



## Curt Schrottky (1874–1937): South American entomology at the beginning of the 20<sup>th</sup> century (Hymenoptera, Lepidoptera, Diptera)

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### Abstract

Curt Schrottky was one the early European entomologists to reside in South America. Caught in the midst of personal and political conflicts, he still amazed to propose 593 new names in Hymenoptera (from sawflies to bees), Diptera (black flies, Simuliidae) and Lepidoptera (tiger moths, Arctiidae) between 1901 and 1922. Many of his primary types (syntypes and holotypes) were originally in his private collection, which were partially destroyed, and the remaining part scattered among multiple institutions. Other type specimens were exchanged before the destruction of his main collection to institutions in South America, USA, and Europe. The present catalog provides a complete list of the taxa proposed by Schrottky, including a bibliography of his 86 entomological publications. The catalog also lists all valid names proposed by Schrottky with details on the nomenclature, sex, type locality, and type repository for 126 known surviving types, representing 23% of all species-group taxa proposed by Schrottky. The remaining types (77%) are most likely lost. A brief biography is followed by a discussion of where to locate and how to treat original types and neotypes of Schrottky.

**Key words:** Andrenidae, Apidae, Argidae, Braconidae, Chalcididae, Cimbicidae, Colletidae, Crabronidae, Eulophidae, Eupelmidae, Eurytomidae, Gasteruptionidae, Halictidae, Ichneumonidae, Megachilidae, Monomachidae, Mutillidae, Pergidae, Podagrionidae, Pompilidae, Scoliidae, Sphecidae, Tenthredinidae, Tiphiidae, Torymidae, Trigonalysidae, Vespidae, Simuliidae, Arctiidae, biography

## Introduction

Biological studies of plants and animals are often launched by inspiring mentors and literature. At the very end of the 19<sup>th</sup> century several important entomological textbooks came out in Europe, inspiring a generation of young bee researchers: Otto Schmiedeknecht (1847–1936) provided a scholarly example of revisionary work of European bees (Schmiedeknecht 1882–1884, 1885–1886) and Karl Wilhelm von Dalla Torre (1850–1928) indefatigably and single-handedly cataloged in ten volumes all Hymenoptera species described prior to the 1890s (bees; Dalla Torre 1896). Certainly the blooming interest among young students in flowers and flower visits by insects must also have been inspired by contemporary publications of Hermann Müller (1829–1883; Müller 1873), Paul Erich Otto Wilhelm Knuth (1854–1899; Knuth 1898–1905) and Heinrich Gustav Adolf Engler's (1844–1930) monographic series of plant families (“Das Pflanzenreich: Regni vegetabilis conspectus”). Two young men from Europe, Adolf (Adolpho) Ducke (1876–1959) and Kurt (Curt<sup>1</sup>) Schrottky (1874–1937; Figs. 1–2), both went to Brazil around this time and took with them, the books, the interest for bees, and the scholarly approach learned from their academic mentors.

A century later, the scientific contribution of each of these two scientists is easy to appreciate. Ducke left bee research in favor of botanical studies, turning into one of the most respected authorities on the Amazonian flora (Egler 1963; Nascimento & Overall 1979). Schrottky remained with the bees and is among the elite when counting numbers of new taxa described from South America. A recently compiled list of authors of new (valid) bee species in South and Central America (Moure *et al.* 2007), places Schrottky after, in descending order, Heinrich Friese (1860–1948; Rasmussen & Ascher 2008), Theodore Dru Alison Cockerell (1866–1948; Weber 1965, 2000; Zuparko 2007), Jesus Santiago Moure (b. 1918; Melo & Alves-dos-Santos 2003; Urban 2003), Joseph Vachal (1838–1911; Buysson & Nussac 1913), Frederick Smith (1805–1879; Baker 1993), and Danúncia Urban. Whereas most of these scientists had or have professional affiliations with museums, and their type material are available for study when necessary, Schrottky had only momentarily ties to academia, and much of the material described by him as new taxa are today either widely scattered or lost. Given that Schrottky proposed 593 new names in Hymenoptera (from sawflies to bees), Diptera (black flies, Simuliidae) and Lepidoptera (tiger moths, Arctiidae), including a large number of taxa in highly diverse—and in South America taxonomically yet unrevised genera—such as *Megachile*, *Prosopis* (now *Hylaesus*), and *Augochlora*, it is of great importance to provide a comprehensive treatment of the taxa proposed by Schrottky, provide a list of known type repositories, and trace the origin of type material received and described by Schrottky. This will facilitate access to all of the available information on Schrottky's type material and summarize information useful for locating toptotypical specimens, specimens from the original type series not labeled as types, or not seen, by Schrottky, and last, provide a sound basis for designating lecto- and neotypes when necessary.

## Schrottky biography

As a number of papers (Grissell 1979; Silveira 1994a, 1994b; De Santis 1996) already pointed out, there is no source for a Schrottky biography. Minor references to his life are found in the literature (Sachtleben 1938; Lizer y Trelles 1947; Carpenter 1953; Townes & Townes 1966; Horn *et al.* 1990), although not always providing consistent information. Additional bits of information on Schrottky's life can be gathered through his famous father-in-law Moisè Giacomo (Moisés Santiago) Bertoni (1857–1929; Baratti & Candolfi 1994; Baratti & Candolfi 1999) and the preserved correspondence between M.S. Bertoni and Schrottky now in the Archivo Nacional de Asunción, Paraguay. Further documents regarding the life of Schrottky are in the archives of Museu Paulista, São Paulo, Brazil. In addition to these sources, we searched the complete scientific production of Schrottky for additional information, in particular for insight to his whereabouts during the active period as collector and scientist (1897–1922).

Curt Schrottky was born October 21, 1874 in Petrokov, Russia (now Piotrków Trybunalski, Poland). He

had German citizenship and attended German high-school in both Berlin and Breslau (now Wrocław, Poland). After high-school, Schrottky worked at the Hoffman machine shop in Breslau before migrating to Brazil. Contrary to Ducke (1897, 1898, 1899), Schrottky did not start publishing on entomological discoveries from Europe. Starting out in January 1897 collecting bees and other insects in Jundiá, São Paulo (Brazil), Schrottky soon found that assistance was necessary for identifying the many tropical insects and began corresponding with Friese in 1899 (see Friese 1900, 1901("1900")). Schrottky's insect collecting around the state of São Paulo eventually resulted in the completion during July 1901 of a manuscript on the Brazilian bees (in particular those of São Paulo state), complete with keys, description of 62 new taxa, as well as two color chromolithographs produced by Werner & Winter of Frankfurt, Germany (Figs. 3–4; Schrottky 1902). Before this monograph went to press, Schrottky read Ducke's account of the flowers visited by bees in Pará (Ducke 1901), and probably felt inspired to present his own biological observations from São Paulo along with a short discussion on the phenological differences between the two states (Schrottky 1901). During the São Paulo period Schrottky became familiar with Hermann Friedrich Albrecht von Ihering (1850–1930) at the MPSP (see Appendix 1 for a list of museum acronyms) and was hired by von Ihering as a janitor at MPSP on April 24th, 1900. Eventually Schrottky started curating the Hymenoptera collection at MPSP by January 1901 (yearly reports in *Revista do Museu Paulista*; Pinto 1945). Ihering observed that Schrottky retained a private insect collection, but during his tenure at MPSP Schrottky could legally only collect new material for the museum collection according to his contract. He also relied much on insects received from the other scientists and technicians at the MPSP (*i.e.*, Bicego, Ehrhardt, Garbe, Hempel, Ihering, Lima, Lüderwaldt, see Table 2 for full name of all collectors associated with Schrottky), as well as other insect collectors from the state of São Paulo (*i.e.*, Beron, Dittrich, Labrottel).

Already in July 1901, Schrottky announced that he would leave his position at MPSP by December. However, before the end of the year, Schrottky's father passed away in Germany and Schrottky decided to return to Europe to collect his inheritance. He took his German girlfriend, Francisca Schummacker, from São Paulo to Rio de Janeiro to embark for Germany, but was arrested by the police on charges of kidnapping before they could leave the country. Schrottky had not sought the approval of Mrs. Luiza Schummacker, the mother, who then made the denunciation. Following the incident, Schrottky was relieved from his contract with MPSP on August 5, 1901, and soon after, Schrottky abandoned both Brazil and his young love.

Following his few years in Brazil, Schrottky moved briefly to Buenos Aires, Argentina, where he prepared a series of papers on Hymenoptera during April (or earlier) and July 1902. In Buenos Aires he met and contacted a number of scientists and collectors, notably Jean (Juan) Brèthes (1871–1928), then the newly appointed curator at MACN, but also Autran, Gerling, Lehmann-Nitsche, Lynch, and Venturi; the latter becoming the largest supplier of new material for Schrottky during this period. At least with Autran, Schrottky would engage in exchange of specimens, including types, whereas he may only have purchased specimens from some of the others.

Despite these early residences in Brazil and Argentina, Schrottky is most often associated with Paraguay. Following the visit to Buenos Aires, Schrottky went on to Villa Encarnación or just Encarnación, in the state of Itapúa, Paraguay, along the Paraná river almost 400 km SE of Asunción. At the time of Schrottky's arrival it was a small but important trading town with 4000 native inhabitants and about 30–35 German settlers (Vallentin 1907), in addition to the nearby small German colony of Hohenau, 35 km NE of Encarnación. In Encarnación Schrottky soon found himself working as an accountant in one of the trading stores, but truly for a scientific mind such as Schrottky's, the *Tierra Incognita* of Paraguay was irresistible. In one of the early papers from Paraguay (Schrottky 1904) he wrote that with respect to Hymenoptera, no country is probably as poorly known, as that of Paraguay. He initially counted only 26 species reported from Paraguay, excluding ants, but was able to add 28 new records after his first two years of collecting, while cautioning that the vast



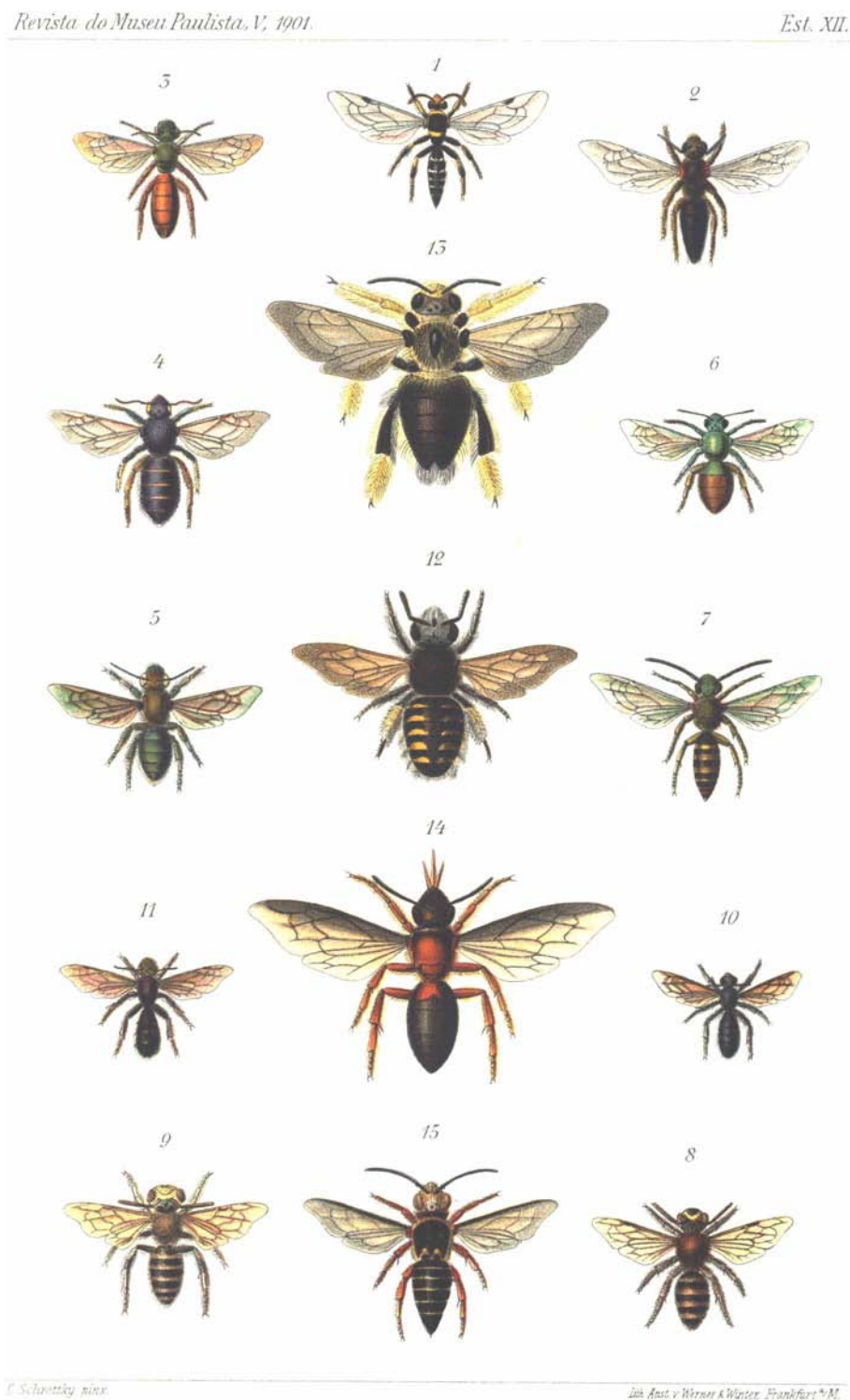
**FIGURE 1.** Schrottky in an undated portrait (before 1905). Reproduced here through the courtesy of Editha Schubert, Image Archive (Pslg 3763), Senckenberg Deutsches Entomologisches Institut, Müncheberg, Germany.



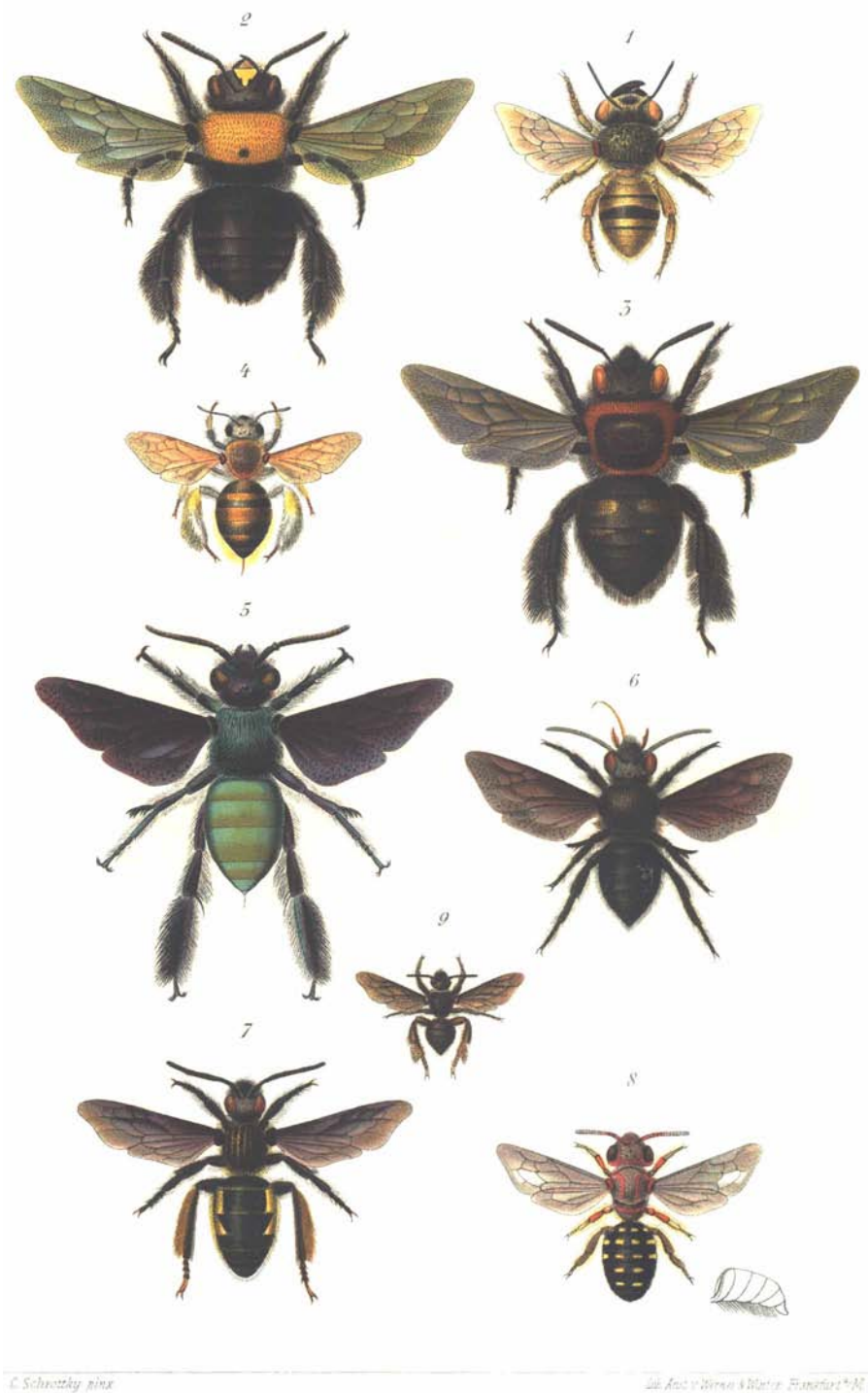


**FIGURE 2.** Schrottky in a portrait from about 1912. Originally presented by Misiones (Inés) Bertoni, widow of Schrottky, to Jesus S. Moure. Reproduced here through the courtesy of Gabriel A.R. Melo, Universidade Federal do Paraná, Curitiba, Brazil.

majority of this collection remained undetermined. Not surprisingly, Encarnación became the type locality of 80 new taxa named by Schrottky. In March 1905, Schrottky wrote the Swiss scientist M.S. Bertoni in Puerto Bertoni, Alto Paraná, Paraguay, who shortly thereafter edited and published a series of Schrottky's papers (Schrottky 1905a, 1906a, 1907a) and also provided Schrottky with plant identifications (letter from Schrottky to M.S. Bertoni, reproduced in Figure 5). More importantly, at least for the Hymenoptera, was the son of Bertoni, Arnaldo da Winkelried Bertoni (1878–1973; Garcete-Barrett 1998). A.W. Bertoni was an avid collector and naturalist, and partially as a result Puerto Bertoni is recorded as the type locality of 87 taxa



**FIGURES 3.** Color chromolithograph by Werner & Winter of Frankfurt, Germany and issued in the “Ensaio sobre as Abelhas Solitárias do Brasil” as plate 12 and 13.



**FIGURES 4.** Color chromolithograph by Werner & Winter of Frankfurt, Germany and issued in the “Ensaio sobre as Abelhas Solitárias do Brasil” as plate 12 and 13.

named by Schrottky. Given the close relationship with the Bertoni family, Schrottky was hired as the private secretary for M.S. Bertoni after he left his position in Encarnación in March 1908, and soon after, in July 1908 he married the daughter of M.S. Bertoni, Misiones (Inés) Bertoni (1884–1969). Following their marriage, Schrottky moved to Puerto Bertoni until 1910 when he left his position with M.S. Bertoni. In the following years, he would move around on Alto Paraná and work as accountant in different stores as well as on his farm.



In 1911 he was based in Paranambu, Alto Paraná, but also the same year both in Encarnación (working for casa comercial, commercial house, Domingo Barthe S.A.; exporting yerba maté, tobacco, and timber, and involved in steam-boat transport on Alto Paraná) and Posadas, in Misiones Prov., Argentina, opposite Encarnación on the Paraná river. Schrottky worked during 1912 for the general store “San Jorge” with J.J. Damús in Puerto Cantera, Itapúa, and later in 1913 in Posadas. Finally from 1913 to 1919 he worked in Puerto Cantera again (working for the founders of that colony, Rafael & Marcelino Herrera Vegas from Buenos Aires). Eventually Schrottky renounced work in Puerto Cantera and moved to Posadas in 1919. The last papers by Schrottky were written from back in Puerto Bertoni (Schrottky 1920, 1922). For the last 15 years of his life, Schrottky did not leave any trace in the scientific literature. He did not give up writing, however, and from June 1920 and for a while he edited a weekly German language newspaper in the Alto Paraná area read by settlers (“Wochenblatt für den Alto Parana: Organ aller Deutschsprechenden am Alto Parana”). Schrottky passed away in 1937 in Montecarlo, Misiones, Argentina, on the Paraná river and not far downstream from Puerto Bertoni (Sachtleben 1938). He left behind his wife, Inés, and four children (including Sigisfredo (Fifí), Alice Fredisbundis, and Aída Esther).

During the first decade of the 20<sup>th</sup> century, Schrottky had established himself in the entomological world. His frequent travels within South America had provided him with a network of collectors throughout the continent (for a personal account of the life of an early explorer, see Woytkowski 1978). Schrottky would receive much material from Argentina through Bruch and Jørgensen, from Paraguay through Anisits (*e.g.*, 900 specimens for identification in a single lot), from Peru collected by Garlepp, and through the dealers of exotic insects in Germany, H. Rolle in Berlin and Dr. O. Staudinger & A. Bang-Haas in Dresden. Some of these contacts went beyond the strictly scientific, indeed Jørgensen heartily thanked Schrottky for both friendship and neighborhood in a paper (Jørgensen 1912) – referring to neighborhood spanning Paraguay and Bonpland in Argentina.

Paraguay was a politically unstable nation during Schrottky’s residence. The most serious political conflict during the rule of the Partido Liberal was the civil war of May 1922–July 1923. Hans Bischoff (1889–1960), Hymenoptera curator at ZMHB from 1921 until 1955, supposedly received a letter from Schrottky, indicating that part of Schrottky’s collection (except some bees and wasps) were destroyed during this conflict (Sachtleben 1938; Townes & Townes 1966). Unfortunately no correspondence from Schrottky exists in the archives at ZMHB (M. Ohl, pers. comm.), so we lack precise information about the extent of this loss. Father Moure confirms that the collection was lost during the conflict, as he met Inés Bertoni de Schrottky in Puerto Bertoni in the 1940s, who told Moure that the revolutionary troops entered their house and destroyed the entomological boxes with their bayonets (G.A.R. Melo, pers. com.). The revolutionary troops led by lieutenant colonels Adolfo Chirife and Pedro Mendoza were inspired by ex-president Eduardo Schaerer (1873–1941; President 1912–1916) in a revolt against ruling president Eusebio Ayala (1875–1942; President 1921–1923 and 1932–1936). Schrottky’s Encarnación in particular was the single major port held by the insurgents and was the scene of several battles until loyalist forces took control in November 1922. The loss of Schrottky’s collection would likely have been during the insurgent occupation of Encarnación from June to November 1922, when the impoverished revolutionaries would turn to looting and assaults of the haciendas (*e.g.*, as reported by newspaper “La Vanguardia”, Cataluña, December 9th, 1922). It is noteworthy that although the publication rate of Schrottky had been declining since 1913, with a single very productive year in 1920, Schrottky completely abandoned science after 1922, at the age of 48, and never published again on entomology. This may well have been a consequence of the loss of his entomological collection during the civil war. Lizer y Trelles (1947), who corresponded with Schrottky, suggested that Schrottky’s valuable collection was instead lost in the fire of Encarnación [following a tornado on September 20<sup>th</sup>, 1927]. Thus the reasons and extent of losses of the Schrottky collection remain somewhat obscure. Schrottky published on butterflies (Schrottky 1909a) and collected insects in general belonging to groups he never described. The part of the collection destroyed by soldiers and by fire could have been largely the general collection, but this remains speculative.



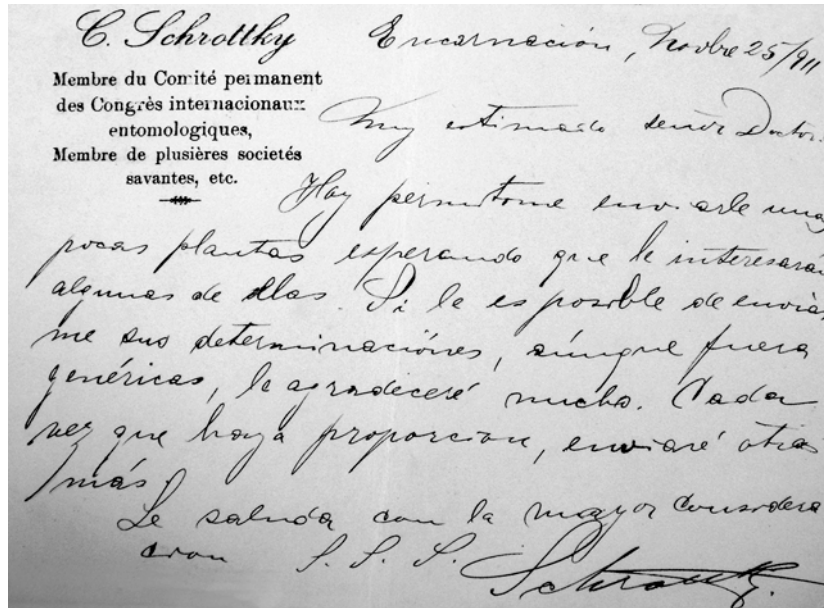


FIGURE 5. Original letter from Schrottky to M.S. Bertoni requesting help with plant identifications (dated September 25, 1911).

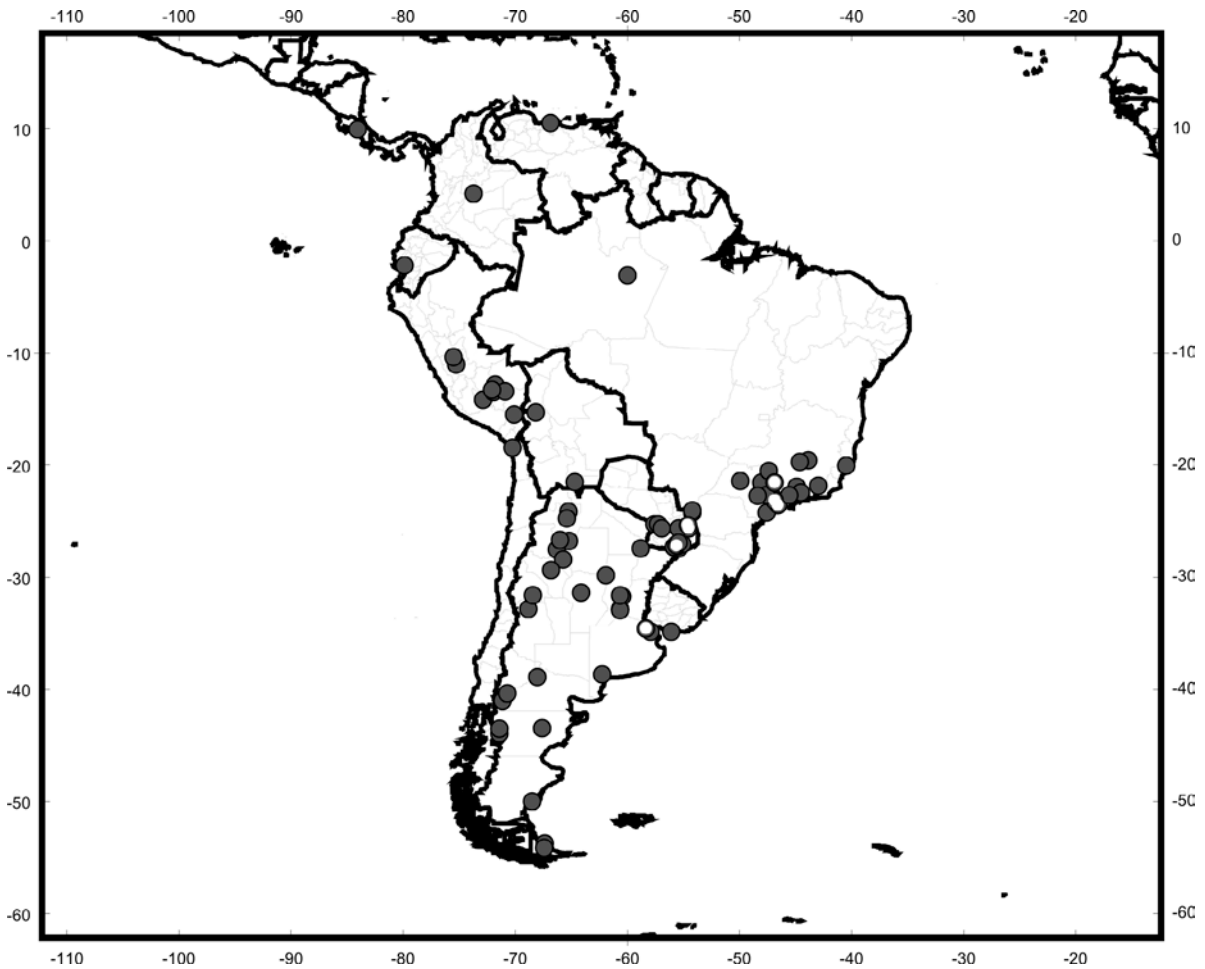


FIGURE 6. Map of South and Central America indicating the localities of new taxa described by Schrottky. Localities where Schrottky himself collected new taxa are indicated by white dots. Coordinates and further information about each locality is provided in Table 2.

## Schrottky's importance and contribution

Between 1902 and 1920 Schrottky described 503 new species and 42 new subspecies of insects ranging from Costa Rica to Argentina (Fig. 6). Schrottky also erected 22 new genera, 5 new subgenera, and 6 new family-group names of Hymenoptera. Of non-Hymenoptera he named a new tiger moth (Lepidoptera: Arctiidae) genus and described 11 new species, he was also concerned about the black-flies (Diptera: Simuliidae) around the Paraná River and described three new species. Clearly Schrottky's main interest was bees and 434 of the new taxa he described were bees, followed by 46 new sphecid taxa (Crabronidae, Sphecidae), 38 ichneumonid taxa (Braconidae, Ichneumonidae), 21 mainly solitary vespids (Vespidae), 15 sawflies (Argidae, Cimbicidae, Pergidae, Tenthredinidae), and several other groups of less importance by number of taxa added by Schrottky. Nine names of Schrottky were replacement names for those of his own and others while inadvertently he introduced 9 *nomina nuda* by reporting manuscript species names, without providing a description. Particular genera worked on by Schrottky were *Megachile* (73 new taxa proposed), *Hylaeus* (as *Prosopis*; 53), *Coelioxys* (24), *Augochlora* (*sensu lato*) (22), *Ceratina* (14), and *Sphecodes* (13).

Schrottky was detailed and rigorous by contemporary standards in his accounts, providing detailed descriptions of morphology accompanied with biological information whenever possible. His genus-group and family-group classifications were based on ideas of relationships, in particular as inferred from morphology. Schrottky was therefore not late in discovering and eliminating artificial relationships, e.g., based on color among the *Centris* groups proposed by Friese (Schrottky 1906a) and since often confirmed (Michener 2007). Schrottky would not refrain from direct language when he came across poor descriptions made by his colleagues, or felt that descriptions based on mutilated specimens, or using only color as a specific character, were against good science (e.g., Schrottky 1909b, 1911). He followed the code of ICZN meticulously and published four papers explaining his view on priority of *Centris* versus *Hemisia* (Schrottky 1905b, 1909("1910"), 1910, 1914). Schrottky would synonymize his own taxa whenever he felt it was appropriate; however, he clearly had access to and read the literature and if someone placed his new taxa as junior subjective synonyms of older authors, he responded to the synonymy (e.g., Schrottky 1906b; Schrottky 1907c).

In recognition of Schrottky's work and collecting, he had many new taxa named in his honor by colleges, including these listed by Zoological Record: A.W. Bertoni (*Monobia schrottkyi*, *Proterosphex schrottkyi*); Mario Bezzi (*Dicranus schrottkyi*, *Haplomera schrottkyi*); Brèthes (*Alastor schrottkyi*, *Chrysis schrottkyi*, *Monodontomerus schrottkyi*, *Odynerus schrottkyi*, *Pepsis schrottkyi*, *Perhymenes schrottkyi*, *Telenomus schrottkyi*); Friese (*Schrottkya*, *Epicharis schrottkyi*, *Pachycentris schrottkyi*, *Trigona schrottkyi*); Manfredo A. Fritz (*Liogorytes schrottkyi*); Giacomelli (*Thymelicus schrottkyi*); Hempel (*Icerya schrottkyi*); Eduardo Ladislao Holmberg (*Coelioxys schrottkyana*); Ihering (*Zethus schrottkyanus*); Jørgensen (*Colletes schrottkyi*, *Tetralonia schrottkyi*); Friedrich Wilhelm Konow (*Acordulecera schrottkyi*); Theodore Bertis Mitchell (*Schrottkyapis*); Moure (*Oxystoglossa schrottkyi*); James Abram Garfield Rehn (*Eurotettix schrottkyi*); Gyözö (Viktor) Szépligeti (*Ipobracon schrottkyi*); Vachal (*Megachile schrottkyi*); and Abraham Willink (*Microbembex schrottkyi*).

## Schrottky types and depositories

Schrottky never deposited his personal collection officially in any Museum. He worked mostly as an amateur and kept his collection private. However, he would often visit Museums in Brazil, Argentina, and Uruguay, leaving behind identified and typical material. His main source of material was that of his own and the collection of A.W. Bertoni, as well as an extensive exchange, loan, and purchase of material from fellow collectors, many of European origin and recently established in South America. As indicated above, the personal part of Schrottky's collection was fractured by both war and natural disaster. Some of his surviving collection of bees and wasps went to Hans Jacob in Hohenau after the death of Schrottky (Sachtleben 1938;

Horn *et al.* 1990). The Jacob collection, including Schrottky specimens, was later obtained by Zikàn (Townes & Townes 1966; Horn *et al.* 1990). Some of these specimens are now, through donation of Carlos Alberto Campos Seabra, at FIOC (Ferraz 1997). Other types were distributed by Zikàn to other institutions, including two holotypes (*Centris garleppi* and *C. unifasciata*) at DZUP, collected by Garlepp and bought by Schrottky from the German insect dealership Staudinger & Bang-Haas (Schrottky 1913). These specimens were unique holotypes and must clearly have belonged to the personal collection of Schrottky that went via Jacob to Zikàn, thereby documenting that it was not the entire personal collection of Schrottky that was lost as assumed previously.

Schrottky also stated that insect types were in the personal collections of Anisits, Autran, Beron, A.W. Bertoni, Lynch, and Jørgensen, as well as the museums that he explicitly named in his papers: DEI (as D.E.N.M. or Deutsches Entomologisches National-Museum), MACN, MLP, MNHN, and MPSP (see Appendix 1 for explanation of abbreviations). The yearly reports in *Revista do Museu Paulista* reported that Schrottky both determined and donated material (*e.g.*, 1899–1900, 1906–1909, 1910–1912, 1914, 1919), including presumably as paid collector in 1910 (Brazil, Paraná, near Guaíra). Schrottky type material can therefore be traced following either of these collections (see Table 1 for known actual repository of the different private collections). Schrottky occasionally returned typical or identified material to his collectors. For instance, he was unable to confirm a new combination for his *Aphilodyctium nigripenne*, as the type material had been returned to Jørgensen, the collector of the material (Schrottky 1915). Schrottky also corresponded with many scientists in the USA (*e.g.*, William Harris Ashmead (1855–1908; USNM), Cockerell (USNM, AMNH, and many others), Rehn (1881–1965; ANSP)), Europe, and South America where additional material may be encountered. Typical material of Schrottky in MSNG was purchased by Paolo Magretti (1854–1913) during a single transaction in September 1901, including species and syntypes from his newly finished manuscript on the Brazilian bees (Schrottky 1902). Typical material in MNCN was obtained by Anatel Cabrera Diaz (d. 1943) and José María Dusmet Alonso (1869–1960). Typical material now in CAS was purchased by Edward Shearman Ross (b. 1915) in South America, and came originally from Paul (Pablo) Herbst (1861–1927) through the estate of Edwyn Pastor Reed (1880–1966), documenting a somewhat complex history of some of the surviving types.

Speculation has been that many of the wasps described by Schrottky could be in the recently surfaced A.W. Bertoni collection (Townes & Townes 1966; Garcete-Barrett 1996). An important part of that collection remained in the Puerto Bertoni residence until transferred to INBP in 1997 by Bolívar Garcete and John Kochalka. The collection contained, amongst other insect groups, most of A.W. Bertoni's bees and social wasps, including types described by Schrottky in 1920. Another part of the collection was brought by A.W. Bertoni sometime during 1917–1920 to Asunción (Baratti & Candolfi 1994). That part of the collection contained mostly eumenine wasps and was eventually left by A.W. Bertoni in the Banco Agrícola (now Banco de Fomento), Asunción, where he had his last office. Later, the collection was transferred, under the directorship of the Ministry of Agriculture by his brother Guillermo Tell Bertoni, to the Instituto Agronómico Nacional, Caacupé, Paraguay, before being definitively transferred to the INBP by Blanca Barrios in the 1990s (Garcete-Barrett 1996). As both of these A.W. Bertoni collections held the hope for new Schrottky material, we provide below the full label data for the type material of both Bertoni collections amounting to only seven taxa.

We did not find any indication that Schrottky would wrongly add type labels to non-typical material (as was the case for some of his contemporaries such as Friese, see Rasmussen & Ascher (2008)), or neglect labeling typical material; in fact, he appeared to have labeled most of his specimens with a “Type” [*i.e.*, holotype] label and, in the event of paratypes, a “co-type” label was added (as practiced also by Cockerell of that time). Types may also be labeled just with an “m” (*mihi*) following the name on the identification label. Schrottky would occasionally in publications refer to multiple specimens as “the type”, and we therefore recommend that series of type material be regarded as syntypes unless specific indication in print or by labeling practice that a single holotype was designated. Examples of original Schrottky labels are reproduced in Figure 7.



**TABLE 1.** The insect collectors of material described by Schrottky. Schrottky's new taxa were based on material from a number of contacts in addition to material from his own field trips. All collectors of type material cited by Schrottky in his papers are listed here, with full name, period, and suggested repository of personal collections whenever known (mainly Horn *et al.* 1990).

COLLECTOR	BORN–DEATH	REPOSITORY
Anisits, János (Juan) Dániel	1856–1911	MPSP, ZMHB
Autran, Eugène (Eugenio)	1855–1912	?
Bang-Haas, Andreas	1846–1925	Owner of the insect dealer company Staudinger & Bang-Haas; material widely scattered.
Bequaert, Joseph Charles	1886–1982	Material only sent by Bequaert, possible collected by Schunke.
Beron, Max	?–?	MPSP
Bertoni, Arnaldo de Winkelried	1878–1973	INBP
Bertoni, Werner Stauffacher	1895–1988	INBP
Bicego, Beniamino	?–?	MPSP
Boettger, Emil	1863–1936	See Rolle.
Brèthes, Juan	1871–1931	MACN
Bruch, Carlos	1869–1943	MACN, MLP; Most of the Catamarca material came from Valle de Santa Maria.
Bühler, Peter (Pedro)	?–?	?
Dittrich	?–?	MPSP
Doering, Adolfo	1848–1925	MACN
Ehrhardt, W.	?–?	MPSP; collecting trip together with Lima.
Fassl, Eduard	?–?	Professional insect collector, sold through companies or directly; material widely scattered.
Fiebrig, Karl (Carl) August Gustav	1869–1951	DEI, NMW, ZMHB
Friedrich, Johann (Juan)	?–?	?
Garbe, Ernst (Ernesto) Wilhelm	1853–1925	MPSP
Garlepp, Otto	1864–1959	Professional insect collector, sold through companies or directly; material widely scattered.
Garlepp, Otto	1864–1959	Received through Rolle, see Rolle.
Gerling, Guillermo F.	?–?	MLP?
Giacomelli, Eugenio	1876–1941	MACN
Hempel, Adolfo	1870–1949	MPSP
Ihering, Hermann Friedrich Albrecht von	1850–1930	MPSP
Illin, Dr.	?–?	MLP
Jacob, Hans (or Jakob?)	?–?	Through Zikàn to FIOC.
Jensen-Haarup, Anders Christian	1863–1934	ZMUC
Jørgensen, Peter (Pedro)	1870–1937	MLP, ZMUC
Labrottell	?–?	MPSP
Lehmann-Nitsche, Robert	1872–1938	MLP?
Lendl, Adolf	1862–1942	Professional insect collector, sold through companies or directly; material widely scattered.
Lima, João Leonardo	1874–1936	MPSP
Lüderwaldt, Hermann	1865–1934	MPSP (preparator at MPSP); MZPW
Lynch Arribáizaga, Enrique	1856–1935	MACN
Raymond, Theophile	?–1922	?
Rolle, Hermann	1864–1929	Insect dealer; Huancabamba (Pasco) specimens collected by Boettger; material widely scattered.
Schunke, Carl Oswald	1854–1937	See Bequaert
Stempelmann, Hugo	?–?	?
Torres, Salvador M.	?–?	MPSP
Venturi, Santiago	?–1930	?
Zikàn, Josef Franz	1881–1949	FIOC

**TABLE 2.** List of Schrottky's type localities, including country, state, locality with corrected name in parenthesis, coordinates (latitude and longitude, see also Fig. 6) and collector when indicated in the original publication. Schrottky would rarely state who collected in Encarnación, although presumably he would have done all collecting there himself. Schrottky probably relied mainly on Puerto Bertoni material from A.W. Bertoni until he moved there himself in 1908. Much of the Puerto Bertoni material even after this date would still have been collected by A.W. Bertoni. Many localities have none or only a single collector listed. It is valuable to know who may have caught the specimens, although other unnamed (in the publication) collectors may be responsible for those specimens. It cannot be inferred from listing of a single person for a locality that all collections from that site were made by the same person. It is, however, an important lead when tracing the typical material of Schrottky through multiple collections.

Country	State	Locality	Lat	Long	Collectors
<b>Argentina</b>					
	Santa Fe	<b>Alberdi</b>	-60.6945	-32.8952	
	Catamarca	<b>Andalgalá</b>	-66.3157	-27.5826	Bruch
	n/a	<b>Argentina</b>			
	Buenos Aires	<b>Bahía Blanca</b>	-62.2681	-38.7117	Venturi
	Misiones	<b>Bompland (Bonpland)</b>	-55.4769	-27.4838	Jørgensen
	Buenos Aires	<b>Buenos Aires</b>	-58.3724	-34.6090	Autran; Brèthes; Schrottky; Venturi
	Catamarca	<b>Catamarca</b>	-65.7790	-28.4690	Bruch; Venturi
	Santa Fe	<b>Ceres</b>	-61.9489	-29.8825	Venturi
	Chubut	<b>Chubut</b>	-67.6497	-43.4850	
	Córdoba	<b>Córdoba</b>	-64.1821	-31.3989	Stempelmann
	Corrientes	<b>Corrientes</b>	-58.8397	-27.4713	
	Jujuy	<b>Jujuy</b>	-65.2995	-24.1858	Bruch
	Buenos Aires	<b>La Plata</b>	-57.9501	-34.9173	Bruch
	La Rioja	<b>La Rioja</b>	-66.8560	-29.4128	Giacomelli
	Chubut	<b>Lago General Paz</b>	-71.4708	-43.9763	Gerling
	Neuquén	<b>Lago Nahuel Huapí</b>	-71.1586	-41.0739	Bruch
	Mendoza	<b>Mendoza</b>	-68.8441	-32.8903	Jensen-Haarup; Jørgensen
	Misiones	<b>Misiones</b>			
	Neuquén	<b>Neuquén</b>	-68.0658	-38.9493	Lendl
	Tierra del Fuego	<b>Nord-Ost-Feuerland (NE Tierra del Fuego)</b>	-67.4215	-53.8139	Lehmann-Nitsche
	Misiones	<b>Paraná</b>	-60.5069	-31.7396	Venturi
	Misiones	<b>Paraná, Alto</b>	-54.5764	-25.6652	
	Neuquén	<b>Patagonia</b>			Bruch
	Misiones	<b>Posadas</b>	-55.9009	-27.3621	Buehler
	Neuquén	<b>Rio Caleufú (Patagonia)</b>	-70.7352	-40.4029	Bruch
	Chubut	<b>Rio Corcovado</b>	-71.4677	-43.5500	Illin (through Autran)
	Santa Fe	<b>Rosario</b>	-60.6665	-32.9507	
	Salta	<b>Salta</b>	-65.4121	-24.7831	Venturi
	Misiones	<b>San Ignacio</b>	-55.5332	-27.2585	Friedrich
	San Juan	<b>San Juan</b>	-68.5214	-31.5272	Lynch Arribáizaga; Venturi
	Santa Cruz	<b>Santa Cruz</b>	-68.5212	-50.0160	
	Santa Fe	<b>Santa Fe</b>	-60.6995	-31.6324	
	Misiones	<b>Tabay, Alto</b>	-55.1173	-27.0760	
	Tucumán	<b>Tucumán</b>	-65.2198	-26.8004	Doering?
	Tierra del Fuego	<b>Ufer des Río del Fuego (Upper right Río del Fuego )</b>			Lehmann-Nitsche
	Catamarca	<b>Valle Santa Maria</b>	-66.0471	-26.6980	Bruch
<b>Bolivia</b>					
	La Paz	<b>Mapiri</b>	-68.2153	-15.3118	Bang-Haas
	Tarija	<b>Tarija</b>	-64.7308	-21.5320	
<b>Brazil</b>					
	São Paulo	<b>Avanhandava</b>	-49.9494	-21.4638	Garbe
	São Paulo	<b>Belém</b>	-46.5982	-23.5404	Bicego
	n/a	<b>Brazil</b>			
	São Paulo	<b>Campinas</b>	-47.0614	-22.9066	Hempel

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TABLE 2. (continued)

Country	State	Locality	Lat	Long	Collectors
	São Paulo	<b>Campos do Jordão</b>	-45.5835	-22.7354	Lüderwaldt
	Minas Gerais	<b>Coxambu (Caxambu)</b>	-44.9259	-21.9721	Ihering
	São Paulo	<b>Franca</b>	-47.3993	-20.5388	
	Rio de Janeiro	<b>Itatiaia (Campos do Itatiaia)</b>	-44.5585	-22.4920	Lüderwaldt
	Minas Gerais	<b>Jaguará</b>	-44.6667	-19.7333	
	São Paulo	<b>Jundiahy (Jundiaí)</b>	-46.8845	-23.1865	Beron; Dittrich; Labrottel; Schrottky
	Minas Gerais	<b>Lagoa Santa</b>	-43.8898	-19.6291	
	Amazonas	<b>Manaus</b>	-60.0261	-3.1072	
	Minas Gerais	<b>Mar de Hespanha (Mar de Espanha)</b>	-43.0095	-21.8681	Zikàn
	Mato Grosso	<b>Matto Grosso (Mato Grosso)</b>			
	Minas Gerais	<b>Minas Gerais</b>			
	Paraná	<b>Paraná river</b>			
	São Paulo	<b>Piracicaba</b>	-47.6471	-22.7251	Lima
	São Paulo	<b>Fazenda Poço Grande (Juquiá)</b>	-47.6173	-24.2505	Hempel
	Espirito Santo	<b>Porto do Cachoeira (now Santa Leopoldina)</b>	-40.5272	-20.1022	
	Paraná	<b>Porto Mojoli (now Guaíra)</b>	-54.2529	-24.0863	
	São Paulo	<b>Rincão</b>	-48.0761	-21.5877	Ehrhardt
	Rio Grande do Sul	<b>Rio Grande do Sul</b>			Ihering
	São Paulo	<b>São José do Rio Pardo</b>	-46.8902	-21.5958	Schrottky
	São Paulo	<b>São Paulo</b>	-46.6388	-23.5488	Lüderwaldt
	São Paulo	<b>Victoria (Vitoriana), Botucatu</b>	-48.4000	-22.7833	Hempel
	São Paulo	<b>Vila Mariana (São Paulo)</b>	-46.6333	-23.5833	Lima
	São Paulo	<b>Ypiranga (Ipiranga, São Paulo)</b>	-46.6078	-23.5914	Ihering; Lima; Lüderwaldt; Schrottky; Torres
	Paraná	<b>Zororo</b>	-54.2564	-24.2523	
<b>Chile</b>					
	Tarapacá	<b>Arica</b>	-70.2924	-18.4770	
<b>Colombia</b>					
	Meta	<b>Sosomoco (Susumuco)</b>	-73.7322	4.1990	Fassl
<b>Costa Rica</b>					
	San José	<b>San José</b>	-84.0813	9.9264	
<b>Ecuador</b>					
	Guayas	<b>Guayaquil</b>	-79.8922	-2.2087	
<b>Paraguay</b>					
	Alto Paraná	<b>Alto Paraná</b>			
	Central	<b>Asunción</b>	-57.6466	-25.2810	Anisits
	Alto Paraná	<b>Caarendy, Puerto</b>	-55.4393	-26.9440	
	Itapúa	<b>Hohenau</b>	-55.6508	-27.0839	
	n/a	<b>Paraguay</b>			
	Alto Paraná	<b>Puerto Bertoni</b>	-54.5845	-25.6600	Bertoni AW; Bertoni, WS
	Itapúa	<b>Puerto Cantera</b>	-55.6427	-27.2069	Schrottky
	Alto Paraná	<b>Puerto Flores</b>	-55.4814	-25.6840	Bertoni AW
	Cordillera	<b>San Bernardino</b>	-57.2967	-25.3070	Fiebrig
	Paraguarí	<b>Sapucay (Sapukai)</b>	-56.9503	-25.6682	
	Alto Paraná	<b>Tacurú-pucú (Hernandarias)</b>	-54.6394	-25.3997	Schrottky
	Itapúa	<b>Villa Encarnación</b>	-55.8625	-27.3407	

continued next page



TABLE 2. (continued)

Country	State	Locality	Lat	Long	Collectors
Peru	Apurímac	Apurímac	-72.8988	-14.2163	Garlepp through. Rolle
	Cuzco	Callanga	-71.8163	-12.8328	Bang-Haas
	Junín	Chanchamayo	-75.3190	-11.0511	Bequaert
	Cuzco	Cuzco	-71.9805	-13.5156	Garlepp
	Pasco	Huancabamba	-75.5497	-10.3838	Rolle
	Puno	Juliaca	-70.1352	-15.4992	Garlepp
	Cuzco	Marcapata	-70.9167	-13.4334	Garlepp
	n/a	Peru			
	Cuzco	Urubamba	-72.1152	-13.3111	Rolle
Uruguay	n/a	Banda Oriental			
	Montevideo	Montevideo	-56.1092	-34.8781	
	n/a	Uruguay			
Venezuela	Distrito Federal	Caracas	-66.8979	10.4950	Raymond
	n/a	Venezuela			

Below we present an exhaustive list of type localities and collectors of Schrottky's material. The information contained within that should be taken into account when it becomes necessary to designate a neotype for presumed lost types or enforcing *nomen oblitum* for names that have not been in use since Schrottky proposed them.



FIGURE 7. Original specimen labels written by Schrottky.

### How the bibliography was compiled

The bibliography was compiled by obtaining all Schrottky references listed in entomological catalogs (Zoological Society of London 1864–present; Moure *et al.* 2007) and papers cited within these references. Exact publication dates are listed when known in the bibliography and were determined by the publishers imprint date on the wrapper of each fascicle, when available, or information contained within the issue or volume. When the imprint year of the issue differed from the stated year of the volume, the latter are placed in parentheses in the bibliography.

### How to use the catalog

The catalog is sorted in alphabetical order by taxon name with the original spelling corrected to conform to valid spelling as ruled under the code (International Commission on Zoological Nomenclature 1999). Format follows largely that of Rasmussen and Ascher (2008). Required corrections included the removal of diacritic marks (ç, ë), hyphens (-), or ligature of the letters “a” and “e” (æ) and “o” and “e” (œ) (art. 27). Only ü based on a German name had the letter “e” inserted after the vowel (art. 32.5.2.1. for names published before 1985). The Danish-born Peter Jørgensen resided in South America continuously from late 1906 to his death in 1937

and adopted in this period the Spanish derivation of his name as Pedro Joergensen. Schrottky named six new taxa after his friend Jørgensen. While the code explicitly suggests a differing treatment of Scandinavian letters not part of the Latin alphabet, e.g., to use *jorgenseni* for *jørgenseni*, Schrottky used the Spanish derivation of the name, Joergensen rather than Jørgensen, and we have therefore followed Schrottky and consistently treated this specific case as *joergenseni*.

As Hymenoptera family concepts have changed through the last century, families are not necessarily those listed by Schrottky, but were inferred or updated to current usage, based on the genus-group name used by Schrottky and then consulting Pagliano (1988), as well as Goulet and Huber (1993) (see Appendices 1–2 for lists of all genera and families).

After the corrected taxon names we list the exact original spelling in brackets, when differing from the corrected and currently valid spelling, and then the original genus and subgenus. Following the original genus-group names are the species name in the case of a new subspecies, authority and reference, page numbers in the reference, taxonomic code (n.sp., new species; n.subsp., new subspecies including varieties (n.var.) and forms (n.form) both deemed subspecific (ICZN art. 45.6.4.); *nom. nov.*, *nomen novum*, a replacement name proposed for a junior homonym; *nom. nud.*, *nomen nudum*, a published name without validity due to lack of accompanying description; n.genus, new genus; n.subgenus, new subgenus; family-group name), sex, and number of original type specimens when stated. Schrottky would sometimes refer to either a single specimen (1♂ or 1♀), or multiple specimens (♂♂ or ♀♀). If it is not explicit whether a single or multiple specimens were included in the type series, this is recorded as n♂ or n♀. This is followed by localities listed for the type series. If Schrottky designated a specific type locality among several localities, this is indicated with an asterisk at the type locality (holotype as HT, paratype as PT, lectotype as LT, and neotype as NT). All localities are listed in Table 2, including country and state. Whenever a collector has been recorded in the original description, the surname is provided following locality. Full names of collectors are listed in Table 1.

An attempt has been made to update the list of type repositories, and whenever bibliographies or personal visits to museums have confirmed presence of typical, or potential typical, Schrottky material, this is indicated (for list of abbreviations, see Appendix 1). If a repository of type specimens is listed in the original description, but has not been confirmed (either not located in the collection or collection whereabouts unknown) the collection is provided in apostrophes (“”). Lastly we provide the current combination of the name, the family, and add any comments that may be to the entry, including observations on variant spelling or others. Current combinations for all bees were based on Moure et al. (2007), whereas other groups were based on most recent treatment of the taxa in Zoological Record.

Schrottky would indicate for 24 taxa that they were newly described, despite they had already been published by himself earlier. Including a paper largely translated from Spanish (Schrottky 1906a) to English (Schrottky 1907b), or two-part papers providing keys and names to new taxa before publishing the actual description (Schrottky 1906c, 1907d, 1908a, 1908b). The second description in those cases we regard as a redescription without validity, rather than a new description as the diagnostic characters for validating the new taxa were made available in the key. These duplicate descriptions are recorded for completeness but indicated with an asterisk (\*).

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## List of taxa described by Curt Schrottky

- aculeata*, *Coelioxys*, Schrottky 1902f: 422, 429, pl. 12, fig. 15: n.sp., n♀, Type locality: Manaus, Repository: MPSP (18098), Current status: *Coelioxys (Acrocoelioxys) aculeata* Schrottky, 1902. Megachilidae.
- adonis*, *Salius (Priocnemis)*, Schrottky 1903b: 40: n.sp., n♀, Type locality: São Paulo, Current status: "*Priocnemis*" *adonis* (Schrottky, 1903). Pompilidae.
- aeneus*, *Agapostemon*, Schrottky 1902a: 313: n.sp., n♂, Type locality: São Paulo, Repository: "SCHROTTKY", Current status: *Augochlora (Augochlora) foxiana* Cockerell, 1900. Halictidae.
- Aethriopsis*, Schrottky 1910d: 151: n.genus, Current status: *Aethriopsis*. Lepidoptera: Arctiidae.
- albipes*, *Brachistes*, Schrottky 1902d: 108–109: n.sp., n♂, n♀, Type locality: Buenos Aires (coll. Venturi), Repository: MPSP; "SCHROTTKY", Current status: *Horismenus albipes* (Schrottky, 1902). Eulophidae.
- algidus*, *Stenancistrocerus*, Schrottky 1909c: 241–242: n.sp., n♀, Type locality: Mendoza (coll. Jørgensen), Current status: "*Stenancistrocerus*" *algidus* (Schrottky, 1909). Note: Possibly a *Parancistrocerus*. Vespidae.
- amalthea*, *Tetrapedia*, Schrottky 1909a: 225: n.sp., n♀, Type locality: Asunción, Current status: "*Tetrapedia*" *amalthea* Schrottky, 1909. Note: *Incertae sedis* in Tapinotaspidini. Apidae.
- amazonica*, *Coelioxys*, Schrottky 1902f: 421, 426: n.sp., 1♀, Type locality: Manaus, Repository: MPSP (18091), Current status: *Coelioxys (Acrocoelioxys) amazonica* Schrottky, 1902. Megachilidae.
- amphitrite*, *Odontochlora*, Schrottky 1909j: 142: n.sp., ♀♀, Type locality: Buenos Aires; La Plata, Current status: *Augochlora (Augochlora) amphitrite* (Schrottky, 1909). Halictidae.
- analís*, *Phoenicoprocta*, Schrottky 1909f: 123–124: n.sp., 2♂, Type locality: Puerto Bertoni, Current status: *Phoenicoprocta analís* Schrottky, 1909. Lepidoptera: Arctiidae.
- andicola*, *Anthophora*, Schrottky 1911f: 38–39: n.sp., n♀, Type locality: Juliaca (coll. Garlepp), Current status: *Anthophora (Mystacanthophora) andicola* Schrottky, 1911. Apidae.
- andinus*, *Sphecodes*, Schrottky 1906e: 306, 311: n.sp., 2♂, Type locality: Catamarca, Repository: MLP (LT), Current status: *Sphecodes andinus* Schrottky, 1906. Halictidae.
- andromache*, *Oxystoglossa*, Schrottky 1909j: 141: n.sp., n♀, Type locality: Puerto Bertoni, Current status: *Paroxystoglossa andromache* (Schrottky, 1909). Halictidae.
- andromorpha*, *Megachile*, Schrottky 1913c: 141, 174–175: n.sp., n♀, Type locality: Asunción, Current status: *Megachile (Pseudocentron) andromorpha* Schrottky, 1913. Megachilidae.
- anisitsi*, *Augochlora (Paraugochloropsis)*, Schrottky 1908a: 227: n.sp., n♀, Type locality: Asunción (coll. Anisits), Current status: *Augochloropsis anisitsi* (Schrottky, 1908). Halictidae.
- anisitsi*, *Coelioxys*, Schrottky 1909c: 258, 264: n.sp., ♀♀, Type locality: Asunción; Puerto Flores (coll. Anisits; Bertoni AW), Current status: *Coelioxys anisitsi* Schrottky, 1909. Megachilidae.
- anisitsi*, *Dianthidium*, Schrottky 1908a: 231–232: n.sp., n♂, n♀, Type locality: Asunción (coll. Anisits), Repository: MPSP (LT), Current status: *Epanthidium anisitsi* (Schrottky, 1908). Megachilidae.
- anisitsi*, *Hemisia*, Schrottky 1908b: 99: n.sp., n♂, Type locality: Asunción (coll. Anisits), Repository: "ANISITS"; ZMBH, Current status: *Centris (Xanthemisia) anisitsi* (Schrottky, 1908). Apidae.
- anisitsi*, *Hemisia*, Schrottky 1908c: 141: \*n.sp. Note: See preceding entry for original taxon description; The new taxon was described in the key (Mar.), preceding the intended description (May).
- anisitsi*, *Megachile laeta*, Schrottky 1908a: 237–238: n.subsp., ♂♂, ♀♀, Type locality: Asunción; São Paulo (coll. Anisits), Repository: MNCN; MPSP, Current status: *Megachile (Leptorachina) laeta* Smith, 1853. Megachilidae.
- anisitsi*, (as *Anisitsi*), *Tetrapedia*, Schrottky 1909a: 224–225: n.sp., ♂♂, Type locality: Asunción; São Paulo, Current status: *Tetrapedia anisitsi* Schrottky, 1909. Apidae.
- annulipes*, *Brachyphatnus*, Schrottky 1913b: 703: n.sp., n♂, Type locality: Bompland (coll. Jørgensen), Repository: MLP, Current status: *Subsymmia annulipes* (Schrottky, 1913). Argidae.
- annulitarse*, *Gasteruption*, Schrottky 1906c: 59, 61: n.sp., 1♀, Type locality: Villa Encarnación, Current status: *Gasteruption annulitarse* Schrottky, 1906. Gasteruptionidae.
- anomala*, *Megachile*, Schrottky 1902f: 437: n.sp., n♀, Type locality: Jundiahy (coll. Beron), Repository: "MPSP" (not located), Current status: *Megachile (Austromegachile) susurrans* Haliday, 1836. Megachilidae.
- antarticus*, *Phygadeuon*, Schrottky 1902d: 103: n.sp., n♂, n♀, Type locality: Nord-Ost-Feuerland (coll. Lehmann-Nitsche), Repository: "SCHROTTKY", Current status: "*Phygadeuon*" *antarticus* Schrottky, 1902. Note: Subsequent spelling as "*antarcticus*", but this spelling does not appear in the original publication. Ichneumonidae.
- anticlea*, *Augochlora (Paraugochloropsis)*, Schrottky 1908a: 228: n.sp., n♂, Type locality: Villa Encarnación, Current status: *Augochloropsis anticlea* (Schrottky, 1908). Halictidae.
- aphrodite*, *Augochlora (Augochloropsis)*, Schrottky 1902f: 366, 376–377: n.sp., 1♂, Type locality: Jundiahy (coll. Beron), Repository: "BERON"; MPSP (17619), Current status: *Augochloropsis smithiana* (Cockerell, 1900). Halictidae.
- apicipennis*, *Megachile*, Schrottky 1902f: 442: n.sp., ♀♀, Type locality: Belém\*; Jundiahy (coll. Bicego), Repository:

- "MPSP" (not located), Current status: *Megachile (Moureapis) apicipennis* Schrottky, 1902. Megachilidae.
- apiformis**, *Euglossa*, Schrottky 1911f: 39: n.sp., n♀, Type locality: Cuzco (coll. Garlepp), Current status: *Euglossa (Euglossella) singularis* Mocsáry, 1899. Apidae.
- arechavaletae**, *Agapostemon*, Schrottky 1908a: 226: n.sp., n♂, Type locality: Uruguay, Repository: MNHNM, Current status: *Pseudagapostemon (Pseudagapostemon) pampeanus* (Holmberg, 1886). Halictidae.
- arechavaletae**, *Megachile*, Schrottky 1913c: 177: n.sp., n♀, Type locality: Uruguay, Current status: *Megachile arechavaletae* Schrottky, 1913. Megachilidae.
- arechavaletae**, *Thygater*, Bertoni & Schrottky 1910: 583, 584, 586: n.sp., 2♂, 2♀, Type locality: Montevideo, Repository: MNHNM; MPSP (LT), Current status: *Thygater (Thygater) analis* (Lepelletier, 1841). Apidae.
- arenaria**, *Prosopis*, Schrottky 1906a: 7, 27–28: n.sp., 2♂, Type locality: Puerto Caarendy, Current status: *Hylaeus psammophilus* (Schrottky, 1906). Note: See *Prosopis psammophila*. Colletidae.
- arenarius**, *Agapostemon*, Schrottky 1902f: 401, 403–404: n.sp., ♂♂, ♀♀, Type locality: Victoria, Botucatu (coll. Hempel), Repository: MPSP (1269), Current status: *Pseudagapostemon (Pseudagapostemon) arenarius* (Schrottky, 1902). Halictidae.
- argentina**, *Macrocera*, Schrottky 1902a: 309–310: n.sp., 1♂, 1♀, Type locality: San Juan (coll. Lynch Arribálzaga; Venturi), Repository: "LYNCH"; "SCHROTTKY", Current status: *Peponapis fervens* (Smith, 1879). Apidae.
- argentina**, *Siobla*, Schrottky 1913b: 702: n.sp., 9 ♂ and ♀, Type locality: Bompland (coll. Jørgensen), Repository: MLP, Current status: *Siobla argentina* Schrottky, 1913. Tenthredinidae.
- argentina**, *Venturia*, Schrottky 1902d: 102: n.sp., n♀, Type locality: Buenos Aires (coll. Venturi), Repository: "SCHROTTKY", Current status: *Venturia argentina* Schrottky, 1902. Ichneumonidae.
- argentinus**, *Panurginus*, Schrottky 1920c: 223–224: n.sp., n♂, Type locality: Rosario, Current status: *Rhopitulus argentinus* (Schrottky, 1920). Andrenidae.
- argentinus**, *Pisonopsis*, Schrottky 1909c: 249–250: n.sp., n♀, Type locality: Catamarca (coll. Bruch), Current status: *Willinkiella argentina* (Schrottky, 1909). Crabronidae.
- argentinus**, *Sphecodes*, Schrottky 1906e: 308–309, 311: n.sp., 1♂, Type locality: Catamarca, Current status: *Sphecodes argentinus* Schrottky, 1906. Halictidae.
- aricensis**, *Chloralictus*, Schrottky 1910h: 78: n.sp., 9♂, 30♀, Type locality: Arica, Current status: *Dialictus aricensis* (Schrottky, 1910). Halictidae.
- arrogans**, *Torymus*, Schrottky 1907a: 74–75: n.sp., ♂♂, ♀♀, Type locality: Villa Encarnación (coll. Schrottky), Current status: *Torymus arrogans* Schrottky, 1907. Torymidae?.
- ashmeadi**, *Corynuropsis*, Schrottky 1909j: 146–147: n.sp., n♂, Type locality: Puerto Bertoni, Current status: *Rhinocorynura ashmeadi* (Schrottky, 1909). Halictidae.
- aspera**, *Ceratina*, Schrottky 1902f: 480, 484–485, pl. 12, fig. 10: n.sp., 1♂, Type locality: Jundiahy (coll. Beron), Repository: MPSP (12700, 17764), Current status: *Ceratina (Crewella) aspera* Schrottky, 1902. Apidae.
- assumptiones**, *Elis*, Schrottky 1920c: 179: *nom. nov.*, Current status: *Campsomerus assumptiones* (Schrottky, 1920). Note: Name for *Plesia paraguayensis* Turner. Scoliidae.
- assumptionis**, *Coelioxys*, Schrottky 1909c: 257, 258, 260: n.sp., n♂, n♀, Type locality: Asunción; Villa Encarnación (coll. Anisits), Repository: MPSP (not located), Current status: *Coelioxys (Neocoelioxys) simillima* Smith, 1854. Megachilidae.
- assumptionis**, *Megachile*, Schrottky 1908a: 233: n.sp., n♂, n♀, Type locality: Asunción (coll. Anisits), Current status: *Megachile (Schrottkyapis) assumptionis* Schrottky, 1908. Megachilidae.
- atahualpa**, *Megachile nudiventris*, Schrottky 1913c: 156: n.subsp., n♀, Type locality: Peru, Repository: "MPSP" (not located), Current status: *Megachile (Moureapis) atahualpa* Schrottky, 1913. Megachilidae.
- atricosta**, *Waldheimia*, Schrottky 1915a: 6: n.sp., n♀, Type locality: Puerto Cantera, Current status: *Waldheimia atricosta* Schrottky, 1915. Tenthredinidae.
- atriventris**, *Psaenythia*, Schrottky 1906e: 315: n.sp., 1♂, Type locality: Villa Encarnación?, Repository: FIOC, Current status: *Psaenythia atriventris* Schrottky, 1906. Note: The new taxon was described in the key (Sep. 1906), preceding the intended description by more than a year (Nov. 1907). Andrenidae.
- atriventris**, *Psaenythia*, Schrottky 1907d: 471: \*n.sp. Note: See preceding entry for original taxon description.
- Augochloropsis**, Schrottky 1909d: 481: n.genus, Current status: *Augochloropsis* (nec Schrottky). Note: See *Paraugochlora*. Halictidae.
- aureiventris**, *Megachile*, Schrottky 1902f: 441: n.sp., n♀, Type locality: Jundiahy (coll. Schrottky), Repository: MPSP, Current status: *Megachile (Leptorachis) aureiventris* Schrottky, 1902. Megachilidae.
- aureosericeum**, *Trypoxylon*, Schrottky 1913a: 228: *nom. nud.* Crabronidae.
- autrani**, *Salius (Priocnemis)*, Schrottky 1902d: 112: n.sp., 1♀, Type locality: Rio Corcovado (coll. Illin (through Autran)), Repository: "AUTRAN"; MLP, Current status: *Pompilocalus hirticeps* (Guérin-Meneville, 1845). Pompilidae.
- autumnale**, *Dianthidium*, Schrottky 1909a: 218–219: n.sp., n♂, Type locality: Puerto Bertoni, Repository: MPSP (LT), Current status: *Epanthidium autumnale* (Schrottky, 1909). Megachilidae.



- bambusae*, *Xylocopa*, Schrottky 1902f: 462, 475–476: n.sp., 1♂, Type locality: Rio Grande do Sul (coll. Ihering), Repository: MPSP (17757), Current status: *Xylocopa* (*Xylocospila*) *bambusae* Schrottky, 1902. Apidae.
- banghaasi*, (as *bang-haasi*), *Neocorynura*, Schrottky 1910g: 72: n.sp., 12♀, Type locality: Mapiri (coll. Bang-Haas), Current status: *Habralictus banghaasi* (Schrottky, 1910). Halictidae.
- barabinoi*, (as *Barabinoi*), *Pseudagapostemon*, Schrottky 1909a: 215: n.sp., n♂, Type locality: Catamarca, Current status: *Pseudagapostemon* (*Pseudagapostemon*) *joergenseni* (Friese, 1908). Halictidae.
- barbata*, *Aethriopsis*, Schrottky 1910d: 151–152: n.sp., n♂, Type locality: Puerto Bertoni, Current status: *Diptilon barbata* (Schrottky, 1910). Lepidoptera: Arctiidae.
- basirufa*, *Pasiphae*, Schrottky 1920c: 226–227: n.sp., n♂, Type locality: Santa Fe, Current status: *Bicolletes basirufa* (Schrottky, 1920). Colletidae.
- batrachostomus*, *Trachypus*, Schrottky 1909a: 213: n.sp., n♀, Type locality: Villa Encarnación, Current status: *Trachypus batrachostomus* Schrottky, 1909. Note: Later published as *bratrachostomus*. Crabronidae.
- bequaerti*, (as *Bequaerti*), *Prosopis*, Schrottky 1910o: 134–135: n.sp., 1♀, Type locality: Chanchamayo (coll. Bequaert), Current status: *Hylaeus bequaerti* (Schrottky, 1910). Colletidae.
- bernardina*, *Megachile*, Schrottky 1913c: 149, 209–210: n.sp., ♂♂, Type locality: Jundiahy; San Bernardino (coll. Beron), Repository: MPSP (potential type, 18151), Current status: *Megachile* (*Acentron*) *eburnipes* Vachal, 1904. Megachilidae.
- beroni*, *Coelioxys*, Schrottky 1902f: 422, 425–426: n.sp., 1♂, Type locality: Jundiahy (coll. Beron), Repository: MPSP (1383, 18089, 18090), Current status: *Coelioxys* (*Glyptocoelioxys*) *beroni* Schrottky, 1902. Megachilidae.
- beroni*, *Megachile rubricata*, Schrottky 1902f: 437: n.var., 1♂, Type locality: Jundiahy (coll. Beron), Repository: "MPSP" (not located), Current status: *Megachile* (*Pseudocentron*) *curvipes* Smith, 1853. Megachilidae.
- beroni*, *Oxyinedys*, Schrottky 1901: 212, 214: *nom. nud.* Apidae.
- beroni*, *Oxyinedys*, Schrottky 1902f: 492–493, pl. 13, fig. 6: n.sp., n♂, n♀, Type locality: Campinas; Jundiahy (coll. Beron; Hempel), Repository: MPSP (1387, 17772), Current status: *Hopliphora velutina* (Lepelletier & Serville, 1825). Apidae.
- beroni*, *Tetralonia*, Schrottky 1913b: 706–707: n.sp., 1♀, Type locality: Jundiahy (coll. Beron), Repository: MPSP (LT 1299), Current status: *Pachysvastra leucocephala* (Bertoni & Schrottky, 1910). Apidae.
- Bertonia*, Schrottky 1906f: 349–350: n.genus, Current status: *Seminota*. Trigonalysidae.
- bertonii*, *Augochlora* (*Paraugochloropsis*), Schrottky 1909j: 148: n.sp., n♀, Type locality: Puerto Bertoni, Current status: *Augochloropsis bertonii* (Schrottky, 1909). Halictidae.
- bertonii*, *Coelioxys*, Schrottky 1909c: 257, 261: n.sp., n♀, Type locality: Puerto Bertoni (coll. Bertoni AW), Current status: *Coelioxys bertonii* Schrottky, 1909. Megachilidae.
- bertonii*, *Dianthidium*, Schrottky 1905a: 3–5, 12: n.sp., 1♀, Type locality: Puerto Bertoni (coll. Bertoni AW), Repository: MNHNM (potential type), Current status: *Epanthidium bertonii* (Schrottky, 1905). Megachilidae.
- bertonii*, *Megachile*, Schrottky 1908a: 235: n.sp., n♀, Type locality: Puerto Bertoni, Repository: MNCN (potential type), Current status: *Megachile* (*Ptilosarus*) *bertonii* Schrottky, 1908. Megachilidae.
- bertonii*, *Prosopis*, Schrottky 1907a: 76, 78: n.sp., ♀♀, Type locality: Puerto Bertoni (coll. Bertoni AW), Current status: *Hylaeus bertonii* (Schrottky, 1907). Colletidae.
- bertonii*, *Rhathymus*, Schrottky 1920c: 217: n.sp., n♀, Type locality: Puerto Bertoni, Repository: INBP, Current status: *Rhathymus bertonii* Schrottky, 1920. Note: ("1 male: Pto. Bertoni, Paraguay, Coll. Bertoni / 3064 / Typus / *Rhathymus bertonii* Schrottky [male] / AWB M-12"). Apidae.
- bicegoi*, *Megachile*, Schrottky 1913c: 144, 186: n.sp., 1♀, Type locality: Manaus, Repository: "MPSP" (not located), Current status: *Megachile* (*Leptorachis*) *propinqua* Smith, 1879. Megachilidae.
- bicinctus*, *Alastor*, Schrottky 1911d: 20: n.sp., ♀♀, Type locality: Villa Encarnación, Current status: *Hypalastoroides bicinctus* (Schrottky, 1911). Vespidae.
- bicolor*, *Pelecystoma*, Schrottky 1915a: 7: n.sp., unknown number and sex, Type locality: Puerto Bertoni; Puerto Cantera, Current status: *Rogas bicolor* (Schrottky, 1902). Braconidae.
- bifasciatus*, *Leiopodus*, Schrottky 1920c: 215–216: n.sp., 1♀, Type locality: Alberdi, Current status: *Leiopodus abnormis* (Jørgensen, 1912). Colletidae.
- bimaculata*, *Tetrapedia*, Schrottky 1902f: 540, 547: n.sp., 1♂, Type locality: Jundiahy, Repository: MPSP, Current status: *Paratetrapedia volatilis* (Smith, 1879). Apidae.
- boliviana*, *Prosopis*, Schrottky 1910o: 137: n.sp., 3♀, Type locality: Mapiri (coll. Bang-Haas), Repository: MNCN, Current status: *Hylaeus bolivianus* (Schrottky, 1910). Colletidae.
- bomplandensis*, *Waldheimia*, Schrottky 1915a: 6: *nom. nov.*, Current status: *Waldheimia bomplandensis* Schrottky, 1915. Note: Name for *Aphilodyctium nigripenne* Schrottky. Tenthredinidae.
- bomplandiana*, *Neocorynura*, Schrottky 1913a: 240: *nom. nud.* Halictidae.
- bomplandianus*, *Melissodes*, Schrottky 1914c: 629–630: n.sp., n♀, Type locality: Bompland (coll. Jørgensen), Current status: "*Melissodes*" *bomplandianus* Schrottky, 1914. Apidae.
- bonaerensis*, (as *bonaërens*), *Agapostemon*, Schrottky 1908a: 226–227: n.sp., ♂♂, Type locality: La Plata, Current

- status: *Pseudagapostemon (Pseudagapostemon) huinca* (Holmberg, 1886). Note: A Holmberg manuscript name. Halictidae.
- bonaerensis**, (as *bonaërensis*), *Campoplex*, Schrottky 1902d: 92: n.sp., 1♀, Type locality: Buenos Aires, Repository: "SCHROTTKY", Current status: *Casitaria bonaerensis* (Schrottky, 1902). Ichneumonidae.
- bonaerensis**, *Crypturus*, Schrottky 1902d: 100–101: n.sp., 1♂, Type locality: Buenos Aires (coll. Venturi), Repository: "SCHROTTKY", Current status: *Hypsicera femoralis* (Geoffroy, 1785). Ichneumonidae.
- bonaerensis**, (as *bonaërensis*), *Iphiaulax*, Schrottky 1902d: 108: n.sp., 1♀, Type locality: Buenos Aires (coll. Schrottky?), Repository: "SCHROTTKY", Current status: *Cyanopterus bonaerensis* (Schrottky, 1902). Braconidae.
- bothros**, *Prosopis*, Schrottky 1910o: 137–138: n.sp., 21♀, Type locality: Mapiri (coll. Bang-Haas), Current status: *Hylaeus bolivianus* (Schrottky, 1910). Colletidae.
- botucatum**, *Megachile*, Schrottky 1913c: 150, 212–213: n.sp., n♂, Type locality: Victoria, Botucatu, Repository: "MPSP" (not located), Current status: *Megachile (Pseudocentron) botucatum* Schrottky, 1913. Megachilidae.
- brachychaetum**, *Gasteruption*, Schrottky 1906c: 61–62: n.sp., 3♀, Type locality: Villa Encarnación, Current status: *Gasteruption brachychaetum* Schrottky, 1906. Gasteruptionidae.
- brasilense**, *Sceliphron (Podium)*, Schrottky 1903b: 42: n.sp., n♀, Type locality: Jundiahy, Current status: *Penepodium brasilense* (Schrottky, 1903). Sphecidae.
- brasilensis**, *Friesea*, Schrottky 1902f: 418–419, pl. 12, fig. 8 (♀) and 9 (♂), pl. 13, fig. 2a–2e: n.sp., 1♂, 3♀, Type locality: Jundiahy; Ypiranga (coll. Schrottky), Repository: MPSP, Current status: *Acamptopoeum prinii* (Holmberg, 1884). Andrenidae.
- brasilensis**, *Prosopis*, Schrottky 1910o: 134: n.sp., n♂, Type locality: Piracicaba (coll. Lima), Repository: MPSP (14666), Current status: *Hylaeus brasilensis* (Schrottky, 1910). Colletidae.
- brasilensis**, *Sphecodes*, Schrottky 1910f: 63: n.sp., 1♂, 1♀, Type locality: Coxambu (coll. Ihering), Repository: MPSP (14676), Current status: *Sphecodes brasilensis* Schrottky, 1910. Halictidae.
- brassolis**, *Spilochalcis*, Schrottky 1909a: 210: n.sp., n♂, n♀, Type locality: Puerto Bertoni, Repository: MPSP, Current status: *Conura brassolis* (Schrottky, 1909). Chalcididae.
- brethesi**, *Centris (Rhodocentris)*, Schrottky 1902d: 117: n.sp., 1♀, Type locality: San Juan (coll. Schrottky?), Repository: MACN, Current status: *Centris (Penthemisia) brethesi* Schrottky, 1902. Apidae.
- brethesi**, *Coelioxys*, Schrottky 1909c: 258, 265: n.sp., n♀, Type locality: Catamarca (coll. Bruch), Current status: *Coelioxys (Dasycyeloxys) insolita* Holmberg, 1903. Megachilidae.
- brethesi**, (as *Brethesi*), *Dianthidium*, Schrottky 1909a: 217–218: n.sp., n♂, Type locality: Catamarca (coll. Bruch), Repository: MPSP (LT), Current status: *Epanthidium brethesi* (Schrottky, 1909). Megachilidae.
- brethesi**, (as *Brethesi*), *Megachile*, Schrottky 1909a: 220: n.sp., n♀, Type locality: Asunción, Current status: *Megachile (Neochelynia) brethesi* Schrottky, 1909. Megachilidae.
- brethesi**, *Mesostenus*, Schrottky 1902d: 97–98: n.sp., 1♂, Type locality: Buenos Aires (coll. Brèthes), Current status: *Diapetimorpha brethesi* (Schrottky, 1902). Ichneumonidae.
- Brethesia**, Schrottky 1909c: 243: *nom. nov.*, Current status: *Pepsis*. Note: Name for *Pepsis* Fabricius. Pompilidae.
- brevipetiolatus**, *Trachypus*, Schrottky 1909a: 212: n.sp., n♀, Type locality: Villa Encarnación, Current status: *Trachypus fulvipennis* (Taschenberg, 1875). Crabronidae.
- bruchi**, *Augochlora (Paraugochloropsis)*, Schrottky 1908a: 227–228: n.sp., n♂, Type locality: Villa Encarnación, Current status: *Augochloropsis bruchi* (Schrottky, 1908). Halictidae.
- bruchi**, *Coelioxys*, Schrottky 1909c: 259, 265: n.sp., n♂, Type locality: Catamarca (coll. Bruch), Current status: *Coelioxys bruchi* Schrottky, 1909. Megachilidae.
- bruchi**, (as *Bruchi*), *Dianthidium*, Schrottky 1909a: 217: n.sp., n♂, Type locality: Catamarca (coll. Bruch), Repository: MPSP, Current status: *Epanthidium joergenseni* (Friese, 1908). Megachilidae.
- bruchi**, *Hoplisis*, Schrottky 1909c: 245: n.sp., 1♀, Type locality: Catamarca (coll. Bruch), Current status: *Stenogorytes bruchi* (Schrottky, 1909). Crabronidae.
- bruchi**, *Leucospis*, Schrottky 1913a: 141: *nom. nud.* Leucospidae.
- bruchi**, *Rhopalum*, Schrottky 1909c: 250–251: n.sp., n♀, Type locality: Catamarca (coll. Bruch), Repository: MACN, Current status: *Rhopalum bruchi* Schrottky, 1909. Crabronidae.
- bruchi**, (as *Bruchi*), *Sphecodes*, Schrottky 1906e: 305, 311: n.sp., 2♂, Type locality: Catamarca, Repository: MLP (LT), Current status: *Sphecodes bruchi* Schrottky, 1906. Halictidae.
- bruchianus**, *Halictus*, Schrottky 1908a: 225–226: n.sp., n♀, Type locality: Lago Nahuel Huapí, Repository: MACN, Current status: *Corynura (Corynura) bruchiana* (Schrottky, 1908). Halictidae.
- buehleri**, *Coelioxys*, Schrottky 1909c: 257, 262: n.sp., n♀, Type locality: Posadas (coll. Bühler), Current status: *Coelioxys buehleri* Schrottky, 1909. Megachilidae.
- burmeisteri**, *Epicharis*, Schrottky 1902b: 320–321: n.sp., 1♀, Type locality: Lagoa Santa, Repository: MACN, Current status: *Epicharis (Epicharis) bicolor* Smith, 1854. Apidae.
- caarendyensis**, *Prosopis*, Schrottky 1906a: 7, 23: n.sp., 2♂, Type locality: Puerto Caarendy, Current status: *Hylaeus caarendyensis* (Schrottky, 1906). Colletidae.

- cachoeirensis*, *Megachile pulchra*, Schrottky 1920c: 207–208: n.subsp., 6 probably ♀ (reversed symbol), Type locality: Porto do Cachoeira, Repository: "MPSP" (not located), Current status: *Megachile (Trichurochile) cachoeirensis* Schrottky, 1920. Megachilidae.
- campinensis*, *Megachile*, Schrottky 1908a: 236: n.sp., n♀, Type locality: Campinas, Repository: MPSP (not located), Current status: *Megachile (Austromegachile) susurrans* Haliday, 1836. Megachilidae.
- capra*, *Megachile*, Schrottky 1913c: 150, 214–215: n.sp., n♂, Type locality: Jundiahy, Repository: "MPSP" (not located), Current status: *Megachile (Leptorachis) aureiventris* Schrottky, 1902. Megachilidae.
- capriciosus*, *Sphecodes*, Schrottky 1906e: 306, 311: n.sp., 3♂, Type locality: Villa Encarnación, Current status: *Sphecodes capriciosus* Schrottky, 1906. Halictidae.
- capriciosus*, *Sphecodes*, Schrottky 1907a: 25, 26: \*n.sp. Note: See preceding entry for original taxon description.
- cardiospermi*, *Elachertus*, Schrottky 1911b: 2: n.sp., ♀♀, Type locality: Puerto Bertoni (coll. Bertoni AW), Current status: *Elachertus cardiospermi* Schrottky, 1911. Eulophidae.
- carioca*, *Augochloropsis*, Schrottky 1910l: 79: n.sp., n♀, Type locality: Itatiaia (coll. Lüderwaldt), Repository: MPSP (2841), Current status: *Dialictus carioca* (Schrottky, 1911). Halictidae.
- cassandra*, *Larra*, Schrottky 1902d: 113–114: n.sp., ♀♀, Type locality: Buenos Aires (coll. Autran?), Current status: "*Larra*" *cassandra* Schrottky, 1902. Crabronidae.
- castaneus*, *Agapostemon*, Schrottky 1902f: 401, 403: n.sp., n♂, n♀, Type locality: Victoria, Botucatu (coll. Hempel), Repository: MSNG (LT); "MPSP" (not located), Current status: *Agapostemon (Notagapostemon) semimelleus* Cockerell, 1900. Halictidae.
- catamarcense*, *Dianthidium*, Schrottky 1909a: 218: n.sp., n♂, Type locality: Catamarca (coll. Bruch), Repository: MPSP (LT), Current status: *Austrostelis catamarcensis* (Schrottky, 1909). Megachilidae.
- catamarcensis*, *Ammophila*, Schrottky 1910m: 31–32: n.sp., n♂, Type locality: Andalgalá (coll. Bruch), Current status: *Eremnophila catamarcensis* (Schrottky, 1910). Sphecidae.
- catamarcensis*, *Augochlora (Pseudaugochloropsis)*, Schrottky 1909c: 254: n.sp., n♀, Type locality: Catamarca (coll. Bruch), Current status: *Augochloropsis catamarcensis* (Schrottky, 1909). Halictidae.
- catamarcensis*, *Ceratina*, Schrottky 1907d: 474–475, 480: n.sp., 2♀, Type locality: Catamarca, Current status: *Ceratina (Rhysoceratina) catamarcensis* Schrottky, 1907. Apidae.
- catamarcensis*, *Cerceris*, Schrottky 1909c: 246–247: n.sp., n♀, Type locality: Catamarca (coll. Bruch), Current status: *Cerceris intricata* Smith, 1856. Crabronidae.
- catamarcensis*, *Coelioxys*, Schrottky 1909c: 257, 262–263: n.sp., n♀, Type locality: Catamarca (coll. Bruch), Current status: *Coelioxys (Cyrtocoelioxys) coloboptyche* Holmberg, 1887. Megachilidae.
- catamarcensis*, *Megachile*, Schrottky 1908a: 237: n.sp., n♀, Type locality: Catamarca?, Current status: *Megachile (Chrysosarus) catamarcensis* Schrottky, 1908. Megachilidae.
- catamarcensis*, *Melissodes*, Bertoni & Schrottky 1910: 575–576: n.sp., 3♀, Type locality: Catamarca (coll. Bruch), Repository: MPSP (LT), Current status: *Peponapis fervens* (Smith, 1879). Apidae.
- catamarcensis*, *Notoglossa*, Schrottky 1909c: 251–252: n.sp., n♀, Type locality: Catamarca (coll. Bruch), Repository: IML (NT), Current status: *Oxybelus catamarcensis* (Schrottky, 1909). Crabronidae.
- catamarcensis*, *Paranysson (Metanysson)*, Schrottky 1910n: 70: n.sp., n♂, Type locality: Catamarca (coll. Bruch), Current status: *Metanysson catamarcensis* (Schrottky, 1910). Crabronidae.
- catamarcensis*, *Psaenythia burmeisteri*, Schrottky 1909c: 256: n.subsp., n♂, Type locality: Catamarca (coll. Bruch), Repository: MACN, Current status: *Psaenythia catamarcensis* Schrottky, 1909. Andrenidae.
- celaeno*, (as *celaeno*), *Augochloropsis (Paraugochloropsis)*, Schrottky 1906a: 29–30: n.sp., 1♀, Type locality: Paraguay, Repository: "MLP" (not located), Current status: *Augochloropsis celaeno* Schrottky, 1906. Halictidae.
- chamacoco*, *Megachile*, Schrottky 1913c: 148, 204–205: n.sp., n♂, Type locality: Asunción, Current status: *Megachile (Pseudocentron) chamacoco* Schrottky, 1913. Megachilidae.
- chrysocephala*, *Coelioxys*, Schrottky 1902f: 422, 428: n.sp., ♂♂, ♀♀, Type locality: Jundiahy; Victoria, Botucatu (coll. Hempel; Labrottell), Repository: MPSP (1408, 18096), Current status: *Coelioxys (Acrocoelioxys) tolteca* Cresson, 1878. Megachilidae.
- chrysocephalus*, *Alastor*, Schrottky 1903b: 44–45: n.sp., n♂, Type locality: Minas Gerais, Current status: *Hypalastoroides singularis* (de Saussure, 1853). Note: Zavattari 1913:118 suggested this species in fact is a Crabronidae (Larrini). Vespidae.
- chrysopoda*, *Xylocopa*, Schrottky 1901: 214: *nom. nud.* Apidae.
- chrysopoda*, *Xylocopa*, Schrottky 1902f: 462, 475, pl. 12, fig. 13: n.sp., n♀, Type locality: Jundiahy (coll. Dittrich), Repository: MPSP (17759), Current status: *Xylocopa (Ioxycopa) chrysopoda* Schrottky, 1902. Apidae.
- chubutana*, *Megachile*, Schrottky 1908a: 234: n.sp., n♀, Type locality: Chubut, Current status: *Megachile chubutana* Schrottky, 1908. Megachilidae.
- chubutana*, *Melissodes (Epimelissodes)*, Bertoni & Schrottky 1910: 581: n.sp., 1♂, 1♀, Type locality: Chubut, Repository: MPSP (LT), Current status: *Melissoptila desiderata* (Holmberg, 1903). Apidae.
- cingulatus*, *Hoplisis velutinus*, Schrottky 1913a: 227: *nom. nud.* Crabronidae.



- circe*, *Augochlora* (*Augochloropsis*), Schrottky 1902f: 363, 385: n.sp., 1♀, Type locality: Jundiahy (coll. Schrottky), Repository: MPSP (17633), Current status: *Augochloropsis cleopatra* (Schrottky, 1902). Halictidae.
- cleopatra*, *Augochlora* (*Augochloropsis*), Schrottky 1902f: 363, 384: n.sp., n♀, Type locality: Jundiahy (coll. Beron), Repository: MPSP (12097), Current status: *Augochloropsis cleopatra* (Schrottky, 1902). Halictidae.
- clypeata*, *Hemisia pectoralis*, Schrottky 1908b: 99: n.form, n♂, Type locality: Asunción (coll. Anisits), Current status: *Centris* (*Melacentris*) *obsoleta* Lapeletier, 1841. Apidae.
- clypeata*, *Hemisia pectoralis*, Schrottky 1908c: 142: \*n.form. Note: See preceding entry for original taxon description; The new taxon was described in the key (Mar.), preceding the intended description (May).
- clypeata*, *Hypanthidium gregarium*, Schrottky 1905a: 10: n.var., n♀, Type locality: Villa Encarnación, Current status: *Dicranthidium gregarium* (Schrottky, 1905). Megachilidae.
- clypeata*, *Psaenythia*, Schrottky 1906e: 315: n.sp., 1♂, Type locality: Villa Encarnación, Repository: MNHNM (potential type), Current status: *Psaenythia picta* Gerstacker, 1868. Note: The new taxon was described in the key (Sep. 1906), preceding the intended description by more than a year (Nov. 1907). Andrenidae.
- clypeata*, *Psaenythia*, Schrottky 1907d: 470–471: \*n.sp. Note: See preceding entry for original taxon description.
- cockerelli*, *Augochloropsis*, Schrottky 1909j: 147–148: n.sp., n♀, Type locality: Villa Encarnaci3n, Current status: *Augochloropsis cockerelli* Schrottky, 1909. Halictidae.
- cockerelli*, *Prosopis*, Schrottky 1906a: 7, 21–22: n.sp., n♂, Type locality: Villa Encarnaci3n, Current status: *Hylaeus cockerelli* (Schrottky, 1906). Colletidae.
- cockerelli*, *Prosopis*, Schrottky 1907b: 270: \*n.sp. Note: See preceding entry for original taxon description.
- coelioxiformis*, *Megachile*, Schrottky 1910c: 540: *nom. nov.*, Current status: *Megachile* (*Sayapis*) *planula* Vachal, 1909. Note: Name for *Megachile coelioxoides* Schrottky. Megachilidae.
- coelioxoides*, (as *caelioxoides*), *Megachile*, Schrottky 1909a: 220–221: n.sp., n♂, n♀, Type locality: Hohenau; Puerto Bertoni, Repository: MPSP, Current status: *Megachile* (*Sayapis*) *planula* Vachal, 1909. Note: See *Megachile coelioxiformis*. Megachilidae.
- collaris*, *Psaenythia*, Schrottky 1906e: 315–316: n.sp., 3♀, Type locality: Villa Encarnaci3n, Repository: FIOC; MNHNM (potential type), Current status: *Psaenythia collaris* Schrottky, 1906. Andrenidae.
- columbiana*, *Odyneropsis*, Schrottky 1920c: 218–219: n.sp., n♀, Type locality: Sosomoco, Repository: MPSP (not located), Current status: *Odyneropsis columbiana* Schrottky, 1920. Apidae.
- comma*, *Psaenythia*, Schrottky 1907a: 34, 37: n.sp., 1♂, Type locality: Villa Encarnaci3n, Repository: FIOC, Current status: *Psaenythia comma* Schrottky, 1907. Andrenidae.
- corduensis*, *Megachile*, Schrottky 1909a: 219: n.sp., n♀, Type locality: C3rdoba (coll. Stempelmann), Current status: *Megachile* (*Pseudocentron*) *corduensis* Schrottky, 1909. Megachilidae.
- coriani*, *Trachypus*, Schrottky 1909a: 213–214: n.sp., n♂, Type locality: Villa Encarnaci3n, Current status: *Trachypus flavidus* (Taschenberg, 1875). Crabronidae.
- correntina*, *Ceratina*, Schrottky 1907d: 475–476, 480: n.sp., 1♀, Type locality: Corrientes, Current status: *Ceratina correntina* Schrottky, 1907. Apidae.
- costaricensis*, *Nomada*, Schrottky 1920c: 219–220: n.sp., n♂, Type locality: San Jos3, Repository: INBP; MPSP (not located), Current status: *Nomada costaricensis* Schrottky, 1920. Note: ("1 male: San Jos3, Costa Rica / Typo / 3154. / 3154. / *Nomada costaricensis* Schrottky [male] / AWB M – 361"). Apidae.
- creusa*, *Tetrachlora*, Schrottky 1910l: 80: n.sp., n♀, Type locality: Ypiranga (coll. Luderwaldt), Repository: MPSP (9654), Current status: *Dialictus creusa* (Schrottky, 1911). Halictidae.
- crotalariae*, *Xylocopa*, Schrottky 1901: 212, 214: *nom. nud.* Apidae.
- crotalariae*, *Xylocopa*, Schrottky 1902f: 460, 472–473: n.sp., n♀, Type locality: Campinas (coll. Hempel), Repository: MPSP, Current status: *Xylocopa* (*Schonnherria*) *macrops* Lapeletier, 1841. Apidae.
- Ctenioschelinae**, Schrottky 1906a: 4: family-group name. Apidae.
- Ctenocorynura*, Schrottky 1914c: 628: n.genus, Current status: *Rhinocorynura*. Halictidae.
- cubiceps*, *Monomachus*, Schrottky 1911b: 3: n.sp., n♂, n♀, Type locality: Puerto Bertoni, Repository: DEI (LT), Current status: *Monomachus cubiceps* Schrottky, 1911. Monomachidae.
- culiciformis*, *Prosopis*, Schrottky 1906a: 7, 22: n.sp., ♂♂, Type locality: Villa Encarnaci3n, Current status: *Hylaeus culiciformis* (Schrottky, 1906). Colletidae.
- culiciformis*, *Prosopis*, Schrottky 1907b: 271: \*n.sp. Note: See preceding entry for original taxon description.
- cuphae*, (as *cuphae*), *Scapteroides*, Schrottky 1905a: 2–3: n.sp., n♂, m♀, Type locality: Villa Encarnaci3n, Repository: MPSP (5340), Current status: *Chilicola cuphae* (Schrottky, 1905). Andrenidae.
- cuzcoense*, (as *cuzcoense*), *Anthidium*, Schrottky 1910p: 268: n.sp., n♂, n♀, Type locality: Cuzco (coll. Garlepp), Repository: MPSP (LT), Current status: *Anthidium cuzcoense* Schrottky, 1910. Megachilidae.
- cuzcoensis*, *Polybia pallipes*, Schrottky 1911d: 20: n.subsp., ♀♀, Type locality: Cuzco (coll. Garlepp), Repository: INBP, Current status: *Agelaia pallipes cuzcoensis* (Schrottky, 1911). Note: ("1 female: Per3, 29.IX.08 / *Gymnopolybia pallipes* (Ol.) subsp. *cuzcoensis* [female] Schr. Cotypus / AWB O-27"). Vespidae.
- cyanea*, *Augochlora* (*Augochloropsis*), Schrottky 1901: 213: *nom. nud.* Halictidae.



- cyanea*, *Augochlora* (*Augochloropsis*), Schrottky 1902f: 362, 381, pl. 12, fig. 4: n.sp., ♀♀, Type locality: Jundiahy (coll. Beron; Schrottky), Repository: MPSP (1273), Current status: *Augochloropsis cyanea* (Schrottky, 1902). Note: Schrottky in an presentation copy of the paper corrected the figure from 6 to 4. Halictidae.
- cyanea*, *Neorileya*, Schrottky 1913b: 705: n.sp., n♂, n♀, Type locality: Puerto Bertoni, Current status: “*Neorileya*” *cyanea* Schrottky, 1913. Eurytomidae.
- cyanicollis*, *Ceratina*, Schrottky 1902f: 480, 485–486, pl. 12, fig. 11: n.sp., 1♀, Type locality: Jundiahy (coll. Beron), Repository: “MPSP” (not located), Current status: *Ceratina* (*Crewella*) *cyanicollis* Schrottky, 1902. Apidae.
- cydippe*, *Odontochlora*, Schrottky 1910l: 72–73: n.sp., n♀, Type locality: Avanhandava (coll. Garbe), Repository: MPSP (12978), Current status: *Augochlora* (*Augochlora*) *cydippe* (Schrottky, 1911). Halictidae.
- Cyphomelissa*, Schrottky 1902f: 487, 493: n.genus, Current status: *Cyphomelissa*. Apidae.
- danielis*, *Eumorpha combinata*, Schrottky 1907a: 55, 56–57: n.var., 1♀, Type locality: Asunción (coll. Anisits), Repository: MPSP (=false type), Current status: *Eufriesea danielis* (Schrottky, 1907). Apidae.
- daritis*, *Campoplex*, Schrottky 1911a: 34: n.sp., n♀, Type locality: La Plata (coll. Bruch), Current status: “*Campoplex*” *daritis* Schrottky, 1911. Ichneumonidae.
- deianira*, *Tetrachlora*, Schrottky 1910l: 80: n.sp., n♀, Type locality: Campos do Jordão (coll. Lüderwaldt), Repository: MPSP (12974), Current status: *Augochloropsis deianira* (Schrottky, 1911). Halictidae.
- Desmotetrapedia*, Schrottky 1909a: 223–224: n.genus, Current status: *Chalepogenus*. Apidae.
- dismorphia*, *Cerceris rugulosa*, Schrottky 1909c: 249: n.form, ♂♂, Type locality: Catamarca (coll. Bruch), Repository: MLP, Current status: *Cerceris rugulosa* Schrottky, 1909. Crabronidae.
- dorsalis*, *Rhathymus paraguayensis*, Schrottky 1920c: 218: n.form, n♀, Type locality: Puerto Bertoni, Current status: *Rhathymus paraguayensis* Schrottky, 1920. Apidae.
- duckei*, *Tetrapedia*, Schrottky 1902f: 537, 604: *nom. nud.* Apidae.
- ecuadoria*, *Melissodes*, Bertoni & Schrottky 1910: 577: n.sp., 6♀, Type locality: Callanga; Guayaquil, Repository: MPSP (LT), Current status: *Melissodes* (*Ecplectica*) *ecuadoria* Bertoni & Schrottky, 1910. Note: A Friese manuscript name. Apidae.
- edentata*, *Coelioxys*, Schrottky 1909c: 259, 265–266: n.sp., n♂, Type locality: Villa Encarnación, Current status: *Coelioxys edentata* Schrottky, 1909. Megachilidae.
- ehrharti*, *Centris*, Schrottky 1902f: 573, 579, pl. 13, fig. 2: n.sp., ♂♂, Type locality: Rincão (coll. Ehrhardt), Repository: “MPSP” (not located), Current status: *Centris* (*Melacentris*) *dorsata* Lepeletier, 1841. Apidae.
- elephantopodis*, *Exomalopsis*, Schrottky 1909l: 279–280: n.sp., n♂, n♀, Type locality: Paraguay, Current status: *Exomalopsis* (*Exomalopsis*) *tomentosa* Friese, 1899. Apidae.
- ephyra*, *Oxystoglossa*, Schrottky 1910l: 75, 77: n.sp., n♀, Type locality: Ypiranga (coll. Torres), Repository: MPSP (6344), Current status: *Augochlorella ephyra* (Schrottky, 1911). Halictidae.
- Epicharinae**, Schrottky 1913a: 259, 263: family-group name. Apidae.
- erinnys*, *Augochlora* (*Pseudaugochloropsis*), Schrottky 1910l: 81: n.sp., n♀, Type locality: Puerto Bertoni; Raiz da Serra\* (coll. Lüderwaldt), Repository: MPSP (9944), Current status: *Neocorynura erinnys* (Schrottky, 1911). Halictidae.
- erynnis*, *Neocorynura*, Schrottky 1911h: 94–95: n.sp., n♀, Type locality: Raiz da Serra (coll. Lüderwaldt), Current status: *Neocorynura erinnys* (Schrottky, 1911). Note: Possibly a redescription of *Augochlora erynnis* Schrottky. Apidae.
- erythrocephala*, *Anthidium*, Schrottky 1902f: 444, 453–454, pl. 13, fig. 8: n.sp., n♂, n♀, Type locality: Campinas (coll. Hempel), Current status: *Epanthidium erythrocephalum* (Schrottky, 1902). Megachilidae.
- erythronotos*, *Coelioxys quaerens*, Schrottky 1920c: 191: n.var., 1♂, Type locality: Puerto Bertoni, Current status: *Coelioxys* (*Cyrtocoelioxys*) *erythronotos* Schrottky, 1920. Megachilidae.
- euadne*, *Corynura*, Schrottky 1909j: 146: n.sp., n♂, n♀, Type locality: Puerto Bertoni, Current status: *Neocorynura euadne* (Schrottky, 1909). Halictidae.
- euryale*, *Augochloropsis* (*Pseudaugochloropsis*), Schrottky 1906e: 314: n.sp., 1♀, Type locality: Villa Encarnación, Current status: *Augochlora* (*Oxystoglossella*) *euryale* (Schrottky, 1906). Halictidae.
- excellens*, *Acanthopus*, Schrottky 1901: 212, 214: *nom. nud.* Apidae.
- excellens*, *Acanthopus*, Schrottky 1902f: 505, 506–507: n.sp., n♂, n♀, Type locality: Campinas (coll. Hempel), Repository: MPSP, Current status: *Acanthopus excellens* Schrottky, 1902. Apidae.
- exigua*, *Prosopis*, Schrottky 1902f: 338, 341–342: n.sp., ♂♂, Type locality: Victoria, Botucatu (coll. Hempel), Repository: MPSP (17580), Current status: *Hylaeus exiguus* (Schrottky, 1902). Colletidae.
- fasciata*, *Pasiphae*, Schrottky 1920c: 224–226: n.sp., n♂, n♀, Type locality: Santa Fe, Current status: *Bicolletes fasciata* (Schrottky, 1920). Colletidae.
- femoralis*, *Prosopis*, Schrottky 1902f: 338, 339–340: n.sp., n♂, n♀, Type locality: Victoria, Botucatu (coll. Hempel), Repository: MPSP (17581), Current status: *Hylaeus femoralis* (Schrottky, 1902). Colletidae.
- fiebrigi*, *Gasteruption*, Schrottky 1907a: 73–74: n.sp., 1♀, Type locality: San Bernardino (coll. Fiebrig), Current status: *Gasteruption fiebrigi* Schrottky, 1907. Gasteruptionidae.

- fiebrigi*, *Megachile*, Schrottky 1908a: 234: n.sp., ♀♀, Type locality: Asunción; San Bernardino; São Paulo, Repository: MPSP (not located), Current status: *Megachile (Austromegachile) fiebrigi* Schrottky, 1908. Megachilidae.
- flava*, *Hemisia pectoralis*, Schrottky 1908b: 99: n.form, n♂, Type locality: Asunción (coll. Anisits), Current status: *Centris (Melacentris) obsoleta* Lepeletier, 1841. Apidae.
- flava*, *Hemisia pectoralis*, Schrottky 1908c: 142: \*n.form. Note: See preceding entry for original taxon description; The new taxon was described in the key (Mar.), preceding the intended description (May).
- flavofasciatum*, *Anthidium*, Schrottky 1902f: 444, 448–449: n.sp., n♀, Type locality: Ypiranga (coll. Ihering), Repository: MPSP (18102), Current status: *Hypanthidioides flavofasciata* (Schrottky, 1902). Megachilidae.
- fluminensis*, *Pseudagapostemon*, Schrottky 1911f: 38: n.sp., n♂, Type locality: Itatiaia, Repository: MPSP (not located), Current status: *Pseudagapostemon (Brasilagapostemon) fluminensis* (Schrottky, 1911). Halictidae.
- framea*, *Megachile*, Schrottky 1913c: 149, 211: n.sp., n♂, Type locality: Jundiahy, Repository: "MPSP" (not located), Current status: *Megachile (Pseudocentron) framea* Schrottky, 1913. Megachilidae.
- francisca*, *Augochlora (Augochlora)*, Schrottky 1902f: 363, 391: n.sp., ♀♀, Type locality: Campinas; Jundiahy (coll. Beron), Repository: MPSP (17637), Current status: *Augochlora (Augochlora) francisca* Schrottky, 1902. Halictidae.
- friedrichi*, *Ammophila*, Schrottky 1909c: 244: n.sp., n♀, Type locality: San Ignacio (coll. Friedrich), Current status: *Eremnophila eximia* (Lepeletier, 1845). Sphecidae.
- Friesea*, Schrottky 1902f: 418: n.genus, Current status: *Acamptopoeum*. Note: See *Parafriesea*. Andrenidae.
- friesei*, *Centris (Melanocentris) furcata*, Schrottky 1902a: 312: n.var., n♂, Type locality: São Paulo, Repository: MPSP (not located); "SCHROTTKY", Current status: *Centris (Melacentris) obsoleta* Lepeletier, 1841. Apidae.
- friesei*, *Megachile*, Schrottky 1902f: 439–440, pl. 13, fig. 1: n.sp., ♀♀, Type locality: Campinas; Jundiahy (coll. Beron), Repository: MPSP (1402), Current status: *Megachile (Leptorachis) friesei* Schrottky, 1902. Megachilidae.
- fuegianus*, *Hemiteles*, Schrottky 1902d: 99–100: n.sp., 1♀, Type locality: Nord-Ost-Feuerland (coll. Lehmann-Nitsche), Current status: *Distathma fuegiana* (Schrottky, 1902). Ichneumonidae.
- fuliginosa*, *Tetrapedia*, Schrottky 1902f: 541, 542, 551: n.sp., n♂, n♀, Type locality: Victoria, Botucatu (coll. Hempel), Repository: MPSP (LT), Current status: *Paratetrapedia volatilis* (Smith, 1879). Apidae.
- fulvipennis*, *Exomalopsis*, Schrottky 1910i: 88–89: n.sp., ♀♀, Type locality: Ypiranga, Repository: MPSP (14817), Current status: *Exomalopsis (Exomalopsis) fulvipennis* Schrottky, 1910. Apidae.
- fulvipes*, *Tachytes*, Schrottky 1903b: 44: n.sp., n♀, Type locality: Brazil, Current status: *Tachytes jucundus* Smith, 1856. Crabronidae.
- fulvitaris*, *Horama*, Schrottky 1912a: 166: n.sp., n♂, Type locality: Bompland (coll. Jørgensen), Current status: *Horama fulvitaris* Schrottky, 1912. Lepidoptera: Arctiidae.
- fulvohirta*, *Epicharis cockerelli*, Schrottky 1902f: 566: n.var., ♂♂, Type locality: Jundiahy; Ypiranga (coll. Beron; Ihering), Repository: MPSP (17874, 17876), Current status: *Epicharis (Epicharitides) iheringi* Friese, 1899. Apidae.
- fusca*, *Pseudabia*, Schrottky 1910j: 168: n.sp., n♀, Type locality: Puerto Bertoni, Current status: *Pseudabia fusca* Schrottky, 1910. Cimbicidae.
- garleppi*, (as *Garleppi*), *Anthidium*, Schrottky 1910p: 267–268: n.sp., n♂, n♀, Type locality: Apurímac (coll. Garlepp), Repository: MPSP (LT), Current status: *Anthidium garleppi* Schrottky, 1910. Megachilidae.
- garleppi*, *Cerceris*, Schrottky 1911e: 29: n.sp., n♂, Type locality: Cuzco (coll. Garlepp), Current status: *Cerceris garleppi* Schrottky, 1911. Crabronidae.
- garleppi*, *Cyphomelissa*, Schrottky 1910k: 209–210: n.sp., n♀, Type locality: Apurímac (coll. Garlepp), Current status: *Mesonychium garleppi* (Schrottky, 1910). Apidae.
- garleppi*, *Hemisia*, Schrottky 1913b: 708: n.sp., 1♀, Type locality: Apurímac (coll. Garlepp), Repository: DZUP, Current status: *Centris (Paracentris) garleppi* (Schrottky, 1913). Apidae.
- garleppi*, *Stenodynerus anisitsi*, Schrottky 1911c: 11: n.subsp., n♀, Type locality: Cuzco (coll. Garlepp), Current status: *Pseudodynerus maxillaris* (de Saussure, 1875). Vespidae.
- Gastrohalictinae**, Schrottky 1910l: 84: family-group name. Halictidae.
- gerlingi*, *Paniscus*, Schrottky 1902d: 91–92: n.sp., 1♂, Type locality: Lago General Paz (coll. Gerling), Repository: "SCHROTTKY", Current status: *Netelia gerlingi* (Schrottky, 1902). Ichneumonidae.
- giacomellii*, (as *Giacomellii*), *Ammophila*, Schrottky 1910m: 31: n.sp., 7♂, 2♀, Type locality: Andalgá; La Rioja (coll. Bruch; Giacomelli), Current status: *Eremnophila auromaculata* (Pérez, 1891). Sphecidae.
- giacomellii*, *Hoplisis*, Schrottky 1913a: 227: *nom. nud.* Crabronidae.
- giacomellii*, *Polycyrtus*, Schrottky 1911a: 36: n.sp., n♀, Type locality: La Rioja (coll. Giacomelli), Repository: MPSP (potential type), Current status: *Polycyrtus giacomellii* Schrottky, 1911. Ichneumonidae.
- giacomellii*, *Ptiloglossa*, Schrottky 1914c: 625–627: n.sp., n♂, Type locality: La Rioja (coll. Giacomelli), Current status: *Ptiloglossa giacomellii* Schrottky, 1914. Colletidae.
- gigantea*, *Tetrapedia*, Schrottky 1909a: 227: n.sp., n♀, Type locality: São Paulo, Current status: *Paratetrapedia lugubris* (Cresson, 1878). Apidae.
- gigas*, *Megachile*, Schrottky 1908a: 235–236: n.sp., n♀, Type locality: São Paulo, Repository: MPSP (not located), Current status: *Megachile (Zonomegachile) gigas* Schrottky, 1908. Megachilidae.

- giraffa*, *Megachile*, Schrottky 1913c: 151, 218: n.sp., n♂, Type locality: Puerto Bertoni, Repository: MPSP (not located), Current status: *Megachile (Austromegachile) exaltata* Smith, 1853. Megachilidae.
- gomphrenae*, *Ceratina*, Schrottky 1909a: 222: n.sp., ♀♀, Type locality: Asunción; Villa Encarnación, Current status: *Ceratina (Ceratinula) gomphrenae* Schrottky, 1909. Apidae.
- gossypii*, *Ceratina*, Schrottky 1907d: 479–480: n.sp., 1♀, Type locality: Villa Encarnación, Current status: *Ceratina (Crewella) gossypii* Schrottky, 1907. Apidae.
- gracilis*, *Megachile*, Schrottky 1902f: 435–436: n.sp., n♂, n♀, Type locality: Jundiahy (coll. Beron), Repository: MPSP, Current status: *Megachile (Trichurochile) gracilis* Schrottky, 1902. Megachilidae.
- gracillima*, *Prosopis*, Schrottky 1902f: 338, 340–341, pl. 12, fig. 1: n.sp., 2♀, Type locality: Victoria, Botucatu (coll. Hempel), Repository: MPSP (not located), Current status: *Hylaeus (Hylaeopsis) gracillimus* (Schrottky, 1902). Note: *Prosopis gracillinea* is considered a *lapsus* since Schrottky (1906a), acting as first reviser, selected *gracillima* (see Moure et al., 2007). Colletidae.
- gracillinea*, *Prosopis*, Schrottky 1902f: 338, 340–341: *lapsus*. Note: See *Prosopis gracillima*. Colletidae.
- grandis*, *Paraperreyia*, Schrottky 1915a: 5: n.sp., 2♀, Type locality: Puerto Cantera, Repository: FIOC (LT), Current status: *Perreyia lepida* (Brullé, 1846). Pergidae.
- gregarium*, *Hypanthidium*, Schrottky 1905a: 8–10, 12: n.sp., ♂♂, ♀♀, Type locality: Villa Encarnación, Repository: MNHNM (potential type); MPSP (5325), Current status: *Dicranthidium gregarium* (Schrottky, 1905). Megachilidae.
- guaranitica*, *Coelioxys*, Schrottky 1909c: 259, 266: n.sp., n♂, Type locality: Asunción (coll. Anisits), Current status: *Coelioxys guaranitica* Schrottky, 1909. Megachilidae.
- guaranitica*, *Megachile*, Schrottky 1908a: 236–237: n.sp., n♀, Type locality: Puerto Bertoni, Current status: *Megachile (Chrysosarus) guaranitica* Schrottky, 1908. Megachilidae.
- guaranitica*, *Prosopis*, Schrottky 1906a: 6, 10–11: n.sp., ♂♂, Type locality: Villa Encarnación, Repository: CAS; MPSP (potential type), Current status: *Hylaeus guaraniticus* (Schrottky, 1906). Colletidae.
- guaranitica*, *Prosopis*, Schrottky 1907b: 263–264: \*n.sp. Note: See preceding entry for original taxon description.
- guayaqui*, *Megachile*, Schrottky 1913c: 140, 171–172: n.sp., n♀, Type locality: Hohenau, Repository: "MPSP" (not located), Current status: *Megachile (Rhysso-megachile) guayaqui* Schrottky, 1913. Megachilidae.
- guayrae*, *Hemibracon*, Schrottky 1913b: 704–705: n.sp., 2♀, Type locality: Zororo, Current status: *Hemibracon guayrae* Schrottky, 1913. Braconidae.
- hades*, *Tachytes*, Schrottky 1903b: 43: n.sp., n♀, Type locality: Minas Gerais, Current status: *Tachytes hades* Schrottky, 1903. Crabronidae.
- Halictomorpha*, Schrottky 1910l: 81–82: n.genus, Current status: *Dialictus*. Halictidae.
- hampsoni*, *Macroneme indistincta*, Schrottky 1910d: 151: n.subsp., 1♂, Type locality: Rio Grande do Sul, Current status: *Poliopastea indistincta* (Butler, 1876). Note: Described based on G.F. Hampson's *Macroneme indistincta* Ab. 1 (1898, Catalogue of the Lepidoptera Phalaenæ in the British museum, Vol. 1 (Syntomidæ): 324). Lepidoptera: Arctiidae.
- hecuba*, *Augochlora (Augochloropsis)*, Schrottky 1902f: 362, 380: n.sp., 1♀, Type locality: Ypiranga (coll. Hempel), Repository: MPSP (potential type, 1041), Current status: *Augochloropsis semele* (Schrottky, 1902). Halictidae.
- helicitarsus*, *Megachile*, Schrottky 1913c: 148, 206–207: n.sp., n♂, Type locality: Jundiahy, Repository: MPSP (14299), Current status: *Megachile (Leptorachis) friesei* Schrottky, 1902. Megachilidae.
- Heteroperreyia*, Schrottky 1915a: 5–6: n.genus, Current status: *Heteroperreyia*. Pergidae.
- hiberna*, *Exomalopsis*, Schrottky 1908a: 238: n.sp., n♀, Type locality: Villa Encarnación, Current status: *Exomalopsis (Exomalopsis) analis* Spinola, 1853. Apidae.
- holmbergi*, *Augochlora (Paraugochloropsis)*, Schrottky 1910g: 72: n.sp., ♀♀, Type locality: Marcapata, Repository: MNCN, Current status: *Augochloropsis holmbergi* (Schrottky, 1910). Halictidae.
- holmbergi*, (as *holmberg*), *Coelioxys*, Schrottky 1920c: 190: n.sp., n♀, Type locality: La Rioja, Current status: *Coelioxys holmbergi* Schrottky, 1920. Note: We consider the original spelling a *lapsus calami* (art. 32.5.1.), Megachilidae.
- holmbergi*, *Epeolus*, Schrottky 1913a: 265: *nom. nov.*, Current status: *Doeringiella holmbergi* (Schrottky, 1913). Note: Name for *Doeringiella variegata* Holmberg. Apidae.
- holoneurum*, *Trypoxylon*, Schrottky 1910n: 69–70: n.sp., ♂♂, ♀♀, Type locality: La Rioja; Mendoza; Puerto Bertoni; Villa Encarnación (coll. Giacomelli; Jensen-Haarup), Current status: *Trypoxylon rogenhoferi* Kohl, 1884. Crabronidae.
- holophernes*, *Salius (Priocnemis)*, Schrottky 1903b: 39–40: n.sp., n♀, Type locality: São Paulo, Current status: "*Priocnemis*" *holophernes* (Schrottky, 1903). Pompilidae.
- holosericea*, *Odyneropsis*, Schrottky 1902f: 433–434, pl. 12, fig. 14: n.sp., 1♂, 1♀, Type locality: Ypiranga, Repository: MPSP (1386), Current status: *Odyneropsis armata* (Friese, 1900). Apidae.
- huancabambae*, *Hypodynerus*, Schrottky 1911c: 10: n.sp., n♀, Type locality: Huancabamba (coll. Rolle), Current status: *Hypodynerus huancabambae* Schrottky, 1911. Vespidae.
- hydrophila*, *Prosopis*, Schrottky 1906a: 7, 24–25: n.sp., 8♂, Type locality: Puerto Caarendy, Repository: CAS; MLP;



- MPSP (potential type), Current status: *Hylaeus hydrophilus* (Schrottky, 1906). Colletidae.
- hypsipyle**, *Augochlora* (*Pseudaugochloropsis*), Schrottky 1909a: 215–216: n.sp., 1♀, Type locality: Ypiranga (coll. Lüderwaldt), Repository: MPSP (12700), Current status: *Augochloropsis hypsipyle* (Schrottky, 1909). Halictidae.
- iheringi**, *Anthrenoides*, Schrottky 1910l: 83–84: n.sp., n♂, Type locality: Jundiáhy, Repository: "SCHROTTKY", Current status: *Parapsaenythia serripes* (Ducke, 1908). Andrenidae.
- iheringi**, (as *Iheringi*), *Dianthidium*, Schrottky 1910p: 270–271: n.sp., n♂, Type locality: Jundiáhy, Repository: MPSP (LT), Current status: *Austrostelis iheringi* (Schrottky, 1910). Megachilidae.
- iheringi**, (as *Iheringi*), *Megachile*, Schrottky 1913c: 137, 157–158: n.sp., n♀, Type locality: Jundiáhy, Repository: "MPSP" (not located), Current status: *Megachile iheringi* Schrottky, 1913. Megachilidae.
- iheringi**, *Pasiphae*, Schrottky 1910e: 56: n.sp., n♀, Type locality: Ypiranga (coll. Ihering), Repository: MPSP (not located), Current status: *Bicolletes iheringi* (Schrottky, 1910). Colletidae.
- iheringi**, (as *Iheringi*), *Prosopis*, Schrottky 1910l: 71–72: n.sp., n♂, n♀, Type locality: Puerto Bertoni, Repository: "SCHROTTKY", Current status: *Hylaeus iheringi* (Schrottky, 1911). Colletidae.
- iheringi**, *Tetralonia*, Bertoni & Schrottky 1910: 572: n.sp., 1♀, Type locality: Ypiranga, Repository: MPSP, Current status: *Gaesischia* (*Gaesischia*) *fulgurans* (Holmberg, 1903). Apidae.
- imitatrix**, *Ancyloscelis*, Schrottky 1909a: 223: n.sp., n♂, n♀, Type locality: Asunción, Repository: MLP (LT), Current status: *Alepidosceles imitatrix* (Schrottky, 1909). Apidae.
- immaculata**, *Elis*, Schrottky 1910b: 203: n.sp., n♀, Type locality: Mendoza (coll. Jørgensen), Current status: *Campsomerus immaculata* (Schrottky, 1910). Scoliidae.
- imperialis**, *Ceratina laeta*, Schrottky 1909a: 221: n.subsp., n♀, Type locality: Asunción, Current status: *Ceratina* (*Calloceratina*) *chloris* (Fabricius, 1804). Apidae.
- incerta**, *Augochlora* (*Augochloropsis*), Schrottky 1902f: 363, 386: n.sp., n♀, Type locality: Victoria, Botucatu (coll. Hempel), Repository: MPSP (1272), Current status: *Caenohalictus incertus* (Schrottky, 1902). Halictidae.
- inexorable**, *Simulium*, Schrottky 1909k: 63: n.sp., ♀♀, Type locality: Argentina; Brazil; Paraguay; along Paraná river, Current status: *Simulium inexorable* Schrottky, 1909. Diptera: Simuliidae.
- inornatum**, *Temnosoma*, Schrottky 1902f: 350, 351–352: n.sp., 1♂, Type locality: Victoria, Botucatu (coll. Hempel), Repository: MPSP (17614), Current status: *Sphcodes inornatus* (Schrottky, 1902). Halictidae.
- inquirenda**, *Megachile*, Schrottky 1913c: 145, 192–193: n.sp., ♀♀, Type locality: Raiz da Serra\*; Ypiranga (coll. Lüderwaldt), Repository: "MPSP" (not located), Current status: *Megachile* (*Chrysosarus*) *inquirenda* Schrottky, 1913. Megachilidae.
- intermedia**, *Pepsis*, Schrottky 1902a: 314: n.sp., 1♂, Type locality: Buenos Aires (coll. Venturi), Repository: "SCHROTTKY", Current status: *Pepsis limbata* Guérin-Meneville, 1831. Pompilidae.
- interrupta**, *Epicharis maculata*, Schrottky 1908b: 95, 95: n.form, n♀, Type locality: Asunción (coll. Anisits), Repository: ZMBH, Current status: *Epicharis* (*Epicharitides*) *obscura* Friese, 1899. Apidae.
- ipomoeae**, *Megalopta* (*Megaloptella*), Schrottky 1912b: 271–272: n.sp., n♂, n♀, Type locality: Bompland; Mar de Hespanha; Puerto Bertoni (coll. Zikàn), Repository: MPSP (17644), Current status: *Megommation insigne* (Smith, 1853). Halictidae.
- ipomoeae**, *Meliphila*, Schrottky 1902a: 311–312: n.sp., 1♂, ♀♀, Type locality: Buenos Aires; São Paulo (coll. Autran; Schrottky), Repository: "AUTRAN"; "SCHROTTKY", Current status: *Melitoma segmentaria* (Fabricius, 1804). Apidae.
- iridipennis**, *Prosopis*, Schrottky 1906a: 7, 26–27: n.sp., 1♂, Type locality: Puerto Caarendy, Current status: *Hylaeus iridipennis* (Schrottky, 1906). Colletidae.
- iris**, *Augochlora* (*Augochloropsis*), Schrottky 1902f: 361, 372–373, pl. 12, fig. 5: n.sp., n♀, Type locality: Ypiranga, Repository: MPSP (17622), Current status: *Augochloropsis iris* (Schrottky, 1902). Note: Schrottky in an presentation copy of the paper corrected the figure from 4 to 5. Halictidae.
- itapuae**, *Megachile*, Schrottky 1908a: 238: n.sp., n♀, Type locality: Villa Encarnación, Current status: *Megachile* (*Acentron*) *itapuae* Schrottky, 1908. Megachilidae.
- itapuense**, *Dianthidium*, Schrottky 1920c: 210–211: *nom. nov.*, Current status: *Austrostelis zebrata* (Schrottky, 1905). Note: Name for *Dianthidium zebratum* Schrottky. Megachilidae.
- itapuensis**, *Prosopis*, Schrottky 1906a: 6, 19–20: n.sp., ♂♂, ♀♀, Type locality: Villa Encarnación (coll. Schrottky), Repository: CAS (LT); MNHNM (potential type), MPSP, Current status: *Hylaeus itapuensis* (Schrottky, 1906). Colletidae.
- itapuensis**, *Prosopis*, Schrottky 1907b: 268–269: \*n.sp. Note: See preceding entry for original taxon description.
- jocasta**, *Oxystoglossa*, Schrottky 1910l: 74–75, 77: n.sp., n♀, Type locality: Campos do Jordão (coll. Lüderwaldt), Repository: MPSP (12971), Current status: *Paroxystoglossa jocasta* (Schrottky, 1911). Halictidae.
- joergenseni**, *Ancyloneura*, Schrottky 1913b: 703: n.sp., ♂♂, 2♀, Type locality: Bompland (coll. Jørgensen), Repository: MLP (LT), Current status: *Heteroperreyia joergenseni* (Jørgensen, 1913). Pergidae.
- joergenseni**, *Elis*, Schrottky 1910b: 201–202: n.sp., n♀, Type locality: Mendoza (coll. Jørgensen), Current status: *Campsomerus joergenseni* (Schrottky, 1910). Scoliidae.



- joergenseni**, *Hypodynerus*, Schrottky 1909c: 240: n.sp., n♀, Type locality: Mendoza (coll. Jørgensen), Current status: *Hypodynerus joergenseni* Schrottky, 1909. Vespidae.
- joergenseni**, *Pachymenes*, Schrottky 1909j: 137–138: n.sp., n♀, Type locality: Mendoza, Current status: *Pachymenix joergenseni* (Schrottky, 1909). Vespidae.
- joergenseni**, *Prosopis*, Schrottky 1913a: 235: *nom. nov.*, Current status: *Hylaeus joergenseni* (Schrottky, 1913). Note: Name for *Prosopis opaca* Schrottky. Colletidae.
- joergenseni**, *Siobla*, Schrottky 1913b: 702: n.sp., n♂, n♀, Type locality: Bompland (coll. Jørgensen), Repository: MLP, Current status: *Siobla joergenseni* Schrottky, 1913. Tenthredinidae.
- joergenseni**, *Trimeria*, Schrottky 1909j: 137: n.sp., n♀, Type locality: Mendoza, Current status: *Trimeria joergenseni* Schrottky, 1909. Vespidae.
- jujuyensis**, *Trigona*, Schrottky 1911f: 39: n.sp., n♀, Type locality: Jujuy (coll. Bruch), Current status: “*Trigona*” *jujuyensis* Schrottky, 1911. Apidae.
- jundiana**, *Megachile*, Schrottky 1913c: 148, 204: n.sp., 2♂, Type locality: Franca; Jundiahy\*; Victoria, Botucatu, Repository: MPSP, Current status: *Megachile (Pseudocentron) terrestris* Schrottky, 1902. Megachilidae.
- juno**, *Oxystoglossa*, Schrottky 1909j: 139–140: n.sp., n♂, n♀, Type locality: Puerto Bertoni, Current status: *Augochlora (Augochlora) perimelas* Cockerell, 1900. Halictidae.
- junonium**, *Sceliphron (Podium)*, Schrottky 1903b: 41–42: n.sp., n♂, Type locality: Jundiahy, Current status: *Penepodium junonium* (Schrottky, 1903). Sphecidae.
- latum**, *Anthidium*, Schrottky 1902f: 444, 447–448: n.sp., n♀, Type locality: Jundiahy (coll. Beron), Repository: MPSP (18114), Current status: *Anthidium latum* Schrottky, 1902. Megachilidae.
- lehmannnitschei**, (as *lehmann-nitschei*), *Ischnoceros*, Schrottky 1902d: 101–102: n.sp., 1♀, Type locality: Nord-Ost-Feuerland (coll. Lehmann-Nitsche), Repository: "SCHROTTKY", Current status: *Ischnoceros lehmannnitschei* Schrottky, 1902. Ichneumonidae.
- leocadia**, *Augochlora (Paraugochloropsis)*, Schrottky 1909d: 481: n.sp., 1♀, Type locality: Jundiahy (coll. Beron), Repository: "BERON"; MPSP (not located), Current status: *Augochloropsis smithiana* (Cockerell, 1900). Note: Name for misdetermined *Augochlora acidalia* Smith (in Schrottky 1902: 375). Halictidae.
- leporina**, *Coelioxys*, Schrottky 1909c: 257, 261: n.sp., n♀, Type locality: Villa Encarnación, Repository: MPSP, Current status: *Coelioxys (Acrocoelioxys) pygidialis* Schrottky, 1902. Megachilidae.
- lethe**, *Odontochlora*, Schrottky 1909j: 144: n.sp., n♂, Type locality: Puerto Bertoni, Current status: *Augochlora (Augochlora) lethe* (Schrottky, 1909). Halictidae.
- leucocentra**, *Megachile fossoris*, Schrottky 1908a: 236: n.subsp., n♀, Type locality: Asunción, Repository: MPSP (not located), Current status: *Megachile (Pseudocentron) curvipes* Smith, 1853. Megachilidae.
- leucocephala**, *Tetralonia*, Bertoni & Schrottky 1910: 570–571: n.sp., 1♀, Type locality: Jundiahy, Current status: *Pachysvastra leucocephala* (Bertoni & Schrottky, 1910). Apidae.
- levimarginata**, *Megachile*, Schrottky 1913c: 141, 175: n.sp., n♀, Type locality: Asunción, Current status: *Megachile (Pseudocentron) levimarginata* Schrottky, 1913. Megachilidae.
- ligea**, *Neocorynura*, Schrottky 1911f: 38: n.sp., n♀, Type locality: Mapiri, Current status: *Habralictus ligeus* (Schrottky, 1911). Halictidae.
- liliacea**, *Elis*, Schrottky 1910n: 69: n.sp., n♀, Type locality: Cuzco (coll. Garlepp), Current status: *Campsomerus liliacea* (Schrottky, 1910). Scoliidae.
- limae**, *Megachile*, Schrottky 1913c: 142, 176–177: n.sp., ♀♀, Type locality: Campinas; Jundiahy\*; Rincão (coll. Beron; Hempel), Repository: MPSP (HT 18128, PT 6494, 18127), Current status: *Megachile (Acentron) lentifera* Vachal, 1909. Megachilidae.
- lineola**, *Campoplex*, Schrottky 1902d: 92–93: n.sp., 1♂, Type locality: Buenos Aires (coll. Venturi), Repository: "SCHROTTKY", Current status: *Dusona lineola* (Schrottky, 1902). Ichneumonidae.
- longicornis**, *Prosopis*, Schrottky 1906a: 8, 28–29: n.sp., 1♂, Type locality: Villa Encarnación, Current status: *Hylaeus seabrai* Urban & Moure, 2002. Colletidae.
- longicornis**, *Prosopis*, Schrottky 1907b: 272–273: \*n.sp. Note: See preceding entry for original taxon description.
- luederwaldti**, *Megachile*, Schrottky 1913c: 145, 189: n.sp., n♀, Type locality: Campos do Jordão (coll. Lüderwaldt), Repository: MPSP (18144), Current status: *Megachile (Chrysosarus) luederwaldti* Schrottky, 1913. Note: As *luederwaldti* in key. Megachilidae.
- luederwaldti**, (as *luederwaldti*), *Tetralonia*, Schrottky 1910h: 78: n.sp., n♀, Type locality: Campos do Jordão (coll. Lüderwaldt), Repository: "MPSP" (not located), Current status: *Thygater (Nectarodiaeta) luederwaldti* Schrottky, 1910. Apidae.
- luxuriosus**, *Paranysson*, Schrottky 1910n: 70: n.sp., n♀, Type locality: Catamarca (coll. Bruch), Current status: *Zanysson luxuriosus* (Schrottky, 1910). Crabronidae.
- lycorias**, *Augochloropsis (Paraugochloropsis)*, Schrottky 1906e: 313: n.sp., ♂♂, Type locality: Villa Encarnación, Current status: *Augochloropsis epipyrgitis* (Holmberg, 1903). Halictidae.
- lynchi**, *Centris (Melanocentris)*, Schrottky 1902a: 312: n.sp., ♂♂, ♀♀, Type locality: San Juan (coll. Lynch Arribálzaga;

- Venturi), Repository: MACN, Current status: *Centris (Hemisiella) nigriventris* Burmeister, 1876. Apidae.
- macrurum**, *Podagrion*, Schrottky 1902d: 109–110: n.sp., ♂♂, ♀♀, Type locality: Buenos Aires (coll. Venturi), Repository: MPSP (LT); "SCHROTTKY", Current status: *Podagrion macrurum* Schrottky, 1902. Podagrionidae.
- maculitarsis**, *Stictia*, Schrottky 1913b: 705–706: n.sp., 1♀, Type locality: São Paulo, Repository: "MPSP" (not located), Current status: *Stictia maculitarsis* Schrottky, 1913. Crabronidae.
- magnificus**, *Trachypus*, Schrottky 1909c: 246: n.sp., ♀♀, Type locality: Puerto Bertoni; Villa Encarnación, Current status: *Trachypus patagonensis* (de Saussure, 1854). Crabronidae.
- manaosensis**, *Megachile*, Schrottky 1913c: 147, 201: n.sp., n♀, Type locality: Manaus, Repository: MPSP (12881), Current status: *Megachile (Acentron) manaosensis* Schrottky, 1913. Megachilidae.
- manto**, *Neocorynura*, Schrottky 1911f: 38: n.sp., n♀, Type locality: Mapiri, Current status: *Habralictus manto* (Schrottky, 1911). Halictidae.
- mapiriensis**, *Neocorynura*, Schrottky 1910g: 72: n.sp., 3♀, Type locality: Mapiri (coll. Bang-Haas), Current status: *Habralictus mapiriensis* (Schrottky, 1910). Halictidae.
- mapiriensis**, *Prosopis*, Schrottky 1910o: 133–134: n.sp., n♀, Type locality: Mapiri (coll. Bang-Haas), Repository: MNCN, Current status: *Hylaeus mapiriensis* (Schrottky, 1910). Colletidae.
- matto grossensis**, *Meliphila*, Schrottky 1902b: 326: n.sp., 1♀, Type locality: Matto Grosso, Repository: MACN, Current status: *Melitoma nudipes* (Burmeister, 1876). Apidae.
- matutina**, *Megacilissa*, Schrottky 1904: 346: n.sp., n♂, Type locality: Villa Encarnación, Current status: *Ptiloglossa matutina* (Schrottky, 1904). Colletidae.
- maximus**, *Stenodynerus*, Schrottky 1909c: 239: n.sp., n♂, Type locality: Valle Santa Maria (coll. Bruch), Current status: *Stenodynerus maximus* (Schrottky, 1909). Vespidae.
- Megaloptella**, Schrottky 1906e: 312: n.subgenus, Current status: *Megalopta*. Note: As subgenus of *Megalopta*. Halictidae.
- melancholica**, *Odyneropsis*, Schrottky 1914c: 639: n.sp., n♂, Type locality: Bompland (coll. Jørgensen), Current status: *Odyneropsis melancholica* Schrottky, 1914. Apidae.
- melancholicus**, *Hypodynerus*, Schrottky 1909c: 240: n.sp., n♂, Type locality: Catamarca (coll. Bruch), Current status: *Hypodynerus melancholicus* Schrottky, 1909. Vespidae.
- melanogaster**, *Megalomma*, Schrottky 1911e: 28: n.sp., n♀, Type locality: Cuzco (coll. Garlepp), Current status: *Stenogorytes melanogaster* (Schrottky, 1911). Crabronidae.
- melanopus**, *Sphcodes*, Schrottky 1906e: 308, 311: n.sp., 2♂, Type locality: Lago Nahuel Huapí (coll. Bruch), Repository: MLP (LT), Current status: *Sphcodes melanopus* Schrottky, 1906. Halictidae.
- melanopus**, *Tetrapedia*, Schrottky 1909a: 226: n.sp., n♂, Type locality: Puerto Bertoni, Current status: "*Tetrapedia melanopus* Schrottky, 1909. Apidae.
- melanopyga**, *Megachile guaranitica*, Schrottky 1908a: 237: n.form, n♀, Type locality: Puerto Bertoni, Repository: MNCN (potential type), Current status: *Megachile (Chryosarus) guaranitica* Schrottky, 1908. Megachilidae.
- melanoxanthum**, *Megalomma*, Schrottky 1911e: 27–28: n.sp., n♂, Type locality: Puerto Bertoni, Current status: *Epigorytes procerulides* (Strand, 1910). Crabronidae.
- melanura**, *Aphaerete*, Schrottky 1902d: 104–105: n.sp., 1?♀, Type locality: Buenos Aires (coll. Venturi), Repository: "SCHROTTKY"; USNM (NT), Current status: *Aphaerete melanura* Schrottky, 1902. Braconidae.
- Meliphila**, Schrottky 1902a: 310–311: n.genus, Current status: *Melitoma*. Apidae.
- melochiae**, *Exomalopsis*, Schrottky 1908a: 239: n.sp., n♀, Type locality: Villa Encarnación, Current status: "*Exomalopsis melochiae* Schrottky, 1908. Apidae.
- melochiae**, (as *melochiæ*), *Megachile*, Schrottky 1913c: 148, 205–206: n.sp., ♂♂, Type locality: Mendoza; Villa Encarnación (coll. Schrottky), Repository: MPSP (18150), Current status: *Megachile (Sayapis) zaptlana* Cresson, 1878. Megachilidae.
- melochiae**, *Melissodes (Epimelissodes)*, Bertoni & Schrottky 1910: 581–582: n.sp., 1♂, 5♀, Type locality: Villa Encarnación, Repository: MPSP, Current status: *Melissoptila minarum* (Bertoni & Schrottky, 1910). Apidae.
- mendozaana**, *Eumenes*, Schrottky 1909j: 138: n.sp., n♀, Type locality: Mendoza, Repository: INBP, Current status: *Zeta mendozanum* (Schrottky, 1909). Note: ("1 female: Mendoza, R. Arg., xii.1908 / Cotypus / 3087. / *Eumenes mendozaana* Schrottky / AWB F-69"). Vespidae.
- mententomes**, *Coelioxys*, Schrottky 1920c: 196–197: n.sp., n♂, Type locality: Puerto Bertoni, Current status: *Coelioxys (Glyptocoelioxys) chacoensis* Holmberg, 1903. Megachilidae.
- mephistophelica**, *Macrocera*, Schrottky 1902a: 310: n.sp., 1♂, Type locality: Jundiahy (coll. Beron), Repository: MPSP (1395); "SCHROTTKY", Current status: *Alloscirtetica mephistophelica* (Schrottky, 1902). Apidae.
- meridionale**, *Pseudosphex*, Schrottky 1910d: 148–149: n.sp., 2♂, Type locality: Puerto Bertoni, Current status: *Sphecosoma meridionale* (Schrottky, 1910). Lepidoptera: Arctiidae.
- meridionalis**, *Colletes rufipes*, Schrottky 1902f: 344, 345: n.var., 2♀, Type locality: Rio Grande do Sul (coll. Ihering), Repository: MPSP (17585), Current status: *Colletes meridionalis* Schrottky, 1902. Colletidae.
- meridionalis**, *Protandrena*, Schrottky 1906e: 314–315: n.sp., 4♂, Type locality: Villa Encarnación, Repository: FIOC;

- MNHNM (potential type), Current status: *Anthrenoides meridionalis* (Schrottky, 1906). Andrenidae.
- metatarsalis*, *Megacilissa*, Schrottky 1902b: 317–318: n.sp., 2♂, 2♀, Type locality: Tucumán, Paraná (coll. Doering), Repository: "MACN", Current status: *Ptiloglossa tarsata* (Friese, 1900). Colletidae.
- Micraugochlora*, Schrottky 1909j: 138: n.genus, Current status: *Temnosoma*. Halictidae.
- microsynoeca*, *Ancistrocerus*, Schrottky 1909c: 241: n.sp., n♀, Type locality: Mendoza (coll. Jørgensen), Current status: *Stenodynerus microsynoeca* (Schrottky, 1909) comb.n. Vespidae.
- miles*, *Trachypus*, Schrottky 1909a: 214–215: n.sp., ♂♂, ♀♀, Type locality: Villa Encarnación, Repository: MNCN, Current status: *Trachypus miles* Schrottky, 1909. Crabronidae.
- mimeticus*, *Tachytes*, Schrottky 1909c: 250: n.sp., unknown number and sex, Type locality: Catamarca (coll. Bruch), Current status: *Tachytes chilensis* (Spinola, 1851). Crabronidae.
- minarum*, *Melissodes* (*Epimelissodes*), Bertoni & Schrottky 1910: 582–583: n.sp., 12♂, Type locality: Minas Gerais (coll. Bang-Haas), Repository: AMNH (=false type), Current status: *Melissoptila minarum* (Bertoni & Schrottky, 1910). Apidae.
- minarum*, *Sphecodes*, Schrottky 1910f: 63: n.sp., 1♂, Type locality: Coxambu, Repository: MPSP (2533), Current status: *Sphecodes minarum* Schrottky, 1910. Halictidae.
- minor*, *Coelioxys holmberg*, Schrottky 1920c: 191: n.form, n♀, Type locality: La Rioja, Current status: *Coelioxys minor* Schrottky, 1920. Megachilidae.
- minor*, *Exomalopsis elephantopodus*, Schrottky 1910i: 89: n.subsp., unknown number and sex (♀?), Type locality: Ypiranga, Repository: MPSP (14825), Current status: *Exomalopsis (Exomalopsis) minor* Schrottky, 1910. Apidae.
- minor*, *Hypanthidium gregarium*, Schrottky 1905a: 10: n.var., n♀, Type locality: Villa Encarnación, Current status: *Dicranthidium gregarium* (Schrottky, 1905). Megachilidae.
- minos*, *Tachytes*, Schrottky 1903b: 43–44: n.sp., n♂, Type locality: São Paulo, Current status: *Tachytes hades* Schrottky, 1903. Crabronidae.
- minuscula*, *Megachile*, Schrottky 1913c: 151, 219: n.sp., ♂♂, Type locality: Itatiaia; Mar de Hespanha; Misiones; Puerto Bertoni, Repository: "MPSP" (not located), Current status: *Megachile (Austromegachile) susurrans* Haliday, 1836. Megachilidae.
- missionum*, *Caloptilia*, Schrottky 1913b: 703–704: n.sp., n♂, n♀, Type locality: Bompland (coll. Jørgensen), Repository: MLP (LT), Current status: *Scobina bonplandi* (Jørgensen, 1913). Argidae.
- montevicensis*, *Megachile*, Schrottky 1909a: 219: n.sp., n♀, Type locality: Montevideo, Repository: MACN, Current status: *Megachile montevicensis* Schrottky, 1909. Megachilidae.
- montevicensis*, *Melissodes*, Bertoni & Schrottky 1910: 577: n.sp., 1♂, Type locality: Montevideo, Repository: MNHNM; MPSP, Current status: *Melissodes (Ecleptica) tintinnans* (Holmberg, 1884). Apidae.
- musciforme*, *Anthidium*, Schrottky 1902f: 444, 455: n.sp., n♀, Type locality: Jundiahy (coll. Beron), Repository: MPSP (potential type), Current status: *Saranthidium musciforme* (Schrottky, 1902). Megachilidae.
- mutillaeformis*, *Sphecodes*, Schrottky 1906e: 310, 311: n.sp., 1♀, Type locality: Catamarca, Current status: *Sphecodes mutillaeformis* Schrottky, 1906. Halictidae.
- mystica*, *Caupolicana*, Schrottky 1902b: 318–319: n.sp., 4♂, 2♀, Type locality: Banda Oriental; Córdoba; Paraná; Patagonia; Tarija, Repository: MACN (LT), Current status: *Caupolicana mystica* Schrottky, 1902. Note: A Gerstäcker manuscript name. Colletidae.
- nahuelhuapiensis*, (as *nahuel-huapiensis*), *Halictus*, Schrottky 1908a: 225: n.sp., n♀, Type locality: Lago Nahuel Huapí, Current status: *Ruizanthedella mutabilis* (Spinola, 1851). Halictidae.
- nasua*, *Pseudagapostemon*, Schrottky 1910l: 83: n.sp., ♂♂, Type locality: Asunción; Caxambu; Puerto Bertoni; Ypiranga (coll. Lima), Repository: MPSP (12987), Current status: *Pseudagapostemon (Pseudagapostemon) arenarius* (Schrottky, 1902). Halictidae.
- nausicaa*, *Odontochlora*, Schrottky 1909j: 144: n.sp., n♀, Type locality: Buenos Aires, Current status: *Augochlora (Augochlora) nausicaa* (Schrottky, 1909). Halictidae.
- nectarinioides*, (as *nectariniaides*), *Anthidium*, Schrottky 1902f: 444, 445, 451–452: n.sp., n♂, n♀, Type locality: Campinas (coll. Hempel), Current status: *Epanthidium nectarinioides* (Schrottky, 1902). Note: We consider the original spelling a *lapsus calami* (art. 32.5.1.). Megachilidae.
- nemorensis*, *Melissoptila*, Bertoni & Schrottky 1910: 593: n.sp., 1♂, Type locality: Puerto Bertoni, Repository: "BERTONI", Current status: *Melissoptila vulpecula* Bertoni & Schrottky, 1910. Apidae.
- Neochelynia*, Schrottky 1920c: 187–188: n.genus, Current status: *Megachile (Neochelynia)*. Megachilidae.
- Neocorynura*, Schrottky 1910c: 540: *nom. nov.*, Current status: *Neocorynura*. Note: Name for *Cacosoma* Smith. Halictidae.
- Neoscirtetica*, Schrottky 1913a: 256: *nom. nov.*, Current status: *Alloscirtetica*. Note: Name for *Scirtetica* Holmberg. Apidae.
- Neosprynchotus*, Schrottky 1915a: 6: n.genus, Current status: *Photocryptus*. Ichneumonidae.
- neotropicus*, *Amblyteles*, Schrottky 1910j: 168: n.sp., ♂♂, Type locality: Villa Encarnación, Repository: "DEI"; ZMHB (LT), Current status: *Thymebatis neotropica* (Schrottky, 1910). Ichneumonidae.



- neotropicus**, *Pseudofoenus*, Schrottky 1906c: 62: n.sp., 1♂, Type locality: Villa Encarnación, Current status: "*Pseudofoenus*" *neotropicus* Schrottky, 1906. Gasteruptiidae.
- nigerrima**, *Tetrapedia*, Schrottky 1909a: 225–226: n.sp., n♀, Type locality: Villa Encarnación, Current status: *Tapinotaspoides nigerrima* (Schrottky, 1909). Apidae.
- nigerrimum**, *Anthidium*, Schrottky 1910p: 269: n.sp., n♀, Type locality: Cuzco (coll. Garlepp), Repository: MPSP (LT), Current status: *Anthidium nigerrimum* Schrottky, 1910. Megachilidae.
- nigra**, *Bertonia*, Schrottky 1906f: 350: n.sp., n♂, Type locality: Puerto Bertoni (coll. Bertoni AW), Repository: MPSP (potential type), Current status: *Seminota marginata* (Westwood, 1874). Trigonalyidae.
- nigricornis**, *Macrocne*, Schrottky 1912a: 166: n.sp., ♂♂, Type locality: Bompland; Posadas (coll. Jørgensen), Current status: *Macrocne nigricornis* Schrottky, 1912. Lepidoptera: Arctiidae.
- nigripenne**, *Aphilodyctium*, Schrottky 1913b: 702–703: n.sp., n♀, Type locality: Bompland (coll. Jørgensen), Repository: "JØRGENSEN"; MLP, Current status: *Waldheimia nigripenne* (Schrottky, 1913). Note: See *Waldheimia bomplandensis*. Tenthredinidae.
- nigropilosa**, *Megachile*, Schrottky 1902f: 435: n.sp., n♀, Type locality: Jundiahy (coll. Schrottky), Repository: "MPSP" (not located), Current status: *Megachile (Moureapis) nigropilosa* Schrottky, 1902. Megachilidae.
- niobe**, *Pimpla*, Schrottky 1902d: 96: n.sp., 1♂, Type locality: Buenos Aires (coll. Venturi), Repository: "SCHROTTKY", Current status: *Itopectis niobe* (Schrottky, 1902). Ichneumonidae.
- nudiventris**, *Melissoptila*, Bertoni & Schrottky 1910: 591–592: n.sp., 1♂, 3♀, Type locality: Puerto Bertoni\*; Brazil, Repository: MNHNM; MPSP, Current status: *Melissoptila thoracica* (Smith, 1854). Apidae.
- nudum**, *Dianthidium*, Schrottky 1909c: 269: n.sp., n♀, Type locality: Catamarca (coll. Bruch), Repository: MPSP (LT), Current status: *Austrotelis catamarcensis* (Schrottky, 1909). Megachilidae.
- obesa**, *Tetrachlora*, Schrottky 1909c: 255: n.sp., n♀, Type locality: Mendoza (coll. Jørgensen), Repository: MACN, Current status: *Augochloropsis argentina* (Friese, 1908). Halictidae.
- obscura**, *Megacilissa*, Schrottky 1901: 215: *nom. nud.* Colletidae.
- obscura**, *Megacilissa*, Schrottky 1902f: 412–413: n.sp., 1♀, Type locality: Jundiahy (coll. Beron), Repository: "MPSP" (not located), Current status: *Ptiloglossa olivacea* (Friese, 1898). Colletidae.
- obscurior**, *Hypanthidium flavomarginatum*, Schrottky 1908a: 229: n.subsp., ♂♂, ♀♀, Type locality: Asunción; Puerto Bertoni; San Bernardino (coll. Anisits; Bertoni AW; Fiebrig), Current status: *Hypanthidium obscurius* Schrottky, 1908. Megachilidae.
- obscuripennis**, *Opius*, Schrottky 1902d: 105–106: n.sp., 1♀, Type locality: Buenos Aires (coll. Venturi), Repository: "SCHROTTKY", Current status: *Bracanstrepha obscuripennis* (Schrottky, 1902). Braconidae.
- obsoleta**, *Tetrapedia*, Schrottky 1902f: 539, 547–548: n.sp., 1♂, Type locality: Jundiahy (coll. Schrottky), Repository: MPSP (17838), Current status: *Paratetrapedia fervida* (Smith, 1879). Apidae.
- ocellata**, *Hemisia burgdorfii*, Schrottky 1908b: 98: n.form, n♂, n♀, Type locality: Asunción (coll. Anisits), Current status: *Centris (Paracentris) burgdorfi* Friese, 1900. Apidae.
- ocellata**, *Hemisia burgdorfii*, Schrottky 1908c: 139–140: \*n.form. Note: See preceding entry for original taxon description; The new taxon was described in the key (Mar.), preceding the intended description (May).
- Odontochlora**, Schrottky 1909j: 141: n.genus, Current status: *Augochlora*. Halictidae.
- Odyneropsis**, Schrottky 1902f: 432–433: n.genus, Current status: *Odyneropsis*. Apidae.
- oiospermi**, *Corynura*, Schrottky 1909j: 145: n.sp., n♂, n♀, Type locality: Puerto Bertoni (coll. Schrottky), Repository: MNCN (potential type), MPSP (potential type, 12713), Current status: *Neocorynura oiospermi* (Schrottky, 1909). Halictidae.
- opaca**, *Prosopis*, Schrottky 1906a: 6, 14–15: n.sp., 5♂, Type locality: Puerto Caarendy, Repository: CAS (LT), Current status: *Hylaeus joergenseni* (Schrottky, 1906). Note: See *Prosopis joergenseni*. Colletidae.
- opsiphanis**, *Apanteles*, Schrottky 1909a: 211: n.sp., n♂, n♀, Type locality: Puerto Bertoni, Current status: *Apanteles opsiphanis* Schrottky, 1909. Braconidae.
- opsiphanis**, *Pseudomphale*, Schrottky 1909a: 209–210: n.sp., n♂, n♀, Type locality: Villa Encarnación? or Puerto Bertoni?, Repository: MLP; MPSP (not located), Current status: *Horismenus opsiphanis* (Schrottky, 1909). Eulophidae.
- opuntiae**, (as *opuntiae*), *Emphor*, Schrottky 1920a: 10–11: n.sp., 1♂, 1♀, Type locality: Santa Fe (coll. Bertoni AW), Current status: *Ptilothrix heterochroa* Cockerell, 1919. Apidae.
- orba**, *Megachile*, Schrottky 1913c: 150, 214: n.sp., n♂, Type locality: Puerto Bertoni, Repository: MPSP (18154), Current status: *Megachile (Tylomegachile)orba* Schrottky, 1913. Megachilidae.
- orientalis**, *Tetralonia*, Bertoni & Schrottky 1910: 569: n.sp., 7♀, Type locality: Montevideo, Repository: MLP; MNHNM; MPSP, Current status: *Alloscirtetica eophila* (Cockerell, 1918). Apidae.
- ornatus**, *Colletes*, Schrottky 1902f: 344, 345–346, pl. 12, fig. 2: n.sp., 1♀, Type locality: Jundiahy (coll. Beron), Repository: MPSP (17586), Current status: *Colletes ornatus* Schrottky, 1902. Colletidae.
- osiriformis**, *Epeolus*, Schrottky 1910k: 208–209: n.sp., n♂, n♀, Type locality: Puerto Bertoni, Repository: MPSP, Current status: *Triepeolus nobilis* (Friese, 1908). Apidae.



- oxalidis*, *Ceratina*, Schrottky 1907d: 471–472, 480: n.sp., 4♂, 20♀, Type locality: Villa Encarnación, Repository: MPSP (5326); USNM, Current status: *Ceratina (Ceratinula) oxalidis* Schrottky, 1907. Apidae.
- Oxynedys*, Schrottky 1902f: 487, 491–492: n.genus, Current status: *Hopliphora*. Apidae.
- Oxystoglossini**, Schrottky 1909d: 482: family-group name. Halictidae.
- pabulator*, *Gastrohalictus*, Schrottky 1910l: 84–85: n.sp., n♀, Type locality: Ypiranga, Repository: MPSP (12985), Current status: *Dialictus pabulator* (Schrottky, 1911). Halictidae.
- pachymeri*, *Chryseida*, Schrottky 1906g: 101: n.sp., ♀♀, Type locality: Villa Encarnación?, Current status: *Chryseida pachymeri* Schrottky, 1906. Eurytomidae.
- Palarini**, Schrottky 1909c: 249: family-group name. Crabronidae.
- pandrosos*, *Augochlora (Pseudaugochloropsis)*, Schrottky 1909a: 216: n.sp., ♀♀, Type locality: Avandhandava (coll. Garbe), Repository: MPSP (12982), Current status: *Augochloropsis pandrosos* (Schrottky, 1909). Halictidae.
- paphi*, *Apanteles*, Schrottky 1902d: 107: n.sp., 60♂, n♀, Type locality: Buenos Aires (coll. Venturi), Current status: *Cotesia paphi* (Schrottky, 1902). Braconidae.
- papyriferae*, *Elis*, Schrottky 1920c: 179–181: n.sp., 1♂, 1♀, Type locality: Puerto Bertoni, Current status: *Campsomerus papyriferae* (Schrottky, 1920). Scoliidae.
- paradoxa*, *Prosopis*, Schrottky 1907a: 76, 77–78: n.sp., 1♀, Type locality: Puerto Bertoni (coll. Bertoni AW), Current status: *Hylaeus paradoxus* (Schrottky, 1907). Colletidae.
- Parafriesea**, Schrottky 1906d: 118: *nom. nov.*, Current status: *Acamptopoeum*. Note: Name for *Friesea* Schrottky. Andrenidae.
- Parafriesea**, Schrottky 1907b: 260: \**nom. nov.* Note: See preceding entry for original taxon description.
- paraguayense*, *Dianthidium*, Schrottky 1908a: 232: n.sp., n♀, Type locality: Asunción (coll. Anisits), Current status: *Carloticola paraguayensis* (Schrottky, 1908). Megachilidae.
- paraguayense*, *Gasteruption*, Schrottky 1906c: 56–57: n.sp., 1♀, Type locality: Villa Encarnación, Current status: *Plutofoenus paraguayense* Schrottky, 1906. Gasteruptionidae.
- paraguayense*, *Simulium*, Schrottky 1909k: 63: n.sp., ♀♀, Type locality: Alto Paraná; Argentina, Current status: *Simulium paraguayense* Schrottky, 1909. Diptera: Simuliidae.
- paraguayensis*, *Apechoneura*, Schrottky 1911a: 35–36: n.sp., n♀, Type locality: Puerto Bertoni, Current status: *Apechoneura paraguayensis* (Schrottky, 1911). Ichneumonidae.
- paraguayensis*, *Ceratina*, Schrottky 1907d: 476–477, 480: n.sp., 1♀, Type locality: Villa Encarnación, Current status: *Ceratina (Crewella) paraguayensis* Schrottky, 1907. Apidae.
- paraguayensis*, *Coelioxys*, Schrottky 1909c: 257, 262: n.sp., n♀, Type locality: Asunción (coll. Anisits), Current status: *Coelioxys paraguayensis* Schrottky, 1909. Megachilidae.
- paraguayensis*, *Elis*, Schrottky 1910b: 202: n.sp., n♂, Type locality: Puerto Bertoni, Current status: “*Spilothynnus*” *paraguayensis* (Schrottky, 1910). Note: Family relationship corrected from Scoliidae in Schrottky, 1913. Tiphidae.
- paraguayensis*, *Eurota hermione*, Schrottky 1910d: 150–151: n.subsp., n♂, n♀, Type locality: Tacurú-pucú, Current status: *Eurota hermione paraguayensis* Schrottky, 1910. Lepidoptera: Arctiidae.
- paraguayensis*, *Exomalopsis*, Schrottky 1909a: 227–228: n.sp., n♀, Type locality: Asunción, Current status: *Exomalopsis paraguayensis* Schrottky, 1909. Apidae.
- paraguayensis*, *Megachile*, Schrottky 1908a: 235: n.sp., n♀, Type locality: Asunción, Current status: *Megachile (Pseudocentron) paraguayensis* Schrottky, 1908. Megachilidae.
- paraguayensis*, *Osiris*, Schrottky 1915a: 7–8: n.sp., n♀, Type locality: Puerto Cantera, Current status: *Osiris paraguayensis* Schrottky, 1915. Apidae.
- paraguayensis*, *Perditomorpha*, Schrottky 1907a: 44, 45–47: n.sp., ♂♂, ♀♀, Type locality: Villa Encarnación, Repository: MPSP (not located), Current status: *Bicolletes paraguayensis* (Schrottky, 1907). Colletidae.
- paraguayensis*, *Prosopis*, Schrottky 1906a: 6, 7, 20–21: n.sp., ♂♂, ♀♀, Type locality: Catamarca; Villa Encarnación, Repository: CAS (one syntype; LT designation of false type); "MLP", Current status: *Hylaeus paraguayensis* (Schrottky, 1906). Colletidae.
- paraguayensis*, *Prosopis*, Schrottky 1907b: 269–270: \*n.sp. Note: See preceding entry for original taxon description.
- paraguayensis*, *Rhathymus*, Schrottky 1920c: 218: n.sp., n♀, Type locality: Puerto Bertoni, Current status: *Rhathymus paraguayensis* Schrottky, 1920. Apidae.
- paraguayensis*, *Sphcodes*, Schrottky 1906e: 307, 311: n.sp., 1♂, Type locality: Villa Encarnación, Current status: *Sphcodes paraguayensis* Schrottky, 1906. Halictidae.
- paranense*, *Simulium*, Schrottky 1909k: 63: n.sp., n♀, Type locality: Paraná, Alto, Current status: *Simulium paranense* Schrottky, 1909. Diptera: Simuliidae.
- paranensis*, *Bracon*, Schrottky 1913a: 126: *nom. nov.*, Current status: *Vipio paraguayensis* Szépligeti, 1906. Note: Name for *Vipio paraguayensis* Szépligeti. Braconidae.
- paranensis*, *Coelioxys*, Schrottky 1920c: 196: n.sp., n♀, Type locality: Puerto Bertoni, Current status: *Coelioxys paranensis* Schrottky, 1920. Megachilidae.
- paranensis*, *Leucotmemis pleuraemata*, Schrottky 1910d: 150: n.subsp., ♂♂, Type locality: Bompland; Puerto Bertoni;

- Tacurú-pucú (coll. Jørgensen), Current status: *Leucotmemis paranensis* Schrottky, 1910. Lepidoptera: Arctiidae.
- paranensis**, *Megachile*, Schrottky 1913c: 151, 215–216: n.sp., n♂, Type locality: Puerto Bertoni, Current status: *Megachile (Leptorachis) paulistana* Schrottky, 1902. Megachilidae.
- paranensis**, *Prosopis gracillima*, Schrottky 1906a: 6, 17–18: n.var., 1♀, Type locality: Villa Encarnación, Current status: *Hylaeus (Hylaeopsis) gracillimus*. Colletidae.
- paranensis**, *Prosopis gracillima*, Schrottky 1907b: 266–267: \*n.var. Note: See preceding entry for original taxon description.
- paranensis**, *Spilochalcis*, Schrottky 1902d: 110: n.sp., 2♀, Type locality: Paraná (coll. Venturi), Repository: "SCHROTTKY", Current status: *Conura paranensis* (Schrottky, 1902). Chalcididae.
- Paraperreyia**, Schrottky 1915a: 5: n.genus, Current status: *Perreyia*. Pergidae.
- Paraugochlora**, Schrottky 1910c: 540: *nom. nov.*, Current status: *Augochloropsis*. Note: Name for *Augochloropsis* Schrottky, nec Cockerell. Halictidae.
- Paraugochloropsis**, Schrottky 1906e: 312: n.subgenus, Current status: *Augochloropsis*. Note: As subgenus of *Augochloropsis*. Halictidae.
- parkinsoniae**, (as *parkinsoniae*), *Megachile*, Schrottky 1920c: 206–207: n.sp., ♀♀, Type locality: La Rioja; Santa Fe\*, Repository: INBP, Current status: *Megachile (Pseudocentron) parkinsoniae* Schrottky, 1920. Note: ("1 female: Sta. Fe, Argent. / 2 3 4 H., 24.XII.911, Parkinsonia aculeate / Type / Megachile parkinsoniae n. sp. [female] C. Schrottky det. 1919 / AWB JJ-52; 1 female: La Rioja / Cotype / Megachile parkinsoniae n. sp. [female] C. Schrottky det. 1919 / AWB JJ-18"). Megachilidae.
- parsoniae**, *Megachile*, Schrottky 1913c: 146, 150, 197: n.sp., n♂, n♀, Type locality: Villa Encarnación, Repository: MPSP (18148), Current status: *Megachile (Chrysosarus) parsoniae* Schrottky, 1913. Megachilidae.
- parvula**, *Epicharis maculata*, Schrottky 1908b: 95–96: n.form, n♀, Type locality: Asunción (coll. Anisits), Repository: ZMBH, Current status: *Epicharis (Epicharitides) obscura* Friese, 1899. Apidae.
- parvula**, *Larra*, Schrottky 1903b: 42–43: n.sp., n♀, Type locality: Jundiahy, Current status: *Liris parvulus* (Schrottky, 1903). Crabronidae.
- parvum**, *Gasteruption*, Schrottky 1906c: 59–60, 61: n.sp., 3♂, 1♀, Type locality: Villa Encarnación, Current status: *Gasteruption parvum* Schrottky, 1906. Gasteruptionidae.
- parvum**, *Trypoxylon*, Schrottky 1902d: 114–115: n.sp., 1♂, 3♀, Type locality: Buenos Aires (coll. Venturi), Repository: "SCHROTTKY", Current status: *Trypoxylon parvum* Schrottky, 1902. Crabronidae.
- paspali**, *Anthrenoides*, Schrottky 1909j: 148–149: n.sp., n♂, n♀, Type locality: Puerto Bertoni; Villa Encarnación, Repository: FIOC; MPSP (LT), Current status: *Parapsaenythia paspali* (Schrottky, 1909). Andrenidae.
- patagonica**, *Coelioxys*, Schrottky 1909c: 258, 264: n.sp., n♀, Type locality: Patagonia (coll. Bruch), Current status: *Coelioxys patagonica* Schrottky, 1909. Megachilidae.
- patagonica**, *Prosopis*, Schrottky 1913a: 235: *nom. nud.* Colletidae.
- patagonicum**, *Anthidium*, Schrottky 1910p: 269: n.sp., 1♀, Type locality: Patagonia, Repository: "MLP" (not located); MPSP (LT), Current status: *Anthidium chubuti* Cockerell, 1910. Megachilidae.
- patagonicus**, *Colletes*, Schrottky 1907a: 6, 7–8: n.sp., n♀, Type locality: Rio Caleufú (coll. Bruch), Current status: *Colletes patagonicus* Schrottky, 1907. Colletidae.
- patagonicus**, *Sphcodes*, Schrottky 1906e: 307–308, 311: n.sp., 1♂, Type locality: Lago Nahuel Huapí, Current status: *Sphcodes patagonicus* Schrottky, 1906. Halictidae.
- paulista**, *Neochelynia*, Schrottky 1920c: 189–190: n.sp., n♂, Type locality: Franca, Repository: "MPSP" (not located), Current status: *Megachile (Neochelynia) paulista* (Schrottky, 1920). Megachilidae.
- paulista**, *Pseudagapostemon*, Schrottky 1910l: 82–83: n.sp., n♂, Type locality: Villa Mariana (coll. Lima), Repository: MPSP (2510), Current status: *Pseudagapostemon (Pseudagapostemon) ochromerus* (Vachal, 1904). Halictidae.
- paulistana**, *Megachile*, Schrottky 1902f: 440–441: n.sp., ♀♀, Type locality: Campinas; Jundiahy; São José do Rio Pardo (coll. Hempel; Schrottky), Repository: MPSP (LT 1400, PL 18127, 18136), Current status: *Megachile (Leptorachis) paulistana* Schrottky, 1902. Megachilidae.
- paulistana**, *Prosopis*, Schrottky 1906a: 6, 12: n.sp., 4♂, Type locality: Puerto Caarendy; São Paulo\* (coll. Schrottky), Repository: MPSP (potential type), Current status: *Hylaeus paulistanus* (Schrottky, 1906). Colletidae.
- paulistana**, *Prosopis*, Schrottky 1907b: 264: \*n.sp. Note: See preceding entry for original taxon description.
- pauloense**, (as *pauloëense*), *Sceliphron (Podium)*, Schrottky 1903b: 42: n.sp., n♀, Type locality: Jundiahy, Current status: *Penepodium pauloense* (Schrottky, 1903). Sphecidae.
- pauloensis**, *Melissoptila*, Schrottky 1910i: 88: n.sp., 1♂, Type locality: Campos do Jordão, Repository: MPSP, Current status: *Melissoptila thoracica* (Smith, 1854). Apidae.
- pauloensis**, (as *pauloënsis*), *Oxytroglossa thalia*, Schrottky 1910l: 78: n.subsp., n♂, n♀, Type locality: Campos do Jordão; Jundiahy (coll. Beron; Lüderwaldt), Repository: MPSP (12775, 12988), Current status: *Ceratalictus clonius* (Brèthes, 1909). Halictidae.
- pauperata**, *Elis papyriferae*, Schrottky 1920c: 181: n.form, ♀♀, Type locality: Puerto Bertoni, Current status: *Campsomerus pauperata* (Schrottky, 1920). Scoliidae.

- perflava*, *Centris xanthocnemis*, Schrottky 1902f: 576: n.var., n♂, Type locality: Jundiahy (coll. Beron), Repository: MPSP (1376), Current status: *Centris (Melacentris) xanthocnemis* (Perty, 1833). Apidae.
- perimede*, *Augochlora (Paraugochloropsis)*, Schrottky 1908a: 228: n.sp., n♂, Type locality: Villa Encarnación, Current status: *Augochloropsis perimede* (Schrottky, 1908). Halictidae.
- perniger*, *Odynerus (Pachodynerus)*, Schrottky 1902d: 115: n.sp., 1♀, Type locality: San Juan (coll. Venturi), Repository: "SCHROTTKY", Current status: *Pachodynerus nigriculus* (Berg, 1881). Vespidae.
- pernigra*, *Cyphomelissa*, Schrottky 1902f: 494: n.sp., n♂, n♀, Type locality: Campinas; Jundiahy (coll. Beron; Hempel), Repository: MPSP (17769, 17770), Current status: *Cyphomelissa diabolica* (Friese, 1900). Apidae.
- pernigra*, *Tetrapedia*, Schrottky 1920c: 212–213: n.sp., n♀, Type locality: Puerto Bertoni, Current status: *Tapinotaspoides tucumana* (Vachal, 1904). Apidae.
- perparva*, *Megachile*, Schrottky 1909c: 267–268: n.sp., n♂, Type locality: Catamarca (coll. Bruch), Repository: MACN, Current status: *Megachile perparva* Schrottky, 1909. Megachilidae.
- perpulchra*, *Pimpla*, Schrottky 1902d: 94: n.sp., 1♀, Type locality: Santa Cruz (coll. Venturi), Repository: "SCHROTTKY", Current status: *Calliephialtes perpulchra* (Schrottky, 1902). Ichneumonidae.
- persephone*, *Pepsis*, Schrottky 1903b: 41: n.sp., n♀, Type locality: São Paulo, Current status: "*Pepsis*" *persephone* Schrottky, 1903. Pompilidae.
- peruanus*, *Pachymenes*, Schrottky 1911c: 10: n.sp., ♀♀, Type locality: Cuzco (coll. Garlepp), Current status: "*Pachymenes peruanus*" Schrottky, 1911. Vespidae.
- peruviana*, *Prosopis*, Schrottky 1910o: 135: n.sp., 1♂, Type locality: Chanchamayo (coll. Bequaert), Current status: *Hylaeus peruvianus* (Schrottky, 1910). Colletidae.
- peruvianum*, *Anthidium*, Schrottky 1910p: 270: n.sp., n♂, n♀, Type locality: Apurímac (coll. Garlepp), Repository: MPSP (LT), Current status: *Anthidium peruvianum* Schrottky, 1910. Megachilidae.
- petroselini*, *Gasteruption*, Schrottky 1906c: 57–58, 61: n.sp., 3♀, Type locality: Villa Encarnación, Current status: *Gasteruption petroselini* Schrottky, 1906. Gasteruptionidae.
- petroselini*, *Prosopis*, Schrottky 1906a: 5, 8: n.sp., 1♂, Type locality: Villa Encarnación, Current status: *Hylaeus petroselini* (Schrottky, 1906). Colletidae.
- petroselini*, *Prosopis*, Schrottky 1907b: 261–262: \*n.sp. Note: See preceding entry for original taxon description.
- phaedra*, *Halictomorpha*, Schrottky 1910l: 82: n.sp., n♀, Type locality: Ypiranga (coll. Lüderwaldt), Repository: MPSP (12986), Current status: *Dialictus phaedrus* (Schrottky, 1911). Halictidae.
- phoemonoe*, (as *phoemoenö*), *Odontochlora*, Schrottky 1909j: 142: n.sp., ♀♀, Type locality: Buenos Aires; Corrientes; Villa Encarnación, Current status: *Augochlora (Augochlora) phoemonoe* (Schrottky, 1909). Halictidae.
- physalidis*, *Psaenythia*, Schrottky 1907a: 34, 38–39: n.sp., 1♂, Type locality: Villa Encarnación, Repository: FIOC, Current status: *Psaenythia physalidis* Schrottky, 1907. Andrenidae.
- pici*, *Eusandalum*, Schrottky 1906g: 101–102: n.sp., 1♀, Type locality: Villa Encarnación?, Current status: *Eusandalum pici* Schrottky, 1906. Eupelmidae.
- pictus*, *Stenocolletes*, Schrottky 1909c: 253: n.sp., n♂, Type locality: Catamarca (coll. Bruch), Current status: *Stenocolletes pictus* Schrottky, 1909. Andrenidae.
- piracicabana*, *Ceratina oxalidis*, Schrottky 1910l: 86: n.subsp., n♀, Type locality: Piracicaba, Repository: MPSP (only pin left), Current status: *Ceratina (Ceratinula) piracicabana* Schrottky, 1911. Apidae.
- platensis*, *Ichneumon*, Schrottky 1902d: 103–104: n.sp., ♂♂, Type locality: Buenos Aires (coll. Brèthes), Repository: "SCHROTTKY", Current status: *Limonethe scutellata* (Brullé, 1846). Ichneumonidae.
- pocograndensis*, (as *poçograndensis*), *Centris*, Schrottky 1902f: 573, 578–579, pl. 13, fig. 3: n.sp., n♂, Type locality: Poço Grande, Repository: MPSP, Current status: *Centris (Melacentris) collaris* Lepeletier, 1841. Apidae.
- pocograndensis*, (as *poçograndensis*), *Megachile*, Schrottky 1902f: 438: n.sp., n♀, Type locality: Poço Grande (coll. Hempel), Repository: MPSP (18195), Current status: *Megachile (Pseudocentron) nudiventris* Smith, 1853. Megachilidae.
- polybia*, *Podagrutus*, Schrottky 1909c: 251: n.sp., ♀♀, Type locality: Puerto Bertoni, Repository: MACN, Current status: *Podagrutus polybia* Schrottky, 1909. Crabronidae.
- polybiaeformis*, *Prosopis*, Schrottky 1907a: 76, 77: n.sp., 1♀, Type locality: Puerto Bertoni (coll. Bertoni AW), Current status: *Hylaeus polybiaeformis* (Schrottky, 1907). Note: Spelling as *polibiaeformis* in key to species. Colletidae.
- polybioides*, *Prosopis*, Schrottky 1906a: 5, 9–10: n.sp., ♀♀, Type locality: Villa Encarnación, Repository: CAS (potential type); MPSP (5332), Current status: *Hylaeus polybioides* (Schrottky, 1906). Colletidae.
- polybioides*, *Prosopis*, Schrottky 1907b: 262–263: \*n.sp. Note: See preceding entry for original taxon description.
- posadensis*, *Oxystoglossa*, Schrottky 1914c: 627–628: n.sp., n♂, Type locality: Posadas, Current status: *Augochlora posadensis* (Schrottky, 1914). Halictidae.
- praxedis*, *Mutilla*, Schrottky 1902d: 111: n.sp., n♂, Type locality: San Juan (coll. Venturi), Current status: "*Mutilla*" *praxedis* Schrottky, 1902. Mutillidae.
- praxedis*, Nysson, Schrottky 1913a: 224: *nom. nud.* Crabronidae.
- proserpina*, *Megachile*, Schrottky 1908a: 233–234: n.sp., n♀, Type locality: Asunción (coll. Anisits), Current status:



- Megachile (Melanosarus) nigripennis* Spinola, 1841. Megachilidae.
- psammophila*, Larra, Schrottky 1913a: 226: *nom. nud.* Crabronidae.
- psammophila*, *Prosopis*, Schrottky 1913a: 235: *nom. nov.*, Current status: *Hylaeus psammophilus* (Schrottky, 1913).  
Note: Name for *Prosopis arenaria* Schrottky. Colletidae.
- Pseudabia*, Schrottky 1910j: 168: n.genus, Current status: *Pseudabia*. Cimbicidae.
- Pseudagapostemon*, Schrottky 1909j: 145: n.genus, Current status: *Pseudagapostemon*. Halictidae.
- Pseudaugochloropsis*, Schrottky 1906e: 313: n.subgenus, Current status: *Augochloropsis*. Note: As subgenus of *Augochloropsis*. Halictidae.
- pseudocoelioxys*, (as *pseudocaelioxys*), *Megachile*, Schrottky 1920c: 204–205: n.sp., 1♀, Type locality: Franca, Repository: "MPSP" (not located), Current status: *Megachile (Tylomegachile) orba* Schrottky, 1913. Megachilidae.
- pseudogilva*, *Melissodes (Epimelissodes)*, Bertoni & Schrottky 1910: 580: n.sp., 1♂, Type locality: Neuquén (coll. Lendl v Bang-Haas), Repository: MPSP, Current status: *Melissoptila dama* (Vachal, 1904). Apidae.
- Pseudomphale*, Schrottky 1909a: 209: n.genus, Current status: *Horismenus*. Eulophidae.
- pseudopleuralis*, *Megachile*, Schrottky 1913c: 145, 190: n.sp., n♀, Type locality: Jaguará, Repository: "MPSP" (not located), Current status: *Megachile (Moureapis) pseudopleuralis* Schrottky, 1913. Megachilidae.
- pseudopolybia*, *Eumenogaster*, Schrottky 1909h: 135: n.sp., n♂, Type locality: Puerto Bertoni, Current status: *Eumenogaster pseudopolybia* Schrottky, 1909. Lepidoptera: Arctiidae.
- pteroauli*, *Melissoptila*, Bertoni & Schrottky 1910: 592: n.sp., 1♀, Type locality: Puerto Bertoni, Repository: "BERTONI", Current status: *Melissoptila minarum* (Bertoni & Schrottky, 1910). Apidae.
- punctatissimus*, *Colletes*, Schrottky 1902f: 344, 347: n.sp., 1♀ (actually a ♂), Type locality: Jundiahy (coll. Beron), Repository: "MPSP" (not located), Current status: *Colletes rugicollis* Friese, 1900. Colletidae.
- pygidialis*, *Coelioxys*, Schrottky 1902f: 421, 426–427: n.sp., 1♀, Type locality: Jundiahy (coll. Schrottky), Repository: MPSP (19093), Current status: *Coelioxys (Acrocoelioxys) pygidialis* Schrottky, 1902. Megachilidae.
- pygmaea*, *Elis (Dielis)*, Schrottky 1903b: 39: n.sp., n♂, Type locality: São Paulo, Current status: *Campsomerus pygmaea* (Schrottky, 1903). Scoliidae.
- pygmaea*, *Tetrapedia*, Schrottky 1902f: 541, 544, pl. 13, fig. 9: n.sp., ♂♂, ♀♀, Type locality: Jundiahy; São José do Rio Pardo; Victoria, Botucatu (coll. Beron; Hempel; Schrottky), Repository: MPSP (LT), Current status: *Lophopedia pygmaea* (Schrottky, 1902). Note: As *pygmaea* in key. Apidae.
- pyrgo*, *Oxystoglossa*, Schrottky 1910l: 75, 76: n.sp., n♀, Type locality: Avanhanda (coll. Garbe), Repository: MPSP (12980), Current status: *Augochlora (Augochlora) pyrgo* (Schrottky, 1911). Halictidae.
- quadrata*, *Tetralonia*, Bertoni & Schrottky 1910: 572–573: n.sp., 1♂, 5♀, Type locality: Asunción; Callanga; Villa Encarnación (coll. Anisits; Bang-Haas; Schrottky), Repository: MPSP (LT), Current status: *Florilegus (Florilegus) condignus* (Cresson, 1878). Apidae.
- quadrispinosa*, (as *4-spinosa*), *Trophocleptria*, Schrottky 1909a: 222: n.sp., n♂, Type locality: Asunción, Repository: MPSP (not located), Current status: *Rhinepeolus rufiventris* (Friese, 1908). Apidae.
- quinquedentatum*, *Podagrion*, Schrottky 1911b: 2: n.sp., n♀, Type locality: Puerto Bertoni (coll. Bertoni AW), Current status: *Podagrion quinquis* Hoffmeyer, 1929. Podagrionidae.
- quinquefasciata*, *Psaenythia*, Schrottky 1906e: 315: n.sp., 1♂, Type locality: Villa Encarnación, Repository: FIOC, Current status: *Psaenythia quinquefasciata* Schrottky, 1906. Note: The new taxon was described in the key (Sep. 1906), preceding the intended description by more than a year (Nov. 1907). Andrenidae.
- quinquefasciata*, *Psaenythia*, Schrottky 1907d: 469–470: \*n.sp. Note: See preceding entry for original taxon description.
- raymondi*, *Centris nigrita*, Schrottky 1907a: 65: n.var., 2♀, Type locality: Caracas (coll. Raymond), Repository: MPSP (LT), Current status: *Eulaema (Apeulaema) nigrita* Lapeletier, 1841. Apidae.
- Rhinocorynura*, Schrottky 1909j: 147: n.genus, Current status: *Rhinocorynura*. Halictidae.
- richardiae*, *Melissoptila*, Bertoni & Schrottky 1910: 590–591: n.sp., 4♂, 7♀, Type locality: Jundiahy; Puerto Bertoni, Current status: *Melissoptila richardiae* Bertoni & Schrottky, 1910. Apidae.
- richardsoniae*, *Ceratina*, Schrottky 1909a: 221: n.sp., n♀, Type locality: Puerto Bertoni, Current status: *Ceratina richardsoniae* Schrottky, 1909. Apidae.
- riojana*, *Megachile*, Schrottky 1920c: 203–204: n.sp., n♀, Type locality: La Rioja, Repository: INBP, Current status: *Megachile (Acentron) riojana* Schrottky, 1920. Note: ("1 female: Rioja / Type / Megachile riojana n. sp. [female] C. Schrottky det. 1919 / AWB JJ-7"). Megachilidae.
- rivalis*, *Prosopis*, Schrottky 1906a: 6, 15–16: n.sp., n♀, Type locality: Villa Encarnación, Current status: *Hylaeus rivalis* (Schrottky, 1906). Colletidae.
- rivalis*, *Prosopis*, Schrottky 1907b: 267: \*n.sp. Note: See preceding entry for original taxon description.
- rotundiceps*, *Alastor*, Schrottky 1911d: 19–20: n.sp., n♂, n♀, Type locality: Villa Encarnación, Current status: *Hypalastoroides rotundiceps* (Schrottky, 1911). Vespidae.
- roxane*, *Corynura*, Schrottky 1909j: 146: n.sp., n♀, Type locality: Puerto Bertoni, Current status: *Neocorynura roxane* (Schrottky, 1909). Halictidae.



- ruber**, *Dinotomus*, Schrottky 1909a: 211–212: n.sp., n♂, Type locality: Puerto Bertoni, Current status: *Macrojoppa rufa* (Brullé, 1846). Ichneumonidae.
- rubriceps**, *Mutilla sumptuosa*, Schrottky 1902d: 110: n.var., 1♀, Type locality: Buenos Aires (coll. Venturi), Current status: *Atillum rubriceps* (Schrottky, 1902). Mutillidae.
- ruficeps**, *Alastor*, Schrottky 1911d: 20: n.sp., 1♂, 1♀, Type locality: Villa Encarnación, Current status: *Hypalastoroides ruficeps* (Schrottky, 1911). Vespidae.
- ruficeps**, *Polybia*, Schrottky 1902d: 116: n.sp., approximately 20♀, Type locality: Salta (coll. Venturi), Repository: "SCHROTTKY", Current status: *Polybia ruficeps* Schrottky, 1902. Vespidae.
- rufipes**, *Exomalopsis*, Schrottky 1909a: 228: n.sp., n♂, n♀, Type locality: Villa Encarnación, Current status: *Exomalopsis rufipes* Schrottky, 1909. Apidae.
- rufiventris**, *Venturia argentina*, Schrottky 1902d: 103: n.var., n♀, Type locality: Buenos Aires (coll. Venturi), Repository: "SCHROTTKY", Current status: *Venturia rufiventris* Schrottky, 1902. Ichneumonidae.
- rugulosa**, *Cerceris*, Schrottky 1909c: 248–249: n.sp., ♂♂, ♀♀, Type locality: Catamarca; Mendoza (coll. Bruch; Jensen-Haarup), Current status: *Cerceris rugulosa* Schrottky, 1909. Crabronidae.
- sanctaemariae**, (as *sanctae-mariae*), *Megachile*, Schrottky 1909c: 268: n.sp., n♂, Type locality: Valle Santa Maria (coll. Bruch), Current status: *Megachile sanctaemariae* Schrottky, 1909. Megachilidae.
- sanctipauli**, (as *sancti-pauli*), *Megachile*, Schrottky 1913c: 148, 205: n.sp., n♂, Type locality: São Paulo, Current status: *Megachile (Zonomegachile) gigas* Schrottky, 1908. Note: As *sancti-paule* in key. Megachilidae.
- santafecinus**, *Pseudagapostemon*, Schrottky 1920c: 222–223: n.sp., n♂, n♀, Type locality: Santa Fe, Current status: *Pseudagapostemon (Pseudagapostemon) pampeanus* (Holmberg, 1886). Halictidae.
- sapucayensis**, *Tetrapedia*, Schrottky 1909a: 226: n.sp., n♂, Type locality: Sapucay, Current status: "*Tetrapedia*" *sapucayensis* Schrottky, 1909. Apidae.
- schrottkyi**, *Pachycentris*, Schrottky 1901: 215: *nom. nud.* Apidae.
- sclerops**, *Ceratina*, Schrottky 1907d: 472–473, 480: n.sp., n♀, Type locality: Villa Encarnación, Repository: MPSP (17761), Current status: *Ceratina (Ceratinula) sclerops* Schrottky, 1907. Apidae.
- scoliaeformis**, *Rhathymus*, Schrottky 1920c: 216–217: n.sp., n♂, Type locality: Sosomoco (coll. Fassl), Repository: INBP, Current status: *Rhathymus scoliaeformis* Schrottky, 1920. Note: ("1 male: Soromoco, Colombia, 900m, 1911 / *Rhathymus scoliaeformis* Schrottky [male] Typus / AWB M-37"). Apidae.
- sculptilis**, *Prosopis*, Schrottky 1910o: 136–137: n.sp., ♀♀, Type locality: Mapiri, Repository: AMNH (=false type, invalid LT designation), Current status: *Hylaeus sculptilis* (Schrottky, 1910). Colletidae.
- scutellaris**, *Coelioxys*, Schrottky 1902f: 421, 424–425: n.sp., 1♀, Type locality: Ypiranga (coll. Schrottky), Repository: MPSP (18088), Current status: *Coelioxys (Glyptocoelioxys) scutellaris* Schrottky, 1902. Megachilidae.
- semele**, *Augochlora (Augochloropsis)*, Schrottky 1902f: 362, 377: n.sp., n♀, Type locality: Ypiranga (coll. Schrottky), Repository: MPSP (17626), Current status: *Augochloropsis semele* (Schrottky, 1902). Halictidae.
- semiannulata**, *Siobla*, Schrottky 1913b: 702: n.sp., n♀, Type locality: Bompland (coll. Jørgensen), Repository: MLP, Current status: *Siobla semiannulata* Schrottky, 1913. Tenthredinidae.
- semiramis**, *Oxystoglossa*, Schrottky 1910l: 78: n.sp., ♀♀, Type locality: Jundiah; Ypiranga (coll. Lüderwaldt), Repository: MPSP (5757), Current status: *Augochlora (Oxystoglossella) semiramis* (Schrottky, 1911). Halictidae.
- semistriatus**, *Priononyx*, Schrottky 1920c: 185–187: n.sp., n♀, Type locality: Puerto Bertoni, Current status: *Prionyx semistriatus* (Schrottky, 1920). Sphecidae.
- separata**, *Megachile*, Schrottky 1913c: 144, 185: n.sp., ♀♀, Type locality: N Argentina; Franca; Paraguay; Rincão\*; Uruguay, Repository: MPSP (HT 18138, PT 18139), Current status: *Megachile (Leptorachis) paulistana* Schrottky, 1902. Megachilidae.
- sericea**, *Pseudosphex*, Schrottky 1910d: 148: n.sp., n♂, Type locality: Puerto Bertoni, Current status: *Myrmecopsis sericea* Schrottky, 1910. Lepidoptera: Arctiidae.
- silvicola**, *Melissodes*, Bertoni & Schrottky 1910: 576–577: n.sp., 1♀, Type locality: Puerto Bertoni, Repository: MPSP (potential type); "SCHROTTKY", Current status: *Trichocerapis mirabilis* (Smith, 1865). Apidae.
- simillima**, *Mesoplia*, Schrottky 1920c: 220–221: n.sp., n♂, Type locality: Puerto Bertoni, Current status: *Mesoplia simillima* Schrottky, 1920. Apidae.
- solani**, *Psaenythia*, Schrottky 1907a: 34–35: n.sp., 1♀, Type locality: Villa Encarnación, Repository: FIOC, Current status: *Psaenythia solani* Schrottky, 1907. Andrenidae.
- sphaerocephala**, *Micraugochlora*, Schrottky 1909j: 139: n.sp., n♀, Type locality: Puerto Bertoni, Current status: *Temnosoma sphaerocephalum* (Schrottky, 1909). Halictidae.
- sphecephagus**, *Neosprynchotus*, Schrottky 1915a: 6–7: n.sp., 13♀, Type locality: Puerto Cantera, Current status: *Photocryptus photomorphus* Viereck, 1913. Ichneumonidae.
- Stenocolletes**, Schrottky 1909c: 253: n.genus, Current status: *Psaenythia*. Andrenidae.
- stenodesma**, *Megachile*, Schrottky 1913c: 143, 182: n.sp., 1♀, Type locality: Puerto Bertoni, Repository: FIOC, Current status: *Megachile (Trichurochile) stenodesma* Schrottky, 1913. Megachilidae.
- Stenogorytes**, Schrottky 1911e: 28: n.subgenus, Current status: *Stenogorytes*. Note: As subgenus of *Megalomma*.

## Crabronidae.

- stenops*, *Prosopis*, Schrottky 1910o: 136: n.sp., 1♂, Type locality: Piracicaba (coll. Lima), Repository: MPSP (14669), Current status: *Hylaeus stenops* (Schrottky, 1910). Colletidae.
- sthena*, *Augochloropsis* (*Pseudaugochloropsis*), Schrottky 1906e: 313–314: n.sp., n♀, Type locality: La Plata, Current status: *Augochloropsis sthena* Schrottky, 1906. Note: Published later as *stheno*. Halictidae.
- styx*, *Odontochlora*, Schrottky 1909j: 143: n.sp., n♀, Type locality: Puerto Bertoni, Current status: *Augochlora* (*Augochlora*) *styx* (Schrottky, 1909). Halictidae.
- subinfima*, *Megachile*, Schrottky 1920c: 209–210: n.sp., n♀, Type locality: Santa Fe, Current status: *Megachile subinfima* Schrottky, 1920. Megachilidae.
- subpetiolatum*, *Anthidium*, Schrottky 1910p: 269–270: n.sp., n♀, Type locality: Catamarca, Repository: MPSP (LT), Current status: *Anthidium subpetiolatum* (Schrottky, 1910). Megachilidae.
- subtropicale*, *Gasteruption*, Schrottky 1906c: 58, 61: n.sp., 1♀, Type locality: Villa Encarnación, Current status: *Gasteruption subtropicale* Schrottky, 1906. Gasteruptionidae.
- szepligetii*, *Eremotylus*, Schrottky 1911a: 34–35: n.sp., n♀, Type locality: Villa Encarnación, Current status: *Enicospilus szepligetii* (Schrottky, 1911). Ichneumonidae.
- szepligetii*, *Macronura*, Schrottky 1913a: 125: *nom. nud.* Braconidae.
- tabayensis*, *Coelioxys*, Schrottky 1920c: 195–196: n.sp., n♀, Type locality: Tabay, Alto, Current status: *Coelioxys tabayensis* Schrottky, 1920. Megachilidae.
- tegaris*, *Hypodynerus vestitus*, Schrottky 1911c: 11: n.subsp., n♂, n♀, Type locality: Apurímac (coll. Garlepp v. Rolle), Current status: *Incodynerus tegaris* (Schrottky, 1911). Vespidae.
- tenuitarsis*, *Megachile*, Schrottky 1920c: 201–202: n.sp., 1♂, Type locality: Campinas, Repository: "MPSP" (not located), Current status: *Megachile* (*Leptorachis*) *tenuitarsis* Schrottky, 1920. Megachilidae.
- terrestris*, *Megachile*, Schrottky 1902f: 441–442: n.sp., n♀, Type locality: Jundiahy (coll. Beron), Repository: MPSP (18142), Current status: *Megachile* (*Pseudocentron*) *terrestris* Schrottky, 1902. Megachilidae.
- Tetrachlora*, Schrottky 1909d: 481: n.subgenus, Current status: *Augochloropsis*. Note: As subgenus of *Augochlora*. Halictidae.
- Tetraloniinae**, Schrottky 1906a: 4: family-group name. Apidae.
- thauca*, *Oxystoglossa*, Schrottky 1909j: 139: n.sp., n♀, Type locality: Chubut, Current status: *Caenohalictus thauca* (Schrottky, 1909). Halictidae.
- thebe*, *Odontochlora*, Schrottky 1909j: 143–144: n.sp., n♂, Type locality: Buenos Aires, Current status: *Augochlora* (*Augochlora*) *thebe* (Schrottky, 1909). Halictidae.
- theia*, *Oxystoglossa*, Schrottky 1910l: 77–78: n.sp., ♂♂, Type locality: Ypiranga (coll. Lüderwaldt), Repository: MPSP (11966), Current status: *Ceratalictus clonius* (Brèthes, 1909). Halictidae.
- thetis*, *Odontochlora*, Schrottky 1909j: 143: n.sp., n♀, Type locality: Puerto Bertoni, Current status: *Augochlora* (*Augochlora*) *francisca* Schrottky, 1902. Halictidae.
- thoracica*, *Caloptilia*, Schrottky 1913b: 704: n.sp., n♂, Type locality: Bompland (coll. Jørgensen), Repository: MLP (LT), Current status: *Scobina thoracica* (Jørgensen, 1913). Argidae.
- thusnelda*, *Oxystoglossa*, Schrottky 1909j: 140–141: n.sp., n♀, Type locality: Puerto Bertoni, Current status: *Augochlora* (*Augochlora*) *thusnelda* (Schrottky, 1909). Halictidae.
- thygaterella*, *Megachile*, Schrottky 1913c: 151, 220: n.sp., n♂, Type locality: Puerto Bertoni, Repository: MPSP (not located), Current status: *Megachile* (*Trichurochile*) *thygaterella* Schrottky, 1913. Megachilidae.
- thyias*, *Tetrachlora*, Schrottky 1910l: 79: n.sp., n♀, Type locality: Raiz da Serra, Repository: "MPSP" (not located), Current status: *Augochloropsis cockerelli* Schrottky, 1909. Halictidae.
- tibialis*, *Epicharis*, Schrottky 1902f: 560, 567, pl. 13, fig. 7: n.sp., n♂, ♀♀, Type locality: Campinas; Jundiahy (coll. Beron; Hempel), Repository: "MPSP" (not located), Current status: *Epicharis* (*Hoplepicharis*) *affinis* Smith, 1874. Apidae.
- tigrinum*, *Hypanthidium*, Schrottky 1905a: 10–12: n.sp., 1♀, Type locality: Villa Encarnación, Repository: MPSP, Current status: *Epanthidium tigrinum* (Schrottky, 1905). Megachilidae.
- tomyris*, *Pimpla*, Schrottky 1902d: 95–96: n.sp., ♂♂, n♀, Type locality: Buenos Aires (coll. Autran), Repository: "SCHROTTKY", Current status: *Pimpla tomyris* Schrottky, 1902. Ichneumonidae.
- tricolor*, *Prosopis*, Schrottky 1906a: 6, 18: n.sp., ♂♂, Type locality: Villa Encarnación, Repository: CAS (potential type); MPSP (potential type), Current status: *Hylaeus* (*Hylaeopsis*) *tricolor* (Schrottky, 1906). Colletidae.
- tricolor*, *Prosopis*, Schrottky 1907b: 267–268: \*n.sp. Note: See preceding entry for original taxon description.
- trigonaeformis*, *Tetrapedia*, Schrottky 1909a: 226–227: n.sp., n♂, Type locality: Puerto Bertoni, Current status: "Tetrapedia" *trigonaeformis* Schrottky, 1909. Apidae.
- trigonaspis*, *Megachile*, Schrottky 1913c: 145, 191–192: n.sp., n♀, Type locality: Paraguay; Rincão\*; Misiones, Repository: MPSP (18145), Current status: *Megachile* (*Austromegachile*) *trigonaspis* Schrottky, 1913. Megachilidae.
- tristis*, *Prosopis*, Schrottky 1906a: 7, 24: n.sp., n♂, Type locality: Villa Encarnación, Current status: *Hylaeus yaguarae*

- (Schrottky, 1913). Note: See *Prosopis yaguarae*. Colletidae.
- tristis**, *Prosopis*, Schrottky 1907b: 271: \*n.sp. Note: See preceeding entry for original taxon description.
- tuberculifera**, *Megachile*, Schrottky 1913c: 144, 188: n.sp., n♀, Type locality: Campos do Jordão (coll. Lüderwaldt), Repository: MPSP (18143), Current status: *Megachile (Chrysosarus) tuberculifera* Schrottky, 1913. Megachilidae.
- tucumana**, *Euglossa (Eumorpha) mariana*, Schrottky 1902d: 117: n.var., 1♀, Type locality: Tucumán, Repository: MACN, Current status: *Eufriesea mariana* (Mocsáry, 1896). Apidae.
- tupinaquina**, *Megachile*, Schrottky 1913c: 147, 202–203: n.sp., n♂, Type locality: Jundiahy, Repository: "MPSP" (not located), Current status: *Megachile (Acentron) tupinaquina* Schrottky, 1913. Megachilidae.
- umbelliferarum**, *Cerceris*, Schrottky 1911e: 28–29: n.sp., ♂♂, ♀♀, Type locality: Puerto Bertoni, Current status: *Cerceris umbelliferarum* Schrottky, 1911. Crabronidae.
- umbrosus**, *Xylocrabro*, Schrottky 1914b: 624–625: n.sp., ♂♂, ♀♀, Type locality: Puerto Bertoni (coll. Bertoni AW), Current status: *Ectemnius basiflavus* (Brèthes, 1910). Crabronidae.
- unicolor**, *Orgilus*, Schrottky 1902d: 106: n.sp., 1♀, Type locality: Buenos Aires (coll. Venturi), Repository: "SCHROTTKY", Current status: *Earinus unicolor* (Schrottky, 1902). Braconidae.
- unifasciata**, *Hemisia garleppi*, Schrottky 1913b: 708: n.form, 1♀, Type locality: Apurímac (coll. Garlepp), Repository: DZUP, Current status: *Centris (Paracentris) unifasciata* (Schrottky, 1913). Apidae.
- ursina**, *Exomalopsis*, Schrottky 1902f: 526, 529–530, pl. 13, fig. 4: n.sp., n♀, Type locality: Campinas (coll. Hempel), Current status: *Exomalopsis (Exomalopsis) fulvofasciata* Smith, 1879. Apidae.
- urubambae**, *Hypodynerus*, Schrottky 1911c: 11: n.sp., n♂, Type locality: Urubamba (coll. Rolle), Current status: *Incodynerus urubambae* (Schrottky, 1911). Vespidae.
- uruguayensis**, *Megachile guaranitica*, Schrottky 1908a: 237: n.form, n♀, Type locality: Uruguay, Current status: *Megachile (Chrysosarus) guaranitica* Schrottky, 1908. Megachilidae.
- uruguayensis**, *Melissodes*, Bertoni & Schrottky 1910: 574: n.sp., 1♀, Type locality: Montevideo, Repository: MNHNM, Current status: *Melissodes (Eclipse) tintinnans* (Holmberg, 1884). Apidae.
- utilis**, *Ipobracon*, Schrottky 1913a: 125: *nom. nud.* Braconidae.
- variabilis**, *Sphcodes*, Schrottky 1906e: 309–310, 311: n.sp., n♂, Type locality: Villa Encarnación, Current status: *Sphcodes variabilis* Schrottky, 1906. Halictidae.
- variabilis**, *Sphcodes*, Schrottky 1907a: 25, 27–29: \*n.sp. Note: See preceeding entry for original taxon description.
- velutina**, *Ammophila*, Schrottky 1910m: 31: n.sp., n♀, Type locality: San Ignacio (coll. Friedrich), Current status: *Eremnophila melanaria* (Dahlbom, 1843). Sphecidae.
- velutina**, *Cyphomelissa*, Schrottky 1901: 212, 214: *nom. nud.* Apidae.
- venezolana**, *Centris*, Schrottky 1913b: 708: n.sp., n♂, Type locality: Venezuela, Repository: MPSP, Current status: *Eufriesea venezolana* (Schrottky, 1913). Apidae.
- Venturia**, Schrottky 1902d: 102: n.genus, Current status: *Venturia*. Ichneumonidae.
- venturii**, *Allodorus*, Schrottky 1902d: 106–107: n.sp., 1♀, Type locality: Buenos Aires (coll. Venturi), Repository: "SCHROTTKY", Current status: *Eubazus (Brachistes) venturii* (Schrottky, 1902). Braconidae.
- venturii**, *Crabro*, Schrottky 1902d: 114: n.sp., 2♂, Type locality: Buenos Aires (coll. Venturi), Repository: "SCHROTTKY", Current status: *Podagrirus venturii* (Schrottky, 1902). Crabronidae.
- venturii**, *Hemiteles*, Schrottky 1902d: 100: n.sp., n♀, Type locality: Buenos Aires (coll. Venturi), Repository: FIOC, Current status: *Basileucus venturii* (Schrottky, 1902). Ichneumonidae.
- venturii**, *Melissodes*, Bertoni & Schrottky 1910: 575: n.sp., 1♀, Type locality: Bahía Blanca (coll. Venturi), Repository: MPSP; "SCHROTTKY", Current status: *Svastra (Svastra) detecta* Holmberg, 1884. Apidae.
- venturii**, *Pepsis*, Schrottky 1902a: 313: n.sp., ♂♂, Type locality: Ceres (coll. Venturi), Repository: "AUTRAN"; "SCHROTTKY", Current status: *Pepsis lampas* Lucas, 1895. Pompilidae.
- vernoniae**, (as *vernoniae*), *Ceratina*, Schrottky 1920c: 211–212: n.sp., n♀, Type locality: Puerto Bertoni, Repository: USNM, Current status: *Ceratina (Crewella) vernoniae* Schrottky, 1920. Apidae.
- vernoniae**, *Ctenocorynura*, Schrottky 1914c: 628–629: n.sp., n♀, Type locality: Puerto Bertoni, Repository: FIOC, Current status: *Rhinocorynura inflaticeps* (Ducke, 1906). Halictidae.
- vernoniae**, (as *vernoniae*), *Dianthidium*, Schrottky 1911g: 14: n.sp., ♀♀, Type locality: Puerto Bertoni; Tacurú-pucú\*, Repository: MPSP (18105), Current status: *Anthodioctes vernoniae* (Schrottky, 1911). Megachilidae.
- vernoniae**, *Exomalopsis*, Schrottky 1909l: 280: n.sp., 6♀, Type locality: Tacurú-pucú, Current status: *Exomalopsis (Exomalopsis) vernoniae* Schrottky, 1909. Apidae.
- vernoniae**, (as *vernoniae*), *Megachile*, Schrottky 1913c: 147, 203: n.sp., ♂♂, Type locality: Asunción; Puerto Bertoni, Repository: MPSP (not located), Current status: *Megachile (Melanosarus) nigripennis* Spinola, 1841. Megachilidae.
- vernoniae**, *Scolia*, Schrottky 1910b: 198–199: n.sp., 7♂, Type locality: Tacurú-pucú, Current status: *Scolia vernoniae* Schrottky, 1910. Scoliidae.
- versicolor**, *Augochlora (Paraugochloropsis)*, Schrottky 1908a: 228–229: n.sp., n♀, Type locality: Asunción (coll. Anisits), Current status: *Augochloropsis versicolor* (Schrottky, 1908). Halictidae.
- versicolor**, *Cerceris*, Schrottky 1909c: 247–248: n.sp., ♀♀, Type locality: Catamarca (coll. Bruch), Current status:



- Cerceris versicolor* Schrottky, 1909. Crabronidae.
- versicolor**, *Oxaea*, Schrottky 1903b: 45: n.sp., 12♀, Type locality: Argentina or Brazil (no label), Repository: "MACN", Current status: *Notoxaea ferruginea* (Friese, 1898). Andrenidae.
- vespicola**, *Mesostenus*, Schrottky 1907a: 71–73: n.sp., n♀, Type locality: Puerto Bertoni (coll. Bertoni AW), Current status: *Pachysomoides vespicola* (Schrottky, 1907). Ichneumonidae.
- vicinum**, *Sphecosoma*, Schrottky 1910d: 149: n.sp., ♂♂, Type locality: Puerto Bertoni, Current status: *Sphecosoma vicinum* Schrottky, 1910. Lepidoptera: Arctiidae.
- volitans**, *Ceratina*, Schrottky 1907d: 473–474, 480: n.sp., 2♂, 9♀, Type locality: Villa Encarnación, Repository: MPSP (17762); USNM, Current status: *Ceratina (Rhysoceratina) volitans* Schrottky, 1907. Apidae.
- vulpecula**, *Melissoptila*, Bertoni & Schrottky 1910: 589–590: n.sp., 6♂, 6♀, Type locality: Puerto Bertoni, Repository: MPSP, Current status: *Melissoptila vulpecula* Bertoni & Schrottky, 1910. Apidae.
- weneri**, *Elaphroptera*, Schrottky 1920c: 182–184: n.sp., ♂♂, ♀♀, Type locality: Puerto Bertoni (coll. Bertoni WS), Current status: *Elaphroptera weneri* Schrottky, 1920. Tiphidae.
- xanthocephala**, *Prosopis*, Schrottky 1906a: 7, 25–26: n.sp., n♂, Type locality: Villa Encarnación, Current status: *Hylaeus xanthocephalus* (Schrottky, 1906). Colletidae.
- xanthocephala**, *Prosopis*, Schrottky 1907b: 272: \*n.sp. Note: See preceding entry for original taxon description.
- xanthodesmus**, *Ancistrocerus*, Schrottky 1909c: 240–241: n.sp., n♂, n♀, Type locality: Catamarca (coll. Bruch), Current status: "*Ancistrocerus*" *xanthodesmus* Schrottky, 1909. Vespidae.
- xanthoptera**, *Megachile*, Schrottky 1913c: 146, 198: n.sp., n♀, Type locality: Hohenau, Repository: "MPSP" (not located), Current status: *Megachile (Ptilosaroides) neoxanthoptera* Cockerell, 1933. Megachilidae.
- xanthostigma**, *Tetrapedia*, Schrottky 1913b: 707: n.sp., n♀, Type locality: Porto Mojoli, Current status: *Tetrapedia pyramidalis* Friese, 1899. Apidae.
- yaguarae**, *Prosopis*, Schrottky 1913a: 235: *nom. nov.*, Current status: *Hylaeus yaguarae* (Schrottky, 1913). Note: Name for *Prosopis tristis* Schrottky. Colletidae.
- ypirangensis**, *Exomalopsis*, Schrottky 1910i: 89: n.sp., 1♀, Type locality: Ypiranga, Repository: MPSP (14823), Current status: *Exomalopsis (Exomalopsis) ypirangensis* Schrottky, 1910. Apidae.
- ypirangensis**, *Gastrohalictus*, Schrottky 1910l: 85: n.sp., n♀, Type locality: Ypiranga (coll. Lüderwaldt), Repository: MPSP (12983), Current status: *Dialictus ypirangensis* (Schrottky, 1911). Halictidae.
- ypiranguensis**, *Megachile*, Schrottky 1913c: 145, 194–195: n.sp., n♀, Type locality: Ypiranga (coll. Lima), Repository: MPSP (18146), Current status: *Megachile (Sayapis) ypiranguensis* Schrottky, 1913. Note: As *ypirangensis* in key. Megachilidae.
- zebratum**, *Dianthidium*, Schrottky 1905a: 7–8, 12: n.sp., 10♂, Type locality: Villa Encarnación, Repository: MPSP (LT), Current status: *Austrostelis zebrata* (Schrottky, 1905). Note: See *Dianthidium itapuense*. Megachilidae.
- zenobia**, *Pimpla*, Schrottky 1902d: 94–95: n.sp., 1♀, Type locality: Ufer des Río del Fuego (coll. Lehmann-Nitsche), Repository: "SCHROTTKY", Current status: *Coccygomimus fuscipes* (Brullé, 1846). Ichneumonidae.
- zikani**, *Planiceps*, Schrottky 1911d: 20: n.sp., n♀, Type locality: Mar de Hespanha (coll. Zikàn), Current status: *Euplaniceps lacordairii* (Guérin-Meneville, 1845). Pompilidae.



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**Appendix 1. List of known Schrottky type repositories, including those of his collectors.**

AMNH	USA, New York, New York, American Museum of Natural History
ANSP	USA, Pennsylvania, Philadelphia, Academy of Natural Sciences
CAS	USA, California, San Francisco, California Academy of Sciences
DEI	Germany, Müncheberg, Senckenberg Deutsches Entomologisches Institut
DZUP	Brazil, Paraná, Curitiba, Universidade Federal do Paraná, Museu de Entomologia Pe. Jesus Santiago Moure
FIOC	Brazil, Rio de Janeiro, Rio de Janeiro, Fundação Instituto Oswaldo Cruz
IMLA	Argentina, Tucuman, Universidad Nacional de Tucuman, Fundacion e Instituto Miguel Lillo (Neotype)
INBP	Paraguay, Asuncion, Inventario Biologico Nacional and Museo Nacional de Historia Natural del Paraguay
MACN	Argentina, Buenos Aires, Museo Argentina de Ciencias Naturales
MLP	Argentina, La Plata, Universidad Nacional de La Plata, Museo de la Plata
MNCN	Spain, Madrid, Museo Nacional de Ciencias Naturales
MNHNM	Uruguay, Montevideo, Museo Nacional de Historia Natural y Antropología
MPSP	Brazil, São Paulo, Museu de Zoologia da Universidade de São Paulo (currently contains all the zoological collection of Museu Paulista)
MSNG	Italy, Genova, Museo Civico di Storia Naturale "Giacomo Doria"
MZPW	Poland, Warsaw, Polish Academy of Science, Museum of the Institute of Zoology (Lüderwaldt material)
NMW	Austria, Wien, Naturhistorisches Museum Wien (possibly Fiebrig material)
USNM	USA, Washington D.C., National Museum of Natural History
ZMHB	Germany, Berlin, Museum für Naturkunde der Humboldt-Universität
ZMUC	Denmark, Copenhagen, University of Copenhagen, Zoological Museum (Jensen-Haarup and Jørgensen material).



**Appendix 2. Currently recognized families for which Schrottky proposed new genus-group or species-group names.**

Andrenidae (Hymenoptera)  
Apidae (Hymenoptera)  
Arctiidae (Lepidoptera)  
Argidae (Hymenoptera)  
Braconidae (Hymenoptera)  
Chalcididae (Hymenoptera)  
Cimbicidae (Hymenoptera)  
Colletidae (Hymenoptera)  
Crabronidae (Hymenoptera)  
Eulophidae (Hymenoptera)  
Eupelmidae (Hymenoptera)  
Eurytomidae (Hymenoptera)  
Gasteruptiidae (Hymenoptera)  
Halictidae (Hymenoptera)  
Ichneumonidae (Hymenoptera)  
Megachilidae (Hymenoptera)  
Monomachidae (Hymenoptera)  
Mutillidae (Hymenoptera)  
Pergidae (Hymenoptera)  
Podagrionidae (Hymenoptera)  
Pompilidae (Hymenoptera)  
Scoliidae (Hymenoptera)  
Simuliidae (Diptera)  
Sphecidae (Hymenoptera)  
Tenthredinidae (Hymenoptera)  
Tiphidae (Hymenoptera)  
Torymidae? (Hymenoptera)  
Trigonalyidae (Hymenoptera)  
Vespidae (Hymenoptera)

**Appendix 3. Original genus-group names for which Schrottky proposed new species-group names.**

*Acanthopus* (Hymenoptera: Apidae)  
*Aethriopsis* (Lepidoptera: Arctiidae)  
*Agapostemon* (Hymenoptera: Halictidae)  
*Alastor* (Hymenoptera: Vespidae)  
*Allodorus* (Hymenoptera: Braconidae)  
*Amblyteles* (Hymenoptera: Ichneumonidae)  
*Ammophila* (Hymenoptera: Sphecidae)  
*Ancistrocerus* (Hymenoptera: Vespidae)  
*Ancyloneura* (Hymenoptera: Pergidae)  
*Ancyloscelis* (Hymenoptera: Apidae)  
*Anthidium* (Hymenoptera: Megachilidae)  
*Anthophora* (Hymenoptera: Apidae)  
*Anthrenoides* (Hymenoptera: Andrenidae)  
*Apanteles* (Hymenoptera: Braconidae)  
*Apechoneura* (Hymenoptera: Ichneumonidae)  
*Aphaerete* (Hymenoptera: Braconidae)  
*Aphilodyctium* (Hymenoptera: Tenthredinidae)  
*Augochlora* (Hymenoptera: Halictidae)  
*Augochloropsis* (Hymenoptera: Halictidae)  
*Bertonia* (Hymenoptera: Trigonalyidae)  
*Brachistes* (Hymenoptera: Braconidae)  
*Brachyphatnus* (Hymenoptera: Argidae)  
*Bracon* (Hymenoptera: Braconidae)  
*Caloptilia* (Hymenoptera: Argidae)  
*Campoplex* (Hymenoptera: Ichneumonidae)  
*Caupolicana* (Hymenoptera: Colletidae)  
*Centris* (Hymenoptera: Apidae)  
*Ceratina* (Hymenoptera: Apidae)  
*Cerceris* (Hymenoptera: Crabronidae)  
*Chloralictus* (Hymenoptera: Halictidae)  
*Chryseida* (Hymenoptera: Eurytomidae)  
*Coelioxys* (Hymenoptera: Megachilidae)  
*Colletes* (Hymenoptera: Colletidae)  
*Corynura* (Hymenoptera: Halictidae)  
*Corynuropsis* (Hymenoptera: Halictidae)  
*Crabro* (Hymenoptera: Crabronidae)  
*Crypturus* (Hymenoptera: Ichneumonidae)  
*Ctenocorynura* (Hymenoptera: Halictidae)  
*Cyphomelissa* (Hymenoptera: Apidae)  
*Desmotetrapedia* (Hymenoptera: Apidae)  
*Dianthidium* (Hymenoptera: Megachilidae)  
*Dielis* (Hymenoptera: Scoliidae)  
*Dinotomus* (Hymenoptera: Ichneumonidae)  
*Elachertus* (Hymenoptera: Eulophidae)  
*Elaphroptera* (Hymenoptera: Tiphidae)  
*Elis* (Hymenoptera: Scoliidae)  
*Emphor* (Hymenoptera: Apidae)  
*Epeolus* (Hymenoptera: Apidae)  
*Epicharis* (Hymenoptera: Apidae)  
*Epimelissodes* (Hymenoptera: Apidae)  
*Eremotylus* (Hymenoptera: Ichneumonidae)  
*Euglossa* (Hymenoptera: Apidae)

*Eumenes* (Hymenoptera: Vespidae)  
*Eumenogaster* (Lepidoptera: Arctiidae)  
*Eumorpha* (Hymenoptera: Apidae)  
*Eurota* (Lepidoptera: Arctiidae)  
*Eusandalum* (Hymenoptera: Eupelmidae)  
*Exomalopsis* (Hymenoptera: Apidae)  
*Friesea* (Hymenoptera: Andrenidae)  
*Gasteruption* (Hymenoptera: Gasteruptionidae)  
*Gastrohalictus* (Hymenoptera: Halictidae)  
*Halictomorpha* (Hymenoptera: Halictidae)  
*Halictus* (Hymenoptera: Halictidae)  
*Hemibracon* (Hymenoptera: Braconidae)  
*Hemisia* (Hymenoptera: Apidae)  
*Hemiteles* (Hymenoptera: Ichneumonidae)  
*Hoplilus* (Hymenoptera: Crabronidae)  
*Horama* (Lepidoptera: Arctiidae)  
*Hypanthidium* (Hymenoptera: Megachilidae)  
*Hypodynerus* (Hymenoptera: Vespidae)  
*Ichneumon* (Hymenoptera: Ichneumonidae)  
*Iphiaulax* (Hymenoptera: Braconidae)  
*Ipobracon* (Hymenoptera: Braconidae)  
*Ischnoceros* (Hymenoptera: Ichneumonidae)  
*Larra* (Hymenoptera: Crabronidae)  
*Leiopodus* (Hymenoptera: Colletidae)  
*Leucospis* (Hymenoptera: Leucospidae)  
*Leucotmemis* (Lepidoptera: Arctiidae)  
*Macrocera* (Hymenoptera: Apidae)  
*Macrocneme* (Lepidoptera: Arctiidae)  
*Macronura* (Hymenoptera: Braconidae)  
*Megachile* (Hymenoptera: Megachilidae)  
*Megacilissa* (Hymenoptera: Colletidae)  
*Megalomma* (Hymenoptera: Crabronidae)  
*Megalopta* (Hymenoptera: Halictidae)  
*Melanocentris* (Hymenoptera: Apidae)  
*Meliphila* (Hymenoptera: Apidae)  
*Melissodes* (Hymenoptera: Apidae)  
*Melissoptila* (Hymenoptera: Apidae)  
*Mesoplia* (Hymenoptera: Apidae)  
*Mesostenus* (Hymenoptera: Ichneumonidae)  
*Metanysson* (Hymenoptera: Crabronidae)  
*Micraugochlora* (Hymenoptera: Halictidae)  
*Monomachus* (Hymenoptera: Monomachidae)  
*Mutilla* (Hymenoptera: Mutillidae)  
*Neochelynia* (Hymenoptera: Megachilidae)  
*Neocorynura* (Hymenoptera: Halictidae)  
*Neorileya* (Hymenoptera: Eurytomidae)  
*Neosprynchotus* (Hymenoptera: Ichneumonidae)  
*Nomada* (Hymenoptera: Apidae)  
*Notoglossa* (Hymenoptera: Crabronidae)  
*Nysson* (Hymenoptera: Crabronidae)  
*Odontochlora* (Hymenoptera: Halictidae)  
*Odyneropsis* (Hymenoptera: Apidae)  
*Odynerus* (Hymenoptera: Vespidae)  
*Opius* (Hymenoptera: Braconidae)



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*Orgilus* (Hymenoptera: Braconidae)  
*Osiris* (Hymenoptera: Apidae)  
*Oxaea* (Hymenoptera: Andrenidae)  
*Oxynedys* (Hymenoptera: Apidae)  
*Oxystoglossa* (Hymenoptera: Halictidae)  
*Pachodynerus* (Hymenoptera: Vespidae)  
*Pachycentris* (Hymenoptera: Apidae)  
*Pachymenes* (Hymenoptera: Vespidae)  
*Paniscus* (Hymenoptera: Ichneumonidae)  
*Panurginus* (Hymenoptera: Andrenidae)  
*Paranysson* (Hymenoptera: Crabronidae)  
*Paraperreya* (Hymenoptera: Pergidae)  
*Paraugochloropsis* (Hymenoptera: Halictidae)  
*Pasiphae* (Hymenoptera: Colletidae)  
*Pelecystoma* (Hymenoptera: Braconidae)  
*Pepsis* (Hymenoptera: Pompilidae)  
*Perditomorpha* (Hymenoptera: Colletidae)  
*Phoenicoprocta* (Lepidoptera: Arctiidae)  
*Phygadeuon* (Hymenoptera: Ichneumonidae)  
*Pimpla* (Hymenoptera: Ichneumonidae)  
*Pisonopsis* (Hymenoptera: Crabronidae)  
*Planiceps* (Hymenoptera: Pompilidae)  
*Podagrion* (Hymenoptera: Podagrionidae)  
*Podagrirus* (Hymenoptera: Crabronidae)  
*Podium* (Hymenoptera: Sphecidae)  
*Polybia* (Hymenoptera: Vespidae)  
*Polycyrus* (Hymenoptera: Ichneumonidae)  
*Priocnemis* (Hymenoptera: Pompilidae)  
*Priononyx* (Hymenoptera: Sphecidae)  
*Prosopis* (Hymenoptera: Colletidae)  
*Protandrena* (Hymenoptera: Andrenidae)  
*Psaenythia* (Hymenoptera: Andrenidae)  
*Pseudabia* (Hymenoptera: Cimbicidae)  
*Pseudagapostemon* (Hymenoptera: Halictidae)  
*Pseudaugochloropsis* (Hymenoptera: Halictidae)  
*Pseudofoenus* (Hymenoptera: Gasteruptionidae)  
*Pseudomphale* (Hymenoptera: Eulophidae)  
*Pseudosphex* (Lepidoptera: Arctiidae)  
*Ptiloglossa* (Hymenoptera: Colletidae)  
*Rhathymus* (Hymenoptera: Apidae)  
*Rhodocentris* (Hymenoptera: Apidae)  
*Rhopalum* (Hymenoptera: Crabronidae)  
*Salius* (Hymenoptera: Pompilidae)  
*Sceliphron* (Hymenoptera: Sphecidae)  
*Scolia* (Hymenoptera: Scoliidae)  
*Scrapteroides* (Hymenoptera: Andrenidae)  
*Simulium* (Diptera: Simuliidae)  
*Siobla* (Hymenoptera: Tenthredinidae)  
*Sphecodes* (Hymenoptera: Halictidae)  
*Sphecosoma* (Lepidoptera: Arctiidae)  
*Spilochalcis* (Hymenoptera: Chalcididae)  
*Stenancistrocerus* (Hymenoptera: Vespidae)  
*Stenocolletes* (Hymenoptera: Andrenidae)  
*Stenodynerus* (Hymenoptera: Vespidae)

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*Stictia* (Hymenoptera: Crabronidae)  
*Tachytes* (Hymenoptera: Crabronidae)  
*Temnosoma* (Hymenoptera: Halictidae)  
*Tetrachlora* (Hymenoptera: Halictidae)  
*Tetralonia* (Hymenoptera: Apidae)  
*Tetrapedia* (Hymenoptera: Apidae)  
*Thygater* (Hymenoptera: Apidae)  
*Torymus* (Hymenoptera: Torymidae?)  
*Trachypus* (Hymenoptera: Crabronidae)  
*Trigona* (Hymenoptera: Apidae)  
*Trimeria* (Hymenoptera: Vespidae)  
*Trophocleptria* (Hymenoptera: Apidae)  
*Trypoxylon* (Hymenoptera: Crabronidae)  
*Venturia* (Hymenoptera: Ichneumonidae)  
*Waldheimia* (Hymenoptera: Tenthredinidae)  
*Xylocopa* (Hymenoptera: Apidae)  
*Xylocrabro* (Hymenoptera: Crabronidae)