadleaf forest patch ('Berac', 18°19.7'N, 72°17.7'W), La Visite N. P., 1580 m a.s.l., domed sheet connected to underside of green fern leaves, 27.xi.2007 (B.A. Huber).
- bilene** [*Pehrforsskalia*: Pholcidae] Huber, 2011. ♂HT. MOZAMBIQUE: Bilene (25°15.6'S, 33°17.7'E), Praia do Bilene, 30 m a.s.l., leaf litter, coastal forest, 20.xii.2007 (C. Haddad, R. Lyle, R. Fourie).
- budongo** [*Leptopholcus*: Pholcidae] Huber, 2011. ♂HT. UGANDA: Masindi Distr., Budongo Forest near Sonso (1°45'N, 31°35'E), 1.-10.vii.1995 (T. Wagner).
- cienaga** [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. ♂HT. DOMINICAN REPUBLIC: La Vega Province, near La Ciénaga (19°03'N, 70°53'W, ~1000 m a.s.l.), forest along river, among dry leaves of dead epiphyte on ground, 9.xi.2005 (B.A. Huber).
- cienaga** [*Tainonia*: Pholcidae] Huber & Astrin, 2009. ♂HT. DOMINICAN REPUBLIC: La Vega Province, near La Ciénaga (19°03'N, 70°53'W, ~1100 m a.s.l.), at rocks, 9.xi.2005 (B.A. Huber), ZFMK Ar1473.
- crasto** [*Carapoia*: Pholcidae] Huber, 2005. 1♂2♀PT. BRAZIL: Sergipe, Santa Luzia do Itanh, 9.-13.ix.1999 (A. D. Brescovit et al.).
- cuadro** [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. ♂HT. DOMINICAN REPUBLIC: San Cristóbal Prov., near La Toma (18°27.5'N, 70°07.2'W), degraded forest at 70 m a.s.l., near ground, 7.xi.2005 (B.A. Huber).
- cuarassu** [*Mesabolivar*: Pholcidae] Huber, Brescovit & Rheims, 2005. 1♂1♀PT. BRAZIL: São Paulo, Itanhaém, Ilha da Queimada Grande, 28.iv.-1.v.2003 (equipe Biota).
- dade** [*Pholcus*: Pholcidae] Huber, 2011. ♂HT. USA: Georgia, Dade Co., Sitton's Cave (34°51'N, 85°28'W), 7.viii.1998 (W. Reeves).
- dieke** [*Spermophora*: Pholcidae] Huber, 2009. ♂HT. GUINEA: Guinée Forestière, Forêt Classée de Diéké (7°32.0'N, 8°49.9'W), 430 m a.s.l., 1.xii.2008 (B.A. Huber).
- donensis** [*Pholcus*: Pholcidae] Ponomarev, 2005. 3♂3♀PT. RUSSIA: Rostov Region, Ust-Donetsk Distr., Rasdorskaya Station [Razdorskaya: 47°32'N, 40°39'E], Semenikha Village, Beiratschnj forest, 14.vi.2001 (A. Ponomarev) (2♂2♀); Rasdorskaya Station, Majak Vill., grassland and steppe, hill, 3.v.2002 (A. Ponomarev) (1♂); Rasdorskaya Station, wet grassland near bank of Don river, 1.ix.2002 (A. Ponomarev) (1♀).
- doucki** [*Pholcus*: Pholcidae] Huber, 2011. ♂HT. GUINEA: Kindia Region, near Doucki, canyon (10°59.6'N, 12°35.3'W), 1020 m a.s.l., 24.xi.2008 (B.A. Huber).
- dschang** [*Leptopholcus*: Pholcidae] Huber, 2011. ♂HT. CAMEROON: Southwest Region, near Dschang, Attuleh "site 2" (5°27.9'N, 9°56.5'E), 1800 m a.s.l., underside of leaf, 20.iv.2009 (B.A. & J.C. Huber).
- elsaff** [*Nita*: Pholcidae] Huber & El Hennawy, 2007. ♂HT. EGYPT: Giza, El Saff, 1.iii.2003 (M. Mohafez), ZFMK Ar005.
- enriquillo** [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. ♂HT. DOMINICAN REPUBLIC: Barahona Prov., NW of Paraiso at ~18°02.4'N, 71°11.6'W, secondary forest at 180 m a.s.l., dome-shaped webs under dead palm fronds on ground, 7.xii.2007 (B.A. Huber).
- epepye** [*Modisimus*: Pholcidae] Huber, 2010 in Huber et al. 2010. ♂HT. HAITI: Dept. Sud-Est, near Seguin (18°18.2'N, 72°17.5'W, ~990 m a.s.l.), degraded forest with plantations; in deep, wet areas of piles of banana sheaths on ground, 28.xi.2007 (B.A. Huber).

- ethagala** [*Pholcus*: Pholcidae] Huber, 2011. ♂HT. SRI LANKA: North Western Prov. Kurunegala Distr., Kurunegala, Ethagala mountain [7°29.1'N, 80°22.2'E], ca. 300 m a.s.l., hand collecting, 1.-28.xi.2007 (Z. Jaleel).
- gordimerae** [*Spermophora*: Pholcidae] Huber, 2003. ♂HT. SOUTH AFRICA: Western Cape, Kirstenbosch Botanical Gardens, Cape Town (~34°00'S, 18°30'E), 12.viii.1978 (A. Russell-Smith).
- guapia** [*Tupigea*: Pholcidae] Huber & Rheims, 2010. 2♂2♀PT. BRAZIL: Rio de Janeiro, Cachoeiras de Macacu, Reserva Ecol. Guapiaçú (22°24.4'-25.3'S, 42°44.2'-44.3'W), 140-280 m a.s.l., 25.ix.2009 (B.A. Huber)
- jima** [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. ♂HT. DOMINICAN REPUBLIC: Monseñor Nouel Prov., near Jima (19°01.4'N, 70°28.8'W), degraded forest at brook through plantation, ~700 m a.s.l., near ground, 8.xi.2005 (B.A. Huber).
- kindia** [*Pholcus*: Pholcidae] Huber, 2011. ♂HT. GUINEA: Kindia Region, near Kindia (10°00.8'N, 12°48.6'W), along brook in plantation forest, 540 m a.s.l., 5.xii.2008 (B.A. Huber).
- kiskeya** [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. ♂HT. DOMINICAN REPUBLIC: La Vega Prov., near La Ciénaga (~19°03'N, 70°53'W), path along river, ~1100 m a.s.l., domed web in vegetation, 9.xi.2005 (B.A. Huber).
- kohi** [*Pholcus*: Pholcidae] Huber, 2011. ♂HT. INDONESIA: Sumatra, Riau Islands, Bantam Island, outside Turi Beach Resort [1°11.6'N, 104°06.1'E], in fern thicket, 19.vi.1990 (J.K.H. Koh, 90.06.19.0009).
- kribi** [*Pholcus*: Pholcidae] Huber, 2011. ♂HT. CAMEROON: South Region, forest between Kribi and Campo, "site 2" (2°40.4'N, 9°51.4'E), 15 m a.s.l., under dead leaves on ground, 10.iv.2009 (B.A. Huber).
- leprete** [*Modisimus*: Pholcidae] Huber, 2010 in Huber et al. 2010. ♂HT. HAITI: Dept. Sud, near Le Prete (18°15.9'N, 73°56.7'W), 170 m a.s.l., forest over coffee and banana, sheltered places near ground, 2.xii.2007 (B.A. Huber).
- longipes** [*Haplopelma*: Theraphosidae] Wirth & Striffler, 2005. 1♀PT: THAILAND, 3.iii.2001 (S. Capaninni), ZFMK Ar003. 1♂PT: THAILAND, 15.xii.2001 (T. Klein), ZFMK Ar004.
- macaya** [*Modisimus*: Pholcidae] Huber & Fischer in Huber et al. 2010. ♂HT. HAITI: Dept. Sud, Macaya Biosphere Reserve at 18°20.4'N, 74°00.9'W, broadleaf forest patch in ravine, 1290 m a.s.l., domed webs in escarpment of ravine, 29.xi.2007 (B.A. Huber).
- makandal** [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. ♂HT. DOMINICAN REPUBLIC: Santiago Rodríguez Prov., near Cana (19°29.8'N, 71°16.9'W), overhangs along river, 150 m a.s.l., 15.xi.2005 (B.A. Huber).
- mango** [*Modisimus*: Pholcidae] Huber, 2010 in Huber et al. 2010. ♂HT. HAITI: Dept. Sud, Le Prete (18°15.9'N, 73°56.7'W, ~170 m a.s.l.), in small web under dead mango leave on ground, near river, 2.xii.2007 (B.A. Huber).
- mariposas** [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. ♂HT. DOMINICAN REPUBLIC: Monseñor Nouel Prov., near Jima (19°01.4'N, 70°28.8'W), degraded forest at brook through plantation ~700 m a.s.l., near ground, 8.xi.2005 (B.A. Huber).
- miri** [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. ♂HT. DOMINICAN REPUBLIC: Duarte Prov., Reserva Científica Loma Quita Espuela, near summit (19°21.5'N, 70°09'W), 900 m a.s.l., underside of manacila (palm) leaves, 10.xi.2005 (B.A. Huber).
- molimo** [*Quamtana*: Pholcidae] Huber, 2003. ♂HT. LESOTHO: Molimo Nhtuse (~29°20'S, 27°40'E), in herbs and grass, 16.iv.1974 (A. Russell-Smith).
- nadong** [*Pholcus*: Pholcidae] Huber, 2011. ♂HT. SOUTH KOREA: Chungcheongbuk-do (Prov.), Danyang-gun (County), Cave Nadong (36°57.0'N, 128°23.7'E), 21.vii.2005 (B.W. Kim).
- nkoetye** [*Pholcus*: Pholcidae] Huber, 2011. ♂HT. CAMEROON: South Region, near Ebolowa, Nkoetye (2°51.4'N, 11°21.7'E), 700 m a.s.l., underside of leaf, 12.iv.2009 (B.A. & J.C. Huber).
- okgye** [*Pholcus*: Pholcidae] Huber, 2011. ♂HT. SOUTH KOREA: Gangwon-do (Prov.), Okgyemyeon (37°34.3'N, 128°56.8'E), entrance of Cave Okgye, 3.ix.2005 (B.W. Kim).
- palvet** [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. ♂HT. HAITI: Dept. Sud, Macaya Biosphere Reserve at 18°20.5'N, 74°01.0'W, ravine with some broadleaf trees in pine forest, 1350 m a.s.l., domed sheets connected to undersides of green leaves, 30.xi.2007 (B.A. Huber).
- paraiso** [*Modisimus*: Pholcidae] Huber, 2010 in Huber et al. 2010. ♂HT. DOMINICAN REPUBLIC: Barahona Prov., ~7 km NW Paraíso (18°02.4'N, 71°11.6'W, ~180 m a.s.l.), forest near river, in vegetation, about 0.5-2 m above ground, sheet webs connected to undersides of leaves, 7.xii.2007 (B.A. Huber).
- paranapiacaba** [*Metagonia*: Pholcidae] Huber, Rheims & Brescovit, 2005. 4♂4♀PT. BRAZIL: São Paulo, Paranapiacaba, Estação Biológica do Alto da Serra, 14.-15.xii.2003 (Huber, Schulz, Rheims, Indicatti).
- pelejil** [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. ♂HT. DOMINICAN REPUBLIC: San Juan Prov., E of San Juan de la Maguana (18°47.6'N, 71°12.2'W), degraded forest along river, 410 m a.s.l., 16.xi.2005 (B.A. Huber).
- penedo** [*Tupigea*: Pholcidae] Huber & Rheims, 2010. 1♂1♀PT. BRAZIL: Rio de Janeiro, ~4 km NW Penedo (22°24.5'S, 44°33.0'-33.4'W), forest along river, 700-770 m a.s.l., 14.-16.viii.2007 (B.A. Huber)

- petropolis** [*Metagonia*: Pholcidae] Huber, Rheims & Brescovit, 2005. 4♂3♀PT. BRAZIL: Rio de Janeiro, Petropolis, Fazenda Ranchinho da Roça, 8-15.ii.2000 (equipe BIOTA).
- roumaini** [*Modisimus*: Pholcidae] Huber, 2010 in Huber et al. 2010. ♂HT. HAITI: Dept. Sud-Est, between Léogâne and Jacmel at 18°21.4'N, 72°35.0'W, secondary forest over plantations, near ground, under leaves, 730 m a.s.l., 26.xi.2007 (B.A. Huber).
- russellsmithi** [*Ninetis*: Pholcidae] Huber, 2002. ♂HT. MALAWI: Central Malawi, 12 km S Monkey Bay (~14°03'S, 35°00'E), 19.xii.1977 (A. Russell-Smith).
- samana** [*Tainonia*: Pholcidae] Huber & Astrin, 2009. ♂HT. DOMINICAN REPUBLIC: Samaná Prov., S of Las Galeras (19°12.8'N, 69°13.1'W), 20 m a.s.l., 12.xi.2005 (B.A. Huber), ZFMK Ar1476.
- samatiaguassu** [*Mesabolivar*: Pholcidae] Huber, Brescovit & Rheims, 2005. 1♂1♀PT. BRAZIL: São Paulo, Peruíbe, Estação Ecológica Juréia Itatins, 26.iv.-3.v.1999 (Brescovit, Rheims, Pinto da Rocha, Candiani, Japyassú, Mestre).
- seguin** [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. ♂HT. HAITI: Dept. Sud-Est, near Seguin at 18°18.2'N, 72°17.5'W, 990 m a.s.l., leaf litter in forest over coffee and banana, 28.xi.2007 (B.A. Huber).
- simbok** [*Pholcus*: Pholcidae] Huber, 2011. ♂HT. SOUTH KOREA: Chungcheongbuk-do (Prov.), Goisan-gun, Cave Simbok (36°46.6'N, 127°57.8'E), 19.i.2006 (B.W. Kim).
- taita** [*Pholcus*: Pholcidae] Huber, 2011. ♂HT. KENYA: Coast Prov., Taita Hills, Ngangao Forest (3°22.2'S, 38°20.4'E), 1810 m a.s.l., 19.i.2010 (B.A. Huber).
- tiburón** [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. ♂HT. HAITI: Dept. Sud-Est, 'Case Dent' (18°20.2'N, 72°16.4'W), La Visite N. P., 1880 m a.s.l., ravine in pine forest, 27.xi.2007 (B.A. Huber).
- toma** [*Leptopholcus*: Pholcidae] Huber, 2006 in Huber & Wunderlich 2006. ♂HT. DOMINICAN REPUBLIC: San Cristóbal Prov., near Toma, 7.xi.2005 (B.A. Huber).
- toma** [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. ♂HT. DOMINICAN REPUBLIC: San Cristóbal Prov., near La Toma (18°27.5'N, 70°07.2'W, ~70 m a.s.l.), degraded forest, under dead leaves on ground, 7.xi.2005 (B.A. Huber).
- ubatuba** [*Carapoia*: Pholcidae] Huber, 2005. 4♂5♀PT. BRAZIL: São Paulo, Fazenda Angelim, 16.-18.xii.2003 (B. A. Huber).
- una** [*Carapoia*: Pholcidae] Huber, 2005. 1♂PT. BRAZIL: Bahia, Una, Reserva Biológica do Una, 13.-16.iv.1998 (A. D. Brescovit et al.).
- visite** [*Tainonia*: Pholcidae] Huber & Astrin, 2009. ♂HT. HAITI: Dept. Sud-Est, La Visite National Park, 'Case Dent' (18°20.2'N, 72°16.4'W), 1880 m a.s.l., ravine in pine forest, 27.xi.2007 (B.A. Huber), ZFMK Ar1485.
- woongil** [*Pholcus*: Pholcidae] Huber, 2011. ♂HT. SOUTH KOREA: Gyeonggi-do (Prov.), Mt. Woongil (37°33.6'N, 127°15.9'E), Namyangju-si (City), 29.v.2000 (B.W. Kim).
- yeongwol** [*Pholcus*: Pholcidae] Huber, 2011. ♂HT. SOUTH KOREA: Gangwon-do (Prov.), Yeongwol-eup (37°11.2'N, 128°28.0'E), Yeongwol-gun (County), 3.x.2002 (B.W. Kim).

Scorpiones

- apatris** [*Scorpiobuthus*] Werner, 1939. Present name: *Uroplectes chubbi* Hirst, 1911 (Fet & Sissom 1997). ♀LT, 1♀PLT. INDIA: Central India, had dried up, '83, 84', ZFMK Sc350-1.
- australasiae longimanus** [*Hormurus*] Werner, 1939. Present name: *Liocheles australasiae longimanus* (Werner, 1939) (Lockett 1997). ♂LT, 1♀PLT. INDONESIA: Sumatra, 'Montes Battak', 'coll. Fruhsdorfer', '110, 111', ZFMK Sc257-8.
- trichiurus paucidens** [*Hadogenes*] Werner, 1939. Present name: *Hadogenes trichiurus weneri* Fet, 1997 (Fet 1997). HT. No data, had dried up, '109', ZFMK Sc207.

Pantopoda

- asiaticum** [*Pycnogonum*] Müller, 1992. ♂HT, 7 PT. MALAYSIA: Pulau Babi Besar, 1-2 m depth, 2.-9.iv.1991 (H.-G. Müller).
- bicorniculata** [*Ammothea*] Stiboy-Risch, 1992. 1♂ adult PT. ANTARCTICA: Princess Martha Coast (73°23'S, 21°30'W), 473 m depth, 18.ii.1985; ZFMK Py 92.1.
- coralliophila** [*Cheilopallene*] Müller, 1992. ♂HT. MALAYSIA: Pulau Tioman, 1-3 m depth, 12.-17.iv.1991 (H.-G. Müller).
- kenyensis** [*Callipallene*] Müller, 1990a. 2 PT. KENYA: near Watamu, south of Malindi, 0-0.5 m depth, 24.vii.-7.viii.1998 (H.-G. Müller).
- macabou** [*Nymphon*] Müller, 1990b. HT, 3 PT. FRENCH ANTILLES: Martinique, Petite Anse de Macabou, 0-1 m depth, 6.-15.iv.1990 (H.-G. Müller).
- magnum** [*Pentapycnon*] Stiboy-Risch, 1994 (junior syn. of *Pentapycnon bouvieri* Pushkin, 1993). 1♀ adult PT. ANTARCTICA: Princess Martha Coast (73°11.1'S, 20°34.15'W), 413-429 m depth, 23.i.1985, ZFMK Py 94.1.
- pseudotarsalis** [*Anoplodactylus*] Müller, 1992. ♂HT, 3 PT. MALAYSIA: Pulau Babi Besar, 1-2 m depth, 2.-9.iv.1991 (H.-G. Müller).
- sandromagni** [*Anoplodactylus*] Krapp, 1996. HT, 8 PT. INDIA: Kerala coast, near Trivandrum, near waterline, ii.1990 (M. Daccordi).
- watamu** [*Ammothea*] Müller, 1990a. 6 PT. KENYA: near Watamu, south of Malindi, 0-0.5 m depth, 24.vii.-7.viii.1998 (H.-G. Müller).

Amphipoda

- alacris* [*Apherusa*] Krapp-Schickel, 1969. PT. CROATIA: Rovinj (Adriatic Sea), *Zostera*, 20-25 m depth, slides Nr. 4/69-76.
- chierighinii* [*Apherusa*] Giordani-Soika, 1950. 2♀1♂ PT. ITALY: Venice, ZFMK 19-340-342, slides Nr. 4/46-48.
- eduardi* [*Stenothoe*] Krapp-Schickel, 1976. 1♀ ovigerous PT. ITALY: Naples, Ischia, sponges, ZFMK 19-145, slide Nr. 2/46.
- elachista* [*Stenothoe*] Krapp-Schickel, 1976. 2♂1♀ PT. ITALY: Livorno, sand, 3-4 m depth, 43°43'10"N, 10°13'40"E, ZFMK 19-121-123, slides Nr. 2/22-24.
- emancipata* [*Gammaropsis*] Krapp-Schickel & Myers, 1979. 1♂1♀ ST. ITALY: Naples, 25-40 m depth, ZFMK 19-25-26, slides Nr. 1/26-27 [P1/26 lost].
- pirata* [*Idunella*] Krapp-Schickel, 1974. ST. CROATIA: Dalmacia, Ilarin near Sibenik, 54 m depth, 43°43'00"N, 15°47'36"E, ZFMK 19-14, slide Nr. 1/14.
- psaltrica* [*Liljeborgia*] Krapp-Schickel, 1974. PT. ITALY: Ancona, mud, 95-100 m depth, 42°15'00"N, 15°05'00"E, ZFMK 19-15, slide Nr. 1/15.
- spuria* [*Amphithoe*] Krapp-Schickel, 1978 (present spelling: *Ampithoe spuria*). PT, 12 specimens. CROATIA: Rovinj (Adriatic Sea), ZFMK 19-232-243, slides Nr. 3/36-47.
- venetiaram* [*Leucothoe*] Giordani-Soika, 1950. PT. ITALY: Venice, Laguna Veneta, ZFMK 19-155, slide Nr. 2/57.

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