

The types of Encyrtidae (Hymenoptera: Chalcidoidea) housed at the Museo de La Plata, Argentina¹

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■ **ABSTRACT.** The 608 types of Encyrtidae (Chalcidoidea) housed at the Museo de La Plata (Departamento Científico de Entomología) were examined and listed. These types belong to 100 species and 3 subspecies of Encyrtinae. They were described by the following authors: De Santis (71), Annecke (6), Noyes (5), Blanchard (4), Erdoes (3), Annecke & Mynhardt (3), Bennet (1), Brèthes (1), De Santis & Fernandes (1), De Santis & Vidal (1), Compere (1), Fidalgo (1), Gahan (1), Ghesquiére (1), Hoffer (1), Kerrich (1) and Mercet (1). For each taxon complete information is given about the original publication, collection data, and its current state of preservation. On the other hand 15 types were placed in a separate list because of their doubtful status.

KEY WORDS. Catalogue. Entomological types. Encyrtines. Museo de la Plata Collection.

■ **RESUMEN.** Los tipos de Encyrtidae (Hymenoptera: Chalcidoidea) depositados en el Museo de La Plata, Argentina. Fueron examinados y listados los 608 tipos de Encyrtidae depositados en el Museo de La Plata (Departamento Científico de Entomología). Estos tipos pertenecen a 100 especies y 3 subespecies de Encyrtinae, las cuales fueron descriptas por los siguientes autores: De Santis (71), Annecke (6), Noyes (5), Blanchard (4), Erdoes (3), Annecke & Mynhardt (3), Bennet (1), Brèthes (1), De Santis & Fernandes (1), De Santis & Vidal (1), Compere (1), Fidalgo (1), Gahan (1), Ghesquiére (1), Hoffer (1), Kerrich (1) y Mercet (1). Para cada taxón se brinda la información completa acerca de la publicación original, datos de recolección y estado de conservación. Separadamente a esta lista se agregan 15 ejemplares rotulados como tipos, de los cuales no fue posible determinar con certeza su *status*.

PALABRAS CLAVE. Catálogo. Tipos entomológicos. Encirtinos. Colección Museo de La Plata.

INTRODUCTION

This catalogue is part of a series that undertakes the revision of the type materials of Hymenoptera housed in the collections of the Departamento Científico de Entomología of the Museo de La Pla-

ta, Buenos Aires, Argentina. Only those materials belonging to superfamilies Cynipoidea (Diaz & Loíacono, 1995), Proctotrupeoidea, Ceraphronoidea (Loíacono & Diaz, 1996) and Apoidea (Durante & Diaz, 1998) have been already published. Currently, the critical review of the types of

¹ **Dedication.** This review of the types of Chalcidoidea housed at the Museo de La Plata is dedicated to the memory of Dr. Luis De Santis (16/5/1914 - 1/8/2000), eminent hymenopterist and Emeritus Professor at the Facultad de Ciencias Naturales y Museo de La Plata, Argentina.

Chalcidoidea, is being accomplished, beginning with those of the family Encyrtidae. According to Grissell & Schauff (1990) 3277 species of Encyrtidae have been described; 390 of them are Nearctic and 236 Neotropical, distributed in 135 and 153 genera respectively. In Argentina, 157 species have been recorded, approximately 100 of which have been studied by De Santis (1964). More recently (1998) De Santis emphasizes that the Encyrtidae are particularly important because of the great number of species included in the family and because many of encyrtids have been used in the biological or integrated control of insects and acari of economic importance. In view of the great value of type materials for taxonomic revisions and in the correct assignment of names, the International Code of Zoological Nomenclature (ICZN, 1999) recommends that institutions publish lists of the type-materials in their possession or custody (ICZN, 72F. 4). This type revision was based on the catalogues of De Santis (1967 b, 1979, 1980, 1981, 1989) and De Santis & Fidalgo (1994).

The purpose of this contribution is to gather and update information about the 608 types of Encyrtidae housed in the entomological collections of the Museo de La Plata, according to the recommendation of the ICZN.

MATERIAL AND METHODS

The collection of Hymenoptera of the Museo de La Plata has a large number of Encyrtidae species, the result of much hard work on part of several Entomologists. The types studied belong to 100 species and 3 subspecies which were described by the following authors: De Santis (71), Annecke (6), Noyes (5), Blanchard (4), Erdoes (3), Annecke & Mynhardt (3), Bennet (1), Brèthes (1), De Santis & Fernandes (1), De Santis & Vidal (1), Compere (1), Fidalgo (1), Gahan (1), Ghesquière (1), Hoffer (1), Kerrich (1) and Mercet (1). This catalogue includes all the specific and subspecific names published up to 1999, whose type series is housed at least in part, in the Museo de La Plata Collection. The main information, as taken from the labels of the type specimens and from the original descriptions, is provided for each species, along with comments on the current state of preservation of the material. Following Lavett Smith & Buerkli (1969) we considered appropriate the inclusion of the paratypes.

On the other hand 15 type specimens were placed in a separate list because of their doubtful status.

The following information was provided for each of the type specimen studied.

Name of the taxon. Species are cited with bibliographic reference to the original publication.

Original publication. The author's name, year of publication, title of the original publication, volume, page number and when appropriate, number of illustration, is given.

Types. Categories of holotype, allotype, paratype, paralectotype and syntype are indicated, as well as the number of specimens in each type series.

Sex of specimens. This information is given whenever possible.

Collection number. All specimens of the same series are given the same number and an additional number separated by a bar identifies each specimen within a series.

Collection data. Country, province, locality, capture date, collector's name, host or other bionomic data included on labels are given. Moreover we include additional data provided by the original publication.

Observations. Poorly preserved specimens are noted. Slide-mounted specimens are indicated by the code (M.S.).

RESULTS

ENCYRTIDAE

ENCYRTINAE

argentinensis, *Achrysopophagus* De Santis
1964. *An. Com. Invest. Cient. Prov. Bs. As.* 4:
357- 359, fig. 193.

- Holotype, female, MLP nro.1971/1 (M.S.).
ARGENTINA: Tucumán, San Javier.
17-X-1958, Exp. Mus. La Plata coll.

aclerdae, *Aenasioidea* De Santis
1972 b. *An. Soc. Entomol. Brasil* 1(1): 22.

- Holotype, female, MLP nro. 4109/1 (M.S.).
BRAZIL: Alagoas.
11-I-1971, Mendonça Filho coll.
- Allotype, male, MLP nro. 4109/2 (M.S.).
Same data as Holotype.
- Paratypes (2), males, MLP nro. 4109/3, 13 (M.S.).
Same data as Holotype.
- Paratypes (9), females, MLP nro. 4109/4-12 (M.S.).
Same data as Holotype.
- Paratypes (12), sex not determined, MLP nro. 4109/14-26.
Same data as Holotype.

Observations: obtained from *Aclerda campi-nensis* (Hemiptera, Aclerdidae).

fuscicollis anchyloperae, *Ageniaspis* De Santis
1957 a. *Notas Mus. La Plata* 19, *Zool.* 173: 114.

- Holotype, female, MLP nro. 1965/1 (M.S.).
ARGENTINA: Buenos Aires, Tigre.
1953, Bourquin coll.
- Paratypes (8), females, MLP nro. 1965/2-9 (M.S.).
Same data as Holotype.

Observations: reared from larvae of *Anchylopera plumbata* (Lepidoptera) by Bourquin. Three paratypes were sent to Drs. Ferrière, Erdoes and Compere respectively.

reticulatus, *Ageniaspis* De Santis

1964. *An. Com. Inv. Cient. Prov. Bs. As.* 4: 310-312. figs. 150- 151.

- Holotype, female, MLP nro.1966/1 (M.S.).
ARGENTINA: Buenos Aires, Tigre.
1958, Bourquin coll.
- Allotype, male, MLP nro.1966/2 (M.S.).
Same data as Holotype.
- Paratypes (2), males, MLP nro.1966/3-4 (M.S.).
Same data as Holotype.
- Paratypes (2), females, MLP nro.1966/5-6 (M.S.).
Same data except VII – 1958.
- Paratype, male, MLP nro.1966/7
Same data except VII – 1958.

Observations: obtained from eggs of Lepidoptera.

rusticus, *Aglyptoideus* De Santis

1964. *An. Com. Inv. Cient. Prov. Bs. As.* 4: 101-102, fig. 33.

- Holotype, female, MLP nro.1987/1 (M.S.).
ARGENTINA: Buenos Aires, Eva Perón [La Plata]
10 – XI – 1954, Balcedo coll.
- Paratypes (2), females, MLP nro.1987/2-3 (M.S.).

ARGENTINA: La Pampa, Potrillo Oscuro.
27 – II – 1958, Exp. Mus. La Plata coll.

- Paratypes (2), females, MLP nro.1987/4-5.
ARGENTINA: La Pampa, Santa Rosa.
2-II-1958, Exp. Mus. La Plata coll.

kerrichi, *Alamella* Annecke

1969. *J. ent. Soc. sth. Afr.* 32:443-459

- Paratypes (3), MLP nro. 4110/1-3.
SOUTH AFRICA: Zebediela.
V - 1966, Baas coll.

venustus, *Alloцерellus* Annecke et Mynhardt

1969 b. *Rev. Zool. Bot. Afr.* 82: 85- 110.

- Paratypes (3), MLP nro. 4111/1-3.
SOUTH AFRICA: Somerset West.
X - 1969, Insley coll.

micans, *Amauroencyrtus* De Santis

1985 b. *Spixiana* 8(3): 263.

- Holotype lost, MLP nro. 4131/1.
- Allotype, male, MLP nro. 4131/2.
ARGENTINA: Santiago del Estero, Los Pirpintos.
1982, Fiorentino-Bellomo coll.
- Paratypes (28), MLP nro.4131/3-30.
Same data of Allotype.

Observations: collected on *Criodidium angustatus* eggs. The holotype specimen is lost, only the label was found.

ananatis, *Anagyrus* Gahan

1949. *Proc. Haw. Ent. Soc.* 18: 357.

- Paratype, female, MLP nro. 1934/1 (M.S.).
BRAZIL: Recife.
24-I-1937, Schmit coll.

brevistigma, *Anagyrus* De Santis

1964. *An. Com. Invest. Cient. Prov. Bs. As.* 4: 69-71, figs. 16 y.17.

- Holotype, female, MLP nro. 2677/1 (M.S.).
ARGENTINA: Buenos Aires, Balcarce.
10-II-1961. Exp. Mus. La Plata coll.

jucundus, *Anagyrus* De Santis

1964. *An. Com. Invest. Cient. Prov. Bs. As.* 4: 59-61, fig. 8.

- Holotype, female, MLP nro. 1933/1 (M.S.).
ARGENTINA: Tucumán, San Javier.
13-III-1960, Exp. Mus. La Plata coll.

quintanai, *Anicetus* De Santis

1964. *An. Com. Invest. Cient. Prov. Bs. As.* 4:

374-376, fig. 199.

- Holotype, female, MLP nro. 1973/1 (M.S.).
ARGENTINA: Buenos Aires, La Plata.
1945, Quintana coll.
- Paratype, female, MLP nro. 1973/2 (M.S.).
Same data as Holotype

Observations: the paratype sample was obtained from *Ceroplastes grandis* (Hemiptera, Coccidae).

cassatus, *Aphidencyrus* Annecke
1969. *Rev. Zool. Bot. Afr.* 82: 452.

- Paratype, MLP nro. 4114/1.
SOUTH AFRICA: Durban.
XI - 1962, Bedford coll.

Observations: obtained from *Trioza erytrea* (Hemiptera, Psylliidae) on "citrics".

annulata, *Aphycomastix* De Santis
1972 a. *Rev. per. Ent.* 15 (1): 51.

- Holotype, female, MLP nro. 2001/1 (M.S.).
URUGUAY: Soriano, Arroyo Cololo.
16-I-1962, Carbonell coll.
- Paratype, female, MLP nro. 2001/2
ARGENTINA: Buenos Aires, Bella Vista.
25-X-1937, Ogloblin coll.

discolor, *Aphycus* De Santis
1970. *Bol. Univ. Feder. Paraná*, Zool. 4: 13.

Metaphycus (in De Santis 1980: 190).

- Holotype, female, MLP nro. 4123/1 (M.S.).
BRAZIL: Minas Gerais, Ipeaco-Sete Lagoas.
28-X-1969, Becker coll.
- Paratypes (5), females, MLP nro. 4123/2-6 (M.S.).
Same data as Holotype.

Observations: obtained from *Ceroplastes* sp. (Hemiptera, Coccidae).

lopezi, *Apoanagyrus* De Santis
1964. *An. Com. Inv. Cient. Prov. Bs. As.* 4: 74- 77,
figs. 20- 21.

Epidinocarsis (in De Santis 1989: 31).

- Holotype, female, MLP nro. 1935/1 (M.S.).
ARGENTINA: Mendoza, Chacras de Coria.
25-II-1957, Exp. Mus. La Plata coll.
- Allotype, male, MLP nro. 1935/2 (M.S.)
Same data as Holotype.
- Paratypes (3), males, MLP nro. 1935/3-5 (M.S.).
Same data as Holotype.
- Paratypes (6), females, MLP nro. 1935/6-11 (M.S.).
Same data as Holotype.
- Paratypes (4), males, MLP nro. 1935/13-16.
Same data as Holotype.

- Paratype (1), female, MLP nro. 1935/17.
Same data as Holotype.

Observations: obtained from *Pseudococcus* sp. (Hemiptera, Coccidae) on *Solanum eleagnifolium* (Solanaceae). The M.S. nro. 1935/11 without head; there are only parts of specimen on M.S. nro. 1935/12. The vial with the paratypes (De Santis, 1964) is lost.

laevigatus, *Aratiscus* De Santis

1972 a. *Rev. per. Ent.* 15: 55.

Zeteticontus (in De Santis 1979: 238.)

Cerchysiella (in De Santis & Fidalgo 1994: 61).

- Holotype, female, MLP nro. 2678/1 (M.S.).
ARGENTINA: Misiones, Loreto.
29-V-1931, Ogloblin coll.

carinata, *Arhopoidiella* Noyes

1980. *Bull. Br. Mus. nat. Hist. (Ent.)* 41 (3): 177.

- Paratype, female, MLP nro. 4126/1.
BRAZIL: Nova Teutonia.
7-III-1950, Plaumann coll.
- Paratype, male, MLP nro. 4126/2.
Same data as female Paratype.

ciliatus, *Asitus* Erdoes

1955 b. *Állatt. Közlemén.* 45 (1- 2): 40, 41, 47.

- Paratype, female, MLP nro. 1986/1.
HUNGARY: Gardony
10-VII-53. No collector indicated.

platys, *Baeoencyrtus* De Santis

1964. *An. Com. Invest. Cient. Prov. Bs. As.* 4:
205- 206.

- Holotype, male, MLP nro. 1953/1 (M.S.).
ARGENTINA: Buenos Aires, Eva Perón [La Plata].
18- III - 1953, Balcedo coll.

scutellaris, *Blanchardiscus* De Santis.

1964. *An. Com. Invest. Cient. Prov. Bs. As.* 4:
268-270, fig. 130.

- Holotype, female, MLP nro. 1966/1 (M.S.).
ARGENTINA: Tucumán, San Miguel de Tucumán.
12-XI-1960, Exp. Mus. La Plata coll.

minutum, *Brachyplatycerus* De Santis

1972 a. *Rev. per. Ent.* 15: 50.

- Holotype, female, MLP nro. 2679/1 (M.S.).
ARGENTINA: Misiones, Loreto.
31-XII-1929, Ogloblin coll.

bucculentus, *Calliencyrtus* De Santis

1959. *Actas Trab. I Congr. Sudamer. Zool.* 3: 63.

- Holotype, female, MLP nro. 1937/1 (M.S.).
BRAZIL: San Pablo, Barueri.
30-V-1959, Lenko coll.

gigas, *Cerchysus* Erdoes

1955 b. *Allatt. Közlemén.* 45 (1-2):40, 41, 47.

- Paratypes (2), females, MLP nro. 1996/1-2.
HUNGARY: Gardony
10-VII-1953, Erdoes coll.

albinotatus, *Cheiloneurus* De Santis

1964. *An. Com. Invest. Cient. Prov. Bs. As.* 4: 351- 353, figs. 187- 189.

- Holotype, female, MLP NRO. 1970/1 (M.S.).
ARGENTINA: Buenos Aires, Baradero.
19-I-1960, Exp. Mus. La Plata coll.
- Paratype, female, MLP nro. 1970/2 (M.S.).
ARGENTINA: Buenos Aires, Cazón.
11-II-1960, Exp. Mus. La Plata coll.

angulatus, *Cheiloneurus* De Santis

1964. *An. Com. Inv. Cient. Prov. Bs. As.* 4: 345- 347, figs. 181- 183.

- Holotype, female, MLP nro. 1997/1 (M.S.).
ARGENTINA Buenos Aires, Cazón.
14-II-1960, Exp. Mus. La Plata coll.
- Paratype, female, MLP nro. 1997/2.
12-II-1960, Exp. Mus. La Plata coll.

cristatus, *Cheiloneurus* De Santis

1964. *An. Com. Inv. Cient. Prov. Bs. As.* 4: 337- 340, figs. 168- 171.

- Holotype, female, MLP nro.1969/1 (M.S.).
ARGENTINA Buenos Aires, Eva Perón [La Plata].
II - 1954, Balcedo coll.
- Allotype, male, MLP nro.1969/2 (M.S.).
Same data as Holotype.
- Paratype, female, MLP nro. 1969/3 (M.S.).
Same data as Holotype.

elegans elegantissimus, *Cheiloneurus* De Santis

1964. *An. Com. Inv. Cient. Prov. Bs. As.* 4: 343- 345, figs. 178- 180.

- Holotype, female, MLP nro. 1968/1.
ARGENTINA: Mendoza, Chacras de Coria.
25-II-1957, Exp. Mus. La Plata coll.
- Paratypes (5), females, MLP nro. 1968/2-6 (M.S.).
Same data as Holotype.
- Paratype, female, MLP nro.1968/7.
ARGENTINA: Mendoza, Mendoza city.

25-II-1957. Exp. Mus. La Plata coll.

Observations: the holotype was obtained from a coccid on "quilla-quilla".

longisetaceus, *Cheiloneurus* De Santis

1939. *Notas Mus. La Plata Zool.* 4 (24): 334.

- Holotype, female, MLP nro.1967/1 (M.S.).
ARGENTINA: Buenos Aires, Baradero.
I-1937, De Santis coll.
- Allotype, male, MLP nro.1967/2 (M.S.).
ARGENTINA: Buenos Aires, Delta del Paraná.
VII-1938, Torres coll.

Observations: the allotype was collected from *Coccus hesperidum* (Hemiptera, Coccidae) on "citrus".

loretanus, *Cheiloneurus* De Santis

1972 a. *Rev. per. Ent.* 15: 60.

- Holotype, female, MLP nro. 2680/1 (M.S.).
ARGENTINA: Misiones, Loreto.
10-IX-1930, Ogloblin coll.

aphelinoides, *Cibdeloencyrtus* De Santis

• 1964. *An. Com. Invest. Cient. Prov. Bs. As.* 4: 210- 211, fig. 93.

- Holotype, female, MLP nro. 1955/1 (M.S.).
ARGENTINA: Buenos Aires, Baradero.
19-I-1960, Exp. Mus. La Plata coll.

blanchardi, *Coccidencyrtoides* De Santis

1954. *Bol. Lab. Zool. Gen. Agrar. Filippo Silvestri, Portici* 33: 194.

Coccidencyrtus (in De Santis 1964).

- Holotype, female, MLP nro. 1958/1 (M.S.).
ARGENTINA: Chubut, Puerto Lobos.
II-1951, Torres & De Santis coll.
- Paratype, female MLP nro. 1958/2 (M.S.).
Same data as Holotype.

Observations: obtained from *Paradiaspis lize-riana* (Hemiptera, Diaspididae); one paratype of this species was sent to Dr. Compere (Riverside, California, USA).

obesus, *Coccidencyrtus* De Santis.

1964. *An. Com. Invest. Cient. Prov. Bs. As.* 4: 221- 223, fig. 98.

- Holotype, female, MLP nro. 1957/1 (M.S.).
ARGENTINA: La Pampa, Toay.
30-I-1958, Exp. Mus. La Plata coll.
- Paratype, female, MLP nro. 1957/2 (M.S.).
ARGENTINA: La Pampa, Santa Rosa.
26-I-1958, Exp. Mus. La Plata coll.

pretiosus, *Coccidencyrthus* Mercet
1921. *Madrid Mus. Nac. Cs. Nat.*:281.

- Paralectotype, MLP nro. 4107/1
SPAIN: Cercedilla.
Without date, Bolivar coll.

tucumanus, *Coccidoxenus* De Santis

1964. *An. Com. Invest. Cient. Prov. Bs. As.* 4: 251-253, fig. 120.

- Holotype, female, MLP nro. 1994/1.
ARGENTINA: Tucumán, San Miguel de Tucumán.
XII-1957, Terán coll.

maculipennis, *Comperencyrtus* De Santis

1964. *An. Com. Invest. Cient. Prov. Bs. As.* 4: 108-109, fig. 37.

- Holotype, male, MLP nro. 1942/1 (M.S.).
ARGENTINA: Buenos Aires, Balcarce.
10-II-1961, Exp. Mus. La Plata coll.

desantisii, *Copidosoma* Annecke and Mynhardt

1974. *J. ent. Soc. sth. Afr.* 37: 32.

- Holotype, female, MLP nro. 4121/1.
USA: California, Albany.
1973, Caltagirone coll.
- Paratypes (35), MLP nro. 4121/2-36.
CHILE: Limache
Without date and collector data.
- Paratypes (33), 24 males and 9 females, MLP nro. 4121/37-69 (M.S.)
Same data as Paratypes.

oeceticola, *Copidosoma* De Santis

1950. *Notas Mus. La Plata* 15, *Zool.* 132: 21.
Apsilophrys (in De Santis 1964: 297).

- Syntype, female, MLP nro. 1974/1.
ARGENTINA: Buenos Aires, Cazón.
IX-1938, De Santis coll.

trifasciata, *Desantisella* De Santis

1972 b. *An. Soc. Entomol. Brasil* 1 (1): 22.

- Holotype, female, MLP nro. 1972/1 (M.S.).
BRAZIL: Alagoas.
11-I-1971, Mendonça Filho coll.
- Allotype, male, MLP nro. 1972/2 (M.S.).
Same data as Holotype.
- Paratypes (6), females, MLP nro. 1972/3-8 (M.S.).
Same data as Holotype.

blanchardi, *Dicarnosis* De Santis

1972 a. *Rev. peru. Ent.* 15: 48.

- Holotype, female, MLP nro.2681/1 (M.S.).

ARGENTINA: San Juan, without locality.

11-II-1939, Oglobin coll.

ogloblini, *Dicarnosis* De Santis

1972 a. *Rev. peru. Ent.* 15: 48.

- Holotype, female, MLP nro.1940/1 (M.S.).
ARGENTINA: Misiones, Loreto.
21-II-31, Oglobin coll.

ripariensis, *Dicarnosis* Kerrich

1978. *Zool. J. Lin. Soc.* 62 (2): 109- 139.

- Paratype, sex not determined, MLP nro. 4124/1.
USA: California, Riverside.
10-VII-1964, Dangerling coll.

Observations: obtained from *Phenococcus gossypii* (Hemiptera, Pseudococcidae) on *Solanum* sp. (Solanaceae)

fiorentinoi, *Dionencyrtus* De Santis

1985 b. *Spixiana* 8(3): 259-260.

- Holotype, female, MLP nro. 4132/1.
ARGENTINA: Santiago del Estero, Los Pirpintos.
1982, Fiorentino-Bellomo coll.
- Allotype, male, MLP nro. 4132/2
Same data as Holotype.
- Paratypes (68), MLP nro. 4132/3-71.
Same data as Holotype.

Observations: obtained from *Criodion angustatum* (Coleoptera, Cerambycidae).

semifacta, *Ectroma* De Santis

1972 a. *Rev. peru. Ent.* 15: 52.

- Holotype, female, MLP nro.1989/1 (M.S.).
ARGENTINA: Misiones, Loreto.
XI-1932, Oglobin coll.

josephi, *Echthroplexiella* De Santis

1965. *Notas Com. Invest. Cient. Prov. Bs. As.* 2(9): 4.

- Holotype, male, MLP nro.1977/1 (M.S.).
ARGENTINA: Buenos Aires.
9-IX-1960, Rapoport coll.

huemul, *Encyrtolalces* De Santis

1985 a. *Rev. chil. Ent.* 12: 9.

- Holotype, male, MLP nro.4133/1.
CHILE: Magallanes, P. Espora.
Without date and collector data.

Observations: antenna of holotype in M.S. nro. 4133/1.

flavicollis, *Encyrtolophus* De Santis

1972 a. *Rev. peru. Ent.* 15: 49.

- Holotype, female, MLP nro. 4135/1.
ARGENTINA: Misiones, Loreto.
13-IV-1932, Ogloblin coll.
 - Paratype, female, MLP nro. 4135/2 (M.S.).
Same data as Holotype.
 - Paratype, sex not determined, MLP nro. 4135/3 (M.S.).
Same data as Holotype except 5-II-1930.
- Observations:** the M.S. 4135/3 has only a pair of wings.

haywardi, *Encyrtus* De Santis

1964. *An. Com. Invest. Cient. Prov. Bs. As.* 4: 330- 332, figs 166-167.
- Holotype, female, MLP nro. 4292/1.
ARGENTINA: Entre Ríos, Concordia.
1938, Hayward coll.

Observations: reared from *Ceroplastes* sp. (Hemiptera, Coccidae) on *Baccharis punctulata* (Compositae). The date of collection in the original description is XII – 1936.

homopteryx, *Encyrtus* Fidalgo

1983. *Acta zool. lilloana* 37 (1): 69.
- Paratype, female, MLP nro. 4104/1.
ARGENTINA: Jujuy, Puesto Viejo.
19-XII-1972. Zimermann – Erb – Fidalgo colls.
 - Paratype, male, MLP nro. 4104/2.
Same data as female Paratype.

Observations: obtained from *Ceroplastes* sp. (Hemiptera, Coccidae) on “leguminous”.

sacchari, *Encyrtus* Annecke

- (1962) [1963]. *J. ent. Soc. S. Afr.* 25: 178.
- Paratypes (2), MLP nro. 4112/1-2.
SOUTH AFRICA: Edgcombe.
V - 1961, Annecke coll.

gloriosa, *Gonzalezia* De Santis

1964. *An. Com. Inv. Cient. Prov. Bs. As.* 4: 294- 295, figs. 142- 144.
- Holotype, female, MLP nro.1976/1.
ARGENTINA: La Rioja, San Miguel.
25-I-1962, Exp. Mus. La Plata coll.
 - Allotype, male, MLP nro.1976/2.
Same data as Holotype.

Observations: wing and antenna of holotype, and wing of allotype are on M.S. nro. 1976/1-2.

setigera, *Habrolepis* Annecke & Mynhardt

1970. *Entomophaga* 15: 135.
- Paratypes (2), MLP nro. 4116/1-2.

SOUTH AFRICA: Nelspruit.
XI - 1961, Cilliers coll.

pseudococcina, *Hambletonia* Compere

1936. *Proc. Haw. Ent. Soc.* 9: 173.
- Paratype, female, MLP nro. 1962/1 (M.S.).
BRAZIL: San Pablo.
10-VII-1935, Hambleton coll.

Observations: reared from *Pseudococcus brevipes* (Hemiptera, Pseudococcidae).

albisetosa, *Helmecephala* Noyes

1980. *Bull. Br. Mus. nat. Hist. (Ent.)* 41(3): 201.
Meniscocephalus (in: De Santis 1989).
- Paratype, female, MLP nro. 4127/1.
TRINIDAD: Saint Patrick.
14-VII-1976, Noyes coll.

casali, *Hemencyrtus* De Santis

- 1967 a. *Acta zool. lilloana* 23: 69.
- Holotype, female, MLP nro. 1981/1 (M.S.).
ARGENTINA: Misiones, San Pedro.
III-1966, Casals & García colls.

kuscheli, *Hemencyrtus* De Santis

1955. *Rev. chil. Ent.* 4: 193.
Deloencyrtus (in De Santis 1967a. *Acta zool. lilloana* 23: 68).
- Paratypes (2), females, MLP nro. 1964/1-2 (M.S.).
CHILE: Quebrada de las Vacas, Masafuera, Islas de Juan Fernández.
17-I-1952, Kuschel coll.
 - Paratype, female, MLP nro. 1964/3.
Same data of Paratypes.

blanchardi, *Hexacladia* De Santis

1964. *An. Com. Invest. Cient. Prov. Bs. As.* 4: 116- 118, fig. 40.
- Holotype, male MLP nro.1941/1 (M.S.).
ARGENTINA: Buenos Aires, Baradero.
22-I-1960, Exp. Mus. La Plata coll.

Observations: the holotype sample is fragmented and mounted on two M.S. with the same number.

cristulata, *Hoplopsis* De Santis

- 1972 a. *Rev. peru. Ent.* 15:56.
- Holotype, female, MLP nro.1983/1 (M.S.).
ARGENTINA: Misiones, Loreto.
24-V-1932, Ogloblin coll.

Observations: antenna of holotype is on M.S. nro. 1983/2.

malenotus, *Leptomastix* De Santis

1972 a. *Rev. peru. Ent.* 15: 44.

- Holotype, female, MLP nro. 2682/1 (M.S.).
ARGENTINA: Misiones, Loreto.
10-V-1932, Ogloblin coll.

montivagus, *Leptomastix* De Santis

1964. *An. Com. Invest. Cient. Prov. Bs. As.* 4: 86-88, fig. 24.

- Holotype, female, MLP nro. 1936/1 (M.S.).
ARGENTINA: La Pampa, Potrillo Oscuro.
27-I-1958, Exp. Mus. La Plata coll.

primus, *Lirencyrtus* Noyes

1980. *Bull. Br. Mus. nat. Hist. (Ent.)* 41(3): 208.

- Paratype, female, MLP nro. 4130/1.
BRASIL: Nova Teutonia.
9-VII-1943, Plaumann coll.
- Paratype, female, MLP nro. 4130/2.
Same data except 8-VIII-1935.
- Paratype, male, MLP nro. 4130/3.
Same data except 18-V-1943.

brethesi, *Litomastix* Blanchard

1936. *Rev. Soc. Entomol. Argent.* 8: 15.

- Sintypes (7), females, MLP nro. 2682/1-7 (M.S.).
URUGUAY: Montevideo.
7-I-1933. Without collector.
- Syntypes (11), females, MLP nro. 2682/8-18 (M.S.).
Same data as Syntypes.

Observations: obtained from *Rachiplusia nu* (Lepidoptera, Noctuidae); the mouth parts of the specimen are on M.S. nro. 2682/19; thorax, abdomen and legs of the specimen on M.S. nro. 2682/20.

gahani, *Lochitoencyrtus* De Santis

1964. *An. Com. Invest. Cient. Prov. Bs. As.* 4: 264-267, figs- 127-129.

- Holotype, female, MLP nro. 1960/1
ARGENTINA: Santa Fe.
XI - 1960, Zapata Gollán coll.
- Allotype, male, MLP nro. 1960/2 (M.S.).
ARGENTINA: Entre Ríos, Paraná.
IV - 1944, Elías coll.

Observations: obtained from leaf-galls of *Sapium haemospermum* (Euphorbiaceae). Head and wing of holotype are on a M.S. with the same number.

albitegula, *Meromyzobia* De Santis

1986. *Neotropica* 31 (86): 176.

- Holotype, female, MLP nro. 2676/1.
ARGENTINA: Misiones, Loreto.
Without date, Ogloblin coll.

flavipes, *Meromyzobia* De Santis

1972 a. *Rev. peru. Ent.* 15: 52.

- Holotype, female, MLP nro. 2685/1 (M.S.).
ARGENTINA: Misiones, Loreto.
10-V-1936, Ogloblin coll.

gripha, *Meromyzobia* De Santis

1968. *Rev. Mus. La Plata n.s. Zool.* 10: 152.

- Holotype, male, MLP nro. 2684/1 (M.S.).
ARGENTINA: Buenos Aires, Bahía Blanca.
29-XI-1959, Rapoport coll.
- Allotype, female, MLP nro. 2684/2 (M.S.).
ARGENTINA: Buenos Aires, Los Acantilados.
17-XII-1968, De Santis coll.

capensis, *Metaphycus* Annecke and Mynhardt

1969 a. *Rev. Zool. Bot. Afr.* 83: 322-360.

- Paratypes (2), MLP nro. 4119/1-2.
SOUTH AFRICA: Hangklip.
X-1969, Insley coll.

galbus, *Metaphycus* Annecke

1964. *Entomology Mem. Dep. agric. tech. serv. Repub. S. Afr.*, Pretoria 7: V + 1-74.

- Paratypes (2), MLP nro. 4118/1-2
SOUTH AFRICA: Nelspruit.
X-1961, Cilliers coll.

Observations: obtained from *Saissetia hemisphaerica* (Homoptera, Coccidae) on "citrus".

judithae, *Microterys* Annecke

1965. *J. ent. Soc. sth. Afr.* 28: 225.

- Paratype, female, MLP nro. 4113/1.
SOUTH AFRICA: Hennops River.
II-1964, Mynhardt coll.

nikolskajae, *Microterys* Erdoes

1955 a. *Acta Zool. Budap.* 1: 207.

- Paratype, female, MLP nro. 2000/1
HUNGARY: Tompa
13-VII-1950, Erdoes coll.
- Paratype, female, 2000/2.
HUNGARY: Kelebia
10-VII-1950, Erdoes coll.

pudaspidis, *Microterys* Annecke

(1962)[1963]. *J. ent. Soc. South Afr.* 25: 171.

- Paratypes (3), MLP nro. 4122/1-3.

SOUTH AFRICA: Piemaars poort
IX-1961, Annecke coll.

flavipes, *Neapsilophrys* Noyes

1980. *Bull. Br. Mus. nat. Hist. (Ent.)* 41(3): 216.

- Paratype, female, MLP nro. 4129/1.
BRAZIL: Nova Teutonia.
16-XI-1944, Plaumann coll.
- Paratype, female, MLP nro. 4129/2.
Same data except 30 - III - 1945.

bimaculatus, *Neoanisotylus* De Santis

1939. *Notas Mus. La Plata, Zool.* 4 (24): 331.

- Holotype, female, MLP nro.1948/1-2 (M.S.).
ARGENTINA: Río Negro.
VI-1937, Griot coll.
- Allotype, male, MLP nro. 1948/1-2 (M.S.).
Same data as Holotype.

Observations: obtained from Diptera or Coleoptera. Holotype and allotype are on the same M.S.

crouzelae, *Neococcidencyrtus* De Santis.

1964. *An. Com. Invest. Cient. Prov. Bs. As.* 4: 233- 235, figs. 111 a 113.

- Holotype, female, MLP nro.1959/1 (M.S.).
ARGENTINA: Río Negro, Choele Choel.
XI-1959, I. Santoro de Crouzel coll.
- Allotype, male, MLP nro. 1959/2 (M.S.).
ARGENTINA: Buenos Aires, La Plata.
XII-1961, De Santis L. coll.
- Paratypes, females (2), MLP nro. 1959/3-4 (M.S.).
Same data as Holotype.
- Paratypes, females (2), MLP nro. 1959/5-6 (M.S.).
ARGENTINA: Buenos Aires, La Plata.
12-XII-1961, De Santis - Suárez cols.
- Paratype, female, MLP nro. 1959/7 (M.S.).
Same data except XII - 1961, De Santis coll.
- Paratypes, males (5), MLP nro.1959/8-12 (M.S.).
Same data as Allotype.
- Paratype, female, MLP nro.1959/13.
ARGENTINA: Choele Choel.
31-I-1930, Costa Lima coll.
- Paratypes (10), females, MLP nro.1959/14-23
ARGENTINA: Buenos Aires, La Plata
XII- 1961, De Santis coll.

Observations: the holotype was reared from *Hemiberlesia rapax* (Hemiptera, Diaspididae) on *Ribes* sp. (Saxifragaceae) The paratypes M.S. nro. 1959/11-12 were reared from Coccoidea Diaspididae. The Paratypes nro.1959/5-6-13

were not mentioned in the original description. The M.S. 1959/9 has only parts of a sample.

guttofasciatus, *Notoencyrtus* De Santis.

1964. *An. Com. Inv. Cient. Prov. Bs. As.* 4: 212-214, figs. 94.

- Paratype, female, MLP nro.1992/1.
ARGENTINA: Tierra del Fuego, Bahía Aguirre.
14-II-1949, Núñez coll.

dirphiae, *Ooencyrtus* De Santis

1988. *An. Soc. brasil. Ent.* 17(1): 167.

- Holotype, MLP nro. 4134/1.
BRAZIL: Gongoninhas.
28-I-1980, Borges coll.
- Allotype, male, MLP nro. 4134/2.
Same data as Holotype.
- Paratypes (4), 2 females y 2 males, MLP nro. 4134/3-6.
Same data as Holotype.
- Paratypes (3), females, MLP nro. 4134/7-9 (M.S.).
Same data as Holotype.
- Paratypes (2), males, MLP nro. 4134/10-11 (M.S.).
Same data as Holotype.

Observations: obtained from *Dirphia araucariae* eggs (Lepidoptera, Saturnidae).

trinidadensis venatorius, *Ooencyrtus* De Santis and Vidal in De Santis *et al.*

1976. *Rev. Soc. Entomol. Argent.* 35 (1-4): 139-142, figs. 3-5-7 y 9.

- Paratypes (50), females. MLP nro. 2686/1-50 (M.S.).
VENEZUELA: Caracas.
VIII-1973, Rabinovich coll.
- Paratypes (12), males. MLP nro. 2686/51-62 (M.S.).

Observations: obtained from *Rhodnius prolixus* (Hemiptera, Reduviidae). The locality, date and collector data of the paratypes are different of those mentioned in the original description.

confusor, *Papaka* Noyes

1980. *Bull. Br. Mus. nat. Hist. (Ent.)* 41(3): 218.

- Paratype, female, MLP nro. 4128/1.
BRAZIL: Santa Catharina, Nova Teutonia.
14-X-1949, Plaumann coll.

calidus, *Paraceraptocherus* Annecke

1967. *Trans. R. ent. Soc. Lond.* 119: 141.

- Paratypes (4), MLP nro. 4115/1-4.
SOUTH AFRICA: Pretoria.

XI-1965, Annecke coll.

Observations: obtained from *Ceroplastes sinoiae* (Hemiptera, Coccidae) on "jacaranda" (Bignoniaceae).

teciae, *Paralitomastix* Blanchard

1940. *An. Soc. Cient. Argent.* 130: 107.

- Sintypes (2), females, MLP nro. 1982/1-2 (M.S.). ARGENTINA: Mendoza.
- XI-1938, Blanchard coll.

Observations: reared from *Tecia mendozana* (Lepidoptera, Gelechiidae).

bifasciata, *Paranusia* Bréthes

1913. *An. Mus. Nac. Hist. Nat. Bs. As.* 24: 102.

- Syntype, female, MLP nro.1984/1 (M.S.). ARGENTINA: Buenos Aires, General Urquiza (Capital Federal).
- III-1912, Bréthes coll.

Observations: obtained from *Dactylopius* sp. (Hemiptera, Dactylopiidae) and *Eriococcus brasiliensis* (Hemiptera, Eriococcidae).

trjapitzini, *Parasauleia* Hoffer

1964. *Acta entom. bohemosl.* 65: 379-385.

- Paratypes (2), females, MLP nro. 1998/1-2.
- CHECK REPUBLIC: Occidental Moravia, Mohelmo.
- 1964, Hoffer coll.

flaviclava, *Parastenoterys* De Santis

1964. *An. Comis. Invest. Cient. Prov. Bs. As.* 4: 95- 97, figs. 28, 29.

- Holotype, female, MLP nro. 1938/1 (M.S.). ARGENTINA: Buenos Aires, Eva Perón [La Plata]. 19-X-1953, Balcedo coll.
- Allotype, male, MLP nro. 1938/2 (M.S.). Same data except 17-II-1954.
- Paratype, male, MLP nro. 1938/3 (M.S.). Same data except 26-III-1953.
- Paratype, sex not determined, MLP nro.1938/4 (M.S.). ARGENTINA: Tucumán, Villa Padre Monti. 28-I al 7-II-1948, Golbach coll.
- Paratypes (2), females, MLP nro. 2001/5-6. Same data except 21-I al 7-II-1948.

flavicornis, *Parastenoterys* De Santis

1967 a. *Acta zool. lilloana* 23: 74.

- Holotype, female, MLP nro. 1980/1 (M.S.). ARGENTINA: Misiones, San Pedro.
- III-1966, Casals & García colls.

perhispidus, *Parastenoterys* De Santis

1964. *An. Comis. Invest. Cient. Prov. Bs. As.* 4: 97- 99, figs. 30- 32.

- Holotype, female, MLP nro. 1939/1 (M.S.). ARGENTINA: Tucumán, San Javier. 17-X-1958, Exp. Mus. La Plata coll.
- Allotype, male, MLP nro. 1939/2 (M.S.). ARGENTINA: Buenos Aires, La Plata III-1954, Balcedo coll.
- Paratype, female, MLP nro.1939/3 (M.S.). Same data except VII – 1954.

bonariensis, *Pelmatencyrtus* De Santis

1964. *An. Com. Inv. Cient. Prov. Bs. As.* 4: 126- 127, figs. 45- 46.

- Holotype, female, MLP nro.1944/1 ARGENTINA: Buenos Aires, Cazón. 9-II-1960, Exp. Mus. La Plata coll.

Observations: head and antennae of holotype are on M.S. nro. 1944/1

bruchi, *Pheidoloxenus* De Santis

1957 b. *Notas Mus. La Plata* 19 (Zool. 174): 122. *Aeptencyrtus* (in: De Santis 1964: 121).

- Holotype, female, MLP nro.1943/1 (M.S.). ARGENTINA: Buenos Aires, Eva Perón [La Plata]. III-1954, Balcedo coll.
- Paratype, female nro.1943/3 (M.S.). ARGENTINA: Mendoza, Mendoza. 21-II-1957, Exp. Mus. La Plata coll.
- Paratype, female, nro.1943/4 (M.S.). ARGENTINA: Mendoza, El Borbollón. 25-II-1957, Exp. Mus. La Plata coll.

Observations: there is a male allotype M.S. nro. 1943/2, in which the locality and date are different from those mentioned in the original description.

quadriceps, *Platylyca* De Santis

1972 a. *Rev. peru. Ent.* 15: 58.

Neococcidencyrtus (in De Santis & Fidalgo 1994).

- Holotype, female, MLP nro. 4798/1 (M.S.). ARGENTINA: Misiones, Loreto. 5-VI-1933, Oglobin coll.

Observations: antenna of holotype is on M.S nro. 4798/1.

bicarinatus, *Prionomastix* De Santis

1964. *An. Com. Inv. Cient. Prov. Bs. As.* 4: 179- 181, fig. 79.

P. fasciatipennis (in: De Santis 1979: 237).

- Holotype, female, MLP nro.1950/1 (M.S.).
ARGENTINA: Buenos Aires, Punta Lara.
II-1955, De Santis coll.

Observations: the M.S. is labelled as *Aprionomastix bicarinatus*, but it is enmended as *Prionomastix* by the author.

aciculatus, *Protanagyrus* Blanchard

1940. *An. Soc. Cient. Arg.* 130: 115.

Anagyrus (in: De Santis 1964: 56).

- Syntype, female, MLP nro.2687/1 (P.M).
ARGENTINA: Entre Ríos, Concordia.
V-1939, Hayward coll.

Observations: obtained from *Eriococcus* sp. (Hemiptera, Eriococcidae). De Santis (1964) mentioned three females but in the collection there is only one.

proximus, *Protyndarichus* De Santis

1945. *Notas Mus. La Plata* 10 (Zool. 85): 125.

Parechthrodryinus Girault (in De Santis 1981).

Mahencyrtus (in De Santis & Fidalgo 1994: 61).

- Holotype, female, MLP nro. 2001/1 (M.S.).
ARGENTINA: Cereal Region.
VII-1944, Brugnoni coll.

griseus, *Pseudaphycus* De Santis

1947. *Rev. Soc. Entomol. Argent.* 13: 283.

- Holotype, female, MLP nro.1949/1 (M.S.).
ARGENTINA: Buenos Aires, La Plata
V-1946, De Santis coll.
- Allotype, male, MLP nro.1949/2 (M.S.)
Same data as Holotype.
- Paratypes, females (39), males (21) MLP nro.
1949/3-22 (M.S.).
Same data as Holotype except VIII-1953.

Observations: on *Pseudococcus* sp. (Hemiptera, Pseudococcidae) in *Oeceticus kirbyi* larval case (Lepidoptera, Psychidae). The paratypes are mounted on M.S.

desantisiellus, *Rhopus* Ghesquière

1957. *Neotropica* 3: 18.

- Holotype, female, MLP nro. 1932/1 (M.S.).
ARGENTINA: Buenos Aires, La Plata.
30-IV-1952, Balcedo coll.
- Allotype, male, MLP nro.1932/2 (M.S.).
Same data as Holotype.

vianai, *Solenaphycus* De Santis

1972 a. *Rev. peru. Ent.* 15: 54.

- Paratypes (5), females, MLP nro. 4125/1-5 (M.S.).
ARGENTINA: Córdoba, Calamuchita.

III – 1969, Viana coll.

- Paratypes (3), males, MLP nro. 4125/6-8 (M.S.).
Same data of female Paratypes.

Observations: collected on "cochinillas".

platensis, *Solenocyrtus* De Santis

1964. *An. Com. Inv. Cient. Prov. Bs. As.* 4: 207-209, fig. 92.

- Holotype, female, MLP nro.1954 (M.S.).
ARGENTINA: Buenos Aires, La Plata.
10-I-1952, Bonino coll.

bacchae, *Syrphidencyrtus* Blanchard

1940. *An. Soc. Cient. Arg.* 130: 107.

Syrphophagus (in De Santis & Fidalgo 1994:50).

- Sintypes (2), females, MLP nro.1945/1-2 (M.S.).
ARGENTINA: Chaco, Presidente Roque Sáenz Peña.

Without date, Denier coll.

Observations: obtained from *Baccha clavata* (Diptera, Syrphidae).

flavitibiae, *Syrphidencyrtus* De Santis

1964. *An. Com. Invest. Cient. Prov. Bs. As.* 4: 133, figs. 51- 52.

Syrphophagus (in De Santis & Fidalgo 1994: 50).

- Holotype, female, MLP nro. 1947/1 (P.M).
ARGENTINA: Buenos Aires, San Nicolás.
IX-1952, Galván coll.

Observations: obtained from *Baccha clavata* (Diptera, Syrphidae).

nigricornis, *Syrphidencyrtus* De Santis

1964. *An. Com. Inv. Cient. Prov. Bs. As.* 4: 129-131, figs. 47- 49.

Syrphophagus (in De Santis & Fidalgo, 1994: 50)

- Holotype, female, MLP nro.1946/1 (M.S.).
ARGENTINA: Buenos Aires, Cazón.
12-II-1960. Exp. Mus. La Plata.
- Allotype, male, MLP nro. 1946/2 (M.S.).
ARGENTINA: Buenos Aires, Cazón.
14-II-1961. Exp. Mus. La Plata.
- Paratypes (3), females, MLP nro.1946/3-5
ARGENTINA: Buenos Aires, Cazón.
14-II-1960. Exp. Mus. La Plata.
- Paratypes (2), females, MLP nro.1946/6-7
Same data except 14-II-1961.
- Paratypes (2), females, MLP nro. 1946/8-9 (M.S.).
ARGENTINA: Buenos Aires, Cazón.
12-I-1960, Exp. Mus. La Plata.

Observations: in the original description all the material has the same date, 14-II-1960.

cecidium, *Syrphophagus* De Santis and Fernandes
1989. *Ent. News* 100 (1): 32.

- Holotype, female, MLP nro.2688/1.
BRAZIL: Minas Gerais, Bello Horizonte.
23-XI-1981, Fernandes coll.
- Allotype, male, MLP nro. 2688/2.
Same data as Holotype.
- Paratype, male, MLP nro. 2688/3.
Same data as Holotype.
- Paratype, female, MLP nro. 2688/4 (M.S.).
Without collector and locality data.

chilensis, *Syrphophagus* De Santis
1966. *Notas Com. Invest. Cient. Bs. As.* 3(9): 7.

- Holotype, female, MLP nro.1978/1
CHILE: La Cruz.
IV-1966, Matar coll.
- Paratypes (2), females, MLP nro.1978/2-3.
Same data as Holotype.
- Paratype, sex not determined, MLP nro. 1978/4 (M.S.).
Same data except V- 1966.

Observations: collected on Syrphidae (Diptera).

gracilicornis, *Syrphophagus* De Santis
1964. *An. Com. Inv. Cient. Prov. Bs. As.* 4: 191-194, figs. 83- 85.

- Holotype, female, MLP nro.1952/1 (M.S.).
ARGENTINA: Tucumán, San Miguel de Tucumán.
12-XI-1960, Exp. Mus. La Plata coll..
- Allotype, male, MLP nro.1952/2 (M.S.).
Same data as Holotype.
- Paratype, female, MLP nro.1952/3 (M.S.).
ARGENTINA: Buenos Aires, Eva Perón [La Plata].
IV-1954, Balcedo coll.
- Paratype, female, MLP nro.1952/4 (M.S.).
ARGENTINA: Mendoza, Mendoza City.
20-II-1957, Exp. Mus. La Plata coll.

nubeculus, *Syrphophagus* De Santis
1964. *An. Com. Cient. Prov. Bs. As.* 4: 194- 195, fig. 86.

- Holotype, female, MLP nro.1951/1 (M.S.).
ARGENTINA: Neuquén, Lago Currú-Hué Grande
25-II-1955, Torres & De Santis colls.

silvestrii, *Tachardiobius* De Santis
1954. *Boll. Lab. Zool. Gen. Agra. Portici* 33: 188.

- Holotype, female MLP nro. 1656/1 (M.S.).
ARGENTINA: Chubut, Puerto Madryn.
II-1951, Torres & De Santis colls.

- Paratype, female MLP nro.1956/2 (M.S.).
Same data as Holotype.

divisor, *Tanyencyrtus* De Santis
1972a. *Rev. peru. Ent.* 15: 57.

- Holotype, female, MLP nro. 4106/1 (M.S.).
ARGENTINA: Misiones, Loreto.
12-VI-1934, Ogloblin coll.
- Allotype, male, MLP nro. 4106/2 (M.S.).
Same data as Holotype.
- Paratypes (2), females, MLP nro. 4106/3-4 (M.S.).
Same data as Holotype.
- Paratypes (3), females, MLP nro. 4106/5-7.
Same data as Holotype.

Observations: obtained from Lepidoptera larvae on *Sesbania* sp. (Leguminosae), there are parts of the host with the material.

silvicola, *Tyndarichus* De Santis
1967a. *Acta zool. lilloana* 23: 71.

- *Oobius* (in De Santis 1972a: 60).
- Holotype, female, MLP nro. 1979/1 (M.S.).
ARGENTINA: Misiones, San Pedro.
III-1966, Casal and García colls.

Observations: a pair of wings of the female holotype is on M.S. nro. 1979/2.

bellator, *Xiphomastix* De Santis
1972a. *Rev. peru. Ent.* 15: 46.

- Holotype, female, MLP nro. 2691/1 (M.S.).
ARGENTINA: Misiones, Loreto.
12-IV-1934, Ogloblin coll.

nigriceps, *Xiphomastix* De Santis
1972a. *Rev. peru. Ent.* 15: 46.

- Holotype, female MLP nro. 2692/1 (M.S.).
ARGENTINA: Misiones, Loreto.
22-IV-1931, Ogloblin coll.

putophilus, *Zarhopalus* Bennett
1957. *Can. Ent.* 89: 571.

- Paratypes (2), females, MLP nro. 4247/1-2.
TRINIDAD N.I.I.C.T.A.
V-1953.

Observations: obtained from *Puto* sp. (Hemiptera, Pseudococcidae) on *Glirricidia* sp. (Leguminosae).

Types of uncertain status

dimorpha, *Hazinburkia* Hoffer

- Paratype, Female, MLP nro.1999/1

- ČSRČ Středohoří, Harmbuk
8-VI-1943, Hoffer coll.

Observation: the original description can not be found.

hungaricus, *Pseudaphycus* Erdoes

- Paratype, female, MLP nro.1991/1.
HUNGARY: Budapest, Villonyi.
1-IX-1955, Kosstarb coll.
- Paratype, male, MLP nro.1991/2.
Same data except 2-IX-1955.

matranum, *Copidosoma* Erdoes

- Adelphototype, female, MLP nro.1993/1
HUNGRIA: Mátra
16-VII-1953, Erdoes coll.
- Adelfotipo, male, MLP nro.1993/2
Same data.

Observations: the original description can not be found.

piceae, *Hungariella* Erdoes

1946. *Ann. hist. nat. Mus. nat. hung.* 39: 144.

Arhopoideus (in De Santis 1979: 189).
Tetracnemoidea (in De Santis 1981: 11).

- Adelphototype, female, MLP nro.1988/1.
HUNGRIA: Kaloçsa
30-V-1951, no collector data.
- Adelphototype, male, MLP nro.1988/2.
Same data.

vanderplanki, *Metaphycus* Annecke and Mynhardt

- Paratypes (4), MLP nro. 4117/1-4.
SWITZERLAND: without locality.
VII-1970, Leroux coll.

viriosus, *Baeoplatycerus* De Santis

- Holotype, female, MLP nro. 4120/1.
BRAZIL: San Pablo, Piracicaba.
XII - 1972, Menezes coll.
- Paratypes (3), females, MLP nro. 4120/2-4.
Same data of Holotype.

Observations: collected on *Dysmicoccus brevipes* (Hemiptera, Pseudococcidae). The original description can not be found.

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LITERATURE CITED

- ANNECKE, D. P. (1962) [1963]. Records and description of African Encyrtidae 1 (Hymenoptera: Chalcidoidea). *Journal of the entomological Society of South Africa* 25: 170- 191.
- ANNECKE, D. P. 1964. The Encyrtid and Aphelinid parasites (Hymenoptera: Chalcidoidea) of the soft brown scale *Coccus hesperidum* Linnaeus (Hemiptera: Coccidae) in south Africa. *Entomology Mem. Dep. agric. tech. serv. Repub. S. Afr., Pretoria* 7: V + 1-74
- ANNECKE, D. P. 1965. Records and descriptions of African Encyrtidae 3 (Hymenoptera: Chalcidoidea). *Journal of the entomological Society of South Africa* 28: 217- 229.
- ANNECKE, D. P. 1967. The genera *Anicetus* Howard, 1896, *Paraceraptrocercus* Girault, 1920 and allies, with description of new genera and species (Hymenoptera: Encyrtidae). *Transaction of the Royal entomological Society of London* 119: 99-169.
- ANNECKE, D. P. 1969. Records and descriptions of African Encyrtidae 5 (Hymenoptera: Chalcidoidea). *Journal of the entomological Society of South Africa* 32: 443-459.
- ANNECKE, D. P. & M. J. MYNHARDT. 1969 a. The species of the *Zebratus*-group *Metaphycus* Mercet (Hymenoptera: Encyrtidae) from South Africa with notes on some extralimital species. *Revue Zool. bot. Afr.* 83: 322- 360.
- ANNECKE, D. P. & M. J. MYNHARDT. 1969 b. On the genera *Alloцерellus* Silvestri, 1915 and *Erencyrtus* Mahdihassan, 1923. in South Africa. *Revue Zool. Bot. Afr.* 82: 85- 110.
- ANNECKE, D. P. & M. J. MYNHARDT. 1970. On some species of *Habrolepis* Foerster and *Adelencyrtus* Ashmead (Hymenoptera: Encyrtidae) in southern Africa and Mauritius. *Entomophaga* 15: 127- 148.
- ANNECKE, D. P. & M. J. MYNHARDT. 1974. On the identity of *Copidosoma koehleri* Blanchard (Hymenoptera: Encyrtidae). *Journal of the entomological Society of South Africa* 37(1): 31- 33.
- BENNET, F. D. 1957. Trinidad Encyrtidae II. Some additional mealybug parasites. The *Canadian*

- Entomologist* 89: 569- 572.
- BLANCHARD, E. E. 1936. Apuntes sobre calcidoideos argentinos, nuevos y conocidos. *Rev. Soc. Entomol. Argen.* 8: 7- 32.
- BLANCHARD, E. E. 1940. Apuntes sobre encírtidos argentinos. *Anales de la Sociedad Científica Argentina* 130: 106- 128.
- BRÈTHES, J. 1913. Himenópteros de la América Meridional. *Anales del Museo Nacional de Historia Natural de Buenos Aires* 24: 35- 165.
- COMPÈRE, H. 1936. A new genus and species of Encyrtidae parasitic in the pineapple mealybug, *Pseudococcus brevipes* (Ckl.). *Proceedings of the Hawaiian entomological Society* 9: 171- 174.
- DE SANTIS, L. 1939. Sobre dos nuevos Encírtidos hallados en la República Argentina con descripción de un nuevo género (Hymenoptera, Chalcidoidea). *Notas del Museo de La Plata, Zoología* 4 (24): 329- 338.
- DE SANTIS, L. 1945. Descripción de un nuevo encírtido de la República Argentina (Hymenoptera, Chalcidoidea). *Notas del Museo de La Plata Zoología* 10(85): 123- 128.
- DE SANTIS, L. 1947. Dos nuevos calcidoideos interesantes (Hymenoptera, Chalcidoidea). *Rev. Soc. Entomol. Argent.* 13: 281- 291.
- DE SANTIS, L. 1950. Comensalismo, predatorismo y parasitismo relacionado con el bicho de cesto (*Oiketicus kirby* Guild.). *Notas del Museo de La Plata, Zoología* 15(32): 17- 36.
- DE SANTIS, L. 1954. Nota sobre himenópteros parásitos de dos cochinillas patagónicas. *Bolletino del Laboratorio di Entomologia Agraria "Filippo Silvestri" di Portici* 33: 187- 197.
- DE SANTIS, L. 1955. Los insectos de las Islas Juan Fernández 27. Chalcidoidea 1 (Hymenoptera). *Revista chilena de Entomología* 4: 167- 198.
- DE SANTIS, L. 1957a. Anotaciones sobre Calcidoideos Argentinos (Hymenoptera). *Notas del Museo de La Plata, Zoología.* 19(173): 107- 119.
- DE SANTIS, L. 1957b. Descripción de un nuevo Encyrtido mirmecófilo de la República Argentina (Hymenoptera: Chalcidoidea). *Notas del Museo de La Plata, Zoología* 19(174): 121- 127.
- DE SANTIS, L. 1959. Descripción de un nuevo género y de una nueva especie de encírtido del Brasil. *Actas y Trabajos del Primer Congreso Sudamericano de Zoología* 3: 61- 65.
- DE SANTIS, L. 1964. Encírtidos de la República Argentina (Hymenoptera: Chalcidoidea). *Anales de la Comisión de Investigaciones Científicas de la Provincia Buenos Aires* 4: 9- 422.
- DE SANTIS, L. 1965. Una nueva especie de "*Echthroplexiella*" de la República Argentina (Hymenoptera: Encyrtidae). *Notas de la Comisión de Investigaciones Científicas de la Provincia de Buenos Aires* 2(9): 1- 6.
- DE SANTIS, L. 1966. Nuevos himenópteros chilenos parásitos de dípteros. *Notas de la Comisión de Investigaciones Científicas de la Provincia de Buenos Aires* 3(9): 1- 8.
- DE SANTIS, L. 1967a. Adiciones a la fauna Argentina de Encírtidos I (Hymenoptera; Chalcidoidea). *Acta zoológica lilloana* 23: 67- 75.
- DE SANTIS, L. 1967b. *Catálogo de los himenópteros argentinos de la Serie Parasítica, incluyendo Bethyloidea*. Publicación de la Comisión de Investigaciones Científicas de la Provincia de Buenos Aires: 1-337.
- DE SANTIS, L. 1968. Adiciones a la fauna argentina de Encírtidos II. *Revista del Museo de La Plata nueva serie, Zoología* 10: 149- 154.
- DE SANTIS, L. 1970. Una especie de encírtido del Brasil. *Boletim da Universidade Federal do Paraná, Zoología* 4(3): 13- 15.
- DE SANTIS, L. 1972a. Adiciones a la fauna argentina de Encírtidos III (Hymenoptera: Chalcidoidea). *Revista peruana de Entomología* 15: 44- 60.
- DE SANTIS, L. 1972b. Complejo entomofágico de *Aclerda campinensis* (Hom.) en el estado de Alagoas (Brasil). *Anais da Sociedade entomológica do Brasil* 1(1): 17- 24.
- DE SANTIS, L. 1979. *Catálogo de los himenópteros calcidoideos de América al Sur de los Estados Unidos*. Publicación especial de la Comisión de Investigaciones Científicas de la Provincia de Buenos Aires, 488pp.
- DE SANTIS, L. 1980. *Catálogo de los himenópteros brasileños de la Serie Parasítica incluyendo Bethyloidea*. Editora da Universidade Federal do Paraná, Curitiba, 395pp.
- DE SANTIS, L. 1981. *Catálogo de los himenópteros calcidoideos de América al Sur de los Estados Unidos*. Primer Suplemento. *Revista peruana de Entomología* 24(1):1-38.
- DE SANTIS, L. 1985a. Nuevo género y nueva especie de encírtido de Chile. 1985. *Revista chilena de Entomología* 12: 9- 10.
- DE SANTIS, L. 1985b. Two new genera and species of oophilous encyrtids from Argentina. *Spixiana* 8(3): 259-263.
- DE SANTIS, L. 1986. Descripción de un nuevo encírtido (Hym.) de la República Argentina (Insecta). *Neotrópica* 31(86): 176.

- DE SANTIS, L. 1988. Tres calcidoideos (Hymenoptera) Brasileños parasitoides de los huevos de *Dirphia araucariae*. *Anais da Sociedade entomológica do Brasil* 17(1): 165- 171.
- DE SANTIS, L. 1989. Catálogo de los himenópteros calcidoideos de América al Sur de los Estados Unidos. Segundo suplemento. *Acta Entomológica Chilena* 15: 9- 90.
- DE SANTIS, L. 1998. Chap. 39. Chalcidoidea. In: *Biodiversidad de Artrópodos Argentinos. Una perspectiva Biotaxonómica*. J. J. Morrone & S. Coscarón (Directores). Ediciones Sur, 599 pp..
- De Santis, L. & C.W. Fernandes. 1989. Brazilian parasitoids of gall-forming insects: two new chalcidoid species and host records. *Entomological News* 100(1): 29- 36.
- DE SANTIS, L. & P. FIDALGO. 1994. Catálogo de los himenópteros calcidoideos de América al Sur de los Estados Unidos. Tercer Suplemento. *Serie de la Academia Nacional de Agronomía y Veterinaria* 13: 1- 154.
- DE SANTIS, L., J. A. VIDAL SARMIENTO, E. E. RABINOVICH & D. FELICIANGELLI DE PIÑERO. 1976. Himenópteros parasitoides de "*Rhodnius prolixus*" (Hem..) en Venezuela. *Rev. Soc. Entomol. Argent.* 35(1-4): 135- 142.
- DIAZ, N. B. & M. S. LOIÁCONO. 1995. Los ejemplares tipo de Cynipoidea (Hymenoptera) depositados en la colección del Museo de La Plata. *Serie Técnica y Didáctica* Nro. 20. Universidad Nacional de La Plata, Facultad de Ciencias Naturales y Museo.
- DURANTE, S. P. & N. B. DIAZ. 1998. Los ejemplares tipo de Apoidea (Hymenoptera) depositados en la colección del Museo de La Plata. *Serie Técnica y Didáctica* Nro. 33. Universidad Nacional de La Plata, Facultad de Ciencias Naturales y Museo.
- ERDOES, J. 1946. Genera nova et species novae Chalcidoidarum (Hym.) *Ann. hist. nat. Mus. hung., Budapest* 39: 131-165.
- ERDOES, J. 1955a. Encyrtidae novae hungariae et regionum finitimarum. *Acta Zool, Budapest* 1: 187- 229.
- ERDOES, J. 1955b. Observaciones de insectis nocivis quorumque parasitis in *Phragmites vulgaris* Lam. *Állatt. Közlemén.* 45(1- 2): 35- 48.
- FIDALGO, A. P. 1983. Contribución al conocimiento del género *Encyrtus* Latreille en la República Argentina (Hymenoptera, Chalcidoidea, Encyrtidae). *Acta zoologica lilloana* 37(1): 69- 75.
- GAHAN, A. B. 1949. Identity of the *Anagyrus* that parasitizes the pineapple mealybug (Hymenoptera: Chalcidoidea: Encyrtidae). *Proceedings of the Hawaiian Entomological Society* 18: 357- 360.
- Ghesquière, J. 1957. Le Genre *Rhopus* Foerster nouveau pour l'Amérique du Sud (Hym. Chalcidoidea, Encyrtidae). *Neotrópica* 3: 18.
- GRISSELL, E. E. & M. E. SCHAUFF. 1990. *A Handbook of the families of Nearctic Chalcidoidea (Hymenoptera)*. *Entomological Society of Washington* 1: 85 pp.
- HOFFER, A. 1964. Zwei Gattungen der Familie Encyrtidae (Hym. Chalcidoidea), neu für Europe. *Acta entomologica bohemoslovaca* 65: 379- 385.
- INTERNATIONAL CODE OF ZOOLOGICAL NOMENCLATURE. 1999. Edition adopted by the International Union of Biological Sciences.
- KERRICH, G. J. 1978. A revision of the dinocarsiine Encyrtidae with a study of the genus *Pelmaticyrtus* De Santis (Hymenoptera: Chalcidoidea). *Zoological Journal of the Linnean Society* 62 (2): 109- 139.
- LAVETT SMITH, C. & M. BUERKLI. 1969. Should paratypes be included in lists of type specimens? *Systematic Zoology* 18(2): 247- 250.
- LOIÁCONO, M. S. & N. B. DIAZ. 1996. Los ejemplares tipo de Proctotrupeoidea y Ceraphronoidea (Hymenoptera) depositados en la colección del Museo de La Plata. *Serie Técnica y Didáctica* Nro. 23. Universidad Nacional de La Plata, Facultad de Ciencias Naturales y Museo.
- MERCET, R. G. 1921. Fauna Ibérica; Himenópteros, fam. Encírtidos. *Museo Nacional de Ciencias Naturales, Madrid*: 1- 732
- NOYES, J. S. 1980. A review of the genera of Neotropical Encyrtidae Hymenoptera Chalcidoidea). *Bulletin of the British Museum of Natural History (Entomology)* 41(3): 177- 218.

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