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. 239 names are recorded; of these, 116 (49%) 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, SE Asia) 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.

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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 REP.: 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 male, 1 female PT, 2 slides. AUSTRALIA: Wanjarri Reserv., host: *Notomys alexis alatus*, 8.i.1975 (P. Lombert), 'WAM M12 964'.

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

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

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

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

apicola [*Cheletophyes*] Fain, Lukoschus & Nadchatram, 1980. 1 male, 1 female 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 females PT, 4 slides. THE NETHERLANDS: Hatert, host: *Apodemus sylvaticus*, 14.xi.1966 (F. S. Lukoschus).

asiaticus [*Alabidopus*] Lukoschus, Scheperboer, Fain & Nadchatram, 1981. PT: 2 males pn, 1 female, 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 males, 4 females PT, 7 slides. AUSTRALIA, host: *Petaurus breviceps*, 29.xi.1913 (Vosseler), 'Hamburg T 663'.

australiensis [*Labidocarpus*] Fain & Lukoschus,1981b. 4 females 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 males, 2 females 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 [*Lutrilichus*] Fain, Lukoschus, Kok & Clulow, 1974. 1 male, 1 female 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 female 1?, 2 slides. SURINAME: Lelydorp, host: *Carollia perspicillata*, 15. & 16.xii.1969 (F. S. Lukoschus).

chalinolobi [*Alabidocarpus*] Fain & Lukoschus, 1981b. PT: 1 male, 3 females, 1 female 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 female PT. MALAYSIA: Kuala Pilah, host: *Xylocopa (Platynopoda) latipes*, 30.vi.1980 (Ismail).

cruzi [*Domingoecius*] Fain & Lukoschus, 1979 in Fain 1979. 1 female 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 gymnurus*, 11.xi.1916 (Fritsche), 'SMF 32469'.

elegans [*Laelaps*] Domrow, 1980. 2 females 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 male, 1 female 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 Caracolicito, 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. Female HT, PT: 1 male (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 males, 2 females PT, 3 slides. MADAGASCAR: Imerina, host: *Microgale thomasi*, 1899 (Grandidier & Sikora).

insignis [*Schizocarpus*] Fain & Lukoschus, 1985. 2 males, 2 females 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 male, 1 female PT, 2 slides. AUSTRALIA: Queensland, Atherton Table, host: *Melomys cervinipes*, viii.1921, Smiths. (male) & AUSTRALIA: Port Warrender, host: *Melomys* sp., 30.x.1976, Kimberley Exp., '3140' (female).

lukoschusi [*Echinonyssus*] Tenorio & Radovsky, 1979. 1 female PT. THE NETHERLANDS: Nijmegen, host: *Talpa europaea*, 6.iv.1972 (F. S. Lukoschus).

lukoschusi [*Eutarsopolipus*] Husband, 1986. PT: 1 male, 2 females, 1 female 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 male, 1 female 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 female PT. AUSTRALIA: Geikie Gorge, host: *Eptesicus douglasi*, 30.ix.1976, Kimberley Exp., '2846'.

malaysiensis [*Alabidopus*] Lukoschus, Scheperboer, 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 male, 1 female 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. Diguet, '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 males, 3 females, 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 female, 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 female, 1pn. GERMANY: München, host: *Muscardinus avellanarius*, 18.v.1969 & 8.vii.1969 (F. S. Lukoschus & Henze).

namibius [*Regenpolipus*] Husband, 1986. 1 female 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 male, 2 females 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 males, 1 female, 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 females PT, 2 slides. AUSTRALIA: Port Warrender, host: *Conilurus penicillatus*, 29.x.1976, Kimberley Exp., '3110, 3115'.

peruviana costaricensis [*Oryzomysia*] Fain, 1979. 3 males, 4 females PT, 3 slides. COSTA RICA: Palmar Sur, host: *Nectomys* sp., 8.v.1967.

petauri [*Ornithonyssus*] Micherdzinski, 1980. PT: 2 males, 3 females, 3n, 8 slides. AUSTRALIA, host: *Petaurus breviceps*, 29.xi.1913 (Vosseler), 'Hamburg T 663'.

pteropus [*Neospeleognathopsis*] Fain & Lukoschus, 1979b. 1 female PT. AUSTRALIA: Western Australia: Brooking Springs, host: *Pteropus scapulatus*, 7.x.1976, Kimberley-Exped., '2952'.

pygidialis camerounensis [*Orycteroxenus*] Fain & Lukoschus, 1974. 1PT. CAMEROON: Pt. Elisabeth, host: *Crocidura* sp., 15.xii.1898 (H. Brauns), 'Hamburg T142'.

quasimelomys [*Murichirus*] Fain & Lukoschus, 1981d. 1 female PT. AUSTRALIA: Port Warrender, host: *Melomys* sp., 30.x.1976, Kimberley Exp., '3140'.

quasinudus [*Scolonoticus*] Fain & Lukoschus, 1981c. 2 males, 2 females 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'.

saccopteryx [*Hipposideroptes*] Fain & Lukoschus, 1971. 1 female PT. SURINAME: Lelydorp, host: *Saccopteryx bilineata*, 26.ii.1970 (F. S. Lukoschus), '488'.

sculpturatus [*Listrophoroides (Marquesania)*] Fain, Nadchatram & Lukoschus, 1981, in Fain 1981. 1 male PT. MALAYSIA: Kuala Selangor Road 22 mls., host: *Rattus muelleri*, 28.v.1979, 'IMR 169'.

sibirica [*Sciuropsis*] 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 females 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 female PT?. AUSTRALIA: Peak Downs, host: *Phascogale* sp., 'Hamburg T 636'.

stubbei [*Afrolistrophorus*] Fain & Lukoschus, 1979a. 1 male, 1 female 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 male, 1 male n , 2n, 2L, 5 slides. TAIWAN; host: *Talpa insularis*, 6.v.1965 (Jameson), 'Smiths. 358 675'.

talpae [*Atopomelus*] Fain, Lukoschus & Cauwenberghe, 1973. PT: 1 male, 3 females, tn, eggs. ITALY: Pescasseroli, host: *Talpa romana*, 20. & 21.x.1972 (F. S. Lukoschus).

tapoatafa [*Dasyurochirus*] Fain & Lukoschus, 1981c. PT, 1 female 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 male, 1 female PT, 2 slides. MADAGASCAR: Ikongo (Grandidier) & Vinanitelo, ix.1898 (Grandidier), host: *Microgale longicauda* & *M. crassipes*, 'Paris 1912-67' & 'MNHN 1912-70'.

yungicola [*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 male, 1 female 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 [*Sciuropsis*] Fain, Kniest & Lukoschus. "PT", 4 slides. MONGOLIA: Chovd-gol, host: *Dipus sagitta*, 10.vi.1975 (M. Stubbe).

ellobius [*Sciuropsis*] Fain & Lukoschus. "PT", 4 slides. MONGOLIA: Bulgan-gol & Chovd-gol, host: *Ellobius talpinus*, 9.v. & 12.vi.1975 (M. Stubbe).

meriones [*Sciuropsis*] Fain & Lukoschus. "PT", 6 slides. MONGOLIA: Chovd-gol & Cococharychne-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 males, 2 females, 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

akwamu [*Spermophora*: Pholcidae] Huber & Kwapong 2013. Male HT. GHANA: Central Region, Kakum National Park (5°20.9’N, 1°23.0’W), 160 m a.s.l., forest near entrance, day collecting, 19.ii.2013 (B.A. Huber), Ar 10522.

ale [*Tupigea*: Pholcidae] Huber & Rheims, 2011. 2 males, 1 female 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, 2011. 2 males, 3 females 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).

angelus [*Oedothorax*: Linyphiidae] Tanasevitch, 1998b. 2 male PT. NEPAL: Panchthar Distr., Panipoura, 2300 m, mixed broadleaved forest, 16.-20.iv.1988 (J. Martens, W. Schawaller).

angulatus [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. Male 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).

ankasa [*Smeringopina*: Pholcidae] Huber 2013. Male HT. GHANA: Western Region, Ankasa National Park (5°13.0’N, 2°39.1’W), 180 m a.s.l., forest near entrance, day collecting, 22.ii.2013 (B.A. Huber), Ar 10229.

atewa [*Anansus*: Pholcidae] Huber & Kwapong 2013. Male HT. GHANA: Eastern Region, Atewa Hills, Atewa Atwirebu Reserve (6°13.8’N, 0°33.5’W), 740 m a.s.l., 25.ii.2013 (B.A. Huber), Ar 10513.

attuleh [*Pholcus*: Pholcidae] Huber, 2011. Male 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).

attuleh [*Smeringopina*: Pholcidae] Huber 2013. Male HT. CAMEROON: Southwest Region, near Dschang, Attuleh, “site 1” (5°27.7’N, 9°56.5’E), 1880 m a.s.l., near ground, 20.iv.2009 (B.A. Huber), Ar 10216.

aureotibialis [*Ornithoctonus*: Theraphosidae] Wirth & Striffler, 2005. 1 female PT. THAILAND: Bangkok, no date (P. Schmidt), ZFMK Ar001. 1 male PT: Southern Thailand, xii.2000 (M. Bullmer), ZFMK Ar002.

awalai [*Spermophora*: Pholcidae] Huber, 2014 in Huber et al. 2014. Male 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), Ar 11953.

bachata [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. Male 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. Male 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. Male 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).

bamenda [*Smeringopina*: Pholcidae] Huber 2013. Male HT. CAMEROON: Northwest Region, near Bamenda, under log at roadside (6°00.5’N, 10°18.1’E), 1750 m a.s.l., 16.iv.2009 (B.A. Huber), Ar 10251.

baoruco [*Leptopholcus*: Pholcidae] Huber, 2006 in Huber & Wunderlich 2006. Male HT. DOMINICAN REPUBLIC: Barahona Prov., Sierra de Baoruco, near Polo, 17.xi.2005 (B.A. Huber).

bayahibe [*Tainonia*: Pholcidae] Huber & Astrin, 2009. Male 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 Ar 1488.

bayaka [*Smeringopina*: Pholcidae] Huber 2013. Male HT. GABON: Moyen-Ogooué, near Ndjolé, "site 2" (0°05.9'S, 10°52.4'E), 140 m a.s.l., forest near brook, 11.viii.2011 (B.A. & S.R. Huber), Ar 10305.

belinga [*Smeringopina*: Pholcidae] Huber 2013. Male HT. GABON: Ogooué-Ivindo, Monts de Belinga (0°58.7'N, 13°11.5'E), 860 m a.s.l., at large rocks in forest, 13.viii.2011 (B.A. & S.R. Huber), Ar 10295.

berac [*Modisimus*: Pholcidae] Huber, 2010 in Huber et al. 2010. Male 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. Male 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).

bomfobiri [*Smeringopina*: Pholcidae] Huber 2013. Male HT. GHANA: Ashanti Region, Bomfobiri Wildlife Sanctuary (6°57.7'N, 1°11.4'W), 240 m a.s.l., among rocks in canyon, 3.iii.2013 (B.A. Huber), Ar 10236.

budongo [*Leptopholcus*: Pholcidae] Huber, 2011. Male HT. UGANDA: Masindi Distr., Budongo Forest near Sonso (1°45'N, 31°35'E), 1.-10.vii.1995 (T. Wagner).

bujongolo [*Smeringopus:* Pholcidae] Huber, 2012. Male HT. UGANDA: Kasese District, Ruwenzori Mts., between Nyabitaba Hut and Guy Yeoman Hut (~0°20.6–21.5'N, 29°55.6–58.7'E), 2660–3450 m a.s.l., 2.xii.2010 (B.A. Huber), Ar 8483.

bunkpurugu [*Artema*: Pholcidae] Huber & Kwapong 2013. Male HT. GHANA: Northern Region, Bunkpurugu (10°31.1'N, 0°05.5'E), 230 m a.s.l., in building, 7.iii.2013 (B.A. Huber), Ar 10515.

bwindi [*Smeringopus:* Pholcidae] Huber, 2012. Male HT. UGANDA: Kanungu District, Bwindi Impenetrable National Park, waterfall trail near Buhoma (0°59.8'–1°00.2'S, 29°36.9–37.2'E), ~1500–1600 m a.s.l., 22.xi.2010 (B.A. Huber), Ar 8490.

bwiti [*Smeringopina*: Pholcidae] Huber 2013. Male HT. GABON: Ngounié, near Moulandoufouala (1°38.1'S, 10°42.5'E), 110 m a.s.l., forest along road, 27.viii.2011 (B.A. & S.R. Huber), Ar 10279.

chaillu [*Smeringopina*: Pholcidae] Huber 2013. Male HT. GABON: Ngounié, Massif du Chaillu, "site 4", between Yéno and Mouila (1°43.7'S, 11°18.4'E), 650 m a.s.l., forest along river, 26.viii.2011 (B.A. & S.R. Huber), Ar 10308.

chibububo [*Smeringopus:* Pholcidae] Huber, 2012. Male HT. Mozambique, Inhambane Province, Vilankulos, Casa Chibububo (22°01.2'S, 35°19,2'E), leaf litter, coastal bush, 3 m a.s.l., 12.xii.2007 (C. Haddad, R. Lyle, R. Fourie), Ar 8492.

chogoria [*Smeringopus:* Pholcidae] Huber, 2012. Male HT. KENYA: Eastern Province, Mt. Kenya N.P., Chogoria Forest, 'site 1' (0°12.1'S, 37°29.4'E), 2460 m a.s.l., 27.i.2010 (B.A. Huber), Ar 8495.

cienaga [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. Male 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. Male 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 Ar 1473.

comatus [*Gorbothorax*: Linyphiidae) Tanasevitch, 1998a. 1 male PT. NEPAL: Panchthar Distr., Panipoura, 2300 m, mixed broadleaved forest, 16.-20.iv.1988 (J. Martens, W. Schawaller).

conicus [*Gorbothorax*: Linyphiidae) Tanasevitch, 1998a. 1 male PT. NEPAL: Taplejung Distr., Omje Kharka NW Yamputhin, mature mixed broadleaved forest, 2300-2500 m, 1.-6.v.1988 (J. Martens, W. Schawaller).

coronatus [*Oedothorax*: Linyphiidae] Tanasevitch 1998b. 2 male PT. NEPAL: Ilam Distr., Mai Pokhari, 2100 m, forest, 31.iii.-1.iv.1980 (J. Martens, A. Ausobsky).

crasto [*Carapoia*: Pholcidae] Huber, 2005. 1 male, 2 females PT. BRAZIL: Sergipe, Santa Luzia do Itanhy, 9.-13.ix.1999 (A. D. Brescovit et al.).

cuadro [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. Male 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 male, 1 female PT. BRAZIL: São Paulo, Itanhaém, Ilha da Queimada Grande, 28.iv.-1.v.2003 (equipe Biota).

dade [*Pholcus*: Pholcidae] Huber, 2011. Male HT. USA: Georgia, Dade Co., Sitton's Cave (34°51'N, 85°28'W), 7.viii.1998 (W. Reeves).

dieke [*Spermophora*: Pholcidae] Huber, 2009. Male 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).

djidji [*Smeringopina*: Pholcidae] Huber 2013. Male HT. GABON: Ogooué-Ivindo, near Djidji (0°12.8'N, 11°49.3'E), 470 m a.s.l., forest, 12.viii.2011 (B.A. & S.R. Huber), Ar 10262.

donensis [*Pholcus*: Pholcidae] Ponomarev, 2005. 3 males, 3 females 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 males, 2 females); Rasdorskaya Station, Majak Vill., grassland and steppe, hill, 3.v.2002 (A. Ponomarev) (1 male); Rasdorskaya Station, wet grassland near bank of Don river, 1.ix.2002 (A. Ponomarev) (1 female).

doucki [*Pholcus*: Pholcidae] Huber, 2011. Male 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. Male 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).

ebolowa [*Smeringopina*: Pholcidae] Huber 2013. Male HT. CAMEROON: South Region, near Ebolowa (2°54.9'N, 11°08.3'E), 620 m a.s.l., near ground, 11.-12.iv.2009 (B.A. Huber), Ar 10282.

elsaff [*Nita*: Pholcidae] Huber & El Hennawy, 2007. Male HT. EGYPT: Giza, El Saff, 1.iii.2003 (M. Mohafez), ZFMK Ar005.

enriquillo [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. Male 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. Male 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).

essotah [*Smeringopina*: Pholcidae] Huber 2013. Male HT. CAMEROON: Southwest Region, near Dschang, Essotah (5°25.5'N, 9°54.7'E), 1600 m a.s.l., near ground, under and among rocks, 21.iv.2009 (B.A. Huber), Ar 10289.

ethagala [*Pholcus*: Pholcidae] Huber, 2011. Male 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).

fang [*Smeringopina*: Pholcidae] Huber 2013. Male HT. GABON: Ogooué-Ivindo, near Djidji (0°12.8'N, 11°49.3'E), 470 m a.s.l., forest, 12.viii.2011 (B.A. & S.R. Huber), Ar 10193.

fon [*Smeringopina*: Pholcidae] Huber 2013. Male HT. BENIN: Kpinkonzoumé sacred forest (6°20.8'N, 2°18.0'E), 25.xi.2008 (S. Tchibozo), Ar 10228.

gabonicus [*Leptopholcus*: Pholcidae] Huber, 2014 in Huber et al. 2014. Male HT. GABON: Ogooué-Ivindo, Monts de Belinga, forest near Mayebout (1°06.7'N, 13°06.6'E), 500 m a.s.l., 13-14.viii.2011 (B.A. & S.R. Huber), Ar 11932.

gordimerae [*Spermophora*: Pholcidae] Huber, 2003. Male 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, 2011. 2 males, 2 females 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).

harare [*Smeringopus:* Pholcidae] Huber, 2012. Male HT. ZIMBABWE: Harare (17°49'S, 31°05'E), in store room, 28.iv.2004 (M. Cumming), Ar 8551.

ibadan [*Smeringopina*: Pholcidae] Huber 2013. Male HT. NIGERIA: Ibadan, IITA [International Institute of Tropical Agriculture, 7°29.4'N, 3°53.4'E], fallow bush, 28.x.1974 (A. Russell-Smith), Ar 10248.

iboga [*Smeringopina*: Pholcidae] Huber 2013. Male HT. GABON: Ngounié, near Moulandoufouala (1°38.1'S, 10°42.5'E),

110 m a.s.l., forest along road, 27.viii.2011 (B.A. & S.R. Huber), Ar 10205.

jima [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. Male 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).

kala [*Smeringopina*: Pholcidae] Huber 2013. Male HT. CAMEROON: Centre Region, near Yaoundé, Mt. Kala (3°51.0'N, 11°20.3'E), 730 m a.s.l., near ground, 14.iv.2009 (B.A. Huber), Ar 10258.

kamwai [*Anansus*: Pholcidae] Huber, 2014 in Huber et al. 2014. Male HT. CAMEROON: Northwest Region, near Bamenda, under trash and logs at roadside (6°00.5'N, 10°18.1'E), 1750 m a.s.l., 16.iv.2009 (B.A. Huber), Ar 11931.

kindia [*Pholcus*: Pholcidae] Huber, 2011. Male 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).

kinguele [*Smeringopina*: Pholcidae] Huber 2013. Male HT. GABON: Estuaire, Monts de Cristal, between Tchimbélé and Kinguélé (0°33.8'N, 10°18.8'E), 520 m a.s.l., forest near river, 10.viii.2011 (B.A. & S.R. Huber), Ar 10190.

kintampo [*Leptopholcus*: Pholcidae] Huber & Kwapong 2013. Male HT. GHANA: Brong-Ahafo Region, Kintampo Falls (8°05.3'N, 1°41.9'W), 280 m a.s.l., degraded forest along stream, 5.iii.2013 (B.A. Huber), Ar 10519.

kiskeya [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. Male 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. Male 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. Male 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).

kribi [*Smeringopina*: Pholcidae] Huber 2013. Male HT. CAMEROON: South Region, between Kribi and Campo, "site 2" (2°40.4'N, 9°51.4'E), 15 m a.s.l., near ground, 10.iv.2009 (B.A. Huber), Ar 10298.

lekoni [*Smeringopina*: Pholcidae] Huber 2013. Male HT. GABON: Haut Ogooué, forest at Lékoni River (1°10.7'S, 13°32.3'E), 305 m a.s.l., 18.viii.2011 (B.A. & S.R. Huber), Ar 10203.

leprete [*Modisimus*: Pholcidae] Huber, 2010 in Huber et al. 2010. Male 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 female PT: THAILAND, 3.iii.2001 (S. Capaninni), ZFMK Ar003. 1 male PT: THAILAND, 15.xii.2001 (T. Klein), ZFMK Ar 004.

macaya [*Modisimus*: Pholcidae] Huber & Fischer in Huber et al. 2010. Male 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. Male 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. Male 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. Male 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).

mayebout [*Smeringopina*: Pholcidae] Huber 2013. Male HT. GABON: Ogooué-Ivindo, Monts de Belinga, forest near Mayebout (1°06.7'N, 13°06.6'E), 500 m a.s.l., 13.-14.viii.2011 (B.A. & S.R. Huber), Ar 10291.

mbouda [*Smeringopina*: Pholcidae] Huber 2013. Male HT. CAMEROON: West Region, near Mbouda, Bamboutos (5°37.3'N, 10°06.7'E), 2100 m a.s.l., among rocks, near ground, 19.iv.2009 (B.A. Huber), Ar 10221.

mgahinga [*Smeringopus:* Pholcidae] Huber, 2012. Male HT. UGANDA: Kisoro District,

Mgahinga Gorilla National Park, Garama Cave, cave entrance (1°21.4'S, 29°37.9'E), 2500 m a.s.l., 25.xi.2010 (B.A. Huber), Ar 8516.

miri [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. Male 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 manacla (palm) leaves, 10.xi.2005 (B.A. Huber).

mlilwane [*Smeringopus:* Pholcidae] Huber, 2012. Male HT. SWAZILAND: Mlilwane Game Reserve [~26°26.5'S, 31°11.0'E], in crevices of rocks, 31.iii.2001 (B.A. Huber, K. Schütt), Ar 8521.

mohoba [*Smeringopina*: Pholcidae] Huber 2013. Male HT. GABON: Ogooué-Ivindo, near Mohoba Mozeye (0°16.8'N, 13°20.9'E), 510 m a.s.l., forest along road, 17.viii.2011 (B.A. & S.R. Huber), Ar 10192.

molimo [*Quamtana*: Pholcidae] Huber, 2003. Male HT. LESOTHO: Molimo Nhtuse (~29°20'S, 27°40'E), in herbs and grass, 16.iv.1974 (A. Russell-Smith).

moudouma [*Smeringopina*: Pholcidae] Huber 2013. Male HT. GABON: Ogooué-Lolo, near Moudouma (1°23.5'S, 12°09.6'E), 475 m a.s.l., forest along brook, 24.viii.2011 (B.A. & S.R. Huber), Ar 10206.

mpanga [*Smeringopus:* Pholcidae] Huber, 2012. Male HT. UGANDA: Mpigi District, Mpanga Forest Reserve (0°12.4'N, 32°18.1'E), 1200 m a.s.l., 22.xi.2010 (B.A. Huber), Ar 8523.

nadong [*Pholcus*: Pholcidae] Huber, 2011. Male 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).

ndjole [*Smeringopina*: Pholcidae] Huber 2013. Male HT. GABON: Moyen-Ogooué, near Ndjolé, "site 1" (0°09.0'S, 10°40.0'E), 120 m a.s.l., forest near brook, 11.viii.2011 (B.A. & S.R. Huber), Ar 10215.

ngangao [*Smeringopus:* Pholcidae] Huber, 2012. Male HT. KENYA: Coast Province, Taita Hills, Ngangao Forest (3°22.2'S, 38°20.4'E), 1810 m a.s.l., 19.i.2010 (B.A. Huber), Ar 8546.

nkoetye [*Pholcus*: Pholcidae] Huber, 2011. Male 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).

nyasoso [*Smeringopina*: Pholcidae] Huber 2013. Male HT. CAMEROON: Southwest Region, Mt. Koupé above Nyasoso (4°49.6'N, 9°41.1'E), ~1600 m a.s.l., near ground, 23.iv.2009 (B.A. Huber), Ar 10252.

ogooue [*Smeringopina*: Pholcidae] Huber 2013. Male HT. GABON: Ogooué-Lolo, near Moudouma (1°23.5'S, 12°09.6'E), 475 m a.s.l., forest along brook, 24.viii.2011 (B.A. & S.R. Huber), Ar 10264.

okgye [*Pholcus*: Pholcidae] Huber, 2011. Male HT. SOUTH KOREA: Gangwon-do (Prov.), Okgye-myeon (37°34.3'N, 128°56.8'E), entrance of Cave Okgye, 3.ix.2005 (B.W. Kim).

oromia [*Smeringopus:* Pholcidae] Huber, 2012. Male HT. ETHIOPIA: Oromia Region, Lake Langano [~7°36'N, 38°41'E], under stones, short grass near hotel, 24.x.1982 (A. Russell-Smith), Ar 8552.

palvet [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. Male 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. Male 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 males, 4 females 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. Male 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, 2011. 1 male, 1 female 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 males, 3 females PT. BRAZIL: Rio de Janeiro, Petropolis, Fazenda Ranchinho da Roça, 8-15.ii.2000 (equipe BIOTA).

punu [*Pholcus*: Pholcidae] Huber, 2014 in Huber et al. 2014. Male HT. GABON: Haut Ogooué, forest above Canyon rose near Lékoni (1°38.6'S, 14°17.5'E), 600 m a.s.l., 19.viii.2011 (B.A. & S.R. Huber), Ar 11938.

rawiriae [*Pholcus*: Pholcidae] Huber, 2014 in Huber et al. 2014. Male HT. GABON: Ogooué-Ivindo, near Mohoba Mozeye (0°16.8'N, 13°20.9'E), 510 m a.s.l., forest along road, 17.viii.2011 (B.A. & S.R. Huber), Ar 11951.

roumaini [*Modisimus*: Pholcidae] Huber, 2010 in Huber et al. 2010. Male 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. Male HT. MALAWI: Central Malawi, 12 km S Monkey Bay (~14°03'S, 35°00'E), 19.xii.1977 (A. Russell-Smith).

sahoue [*Smeringopina*: Pholcidae] Huber 2013. Male HT. GABON: Estuaire, forest near Sahoué, N Libreville (0°34.6'N, 9°20.4'E), 30 m a.s.l., 28.viii.2011 (B.A. & S.R. Huber), Ar 10301.

samana [*Tainonia*: Pholcidae] Huber & Astrin, 2009. Male 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 male, 1 female 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. Male 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. Male HT. SOUTH KOREA: Chungcheongbuk-do (Prov.), Goisan-gun, Cave Simbok (36°46.6'N, 127°57.8'E), 19.i.2006 (B.W. Kim).

simintang [*Smeringopina*: Pholcidae] Huber 2013. Male HT. GABON: Ogooué-Ivindo, Ivindo N.P. near Simintang (0°32.2'N, 12°41.3'E), 545 m a.s.l., forest, 16.viii.2011 (B.A. & S.R. Huber), Ar 10293.

taita [*Pholcus*: Pholcidae] Huber, 2011. Male 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).

tchimbele [*Smeringopina*: Pholcidae] Huber 2013. Male HT. GABON: Estuaire, Monts de Cristal, between Tchimbélé and Kinguélé (0°33.8'N, 10°18.8'E), 520 m a.s.l., forest near river, 10.viii.2011 (B.A. & S.R. Huber), Ar 10303.

tebe [*Smeringopina*: Pholcidae] Huber 2013. Male HT. GABON: Ogooué-Ivindo, N Tébé (0°02.3'S, 13°40.9'E), 550 m a.s.l., forest along brook, 17.viii.2011 (B.A. & S.R. Huber), Ar 10201.

tiburon [*Modisimus*: Pholcidae] Huber & Fischer, 2010 in Huber et al. 2010. Male 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. Male 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. Male 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).

turkana [*Smeringopus:* Pholcidae] Huber, 2012. Male HT. KENYA: Rift Valley, Kacheliba [~1°28'N, 35°01'E?], 1400 m a.s.l., hot dry area, 4.viii.1972 (Murphy) Ar 8565.

ubatuba [*Carapoia*: Pholcidae] Huber, 2005. 4 males, 5 females PT. BRAZIL: São Paulo, Fazenda Angelim, 16.-18.xii.2003 (B. A. Huber).

una [*Carapoia*: Pholcidae] Huber, 2005. 1 male PT. BRAZIL: Bahia, Una, Reserva Biológica do Una, 13.-16.iv.1998 (A. D. Brescovit et al.).

visite [*Tainonia*: Pholcidae] Huber & Astrin, 2009. Male 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 Ar 1485.

wagneri [*Copuetta*: Corinnidae] Haddad 2013. Male HT, 1 male PT. UGANDA: Budongo Forest (1°45'N, 31°25'E), 1200 m a.s.l., canopy fogging, 5.-15.i.1997 (T. Wagner), ZFMK Ar 10557-8.

woongil [*Pholcus*: Pholcidae] Huber, 2011. Male 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. Male 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).

ziama [*Spermophora*: Pholcidae] Huber & Kwapong 2013. Male HT. GUINEA: Guinée Forestière, Forêt Classée de Ziama (8°24.2'N, 9°19.3'W), 640 m a.s.l., 2.xii.2008 (B.A. Huber), Ar 10532.

SCORPIONES

apatris [*Scorpiobuthus*] Werner, 1939. Present name: *Uroplectes chubbi* Hirst, 1911 (Fet & Sissom 1997). Female LT, 1 female PLT. INDIA: Central India, had dried up, '83, 84', ZFMK Sc350-1.

australasiae longimanus [*Hormurus*] Werner, 1939. Present name: *Liocheles australasiae longimanus* (Werner, 1939) (Locket 1997). Male LT, 1 female PLT. INDONESIA: Sumatra, 'Montes Battak', 'coll. Fruhsdorfer', '110, 111', ZFMK Sc257-8.

trichiurus paucidens [*Hadogenes*] Werner, 1939. Present name: *Hadogenes trichiurus werneri* Fet, 1997 (Fet 1997). HT. No data, had dried up, '109', ZFMK Sc207.

PANTOPODA

asiaticum [*Pycnogonum*] Müller, 1992. Male HT, 7 PT. MALAYSIA: Pulau Babi Besar, 1-2 m depth, 2.-9.iv.1991 (H.-G. Müller). ZFMK Pa 506-508.

bicorniculata [*Ammothea*] Stiboy-Risch, 1992. 1 male adult PT. ANTARCTICA: Princess Martha Coast (73°23'S, 21°30'W), 473 m depth, 18.ii.1985; ZFMK Py 92.1. ZFMK Pa 83.

coralliophila [*Cheilopallene*] Müller, 1992. Male HT. MALAYSIA: Pulau Tioman, 1-3 m depth, 12.-17.iv.1991 (H.-G. Müller). ZFMK Pa 390.

kenyensis [*Callipallene*] Müller, 1990a.(junior syn. of *Callipallene gabriellae,*Correa, 1948) 2 PT. KENYA: near Watamu, south of Malindi, 0-0.5 m depth, 24.vii.-7.viii.1998 (H.-G. Müller). ZFMK Pa 239.

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). ZFMK Pa 403-404.

magnum [*Pentapycnon*] Stiboy-Risch, 1994 (junior syn. of *Pentapycnon bouvieri* Pushkin, 1993). 1 female 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. ZFMK Pa 505.

pseudotarsalis [*Anoplodactylus*] Müller, 1992. Male HT, 3 PT. MALAYSIA: Pulau Babi Besar, 1-2 m depth, 2.-9.iv.1991 (H.-G. Müller). ZFMK Pa 460.

sandromagni [*Anoplodactylus*] Krapp, 1996. HT, 8 PT. INDIA: Kerala coast, near Trivandrum, near waterline, ii.1990 (M. Daccordi).

tayronae *[Anoplodactylus]* Müller & Krapp, 2009. PT. MARTINIQUE: Petite Anse de Macabou, 1 m depth, 06.-10.iv.1990 (H.-G. Müller). ZFMK Pa 221.

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). ZFMK Pa 84.

AMPHIPODA

alacris [*Apherusa*] Krapp-Schickel, 1969. PT. CROATIA: Rovinj (Adriatic Sea), *Zostera*, 20-25 m depth, slides Nr. 4/69-76.

chiereghinii [*Apherusa*] Giordani-Soika, 1950. 2 females, 1 male PT. ITALY: Venice, ZFMK 19-340-342, slides Nr. 4/46-48.

eduardi [*Stenothoe*] Krapp-Schickel, 1976. 1 female ovigerous PT. ITALY: Naples, Ischia, sponges, ZFMK 19-145, slide Nr. 2/46.

elachista [*Stenothoe*] Krapp-Schickel, 1976. 2 males, 1 female 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 male, 1 female 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.

venetiarum [*Leucothoe*] Giordani-Soika, 1950. PT. ITALY: Venice, Laguna Veneta, ZFMK 19-155, slide Nr. 2/57.

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