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TYPE SPECIMENS OF CHRYSIDOIDEA (HYMENOPTERA) DEPOSITED IN THE MUSEU DE ZOOLOGIA DA UNIVERSIDADE DE SÃO PAULO, BRAZIL

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ABSTRACT

The present catalogue lists type specimens of Chrysidoidea deposited in the Museu de Zoologia da Universidade de São Paulo (MZSP). The Chrysidoidea collection includes a total of 75 holotypes, 791 paratypes, 2 lectotypes, 1 paralectotype and 5 syntypes of 97 nominal species. All information contained in the labels was compiled and is presented along with additional data taken from the original descriptions, MZSP records and other sources. We present also links to high resolution photographs of holotypes, lectotypes and syntypes uploaded to the Specimage, image database of the Ohio State University.

KEY-WORDS: Brazil; Insecta; Taxonomy; MZSP; Types list.

INTRODUCTION

The Hymenoptera collection of the Museu de Zoologia da Universidade de São Paulo (MZSP) originated in the early nineteenth century with specimens collected by Hermann von Lüderwaldt and Hermann von Ihering (Klingenberg & Brandão, 2005). At this time, the collection was stored at the Museu Paulista which housed a plethora of specimens and objects from different natural history branches including archeology, botany, ethnology, mineralogy and zoology (Landim, 2011).

In 1925, a Zoology section was created inside the Museu Paulista, which was transferred to the Secretary of Agriculture and Commerce of São Paulo State as a Department of Zoology, marked by the beginning of the construction of a dedicated building in

1939. After three years of construction, the Department of Zoology and its collections were allocated in the new building. Only in 1969 the Department was incorporated to the University of São Paulo, adopting the current name of Museu de Zoologia da Universidade de São Paulo (Klingenberg & Brandão, 2005).

Throughout the years, the collection increased in size and importance due to the efforts of many collaborators, acquisition of smaller collections, deposit of material from other institutions and by researchers and as a result of Biota/FAPESP and INCT-HYMPAR/Sudeste (CNPq/FAPESP) programs (Onody *et al.*, 2014).

The International Commission on Zoological Nomenclature (1999) recommendation 72F.4 states that lists containing name-bearing types should be published by institutions that house them or have them in possession or custody. Catalogues of ants

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(Brandão, 1991; Klingenberg & Brandão, 2005; Brandão *et al.*, 2010; Esteves *et al.*, 2011; Prado & Brandão, 2013; Ulysséa & Brandão, 2013; Ulysséa *et al.*, 2015), bees (Ramos *et al.*, 2015) and “Symphyta” & “Parasitica” wasps (Onody *et al.*, 2014) were issued in order to accomplish this recommendation. We present here the first compiled list of Chrysidoidea wasps type specimens deposited in the Museu de Zoologia da Universidade de São Paulo.

MATERIAL AND METHODS

This catalogue contains all Chrysidoidea primary and secondary types deposited in the Museu de Zoologia da Universidade de São Paulo. Species are organized by families followed by subfamilies, tribes, genera and species always in alphabetical order. Binomial current valid names are given for each species followed by the author's name, year and page of original publication.

In order to avoid unnecessary movement of primary types, we include full resolution photographs uploaded to Specimage website (<http://specimage.osu.edu>) database of Ohio's State University. Those images were obtained with a Leica DFC 295 video camera attached to a Leica M205C magnifying stereoscope. We used Leica LAS (Leica Application Suite V3.6.0) and Helicon Focus (version 6.0.18) to assemble the series of images taken at different focus distances by z-stacking method. Small adjustments on the assembled photographs were made using commercial softwares.

All information given was retrieved from label data and organized according to the following sequence: type category, number and sex of specimens, current MZSP unique identifier number, locality (COUNTRY, State/Province, city, other locality details including coordinates), date of collecting, collections technique, collector's name and the original taxon name if applicable. Additional information is provided in order to facilitate the understanding of abbreviated or misspelled information, gathered from original papers, MZSP registers and other sources; data not included in labels is presented between brackets. Missing information is indicated by a question symbol.

RESULTS

The Chrysidoidea collection includes a total of 873 types-specimens (75 holotypes, 791 paratypes, 2 lectotypes, 1 paralectotype and 5 syntypes) of 4 families, 19 genera and 97 species.

Chrysidoidea Bethylinae Bethylinae *Goniozus* Foerster, 1856

Goniozus microstigma Evans, 1993: 262 (In Melo & Evans, 1993)

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2000201>)

Holotype: ♀ (#MZSP 00201), BRASIL, M[inas] G[erais], Viçosa, 30.xi.1990, encontrado em ninhos de *Microstigma* (orifício em caibro), Cisterna (U[universidade]F[ederal de]V[içosa]), G.A.R. Melo.

Paratypes: 1 ♀ (#MZSP 00202), same data as holotype except 24.xi.1990, nascido de pupa coletada em ninho de *Microstigma*; 1 ♀ (#MZSP 00203) same data except 15.iii.1991, *Microstigma* de madeira; 1 ♀ (#MZSP 00204) same data except 26.xi.1991, caminhando sobre esteio, Mata do Paraíso; 1 ♀ (#MZSP 00205) same data except 29.xi.1991, caminhando sobre esteio, Mata do Paraíso (casa do Sr. R. Stanciola).

Epyrinae Epyrini *Anisepyris* Kieffer, 1905

Anisepyris basilongus Santos, 2008: 329 (In Santos & Azevedo, 2008)

Paratype: 1 ♂ (#MZSP 00247), BRASIL, E[spírito] S[anto], S[an]ta Teresa, Res[erva] Bio[lógica] S[an]ta Lúcia, 810 m, 19°58'18.5"S 40°32'07.6"W, arm[adilha] Malaise, Trilha 3, 06-09.iv.2001, C.O. Azevedo e eq[uipe] col.

Anisepyris carinatus Santos & Azevedo, 2000: 142

Paratypes: 1 ♂ (#MZSP 00259), BRASIL, B[ahi]A, S[an]ta Rita de Cássia, 17.vii.1991, S.T.P. Amarante & C.F. Martins col; 1 ♂ (#MZSP 00260), BRASIL, M[inas] Gerais, Passos, iii.1964, C.T. Elias col.

Anisepyris foveapertus Santos, 2008: 331 (In Santos & Azevedo, 2008)

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2000282>)

Holotype: ♀ (#MZSP 00282), BRASIL, B[ahi]A, Porto Seguro, Est[ação] Ecol[ógica] Pau Brasil, 16°23'17.6"S 39°10'55"W, 20.v.2002. Möricke, C.O. Azevedo & eq[uipe] col.

Paratypes: 1 ♀ (#MZSP 00283), same data as holotype; 1 ♀ (#MZSP 00284), BRASIL, E[spírito] S[anto], Linhares, Res[erva] Biol[ógica] Sooretama, 19°00'11.5"S 40°07'08"W, 21-24.iii.2002, Malaise, C.O. Azevedo & eq[uipe] col.

***Anisepyris ramosus* Santos, 2008: 338**

(**In Santos & Azevedo, 2008**)

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2000317>)

Holotype: ♂ (#MZSP 00317), BRASIL, B[ahi]A, Porto Seguro, Est[ação] Ecol[ógica] Pau BRASIL, 16°23'17.6"S 39°10'55"W, 16.v.2002, Varredura, C.O. Azevedo e eq[uipe] col.

Paratypes: 3 ♂ (#MZSP 00322-00324) same data as holotype; 1 ♂ (#MZSP 00325), BRASIL, S[ergipe], S[an]ta Luzia do Itanh, Crasto, 11°22'37.4"S 37°24'50.3"W, 01-04.viii.2002, Malaise, M.T. Tavares & eq[uipe] col.; 4 ♂ (#MZSP 00318-00321), BRASIL, AL [agoas] Quebrangulo, Res[erva] Biol[ógica] da Pedra Talhada, 09°14'54"S 36°25'32"W, 11-14.ix.2002, Mörické, Pentead-Dias & eq[uipe] col.

***Bakeriella* Kieffer, 1910**

***Bakeriella grossensis* Azevedo, 1994: 147**

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2000346>)

Holotype: ♀ (#MZSP 00346), BRAZIL, M[ato] G[rosso], Barra do Tapirapé, xii.1960, B. Malkin, col.

***Chlorepypis* Kieffer, 1905**

Chlorepypis unifoveatus

(**Rosmann & Azevedo, 2005**): 400

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2055662>)

Holotype: ♂ (#MZSP 55662) E[spírito] S[anto], Linhares, Res[erva] Biol[ógica] de Sooretama, 22.iii.2002, 19°00'11.5"S 40°07'08"W, Varredura, C.O. Azevedo & eq[uipe]. col.

Original name: *Rhabdepyris (Chlorepypis) unifoveatus* Rosmann & Azevedo, 2005: 400.

Chlorepypis sulcatus

(**Rosmann & Azevedo, 2005**): 402

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2055661>)

Holotype: ♀ (#MZSP 55661); BRASIL, B[ahi]A, Porto Seguro, Est[ação] Ecol[ógica] Pau Brasil, 20.v.2002,

16°23'17.5"S 39°10'10.55"W, armadilha Malaise, C.O. Azevedo & eq[uipe]. col.

Original name: *Rhabdepyris (Chlorepypis) sulcatus* Rosmann & Azevedo, 2005: 402.

Chlorepypis circinnatus

(**Rosmann & Azevedo, 2005**): 403

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2055660>)

Holotype: ♂ (#MZSP 55660) BRASIL, E[spírito] S[anto], Linhares, Res[erva] Biol[ógica] de Sooretama, 24-27.iii.2002, 19°00'11.5"S 40°07'08"W, armadilha Malaise, C.O. Azevedo & eq[uipe]. col.

Original name: *Rhabdepyris (Chlorepypis) circinnatus* Rosmann & Azevedo, 2005: 403.

***Laelius* Ashmead, 1893**

***Laelius muesebecki* (Evans, 1965): 74**

Paratype: ♀ (#MZSP 00436), COSTA RICA, S[an] José, 1940 H. Schmidt.

Original name: *Rhabdepyris muesebecki* Evans, 1965: 74.

Scleroderminae

***Sclerodermus* Latreille, 1809**

***Sclerodermus spilonotum* Evans, 1968: 104**

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2000499>)

Holotype: ♀ (#MZSP 00499), BRASIL, S[ão] P[aulo], São Paulo, 01-15.xi.1967, K. Lenko col.

Paratypes: 6 ♀ (#MZSP 00500-00505), same data as holotype.

Pristocerinae

***Apenesia* Westwood, 1874**

***Apenesia atlantica* Corrêa & Azevedo, 2006: 441**

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2055659>)

Holotype: ♂ (#MZSP 55659), BRASIL, R[io] de J[aneiro], S[an]ta Maria Madalena, Parque Estadual de Desengano, 21°59'03"S 41°57'08"W, 16-19. iv.2002, Malaise, A.M. Pentead-Dias e eq[uipe] col.

Paratypes: 1 ♂ (#MZSP 00518), same data as holotype; 1 ♂ (#MZSP 00519) same data except Mörické.; 1 ♂ (#MZSP 00520) same data except 21°59'03.9"S

41°57'08.4"W, 19-22.iv.2002, Malaise, A.M. Pentead-Dias e eq[uipe] col.; 1 ♂ (#MZSP 00511), BRASIL, E[spírito] S[anto], S[an]ta Teresa, Res[erva] Biol[ógica] S[an]ta Lúcia, 867 m, 19°58'37.3"S 40°32'22.5"W, arm[adilha] Malaise, Bosque 1, 06-09.iv.2001, C.O. Azevedo e eq[uipe] col.; 5 ♂ (#MZSP 00512-00515, 00517), same data except 638 m, 19°58'25.2"S 40°32'44.6"W, Varredura, 07-11.iv.2001; 1 ♂ (#MZSP 00516) same data except 19°58'10.5"S 40°32'10.3"W, arm[adilha] Malaise, ponto 5, 09-12.iv.2001, C.O. Azevedo e equipe col.

***Apenesia exigua* Corrêa & Azevedo, 2006: 444**

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2055656>)

Holotype: ♂ (#MZSP 55656), BRASIL, E[spírito] S[anto], Santa Teresa, Est[ação] Biol[ógica] S[an]ta Lúcia, 19°58'21.1"S 40°32'05.5"W, 07.iv.2001, Varredura, C.O. Azevedo e eq[uipe] col.

***Apenesia hepatica* Corrêa & Azevedo, 2006: 447**

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2055657>)

Holotype: ♂ (#MZSP 55657), BRASIL, B[ahi] A, Sapiranga, Reserva de Sapiranga 12°33'38.5"S 38°02'57.2"W, arm[adilha] Malaise, Trilha 6, 22-25.vii.2001, M.T. Tavares e eq[uipe] col.

Paratypes: 2 ♂ (#MZSP 00713, 00714), same data as holotype except 12°33'36.4"S 38°02'57.2"W, Trilha 5, 19-22.vii.2001; 1 ♂ (#MZSP 00715), same data except 12°33'24.1"S 38°03'04.7"W, arm[adilha] Möricke, Bosque 7, 20-23.vii.2001; 1 ♂ (#MZSP 00716) same data except 12°33'40.1"S 38°02'43.2"W, Varredura, Amostra 8, 22.vii.2001; 1 ♂ (#MZSP 00717) same data except 12°33'27.7"S 38°03'06.6"W, arm[adilha] Möricke, Bosque 6, 20-23.vii.2001; 1 ♂ (#MZSP 00718), BRASIL, same data except 12°33'39.6"S 37°25'04.4"W, Trilha 1, 22-25.vii.2001; 4 ♂ (#MZSP 00719-00722), BRASIL, S[ergip]E, S[an]ta Luzia do Itahy, Crasto, 11°22'37.4"S 37°24'50.3"W, 29.vii-04.viii.2001, Malaise, M.T. Tavares e eq[uipe] col.

***Apenesia patens* Corrêa & Azevedo, 2006: 445**

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2055655>)

Holotype: ♂ (#MZSP 55655), BRASIL, AL[agoas], Quebrangulo, Res[erva] Biol[ógica] Pedra Talhada, 08-11.ix.2002, Malaise, Pentead-Dias e eq[uipe] col.

Paratypes: 1 ♂ (#MZSP 00724), BRASIL, B[ahi] A, Sapiranga, Reserva de Sapiranga 12°33'36.4"S

38°02'57.2"W, arm[adilha] Malaise, Trilha 5, 19-22.vii.2001, M.T. Tavares e eq[uipe] col.; 1 ♂ (#MZSP 00725) BRASIL, S[ergip]E, S[an]ta Luzia do Itahy, Crasto, 11°22'37.4"S 37°24'50.3"W, 31.vii.2001, Varredura, M.T. Tavares e eq[uipe] col.

***Apenesia pectinata* Corrêa & Azevedo, 2006: 441**

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2055658>)

Holotype: ♂ (#MZSP 55658), BRASIL, E[spírito] S[anto], Res[erva] Biol[ógica] Sooretama, 19°00'11.5"S 40°07'08"W, 22.iii.2002, Varredura, C.O. Azevedo e eq[uipe] col.

Paratypes: 1 ♂ (#MZSP 00726), BRASIL, B[ahi] A, Porto Seguro, Est[ação] Ecol[ógica] Pau Brasil, 16°23'17.6"S 39°10'55"W, 17.v.2002, Malaise, C.O. Azevedo e eq[uipe] col.; 1 ♂ (#MZSP 00727), same data as holotype.

***Apenesia simplex* Corrêa & Azevedo, 2006: 447**

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2055654>)

Holotype: ♂ (#MZSP 55654), BRASIL, E[spírito] S[anto], Santa Teresa, Est[ação] Biol[ógica], S[an]ta Lúcia, 642 m, 19°58'25.5"S 40°31'44.6"W, 08.iv.2001, Varredura, pt. 31, C.O. Azevedo e equipe col.

Paratype: 1 ♂ (#MZSP 00743), same data as holotype.

***Dissomphalus* Ashmead, 1893**

Dissomphalus amplexus

Redighieri & Azevedo, 2006: 329

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2000802>)

Holotype: ♂ (#MZSP 00802), BRASIL, S[anta] C[atarina], São Bento do Sul, C[entro de] E[studo de] P[esquisa] A[m]biental Rugendas, 26°19'25.6"S 49°18'26.5"W, 16-19.x.2001, Malaise, Pentead-Dias & equipe col.

Paratypes: 2 ♂ (#MZSP 00806, 00807), same data as holotype; 1 ♂ (#MZSP 00805) same data as holotype except 13-16.x.2001, Möricke; 1 ♂ (#MZSP 00803), BRASIL, P[a]R[aná], Morretes, Parque Est[adual] do Pau Oco, 25°34'27.5"S 48°53'33"W, 09.iv.2002, Varredura, M.T. Tavares e eq[uipe] col.; 1 ♂ (#MZSP 00804), same data except 10-13.iv.2002, Malaise.

Comments: original publication reported 8 types deposited at MZSP, however 2 paratypes are deposited at UFES.

Dissomphalus amplifoveatus
Redighieri & Azevedo, 2006: 326

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2000808>)

Holotype: ♂ (#MZSP 00808), BRASIL, P[ara]í B[a], João Pessoa, Mata do Buraquinho 07°08'25"S 34°51'38"W, arm[adilha] Malaise, 28-31.vii.2002, S.T.P. Amarante e eq[uipe] col.

Paratypes: 15 ♂ and 1 (?) (#MZSP 00819-00834) same data as holotype; 7 ♂ (#MZSP 00812-00818) same data as holotype except 25-28.vii.2002; 2 ♂ (#MZSP 00835, 00836), BRASIL, PE[rnambuco], Recife, Parque dos Dois Irmãos, 08°00'37.7"S 34°56'31"W, arm[adilha] Malaise, 17-23.vii.2002, S.T.P. Amarante e eq[uipe] col.; 3 ♂ (#MZSP 00809-00811), BRASIL, AL[agoas], Quebrangulo, Res[erva] Biol[ógica] Pedra Talhada, 08-11.ix.2002, Malaise, Pentead-Dias e eq[uipe] col.; 1 ♂ (#MZSP 00840), BRASIL, SE[rgipe], S[ant]ta Luzia do Itahy, Crasto, 11°22'37.4"S 37°24'50.3"W, 01-04.viii.2001, Malaise, M.T. Tavares e eq[uipe] col.; 3 ♂ (#MZSP 00837-00829), BRASIL, R[io] de J[aneiro], Nova Iguaçu, Res[erva] Biol[ógica] do Tinguá, 22°34'32"S 43°26'05"W, 05-11.iii.2002, S.T.P. Amarante e eq[uipe] col.; 1 ♂ (#MZSP 00841), BRASIL, S[ão] P[aulo], Ribeirão Grande P[ar]q[ue] Est[adual] Intervalles, 24°18'16"S 48°21'53"W, 13-16.xii.2000, Malaise, M.T. Tavares e eq[uipe] col.

Comments: original publication reported 50 types deposited at MZSP, however 16 paratypes are deposited at UFES.

Dissomphalus amplus
Redighieri & Azevedo, 2006: 331

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2000842>)

Holotype: ♂ (#MZSP 00842), BRASIL, E[spírito] S[anto], S[an]ta Teresa, Res[erva] Biol[ógica] S[an]ta Lúcia, 755 m, 19°58'18.7"S 40°32'11.9"W, arm[adilha] Möricke, Trilha 7, 09-12.iv.2001, C.O. Azevedo e eq[uipe] col.

Paratypes: 2 ♂ (#MZSP 00844, 00846) same data as holotype except 19°58'21.1"S 40°32'05.5", 07.iv.2001, Varredura; 1 ♂ (#MZSP 00845), same data as holotype except 19°58'25.2"S 40°31'44.6"W, 07.iv.2001, Varredura; 1 ♂ (#MZSP 00842), BRASIL, E[spírito] S[anto], Linhares, Res[erva] Biol[ógica] Sooretama, 19°00'11.5"S 40°31'44.6"W, 24-27.iii.2002, Möricke, C.O. Azevedo e eq[uipe] col.; 1 ♂ (#MZSP 00847), BRASIL, R[io] de J[aneiro], Nova

Iguaçu, Res[erva] Biol[ógica] do Tinguá, 22°34'28"S 43°26'09"W, 08-11.iii.2002, Malaise, S.T.P. Amarante e eq[uipe] col.; 1 ♂ (#MZSP 00848), BRASIL, S[anta] C[atarina], São Bento do Sul, C[entro] de E[studo] de P[esquisa] A[mbiental] Rugendas, 26°19'25.6"S 49°18'26.5"W, 13-16.x.2001, Möricke, A.M. Pentead-Dias e eq[uipe] col.

Comments: original publication reported 10 types deposited at MZSP, however 3 paratypes are deposited at UFES.

Dissomphalus bahiensis
Redighieri & Azevedo, 2006: 329

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2000858>)

Holotype: ♂ (#MZSP 00858), BRASIL, BA[hia], Porto Seguro, Est[ação] Ecol[ógica] Pau Brasil, 16°23'17.6"S 39°10'55"W, 17.v.2002, Malaise, C.O. Azevedo e eq[uipe] col.

Paratype: 1 ♂ (#MZSP 00859), same data as holotype except 20.v.2002.

Comments: original publication reported 3 types deposited at MZSP, however 1 paratype is deposited at UFES.

***Dissomphalus cervoides* Azevedo, 2003: 30**

Paratypes: 2 ♂ (#MZSP 00924, 00925), BRASIL, AM[azônia], Estirão do Equador, ix.1979, Alvarenga.

***Dissomphalus claviger* Evans, 1964: 59**

Paratypes: 3 ♀ (#MZSP 00926-00928), BRASIL, [Rio Grande do Sul], Erechim, 27°35'S 52°15'W, 750 m, vii. [19]60, Fritz Plaumann; 3 ♀ (#MZSP 00930-00932), BRAZIL, [Santa Catarina], Chapecó, 27°07'S 52°36'W, 600 m, viii. [19]60, Fritz Plaumann; 1 ♀ (#MZSP 00929), [BRASIL], S[anta] C[atarina], Chapecó, v.1957. F. Plaumann; 1 ♀ (#MZSP 00934) BRASIL, [Santa Catarina], Nova Teutonia, 27°14'S 52°23'W, 300-500 m, vii.1959, Fritz Plaumann; 1 ♀ (#MZSP 00933) same data except vi.1959; 5 ♀ (#MZSP 00935-00939), BRAZIL, Santa Catarina, Nova Teutonia, Fritz Plaumann.

***Dissomphalus connubialis* Evans, 1966: 106**

Paratypes: 2 ♂ (#MZSP 01021-01022), BRAZIL, [Santa Catarina], Nova Teutonia, 27°11'S 52°23'W, iii.1945, Fritz Plaumann; 1 ♂ (#MZSP 01023) same

data except iii.1952; 1 ♂ (#MZSP 01024) same data except 16.xi.1962.

Dissomphalus crassus

Redighieri & Azevedo, 2006: 314

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2001122>)

Holotype: ♂ (#MZSP 01122), BRASIL, S[ão] P[aulo], Ubatuba, P[ar]que Est[adual] da Serra do Mar Núcleo Picinguaba, 23°21'43"S 44°49'22"W, 24-27.i.2002, Malaise, N.W. Perioto e equipe col.

Paratypes: 1 ♂ (#MZSP 01123), BRASIL, E[spírito] S[anto], Linhares, Res[erva] Bio[ológica] Sooretama, 19°00'11.5"S 40°07'08"W, 06.vi.2002, Varredura, C.O. Azevedo e eq[uipe] col.; 1 ♂ (#MZSP 01124), BRASIL, E[spírito] S[anto], S[an]ta Teresa, Res[erva] Bio[ológica] S[an]ta Lúcia, 867 m, 19°58'19.5"S 40°32'10.3"W, arm[adilha] Malaise, 06-09.iv.2001, C.O. Azevedo e eq[uipe] col.; 1 ♂ (#MZSP 01125), BRASIL, R[io de] J[aneiro], S[an]ta Maria Madalena, Parque Estadual de Desengano, 21°59'03"S 41°57'08"W, 19-22.iv.2002, Malaise, A.M. Pentead-Dias e eq[uipe] col.

Comments: original publication reported 5 types deposited at MZSP, however 1 paratype is deposited at UFES.

Dissomphalus differens

Redighieri & Azevedo, 2006: 322

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2001129>)

Holotype: ♂ (#MZSP 01129), BRASIL, E[spírito] S[anto], S[an]ta Teresa Res[erva] Bio[ológica] S[an]ta Lúcia, 19°58'18.5"S 40°32'07.6"W, arm[adilha] Malaise, 06-12.iv.2001, C.O. Azevedo e eq[uipe] col.

Paratypes: 4 ♂ (#MZSP 01131, 01136, 01144, 01148), same data as holotype; 8 ♂ (#MZSP 01132-01135, 01143, 01145-01147), same data as holotype except 19°58'16.7"S 40°32'06.9"W; 3 ♂ (#MZSP 01136, 01137, 01139), same data as holotype except 19°58'21.1"S 40°32'05.5"W, Varredura; 7 ♂ (#MZSP 01140-01142, 01150, 01152-01154), same data as holotype except 19°58'25.2"S 40°32'06.9"W, Varredura; 1 ♂ (#MZSP 01149), same data as holotype except 19°58'36"S 40°32'06.4"W, Varredura; 1 ♂ (#MZSP 01130), same data as holotype except 19°58'37.3"S 40°32'22.5"W; 1 ♂ (#MZSP 01151), same data as holotype except 19°58'39.2"S 40°32'06.6"W, Varredura; 3 ♂ (#MZSP 01155-01157), BRASIL, R[io de] J[aneiro], Nova Iguaçu, Res[erva] Biol[ógica] do Tinguá,

22°34'37"S 43°26'05"W, 05-11.iii.2002, Malaise, S.T.P. Amarante e eq[uipe] col.; 1 ♂ (#MZSP 01158), BRASIL, R[io de] J[aneiro], S[an]ta Maria Madalena, Parque Estadual do Desengano, 21°59'03"S 41°57'08"W, 16-19.iv.2002, Malaise, A.M. Pentead-Dias e eq[uipe] col.; 1 ♂ (#MZSP 01159), BRASIL, S[ão] P[aulo], Peruíbe, E[stação] E[cológica] Juréia-Itatins, 24°31'06"S 47°12'06"W, 30.iv.2002, Varredura, N.W. Perioto e eq[uipe] col.; 1 ♂ (#MZSP 01160), same data except 03.v.2002, Malaise; 5 ♂ (#MZSP 01161-01165), BRASIL, S[ão] P[aulo], Salesópolis, Est[ação] Biol[ógica] de Boracéia, 23°39'06.5"S 45°53'48"W, 30.iii-05.iv.2001, Malaise, S.T.P. Amarante e eq[uipe] col.; 1 ♂ (#MZSP ?), same data except 30.iii-02.iv.2001; 3 ♂ (#MZSP 01167-01169), BRASIL, S[ão] P[aulo], Ubatuba P[ar]que Est[adual] da Serra do Mar Núcleo Picinguaba, 23°21'43"S 44°49'22"W, 24-27.i.2002, Malaise, N.W. Perioto e eq[uipe] col.; 1 ♂ (#MZSP 01166) same data except 21.i.2001, Varredura.

Comments: original publication reported 62 types deposited at MZSP, however 20 paratypes are deposited at UFES.

Dissomphalus distans

Redighieri & Azevedo, 2006: 314

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2001170>)

Holotype: ♂ (#MZSP 01170), BRASIL, S[ao] P[aulo], Salesópolis, Est[ação] Biol[ógica] de Boracéia, 23°39'06.5"S 45°53'48"W, 30.iii-02.iv.2001

Paratypes: 8 ♂ (#MZSP 01173-01180), same data as holotype; 5 ♂ (#MZSP 01181-01185), same data as holotype except 01.iv.2001, Varredura; 1 ♂ (#MZSP 01172), BRASIL, S[ão] P[aulo], Ribeirão Grande, P[ar]q[ue] Est[adual] Intervalles, 24°17'34"S 48°22'03"W, 12.xii.2000, Varredura, M.T. Tavares e eq[uipe] col.; 1 ♂ (#MZSP 01171), BRASIL, S[anta] C[atarina], São Bento do Sul, C[entro de] E[studo de] P[esquisa] A[mbiental], 26°19'25.6"S 49°18'26.5"W, 16-19.x.2001, Malaise, Pentead-Dias e eq[uipe] col.

Comments: original publication reported 24 types deposited at MZSP, however 8 paratypes are deposited at UFES.

Dissomphalus divisus

Redighieri & Azevedo, 2006: 312

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2001186>)

Holotype: ♂ (#MZSP 01186), BRASIL, P[ar]a[na]í, Morretes, Parque Est[adual] do Pau Oco, 25°34'27.5"S

48°53'33"W, 10-13.iv.2002, Malaise, M.T. Tavares e eq[uipe] col.

Paratype: 1 ♂ (#MZSP 01187), same data as holotype.

Dissomphalus elegans

Redighieri & Azevedo, 2006: 330

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2001188>)

Holotype: ♂ (#MZSP 01188), BRASIL, SE[rgipe], S[an]ta Luzia do Itanhy, Crasto, 11°22'37.4"S 37°24'50.3"W, 01-04.viii.2002, Malaise, M.T. Tavares e eq[uipe] col.

Paratypes: 2 ♂ (#MZSP 01201, 01202), same data as holotype except 29.vii-01.vii.2001; 1 ♂ (#MZSP 01200), BRASIL, PE[rnambuco], Recife, Parque dos Dois Irmãos, 08°00'37.7"S 34°56'31"W, 17-20.vii.2002, Malaise, S.T.P. Amarante e eq[uipe] col.; 5 ♂ (#MZSP 01195-01199), BRASIL, P[ara]íB[a], João Pessoa, Mata do Buraquinho, 07°08'25"S 34°51'38"W, 25-31.vii.2002, Malaise, S.T.P. Amarante e eq[uipe] col.; 2 ♂ (#MZSP 01192, 01193) BA[hia], Sapiroanga, Reserva de Sapiroanga, 12°33'36.4"S 38°02'57.2"W, arm[adilha] Malaise, 19-22.vii.2001, M.T. Tavares e eq[uipe] col.; 2 ♂ (#MZSP 01194, 01191), same data except 12°33'37.2"S 38°02'55.3"W, 19-25.vii.2001; 1 ♂ (#MZSP 01190) same data except 12°33'40.1"S 38°02'53.5"W; 1 ♂ (#MZSP 01189) same data except 12°32'08.9"S 38°03'17.0"W, Varredura, 24.vii.2001.

Comments: original publication reported 24 types deposited at MZSP, however 9 paratypes are deposited at UFES.

Dissomphalus excellens

Redighieri & Azevedo, 2006: 327

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2001203>)

Holotype: ♂ (#MZSP 01203), BRASIL, S[ão] P[aulo], Salesópolis, Est[ação] Biol[ógica] de Boracéia, 23°39'06.5"S 45°53'48"W, 02-05.iv.2001, Malaise, S.T.P. Amarante e eq[uipe] col.

Paratypes: 1 ♂ (#MZSP 01208), same data as holotype; 3 ♂ (#MZSP 01205-01207), same data as holotype except 30.iii-02.iv.2001; 1 ♂ (#MZSP 01204), BRASIL, R[io] de J[aneiro], S[an]ta Maria Madalena, Parque Estadual de Desengano, 21°59'03"S 41°57'08"W, 19-22.iv.2002, Malaise, A.M. Pentead-Dias e eq[uipe] col.; 1 ♂ (#MZSP ?), BRASIL, E[spírito] S[anto], S[an]

ta Teresa, Res[erva] Biol[ógica] S[an]ta Lúcia, 867 m, 19°58'37.3"S 40°32'22.5"W, arm[adilha] Malaise, 09-12.iv.2001, C.O. Azevedo e eq[uipe] col.

Comments: original publication reported 9 types deposited at MZSP, however 2 paratypes are deposited at UFES.

Dissomphalus filiformis

Redighieri & Azevedo, 2006: 315

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2001255>)

Holotype: ♂ (#MZSP 01255), BRASIL, S[ão] P[aulo], Salesópolis, Est[ação] Biol[ógica] de Boracéia, 23°39'06.5"S 45°53'48"W, 30.iii-02.iv.2001, Malaise, S.T.P. Amarante e eq[uipe] col.

Paratype: 1 ♂ (#MZSP 01256), BRASIL, R[io] de J[aneiro], Nova Iguaçu, Res[erva] Biol[ógica] do Tinguá, 22°34'40"S 43°26'07"W, 09-12.iii.2002, S.T.P. Amarante e eq[uipe] col.

Comments: original publication reported 3 types deposited at MZSP, however 1 paratype is deposited at UFES.

Dissomphalus fimbriatus

Redighieri & Azevedo, 2006: 324

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2001255>)

Holotype: ♂ (#MZSP 01257), BRASIL, E[spírito] S[anto], S[an]ta Teresa, Res[erva] Biol[ógica] S[an]ta Lúcia, 840 m, 19°58'16.7"S 40°32'06.9"W, arm[adilha] Malaise, 06-09.iv.2001, C.O. Azevedo e eq[uipe] col.

Paratypes: 1 ♂ (#MZSP 01258), same data as holotype; 5 ♂ (#MZSP 01260-01262, 01264, 01265), same data as holotype except 19°58'25.2"S 40°31'44.6"W, 06-11.iv.2001, Varredura; 1 ♂ (#MZSP 01263), same data as holotype except 19°58'36"S 40°32'06.4"W, 10.iv.2001, Varredura; 1 ♂ (#MZSP 01259), same data as holotype except 19°58'19.5"S 40°32'10.3"W, 06-09.iv.2001; 1 ♂ (#MZSP 01266) BRASIL, S[ão] P[aulo], Salesópolis, Est[ação] Biol[ógica] de Boracéia, 23°39'06.5"S 45°53'48"W, 30.iii-05.iv.2001, Malaise, S.T.P. Amarante e eq[uipe] col.

Comments: original publication reported 15 types deposited at MZSP, however 5 paratypes are deposited at UFES.

Dissomphalus firmus**Redighieri & Azevedo, 2006: 318**

(http://hol.osu.edu/spmInfo.html?id=MZSP%2001267)

Holotype: ♂ (#MZSP 01267), BRASIL, S[ão] P[aulo], Ribeirão Grande P[ar]q[ue] Est[adual] Intervalles 24°18'16"S 48°21'53"W, 13-16.xii.2000, Malaise, M.T. Tavares e eq[uipe] col.

Paratypes: 5 ♂ (#MZSP 01277-01281), same data as holotype, 1 ♂ (#MZSP 01282), same data as holotype, except 24°17'34"S 48°22'03"W, 12.xii.2000, Varredura; 1 ♂ (#MZSP 01283), same data as holotype, except 13-16.xii.2000; 7 ♂ (#MZSP 01270-01276), BRASIL, S[anta] C[atarina], São Bento do Sul, C[entro de] E[studo de] P[esquisa] A[m]bienta]l Rugendas, 26°19'25.6"S 49°18'26.5"W, 13-19.x.2001, Malaise, Penteadó-Dias e eq[uipe] col.; 1 ♂ (#MZSP 01269), BRASIL, P[a]R[aná], Morretes, Parque Est[adual] do Pau Oco, 25°34'27.5"S 48°53'33"W, 10-13.iv.2002, Malaise, M.T. Tavares e eq[uipe] col.; 1 ♂ (#MZSP 01268), BRASIL, E[spírito] S[anto], Santa Teresa, Res[erva] Biol[ógica] S[an]ta Lúcia, 638 m, 19°58'25.2"S 40°32'44.6"W, Varredura, 07.iv.2001, C.O. Azevedo e eq[uipe] col.

Comments: original publication reported 25 types deposited at MZSP, however 8 paratypes are deposited at UFES.

***Dissomphalus gigantus* Azevedo, 1999: 341**

Paratype: 1 ♂ (#MZSP 01284), BRASIL, Amapá, Serra do Navio, ix.1957, J. Lane leg.

***Dissomphalus gordus* Azevedo, 2003: 46**

Paratypes: 2 ♂ (#MZSP 01327, 01328), BRASIL, S[ão] P[aulo], Salesópolis, E[stação] B[iológica] B[oracéia], 05.vii-06.ix.1997, Malaise, Laboratório, C.I. Yamamoto col.

Dissomphalus inclínatus**Redighieri & Azevedo, 2006: 311**

(http://hol.osu.edu/spmInfo.html?id=MZSP%2001399)

Holotype: ♂ (#MZSP 01399), BRASIL, E[spírito] S[anto], S[an]ta Teresa, Res[erva] Biol[ógica] S[an]ta Lúcia, 867 m, 19°58'37.3"S 40°32'22.5"W, arm[adilha] Malaise, 06-09.iv.2001, C.O. Azevedo e eq[uipe] col.

Paratypes: 1 ♂ (#MZSP 01400), same data as holotype except 19°58'19.5"S 40°32'10.3"W; 1 ♂ (#MZSP

01401), BRASIL, P[a]R[aná], Morretes, Parque Est[adual] do Pau Oco, 25°34'27.5"S 48°53'33"W, 07-10.iv.2002, Malaise, M.T. Tavares e eq[uipe] col.; 1 ♂ (#MZSP 01402), BRASIL, S[anta] C[atarina], São Bento do Sul, C[entro de] E[studo de] P[esquisa] A[m]bienta]l Rugendas, 26°19'25.6"S 49°18'26.5"W, 16-19.x.2001, Malaise, Penteadó-Dias e eq[uipe] col.; 2 ♂ (#MZSP 01403, 01404), BRASIL, S[ão] P[aulo], Peruíbe, E[stação] E[cológica] Juréia-Itatins, 24°31'06"S 47°12'06"W, 03-06.v.2002, Malaise, N.W. Perioto e eq[uipe] col.

Comments: original publication reported 8 types deposited at MZSP, however 2 paratypes are deposited at UFES.

Dissomphalus inflexus**Redighieri & Azevedo, 2006: 316**

(http://hol.osu.edu/spmInfo.html?id=MZSP%2001410)

Holotype: ♂ (#MZSP 01410), BRASIL, R[io] de J[aneiro], Nova Iguaçu, Res[erva] Biol[ógica] do Tinguá, 22°34'32"S 43°26'07.5"W, 07.iii.2002, Varredura, S.T.P. Amarante e eq[uipe] col.

Paratypes: 3 ♂ (#MZSP 01411, 01413), same data as holotype; 2 ♂ (#MZSP 01414, 01415), same data as holotype except, 22°34'35"S 43°26'10"W, 08.iii.2002.

Comments: original publication reported 8 types deposited at MZSP, however 2 paratypes are deposited at UFES.

Dissomphalus lamellatus**Redighieri & Azevedo, 2006: 323**

(http://hol.osu.edu/spmInfo.html?id=MZSP%2001441)

Holotype: ♂ (#MZSP 01441), BRASIL, P[arar] B[a], João Pessoa, Mata do Buraquinho 07°08'25"S 34°51'38"W, arm[adilha] Malaise, 28-31.vii.2002, S.T.P. Amarante e eq[uipe] col.

Paratypes: 25 ♂ (#MZSP 01444-01467, #MZSP ?), same data as holotype; 30 ♂ (#MZSP 01468-01497), same data as holotype except 28-31.vii.2002; 2 ♂ (#MZSP 01442, 01443), BRASIL, AL [agoas], Quebrangulo, Res[erva] Biol[ógica] da Pedra Talhada, 11-14.ix.2002, Penteadó-Dias & eq[uipe] col.; 1 ♂ (#MZSP 01498), BRASIL, PE[rnambuco], Recife, Parque dos Dois Irmãos, 08°00'37.7"S 34°56'31"W, arm[adilha] Malaise, 20-23.vii.2002, S.T.P. Amarante e eq[uipe] col.

Comments: original publication reported 88 types deposited at MZSP, however 29 paratypes are deposited at UFES.

***Dissomphalus luscus* Evans, 1964: 55**

Paratype: 1 ♀ (#MZSP 01555), BRASIL, Santa Catarina, Nova Teutônia, Fritz Plaumann.

***Dissomphalus magnus*,
Redighieri & Azevedo, 2006: 324**

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2001557>)

Holotype: ♂ (#MZSP 01557), BRASIL, P[ara]í B[a], João Pessoa, Mata do Buraquinho 07°08'25"S 34°51'38"W, arm[adilha] Malaise, 25-28.vii.2002, S.T.P. Amarante e eq[uipe] col.

Paratypes: 6 ♂ (#MZSP 01558-01563) same data as holotype, 4 ♂ (#MZSP 01564-01567) same data as holotype except 28-31.vii.2002.

Comments: original publication reported 16 types deposited at MZSP, however 5 paratypes are deposited at UFES.

***Dissomphalus osseus* Alencar & Azevedo, 2008: 12**

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2001600>)

Holotype: ♂ (#MZSP 01600), BRASIL, AL [agoas] Quebrangulo, Res[erva] Biol[ógica] da Pedra Talhada, 11-14.ix.2002, Malaise, Pentead-Dias & eq[uipe] col.

Paratype: 1 ♂ (#MZSP 01601) same data as holotype.

***Dissomphalus peculiaris*
Redighieri & Azevedo, 2006: 328**

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2001602>)

Holotype: ♂ (#MZSP 01602), BRASIL, E[spírito] S[anto], S[an]ta Teresa, Res[erva] Biol[ógica] S[an]ta Lúcia, 867 m, 19°58'37.3"S 40°32'22.5"W, arm[adilha] Malaise, 09-12.iv.2001, C.O. Azevedo e eq[uipe] col.

Paratypes: 1 ♂ (#MZSP 01603), BRASIL, B[ahi] A, Ilhéus, Mata Esperança, 14°46'S 59°04'W, 15-18.v.2002, Malaise, Pentead-Dias e eq[uipe] col.; 1 ♂ (#MZSP 01606), BRASIL, R[io] de J[aneiro], Nova Iguaçu, Res[erva] Biol[ógica] do Tinguá, 22°34'28"S 43°26'09"W, 05-08.iii.2002, Malaise, S.T.P. Amarante e eq[uipe] col.; 2 ♂ (#MZSP 01604,

01605), same data except 22°34'37"S 43°26'05"W; 1 ♂ (#MZSP 01607) BRASIL, S[ão] P[aulo], Ribeirão Grande P[ar]q[ue] Est[adual] Intervalles, 10-13.xii.2000, Malaise, M.T. Tavares e eq[uipe] col.

Comments: original publication reported 9 types deposited at MZSP, however 3 paratypes are deposited at UFES.

***Dissomphalus perparvus*
Alencar & Azevedo, 2008: 15**

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2001608>)

Holotype: ♂ (#MZSP 01608), BRASIL, S[ergip] E, S[an]ta Luzia do Itahy, Crasto, 11°22'37.4"S 37°24'50.3"W, 29.vii-01.viii.2001, Malaise, M.T. Tavares e eq[uipe] col.

Paratypes: 5 ♂ (#MZSP 01610-01614), same data as holotype; 1 ♂ (#MZSP 01615), same data as holotype except 01-04.viii.2001; 1 ♂ (#MZSP 01609), BRASIL, B[ahi]A, Ilhéus, Mata Esperança, 14°46'S 59°04'W, 15-18.v.2002, Malaise, Pentead-Dias e eq[uipe] col.

Comments: original publication reported 12 types deposited at MZSP, however 4 paratypes are deposited at UFES.

***Dissomphalus personatus* Redighieri & Azevedo, 2006: 327**

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2001616>)

Holotype: ♂ (#MZSP 01616), BRASIL, P[a] R[an]á, Morretes, Parque Est[adual] do Pau Oco, 25°34'27.5"S 48°53'33"W, 10-13.iv.2002, Malaise, M.T. Tavares e eq[uipe] col.

Paratypes: 2 ♂ (#MZSP 01617, 01618), same data as holotype; 2 ♂ (#MZSP 01619, 01620), BRASIL, S[ao] P[aulo], Ubatuba, P[ar]que Est[adual] da Serra do Mar Núcleo Picinguaba, 23°21'43"S 44°49'22"W, 24-27.i.2002, Malaise, N.W. Periotto e equipe col.

Comments: original publication reported 7 types deposited at MZSP, however 2 paratypes are deposited at UFES.

***Dissomphalus perturbatus*
Alencar & Azevedo, 2008: 17**

Paratypes: 2 ♂ (#MZSP 01622, 01623), BRASIL, E[spírito] S[anto], S[an]ta Teresa, Res[erva] Bio[ológica]

S[an]ta Lúcia, 867 m, 19°58'19.5"S 40°32'10.3"W, arm[adilha] Malaise, 06-09.iv.2001, C.O. Azevedo e eq[uipe] col.; 1 ♂ (#MZSP 01621), same data as holotype except 19°58'37.3"S 40°32'22.5"W.

***Dissomphalus polidentatus* Azevedo, 1999: 321**

Paratypes: 2 ♂ (#MZSP 01823, 01824), BRASIL, A[ma]P[á], Serra do Navio, ix.1957, J. Lane Leg.

Dissomphalus refertus

Alencar & Azevedo, 2008: 22

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2002147>)

Holotype: ♂ (#MZSP 02147), BRASIL, R[io] de J[aneiro], Nova Iguaçu, Res[erva] Biol[ógica] do Tin-guá, 22°34'30"S 43°26'08.4"W, 05-08.iii.2002, Malaise, S.T.P. Amarante e eq[uipe] col.

***Dissomphalus scrupus* Evans, 1964: 61**

Paratypes: 1 ♀ (#MZSP 02167), BRASIL, [Santa Catarina], Nova Teutonia, 27°14'S 52°23'W, 300-500 m, vii.1959, Fritz Plaumann; 1 ♀ (#MZSP 02168), same data except xii.1964; 1 ♀ (#MZSP 02166), same data except i.1957; 1 ♀ (#MZSP 02165), same data except vi.1957; 1 ♀ (#MZSP 02163), BRASIL, [Rio Grande do Sul], Erechim, viii.1956, Fritz Plaumann; 1 ♀ (#MZSP 02164) same data except 27°35'S 52°15'W, 750 m, vii.[19]60, Fritz Plaumann; 1 ♀ (#MZSP 02169), BRAZIL [Santa Catarina], Ibicare, 27°09'S 51°18'W, 600 m, ix.[19]60, Fritz Plaumann.

Dissomphalus setosus

Redighieri & Azevedo, 2006: 319

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2002170>)

Holotype: ♂ (#MZSP 02170), BRASIL, E[spírito] S[anto], S[an]ta Teresa, Res[erva] Biol[ógica] S[an]ta Lúcia, 19°58'S 40°32'W, arm[adilha] Malaise, 06-09.iv.2001, C.O. Azevedo e eq[uipe] col.

Paratypes: 28 ♂ (#MZSP 02172-02199), same data as holotype; 60 ♂ (#MZSP 02200-02257, 02343, #MZSP ?) same data as holotype except 07.iv.2001, Varredura; 20 ♂ (#MZSP 02258-02277) same data as holotype except 08.iv.2001, Varredura; 20 ♂ (#MZSP 02278-02295, 02344, MZSP ?) same data as holotype except 09-12.iv.2001, Varredura; 1 ♂ (#MZSP 02296) same data as holotype except 10.iv.2001, Varredura; 46 ♂ (#MZSP 02297-02342) same data as holotype except 11.iv.2001, Varredura; 1 ♂ (#MZSP 02345), BRASIL, P[ara]í[B]a, João Pessoa, Mata

do Buraquinho, 07°08'25"S 34°51'38"W, 28-31.vii.2002, arm[adilha] Malaise, S.T.P. Amarante e eq[uipe] col.; 1 ♂ (#MZSP 02346), BRASIL, S[anta] C[atarina], São Bento do Sul, C[entro de] E[studo de] P[esquisa] A[m]biental Rugendas, 26°19'25.6"S 49°18'26.5"W, 16-19.x.2001, Malaise, Pentead-Dias & equipe col.; 3 ♂ (#MZSP 02347-02349), BRASIL, S[ergip]E, S[an]ta Luzia do Itahy, Crasto, 11°22'37.4"S 37°24'50.3"W, 01-04.viii.2001, Malaise, M.T. Tavares e eq[uipe] col.; 3 ♂ (#MZSP 02350-02351), BRASIL, S[ão] P[aulo], Salesópolis, Est[ação] Biol[ógica] de Boracéia, 23°39'06.5"S 45°53'48"W, 30.iii-02.iv.2001, Malaise, S.T.P. Amarante e eq[uipe] col.; 1 ♂ (#MZSP 02171), BRASIL, AL[agoas], Quebrangulo, Res[erva] Biol[ógica] Pedra Talhada, 08-11.ix.2002, Malaise, Pentead-Dias e eq[uipe] col.

Comments: original publication reported 276 types deposited at MZSP, however 92 paratypes are deposited at UFES.

Dissomphalus spissus

Redighieri & Azevedo, 2006: 316

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2002353>)

Holotype: ♂ (#MZSP 02353), BRASIL, E[spírito] S[anto], S[an]ta Teresa, Res[erva] Biol[ógica] S[an]ta Lúcia, 19°58'S 40°32'W, arm[adilha] Malaise, 09-12.iv.2001, C.O. Azevedo e eq[uipe] col.

Paratypes: 1 ♂ (#MZSP ?) same data as holotype except varredura; 2 ♂ (#MZSP 02354, 02355), same data as holotype, except 06-09.iv.2001; 14 ♂ (#MZSP 02356-02369), same data as holotype, except 07.iv.2001, Varredura; 11 ♂ (#MZSP 02370-02380), same data as holotype, except 08.iv.2001, Varredura; 6 ♂ (#MZSP 02381-02385, 02283), same data as holotype, except 09-12.iv.2001; 12 ♂ (#MZSP 02386-02397), same data as holotype, except 11.iv.2001; 3 ♂ (#MZSP 02398-02400), BRASIL, P[a]R[aná], Morretes, Parque Est[adual] do Pau Oco, 25°34'27.5"S 48°53'33"W, 10-13.iv.2002, Malaise, M.T. Tavares e eq[uipe] col.; 3 ♂ (#MZSP 02401-02403) BRASIL, S[anta] C[atarina], São Bento do Sul, C[entro de] E[studo de] P[esquisa] A[m]biental Rugendas, 26°19'25.6"S 49°18'26.5"W, 16-19.x.2001, Malaise, Pentead-Dias & equipe col.; 6 ♂ (#MZSP 02404-02409), BRASIL, S[ão] P[aulo], Salesópolis, Est[ação] Biol[ógica] de Boracéia, 23°39'06.5"S 45°53'48"W, 02-05.iv.2001, Malaise, S.T.P. Amarante e eq[uipe] col.

Comments: original publication reported 87 types deposited at MZSP; however 28 paratypes are deposited at UFES.

***Dissomphalus subdeformis* Azevedo, 1999: 360**

Paratype: 1 ♂ (#MZSP 02413), [NICARAGUA], El Recreo, Zelaya, x.1984, J.M. Maes col.

Dissomphalus trilobatus

Redighieri & Azevedo, 2006: 326

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2002414>)

Holotype: ♂ (#MZSP 02414), BRASIL, E[spírito] S[anto], S[an]ta Teresa, Res[erva] Biol[ógica] S[an]ta Lúcia, 867 m, 19°58'37.3"S 40°32'22.5"W, arm[adilha] Malaise, 06-09.iv.2001, C.O. Azevedo e eq[uipe] col.

Paratypes: 1 ♂ (#MZSP 02417), same data as holotype except 09-12.iv.2001; 1 ♂ (#MZSP 02418), same data as holotype except 19°58'19.5"S 40°32'10.3"W, 09-12.iv.2001; 1 ♂ (#MZSP 02419), same data as holotype except 19°58'25.2"S 40°31'44.6"W, 01-04.viii.2001, Varredura; 2 ♂ (#MZSP 02415, 02416), BRASIL, B[ahi]A, Ilhéus, Mata Esperança, 14°46'S 59°04'W, 15-18.v.2002, Malaise, Penteadodias e eq[uipe] col.; 1 ♂ (#MZSP 02420), P[arai] B[a], João Pessoa, Mata do Buraquinho, 07°08'25"S 34°51'38"W, 28-31.vii.2002, arm[adilha] Malaise, S.T.P. Amarante e eq[uipe] col.; 2 ♂ (#MZSP 02421, 02422), BRASIL, PE[rnambuco], Recife, Parque dos Dois Irmãos, 08°00'37.7"S 34°56'31"W, arm[adilha] Malaise, 17-20.vii.2002, S.T.P. Amarante e eq[uipe] col.; 2 ♂ (#MZSP 02423, 02424), BRASIL, S[ergip] E, S[an]ta Luzia do Itahy, Crasto, 11°22'37.4"S 37°24'50.3"W, 29.vii-04.viii.2001, Malaise, M.T. Tavares e eq[uipe] col.; 11 ♂ (#MZSP 02425-02435), Ribeirão Grande P[ar]q[eu] Est[adual] Intervalles, 10-16.xii.2000, Malaise, M.T. Tavares e eq[uipe] col.

Comments: original publication reported 30 types deposited at MZSP; however 10 paratypes are deposited at UFES.

Dissomphalus tubulatus

Redighieri & Azevedo, 2006: 320

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2002436>)

Holotype: ♂ (#MZSP 02436), BRASIL, P[arai] B[a], João Pessoa, Mata do Buraquinho 07°08'25"S 34°51'38"W, arm[adilha] Malaise, 28-31.vii.2002, S.T.P. Amarante e eq[uipe] col.

Paratypes: 3 ♂ (#MZSP 02443-02445), same data as holotype; 6 ♂ (#MZSP 02437-02442), same data as holotype except 25-28.vii.2002.

Comments: original publication reported 15 types deposited at MZSP; however 5 paratypes are deposited at UFES.

***Pseudisobrachium* Kieffer, 1904**

Pseudisobrachium acrum

Gobbi & Azevedo, 2010: 182

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2002540>)

Holotype: ♂ (#MZSP 02540), BRASIL, S[ão] P[aulo], Salesópolis, Est[ação] Biol[ógica] de Boracéia, 23°39'06.5"S 45°53'48"W, 30.iii-02.iv.2001, Malaise, S.T.P. Amarante e eq[uipe] col.

Paratypes: 2 ♂ (#MZSP 02541-02542), same data as holotype; 1 ♂ (#MZSP 02543), same data as holotype except 01-03.iv.2001, Möericke.

Comments: original publication reported 6 types deposited at MZSP; however 2 paratypes are deposited at UFES.

Pseudisobrachium belum

Gobbi & Azevedo, 2010: 185

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2002633>)

Holotype: ♂ (#MZSP 02633), BRASIL, SE[rgipe], S[ant]ta Luzia do Itahy, Crasto, 11°22'37.4"S 37°24'50.3"W, 01-04.viii.2001, Malaise, M.T. Tavares e eq[uipe] col.

Paratypes: 1 ♂ (#MZSP 02634), BRASIL, B[ahi] A, Sapiranga, Reserva de Sapiranga 12°33'41.1"S 38°02'51"W, arm[adilha] Malaise, 22-25.vii.2001, M.T. Tavares e eq[uipe] col.; 1 ♂ (#MZSP 02635), same data as holotype except 29.vii-01.viii.2001.

Comments: original publication reported 4 types deposited at MZSP; however 1 paratype is deposited at UFES.

Pseudisobrachium bifum

Gobbi & Azevedo, 2010: 185

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2002636>)

Holotype: ♂ (#MZSP 02636), BRASIL, P[arai] B[a], João Pessoa, Mata do Buraquinho 07°08'25"S 34°51'38"W, arm[adilha] Malaise, 25-28.vii.2002, S.T.P. Amarante e eq[uipe] col.

Paratypes: 3 ♂ (#MZSP 02637-02639), same data as holotype; 1 ♂ (#MZSP 02640), same data as holotype except 27.vii.2002; 6 ♂ (#MZSP 02641-02646), same data as holotype except 28-31.vii.2002; 1 ♂ (#MZSP 02647), same data as holotype except 30.vii.2002, Varredura.

Comments: original publication reported 18 types deposited at MZSP, however 6 paratypes are deposited at UFES.

Pseudisobrachium celum

Gobbi & Azevedo, 2010: 187

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2002652>)

Holotype: ♂ (#MZSP 02652), BRASIL, E[spírito] S[anto], S[an]ta Teresa, Res[erva] Biol[ógica] S[an]ta Lúcia, 840 m, 19°58'16.7"S 40°32'06.9"W, arm[adilha] Malaise, 06-09.iv.2001, C.O. Azevedo e eq[uipe] col.

Paratypes: 1 ♂ (#MZSP 02654), same data as holotype; 2 ♂ (#MZSP 02653, 02655), same data as holotype except 638 m, 19°58'18.5"S 40°32'07.6"W, 06-09.iv.2001; 4 ♂ (#MZSP 02656, 02657, 02659, 02660), same data as holotype as holotype except 638 m, 19°58'18.5"S 40°32'07.6"W, 09-12.iv.2001; 1 ♂ (#MZSP 02658), same data as holotype as holotype except 09-12.iv.2001.

Comments: original publication reported 13 types deposited at MZSP, however 4 paratypes are deposited at UFES.

Pseudisobrachium danum

Gobbi & Azevedo, 2010: 190

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2002748>)

Holotype: ♂ (#MZSP 02748), BRASIL, E[spírito] S[anto], S[an]ta Teresa, Res[erva] Biol[ógica] S[an]ta Lúcia, 638 m, 19°58'18.5"S 40°32'07.6"W, 06-09.iv.2001, arm[adilha] Malaise, C.O. Azevedo e eq[uipe] col.

Paratypes: 1 ♂ (#MZSP 02749), same data as holotype; 2 ♂ (#MZSP 02750, 02751), BRASIL, R[io de] J[aneiro], Nova Iguaçu, Res[erva] Biol[ógica] do Tinguá, 22°34'S 43°26'W, 05-11.iii.2002, Malaise, S.T.P. Amarante e eq[uipe] col.

Comments: original publication reported 6 types deposited at MZSP, however 2 paratypes are deposited at UFES.

Pseudisobrachium digum

Gobbi & Azevedo, 2010: 192

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2002752>)

Holotype: ♂ (#MZSP 02752), BRASIL, S[ao] P[aulo], Salesópolis, Est[ação] Biol[ógica] de Boracéia, 23°39'06.5"S 45°53'48"W, 30.iii-02.iv.2001, Malaise, S.T.P. Amarante e eq[uipe] col.

Paratypes: 7 ♂ (#MZSP 02753-02759), same data as holotype; 4 ♂ (#MZSP 02760-02763), same data as holotype except 02-05.iv.2001.

Comments: original publication reported 18 types deposited at MZSP, however 6 paratypes are deposited at UFES.

Pseudisobrachium elium

Gobbi & Azevedo, 2010: 192

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2002764>)

Holotype: ♂ (#MZSP 02764), BRASIL, SE[rgipe], S[an]ta Luzia do Itanhy, Crasto, 11°22'37.4"S 37°24'50.3"W, 01.viii.2002, Varredura, M.T. Tavares e eq[uipe] col.

Paratypes: 2 ♂ (#MZSP 02765, 02766), same data as holotype except 29.vii-01.viii.2001, Malaise, 1 ♂ (#MZSP 02767), same data as holotype except 31.vii.2001.

Comments: original publication reported 5 types deposited at MZSP, however 1 paratype is deposited at UFES.

Pseudisobrachium ferum

Gobbi & Azevedo, 2010: 195

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2002768>)

Holotype: ♂ (#MZSP 02768), BRASIL, E[spírito] S[anto], Santa Teresa, Res[erva] Biol[ógica] S[an]ta Lúcia, 638 m, 19°58'25.2"S 40°32'44.6"W, Varredura, 07.iv.2001, C.O. Azevedo e equipe col.

Paratypes: 2 ♂ (#MZSP 02769, 02770), same data as holotype; 1 ♂ (#MZSP 02771), same data as holotype except 755 m, 19°58'21.1"S 40°32'05.5"W, 07.iv.2001; 9 ♂ (#MZSP 02773-02780, 02783) same data as holotype except 08.iv.2001; 1 ♂ (#MZSP 02772), same data as holotype except 755 m, 19°58'21.1"S 40°32'05.5"W, 08.iv.2001; 2 ♂ (#MZSP 02781, 02782), same data as holotype except 642 m 19°58'29.4"S 40°32'44.5"W, 08.iv.2001; 1 ♂ (#MZSP 02784), same data as holotype except

10.iv.2001; 4 ♂ (#MZSP 02785-02788) same data as holotype except 11.iv.2001.

Pseudisobrachium gabrum

Gobbi & Azevedo, 2010: 198

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2002884>)

Holotype: ♂ (#MZSP 02884), BRASIL, E[spírito] S[anto], Santa Teresa, Est[ação] Biol[ógica] S[an]ta Lúcia, 867 m, 19°58'10.5"S 40°32'10.3"W, arm[adilha] Malaise, 09-12.iv.2001, C.O. Azevedo e equipe col.

Paratypes: 1 ♂ (#MZSP 02885), same data as holotype except 755 m, 19°58'21.1"S 40°32'05.5"W, Varredura, 08.iv.2001; 1 ♂ (#MZSP 02886), same data as holotype except 19°58'18.5"S 40°32'07.6"W, 09-12.iv.2001; 1 ♂ (#MZSP 02887), same data as holotype except 19°58'16.7"S 40°32'06.9"W.

Comments: original publication reported 6 types deposited at MZSP; however 2 paratypes are deposited at UFES.

Pseudisobrachium genum

Gobbi & Azevedo, 2010: 200

Paratypes: 1 ♂ (#MZSP 02888), BRASIL, E[spírito] S[anto], S[an]ta Teresa, Res[erva] Biol[ógica] S[an]ta Lúcia, 867 m, 19°58'19.5"S 40°32'10.3"W, arm[adilha] Malaise, 06-09.iv.2001, C.O. Azevedo e eq[uipe] col.; 1 ♂ (#MZSP 02889), BRASIL, P[a] R[aná], Morretes, Parque Est[adual] do Pau Oco, 25°34'27.5"S 48°53'33"W, 10-13.iv.2002, Malaise, M.T. Tavares e eq[uipe] col.; 1 ♂ (#MZSP 02890), BRASIL, S[anta] C[atarina], S[ão] Francisco do Sul, C[entro de] E[studo de] P[esquisa] A[mbiental] Vila da Glória, 26°13'40"S 48°40'49.1"W, 17.x.2001, Varredura, Pentead-Dias e eq[uipe] col.; 2 ♂ (#MZSP 02891, 02892), BRASIL, S[ao] P[aulo], Ubatuba, P[ar]que Est[adual] da Serra do Mar Núcleo Picinguaba, 23°21'43"S 44°49'22"W, 24-27.i.2002, Malaise, N.W. Periotto e equipe col.

Comments: original publication reported 7 types deposited at MZSP; however 2 paratypes are deposited at UFES.

Pseudisobrachium gobum

Gobbi & Azevedo, 2010: 202

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2002893>)

Holotype: ♂ (#MZSP 02893), BRASIL, AL[agoas], Quebrangulo, Res[erva] Biol[ógica] Pedra Talhada, 08-11.ix.2002, Malaise, Pentead-Dias e eq[uipe] col.

Paratype: 1 ♂ (#MZSP 02894), same data as holotype.

Comments: original publication reported 3 types deposited at MZSP; however 1 paratype is deposited at UFES.

Pseudisobrachium holum

Gobbi & Azevedo, 2010: 202

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2002895>)

Holotype: ♂ (#MZSP 02895), BRASIL, P[araí] B[a], João Pessoa, Mata do Buraquinho 07°08'25"S 34°51'38"W, arm[adilha] Malaise, 25-28.vii.2002, S.T.P. Amarante e eq[uipe] col.

Paratypes: 1 ♂ (#MZSP 02896), same data as holotype; 2 ♂ (#MZSP 02897, 02898) BRASIL, S[ergip] E, S[an]ta Luzia do Itahy, Crasto, 11°22'37.4"S 37°24'50.3"W, 29.vii-01.viii.2001, Malaise, M.T. Tavares e eq[uipe] col.

Comments: original publication reported 6 types deposited at MZSP; however 2 paratypes are deposited at UFES.

Pseudisobrachium itamum

Gobbi & Azevedo, 2010: 204

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2002907>)

Holotype: ♂ (#MZSP 02907), BRASIL, S[ão] P[aulo], Peruíbe, E[stação] E[cológica] Juréia-Itatins, 24°31'06"S 47°12'06"W, 30.iv.2002, Varredura, N.W. Periotto e eq[uipe] col.

Paratypes: 2 ♂ (#MZSP 02910, 02911), same data as holotype; 1 ♂ (#MZSP 02912), same data as holotype except 03.v.2002; 5 ♂ (#MZSP 02913, 02917), same data as holotype except 05.v.2002; 1 ♂ (#MZSP 02918), same data as holotype except 06.v.2002; 1 ♂ (#MZSP 02919), BRASIL, S[ao] P[aulo], Ubatuba, P[ar]que Est[adual] da Serra do Mar Núcleo Picinguaba, 23°21'43"S 44°49'22"W, 21-24.i.2002, Malaise, N.W. Periotto e equipe col.; 1 ♂ (#MZSP 02908), BRASIL, P[a]R[aná], Morretes, Parque Est[adual] do Pau Oco, 25°34'27.5"S 48°53'33"W, 07-10.iv.2002, Malaise, M.T. Tavares e eq[uipe] col.; 1 ♂ (#MZSP 02909), BRASIL, R[io] de J[aneiro], Nova Iguaçu, Res[erva] Biol[ógica] do Tinguá, 22°34'37"S 43°26'06.6"W, 05-08.iii.2002, Malaise, S.T.P. Amarante e eq[uipe] col.

Comments: original publication reported 19 types deposited at MZSP; however 6 paratypes are deposited at UFES.

*Pseudisobrachium ivaum***Gobbi & Azevedo, 2010: 206**

(http://hol.osu.edu/spmInfo.html?id=MZSP%2002920)

Holotype: ♂ (#MZSP 02920), BRASIL, S[ergip] E, S[an]ta Luzia do Itahy, Crasto, 11°22'37.4"S 37°24'50.3"W, 29.vii-01.viii.2001, Malaise, M.T. Tavares e eq[uipe] col.

Paratypes: 10 ♂ (#MZSP 02921-02830) same data as holotype; 1 ♂ (#MZSP 02931) same data as holotype except 01-04.viii.2001.

Comments: original publication reported 18 types deposited at MZSP, however 6 paratypes are deposited at UFES.

*Pseudisobrachium jethum***Gobbi & Azevedo, 2010: 206**

(http://hol.osu.edu/spmInfo.html?id=MZSP%2002932)

Holotype: ♂ (#MZSP 02932), BRASIL, S[ao] P[aulo], Salesópolis, Est[ação] Biol[ógica] de Boracéia, 23°39'06.5"S 45°53'48"W, 30.iii-02.iv.2001, Malaise, S.T.P. Amarante e eq[uipe] col.

Paratypes: 1 ♂ (#MZSP 02935), same type as holotype; 1 ♂ (#MZSP 02936), same type as holotype except 01.iv.2001; 1 ♂ (#MZSP 02937), same type as holotype except 01-03.iv.2001, Møerick; 1 ♂ (#MZSP 02933), BRASIL, S[anta] C[atarina], São Bento do Sul, C[entro] de E[studo] de P[esquisa] A[m]bienta]l Rungendas, 26°19'25.6"S 49°18'26.5"W, 16-19.x.2001, Malaise, Pentead-Dias e eq[uipe] col.; 1 ♂ (#MZSP 02934), BRASIL, S[ão] P[aulo], Peruíbe, E[stação] E[cológica] Juréia-Itatins, 24°31'06"S 47°12'06"W, 05.v.2002, Malaise, N.W. Periotto e eq[uipe] col.

Comments: original publication reported 8 types deposited at MZSP, however 2 paratypes are deposited at UFES.

*Pseudisobrachium laisum***Gobbi & Azevedo, 2010: 207**

(http://hol.osu.edu/spmInfo.html?id=MZSP%2002938)

Holotype: ♂ (#MZSP 02938), BRASIL, PE[rnambuco], Recife, Parque dos Dois Irmãos, 08°00'37.7"S 34°56'31"W, arm[adilha] Malaise, 20-23.vii.2002, S.T.P. Amarante e eq[uipe] col.

Paratypes: 1 ♂ (#MZSP 02940) same data as holotype except 17-20.vii.2002; 1 ♂ (#MZSP 02939), BRASIL, B[ahi]A, Sapiranga, Reserva de Sapiranga

12°33'37.4"S 38°02'46.8"W, arm[adilha] Malaise, 22-25.vii.2001, M.T. Tavares e eq[uipe] col.

Comments: original publication reported 4 types deposited at MZSP, however 1 paratype is deposited at UFES.

*Pseudisobrachium lidum***Gobbi & Azevedo, 2010: 210**

(http://hol.osu.edu/spmInfo.html?id=MZSP%2002956)

Holotype: ♂ (#MZSP 02956), BRASIL, E[spírito] S[anto], S[an]ta Teresa, Res[erva] Biol[ógica] S[an]ta Lúcia, 638 m, 19°58'18.5"S 40°32'07.6"W, 06-09.iv.2001, arm[adilha] Malaise, C.O. Azevedo e eq[uipe] col.

Paratype: 1 ♂ (#MZSP 02957), same data as holotype except 09-12.iv.2001.

Comments: original publication reported 3 types deposited at MZSP, however 1 paratype is deposited at UFES.

*Pseudisobrachium lurdum***Gobbi & Azevedo, 2010: 211**

(http://hol.osu.edu/spmInfo.html?id=MZSP%2002958)

Holotype: ♂ (#MZSP 02958), BRASIL, E[spírito] S[anto] Res[erva] Biol[ógica] Sooretama, 19°00'11.5"S 40°07'08"W, 24-27.iii.2002, Malaise, C.O. Azevedo e eq[uipe] col.

Paratype: 1 ♂ (#MZSP 02959), BRASIL, B[ahi]A, Ilhéus, Mata Esperança, 14°46'S 59°04'W, 18-21.v.2002, Malaise, Pentead-Dias e eq[uipe] col.

Comments: original publication reported 3 types deposited at MZSP, however 1 paratype is deposited at UFES.

*Pseudisobrachium marum***Gobbi & Azevedo, 2010: 212**

(http://hol.osu.edu/spmInfo.html?id=MZSP%2002982)

Holotype: ♂ (#MZSP 02982), BRASIL, P[ara] B[a], João Pessoa, Mata do Buraquinho 07°08'25"S 34°51'38"W, arm[adilha] Malaise, 28-31.vii.2002, S.T.P. Amarante e eq[uipe] col.

Paratypes: 5 ♂ (#MZSP 03013-03017), same data as holotype; 30 ♂ (#MZSP 02983-03012), same data as holotype except 25-28.vii.2002; 2 ♂ (#MZSP 03018-03019), BRASIL, PE[rnambuco], Recife, Parque dos Dois Irmãos, 08°00'37.7"S 34°56'31"W, arm[adilha] Malaise, 17-20.vii.2002, S.T.P. Ama-

rante e eq[uipe] col.; 2 ♂ (#MZSP 03020-03021), BRASIL, R[io] de J[aneiro], Nova Iguaçu, Res[erva] Biol[ógica] do Tinguá, 22°34'32"S 43°26'05"W, 07-11.iii.2002, S.T.P. Amarante e eq[uipe] col.; 1 ♂ (#MZSP 03022) BRASIL, R[io] de J[aneiro], S[an]ta Maria Madalena, Parque Estadual do Desengano, 21°59'03"S 41°57'08"W, 16-19.iv.2002, Malaise, A.M. Pentead-Dias e eq[uipe] col.; 2 ♂ (#MZSP 03023, 03024), BRASIL, S[ergip]E, S[an]ta Luzia do Itahy, Crasto, 11°22'37.4"S 37°24'50.3"W, 29.vii-01.viii.2001, Malaise, M.T. Tavares e eq[uipe] col.; 1 ♂ (#MZSP 03025,) same data as #MZSP 03023 except 01-04.viii.2001; 2 ♂ (#MZSP 03026-03027), same data as #MZSP 03023 except 02-05.viii.2001, Möericke; 1 ♂ (#MZSP 03028), BRASIL, S[ão] P[aulo], Peruíbe, E[tação] E[cológica] Juréia-Itatins, 24°31'06"S 47°12'06"W, 03.v.2002, Malaise, N.W. Perioto e eq[uipe] col.; 1 ♂ (#MZSP 03029) BRASIL, S[ao] P[aulo], Ubatuba, P[ar]que Est[adual] da Serra do Mar Núcleo Picinguaba, 26-29.i.2002, Möericke, N.W. Perioto e equipe col.

Comments: original publication reported 72 types deposited at MZSP, however 24 paratypes are deposited at UFES.

Pseudisobranchium nibum

Gobbi & Azevedo, 2010: 213

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2003030>)

Holotype: ♂ (#MZSP 03030), BRASIL, S[ão] P[aulo], Salesópolis, Est[ação] Biol[ógica] de Boracéia, 23°39'06.5"S 45°53'48"W, 30.iii-02.iv.2001, Malaise, S.T.P. Amarante e eq[uipe] col.

Paratype: 1 ♂ (#MZSP 03031), same data as holotype except 02-05.iv.2001.

Comments: original publication reported 3 types deposited at MZSP, however 1 paratype is deposited at UFES.

Pseudisobranchium otum

Gobbi & Azevedo, 2010: 214

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2003041>)

Holotype: ♂ (#MZSP 03041), BRASIL, R[io] de J[aneiro], S[an]ta Maria Madalena, Parque Estadual do Desengano, 21°59'03"S 41°57'08"W, 19-22.iv.2002, Malaise, A.M. Pentead-Dias e eq[uipe] col.

Paratypes: 1 ♂ (#MZSP 03043), same data as holotype; 1 ♂ (#MZSP 03042) BRASIL, R[io] de J[aneiro], Nova Iguaçu, Res[erva] Biol[ógica] do Tin-

guá, 22°34'30"S 43°26'08.4"W, 05-11.iii.2002, Malaise, S.T.P. Amarante e eq[uipe] col.; 1 ♂ (#MZSP 03044) BRASIL, S[ão] P[aulo], Salesópolis, Est[ação] Biol[ógica] de Boracéia, 23°39'06.5"S 45°53'48"W, 01.iv.2001, Varredura, S.T.P. Amarante e eq[uipe] col.

Comments: original publication reported 4 types deposited at MZSP, however 1 paratype is deposited at UFES.

Pseudisobranchium tidum

Gobbi & Azevedo, 2010: 219

Paratype: 1 ♂ (#MZSP 03128), BRASIL, E[spírito] S[anto] Res[erva] Biol[ógica] Sooretama, 19°00'11.5"S 40°07'08"W, 24-27.iii.2002, Malaise, C.O. Azevedo e eq[uipe] col.

Pseudisobranchium urum

Gobbi & Azevedo, 2010: 220

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2003149>)

Holotype: ♂ (#MZSP 03149), BRASIL, E[spírito] S[anto], Santa Teresa, Res[erva] Biol[ógica] S[an]ta Lúcia, 638 m, 19°58'25.2"S 40°32'44.6"W, Varredura, 08.iv.2001, C.O. Azevedo e equipe col.

Paratypes: 1 ♂ (#MZSP 03155), same data as holotype except 11.vi.2001; 1 ♂ (#MZSP 03154), same data as holotype except 867 m, 19°58'39.2"S 40°32'06.6"W, 08.iv.2001; 2 ♂ (#MZSP 03152, 03153), BRASIL, E[spírito] S[anto], Linhares, Res[erva] Biol[ógica] Sooretama, 19°00'11.5"S 40°07'08"W, 24-27.iii.2002, Möericke, M.C.O. Azevedo & eq[uipe] col. 1 ♂ (#MZSP 03150), BRASIL, AL[agoas] Quebrangulo, Res[erva] Biol[ógica] da Pedra Talhada, 11-14.ix.2002, Möricke, Pentead-Dias & eq[uipe] col.; 1 ♂ (#MZSP 03151), BRASIL, B[ahi]A, Porto Seguro, Est[ação] Ecol[ógica] Pau Brasil, 16°23'17.6"S 39°10'55"W, 17.v.2002. Möricke, C.O. Azevedo & eq[uipe] col.; 3 ♂ (#MZSP 03156-03158), BRASIL, P[a]R[aná], Morretes, Parque Est[adual] do Pau Oco, 25°34'27.5"S 48°53'33"W, 08-11.iv.2002, Malaise, M.T. Tavares e eq[uipe] col.; 8 ♂ (#MZSP 03159-03166), BRASIL, S[ao] P[aulo], Salesópolis, Est[ação] Biol[ógica] de Boracéia, 23°39'06.5"S 45°53'48"W, 01-03.iv.2001, Möricke S.T.P. Amarante e eq[uipe] col.; 1 ♂ (#MZSP 03167) same data as #MZSP 03159 except 02-05.iv.2001; 7 ♂ (#MZSP 03168-03174) same data except 03-06.iv.2001.

Comments: original publication reported 39 types deposited at MZSP, however 13 paratypes are deposited at UFES.

Pseudisobrachium zandum**Gobbi & Azevedo, 2010: 223**

Paratypes: 1 ♂ (#MZSP 03203), BRASIL, BA[hia], Ilhéus, Mata Esperança, 14°46'S 59°04'W, 15-18.v.2002, Malaise, Pentead-Dias e eq[uipe] col.; 1 ♂ (#MZSP 03204), BRASIL, R[io de] J[aneiro], S[an]ta Maria Madalena, Parque Estadual de Desengano, 21°59'03"S 41°57'08"W, 16-19.iv.2002, Malaise, A.M. Pentead-Dias e eq[uipe] col.

Comments: original publication reported 3 types deposited at MZSP, however 1 paratype is deposited at UFES.

Chrysididae**Amiseginae*****Amisega* Cameron, 1888*****Amisega mocsaryi* var *cyaniceps* Ducke, 1911: 93**

(http://hol.osu.edu/spmInfo.html?id=MZSP%2004304)

Syntype: 1 ♀ (#MZSP 04304), BRASIL, Estado do Amazonas, Tefé [Tefé], 06.ix.1904, Ducke.

Chrysidinae***Caenochrysis* Kimsey & Bohart, 1981*****Caenochrysis crotonis* (Ducke, 1906): 10**

(http://hol.osu.edu/spmInfo.html?id=MZSP%2004312)

Syntypes: 1 ♂ (#MZSP 04312), BRAZIL, Pará, Óbidos, 19.i.1904, Ducke; 1 ♀ (#MZSP 04313), BRAZIL, Pará, Óbidos, 20.xii.1904, Ducke.

Original name: *Chrysis crotonis* Ducke, 1906: 10.

Elampus* Spinola, 1806**Elampus macuxi* Lucena & Gomes, 2016: 560**

(http://hol.osu.edu/spmInfo.html?id=MZSP%2004675)

Holotype: ♂ (#MZSP 04675), [BRAZIL], Roraima, ix.1966, M. Alvarenga & F.M. Oliveira col.

Paratypes: 3 ♂ (#MZSP 04560, 04678-04679), same data as holotype.

Holopyga* Dahlbom, 1845**Holopyga piliventris* Ducke, 1908a: 95**

(http://hol.osu.edu/spmInfo.html?id=MZSP%2004578)

Syntype: 1 ♂ (#MZSP 04578), BRAZIL, Maranhão, Codó, 22.vi.1907, Ducke.

Ipsiura* Linsenmaier, 1959**Ipsiura lata* Bohart, 1985: 716**

(http://hol.osu.edu/spmInfo.html?id=MZSP%2004396)

Holotype: ♀ (#MZSP 04396), BRAZIL, AM[azonas], 07.ii. [19]76, R.M. Bohart.

***Ipsiura longiventris* (Ducke, 1907): 17**

(http://hol.osu.edu/spmInfo.html?id=MZSP%2004471)

Lectotype: ♀ (#MZSP 04471), BRAZIL, Estado do Pará, Óbidos, 11.i.1905, Ducke.

Original name: *Chrysis longiventris* Ducke, 1907: 17. Lectotype designed by Bohart in Kimsey & Bohart, 1991: 510.

***Ipsiura brevispina* (Ducke, 1911): 102**

(http://hol.osu.edu/spmInfo.html?id=MZSP%2004400)

Holotype: ♂ (#MZSP 04400), BRAZIL, Estado do Pará, 02.i.1907, Ducke.

Original name: *Chrysis brevispina* Ducke, 1911: 102.

Neochrysis* Linsenmaier, 1959**Neochrysis paraensis* (Ducke, 1903): 227**

(http://hol.osu.edu/spmInfo.html?id=MZSP%2004483)

Lectotype: ♂ (#MZSP 04483), BRASIL, Pará, 06.vi.1902, Ducke.

Original name: *Chrysis paraensis* Ducke, 1903: 227. Lectotype designed by Bohart in Kimsey & Bohart, 1990: 516.

Paralectotype: 1 ♂ (#MZSP 04484), same data except 22.iv.1902.

Comments: Bohart in Kimsey & Bohart, 1991 does not clearly define in the publication the Lectotype. Both specimens bears determination labels from Bohart, however the specimen #MZSP 04483 bears a red syntype label also from Bohart which indicates that this specimen is the Lectotype. There is one male specimen from Pará (06.v.1902), labelled 'type' at Natural History Museum, Bern (Obrecht & Huber, 1993) and one 'syntype' from Pará (26.ix.1901) at Museu Paraense Emilio Goeldi (Nascimento, 1979) which are part of the paralectotype series.

***Pleurochrysis* Bohart, 1966**

***Pleurochrysis ypirangensis* (Buysson, 1904): 265**

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2004384>)

Holotype: ♀ (#MZSP 04384), [BRAZIL, São Paulo], Ypiranga [Ipiranga], [R.V. Ihering col].

Original name: *Chrysis ypirangensis* Buysson, 1904: 265.

Cleptinae

***Cleptidea* Mocsary, 1904**

***Cleptidea aurora robustior* (Ducke, 1913): 13**

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2004582>)

Syntype: 1 ♂ (#MZSP 04582), BRAZIL, Estado Pará, Faro, 08.ii.1910, Ducke.

Original name: *Clepts aurora robustior* Ducke, 1913: 13

Dryinidae

Dryininae

***Megadryinus* Richards, 1953**

***Megadryinus cacaonis* Olmi & Virla, 2014: 323**

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2000199>)

Holotype: ♀ (#MZSP 00199), BRASIL, S[ão] P[aulo], Ubatuba, Praia da Fortaleza, 01.i.1993, R.V.S. Paiva col. Obtido de casulo em fruto de cacau.

Gonatopodinae

***Gonatopus* Ljungh, 1810**

***Gonatopus amapaensis* Olmi, 1991: 350**

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2004762>)

Holotype: ♀ (#MZSP 04762), BRASIL [Amapá, Macapá], Porto Platon, ix.1957, J. Lane leg.

***Gonatopus brasiliensis* (Olmi, 1991): 322**

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2004753>)

Holotype: ♀ (#MZSP 04753), [BRAZIL], M[ato] G[rosso], Mun[icípio de] Três Lagoas, Faz[enda] Floresta, 13-20.ix.1964, Exp.[edition of the] Dep[artment of] Zool[ogy, of the University of São Paulo].

Original name: *Apterodryinus brasiliensis* Olmi, 1991: 322.

***Gonatopus drifti* (Olmi, 1991): 317**

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2004776>)

Holotype: ♀ (#MZSP 04776), SURINAM[E] Pocroc [Poeroe] man kemisa, ix.1959, I.V.D. Drift leg.

Original name: *Pseudogonatopus drifti* Olmi, 1991: 317.

***Gonatopus goiasensis* (Olmi, 1991): 336**

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2004778>)

Holotype: 1 ♀ (#MZSP 04778), BRASIL, Goiás, Jatai, Faz[enda] Aceiro, 29.x.1962, Exp.[edition of the] Dep[artment of] Zool[ogy, of the University of São Paulo].

Original name: *Trichogonatopus goiasensis* Olmi, 1991.

Paratype: 1 ♀ (#MZSP 04779), BRASIL, Mato Grosso, B[a]rra do Tapirapé, 01-13.i.1963, B. Malkin col.

***Gonatopus malkini* (Olmi, 1991): 321**

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2004761>)

Holotype: ♀ (#MZSP 04761), PERU, Machu-Picchu (sobre ruínas, 2,600-2,800 m), 01-02.vii.1964, B. Malkin.

Original name: *Donisthorpina malkini* Olmi, 1991: 321.

***Gonatopus matoensis* Olmi, 1991: 349**

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2004769>)

Holotype: ♀ (#MZSP 04769), BRASIL, Mato Grosso, B[a]rra do Tapirapé, 25-27.i.1964, B. Malkin col.

***Gonatopus pecki* (Olmi, 1986): 83**

Paratype: 1 ♀ (#MZSP 04777), ECUADOR, Morona, Santiago [de] los Tayos, 03.viii.1976, Tjitte de Vries col.

Original name: *Pseudogonatopus pecki* Olmi, 1991: 349.

Embolemidae

***Embolemus* Westwood, 1833**

Embolemus brandaoi

Azevedo & Amarante, 2006: 126

(<http://hol.osu.edu/spmInfo.html?id=MZSP%2000200>)

Holotype: ♀ (#MZSP 00200), BRASIL, S[ão] P[aulo], Nazaré Paulista, 26.i.2001, serrapilheira, Winkler [trap], B.H. Dietz col.

Embolemus boraceia

Amarante, Brandão & Carpenter, 1999: 3

(http://hol.osu.edu/spmInfo.html?id=MZSP%2006645)

Holotype: ♂ (#MZSP 06645), BRASIL, S[ão] P[aulo], Salesópolis, E[stação] B[iológica] B[oracéia], 05.vii-06.ix.1997, Malaise, laboratório, C.I. Yamamoto col.

Paratypes: 1 ♂ (#MZSP 06646), same data as holotype; 1 ♂ (#MZSP 06647), same data as holotype except 17.vi-05.vii.1997.

RESUMO

O presente catálogo lista espécimens tipo de Chrysoidea depositados no Museu de Zoologia da Universidade de São Paulo. A coleção inclui 75 holótipos, 791 parátipos, 2 lectótipos, 1 paralectótipo e 5 síntipos de 97 espécies nominais. Toda informação contida nas etiquetas foi compilada e é apresentada junto com informações adicionais retiradas de fontes originais, registros do museu e outras fontes. São ainda apresentados links para fotografias em alta resolução dos holótipos, lectótipos e síntipos hospedadas no Specimage, banco de imagens da Ohio State University.

PALAVRAS-CHAVE: Brasil; Insecta; Taxonomia; MZSP; Lista de tipos.

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