
Lista de los Géneros de Avispas Parasitoides Braconidae (Hymenoptera: Ichneumonoidea) de la Región Neotropical

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Palabras Clave: Hymenoptera, Parasitoides, Ichneumonoidea, Braconidae, Neotrópico, Lista de Géneros

El orden Hymenoptera surgió al inicio del Triásico, hace más de 200 millones de años, y se ha diversificado de muchas formas entre las que se destacan sus estrategias de alimentación, que van desde la fitofagia y la predación hasta el parasitismo y la formación de agallas en tejidos vegetales. Hymenoptera representa hoy día uno de los órdenes más diversos y abundantes, con más de 120000 especies descritas y un estimado de 300000. “Los himenópteros tienen más especies benéficas que cualquier otro orden de insectos. Ellos pueden ser de importancia económica directa en el control natural de plagas, polinizadores y productores de productos comerciales como la miel” (La Salle & Gauld 1993). Aunque los himenópteros más conocidos son sociales como hormigas, abejas y avispas, la gran mayoría son solitarios y de hábito parasitoide que aseguran su prole depositando los huevos en un organismo vivo denominado hospedero, el cual es usualmente llevado hasta la muerte. En general los parasitoides son insectos voladores activos que localizan su hospedero en cualquier hábitat; guiándose por señales químicas, táctiles, fotosensoriales o termosensoriales, presentando gran variedad de estrategias de vida y combinando un amplio espectro de hábitos alimenticios y tipos de hospedero.

La familia Braconidae conforma, junto con Ichneumonidae, la superfamilia Ichneumonoidea; con más de 30000 especies descritas y un estimado de 100000, conformando uno de los grupos más, diversos y abundantes del planeta. Es un clado monofilético según datos morfológicos (Sharkey & Wahl 1992; Rasnitsyn 1998; Ronquist *et al.* 1999; Sharkey 2001) y moleculares (Dowton & Austin 1994; Belshaw *et al.* 1998; Quicke *et al.* 1999) y representa uno de los grupos más antiguos dentro del orden Hymenoptera (Rasnitsyn 1980, 1998; Gauld & Bolton 1988), cuya diversidad se refleja no solo en sus miles de especies sino en la diversidad de hábitats que ocupa y las numerosas estrategias de parasitismo que presenta.

La importancia del estudio de los braconidos se ve exaltada por el efecto regulador que estos tienen sobre las poblaciones de sus hospederos. “La extinción de especies de parasitoides puede conllevar a la explosión de poblaciones de insectos herbívoros, desencadenando resultados catastróficos para la economía y el ambiente (La Salle & Gauld 1991).

Ichneumonoidea (Ichneumonidae + Braconidae) puede separarse dentro de Hymenoptera por poseer patas posteriores con trocanelo bien diferenciado; ala anterior con estigma y por lo menos una celda cerrada; venas C y Sc + R + Rs fusionadas en la parte proximal, dando lugar a una obliteración de la celda costal; antena con 16 o más segmentos, y en muy pocos casos con menos. Los ichneumonoideos braquípteros se distinguen de otros himenópteros por sus esternitos gastrales membranosos, 16 o más segmentos antenales y ovipositor exertado.

La familia Braconidae se distingue por tener de 1 a 14 mm de longitud (excluyendo las antenas y el ovipositor); antena con 8 a 98 segmentos, flagelo usualmente filiforme, nunca geniculado, serrado o clavado; mandíbula bidentada, algunas veces exondonte con tres a siete dientes, vena 2m-cu del ala anterior ausente (excepto en *Apoxyx penyai* Mason); vena 1/Rs+M del ala anterior presente; vena 1r-m del ala posterior basal a la separación de R1 y Rs; terga metasomales 1 y 2 fusionadas.

Biología

Los braconidos comparten terminología que se aplica a todos los parasitoides, ellos pueden ser: ectoparásitos, endoparásitos, idiobiontes y/o koinobiontes (Godfray 1994). Los ectoparasitoides quienes se alimentan externamente de su hospedero, son en su mayoría idiobiontes, es decir,

paralizan permanente a su hospedero. En contraste, los endoparasitoides quienes se alimentan internamente de su hospedero son koinobiontes, es decir, permiten al hospedero seguir viviendo hasta el final de su desarrollo, alimentándose internamente. Se sabe que algunas de éstas especies endoparasitoides han establecido una simbiosis con virus para contrarrestar el sistema inmune de sus hospederos represando una de las relaciones más complejas y especializadas dentro de los insectos (Whitfield 1992; Quicke 1997). La estrategia de parasitismo que presenta es una característica que permite establecer gremios, un concepto útil en el estudio de comunidades de parasitoides (Gauld & Bolton 1988; Kato 1994).

En particular los braconídeos atacan exclusivamente lepidópteros, coleópteros y dípteros en diferentes estados de desarrollo y la gran mayoría de especies tienen hospederos específicos (Matthews 1974; LaSalle & Gauld 1991), característica que los convierte en uno de los grupos más utilizados en control biológico de plagas y que les da la cualidad adicional de tener un gran potencial como indicadores de riqueza y estabilidad de un ecosistema (Shaw & Hudleston 1991). Por otra parte, algunas especies de braconídeos son utilizadas como modelo de la interacción parasitoide-hospedero. Este y los motivos antes expuestos hacen que el avance en el conocimiento filogenético de este grupo sea clave para entender la evolución del parasitismo (Whitfield 1992; Slotz & Whitfield 1992; Whitfield 1997). Avances en su conocimiento permitirán esclarecer la biología, ecología y filogenia de los himenópteros parasitoides (Wharton 1993a).

Sistemática

En un contexto mundial, desde que fue descrito el primer espécimen por Latreille en 1802 hasta hoy, el estudio de los braconídeos ha sido facilitado por un extenso volumen de literatura, donde se destacan catálogos mundiales y regionales (Mackauer & Starý 1967; Mackauer 1968; Shenefelt 1969, 1970a, 1970b, 1972, 1973a, 1973b, 1974, 1975, 1978, 1980; Fischer 1971, 1972, 1977, 1987; Shenefelt & Marsh 1976; Marsh 1979b; De Santis 1967, 1980); claves para subfamilias (Shaw 1995; Achterberg 1993; Sharkey 1993); claves para los géneros neárticos (Marsh *et al.* 1987) y revisiones exhaustivas de literatura (Shenefelt 1965; Starý 1987).

Aunque se han realizado estudios taxonómicos de manera

exhaustiva, la clasificación en subfamilias ha sido inestable y conflictiva, con algunos linajes bien definidos y otros propuestos como una solución práctica. Mientras Achterberg (1993) reconoce 43 subfamilias, Sharkey (1993) reconoce 29 y Wharton (2000) sólo 6. En general las propuestas de clasificación de subfamilias han sido problemáticas por las tendencias a convergencias, en su mayoría por reducción de caracteres (Achterberg 1984a). Existen propuestas que intentan esclarecer las relaciones de los grupos establecidos empleando metodología cladística, como Quicke & Achterberg (1990) y Belshaw *et al.* (1998), pero el tema aún está en debate y controversia (Wharton *et al.* 1992; Achterberg & Quicke 1992; Quicke *et al.* 1999). Es muy probable que esta problemática resida en el vacío de conocimiento en regiones como el Neotrópico muy pobremente exploradas, con grupos que pueden ser críticos a la hora de hacer estudios filogenéticos y biogeográficos.

El trabajo más reciente por Wharton *et al.* (1997), representa la principal herramienta para el conocimiento de la fauna Neotropical, existen algunos trabajos de revisión (Sharkey 1988, 1990; Quicke *et al.* 1996; Berta de Fernández 1998; Dangerfield *et al.* 1996; Mason 1979; Sharkey 1983; Quicke 1988a, 1988b, 1989a, 1989b, 1989c, 1994, 1995; Gibson 1974; Achterberg 1989, 1992b, 1995a; Achterberg *et al.* 1997) y algunos trabajos regionales para México (Hernández *et al.* 1987; Calderón & Ruiz 1990; Thompson & Ruiz 1990; Briceño & Ruiz 1991; López 1997; Ruiz 1993; Peña *et al.* 1992, Peña & Ruiz 1993; Delfín & Wharton 1996; Delfín & León 1997; Mao 1945; Wharton & Mercado 1989; Gibson 1972b; Labougle 1980; Starý 1983; Starý & Remaudiere 1982; Lomelí & Peña 1995; Sánchez *et al.* 1998), Costa Rica (Shaw 1995), Perú (Redolfi 1994) y Venezuela (Briceño 1999).

En la mayoría de los géneros, las especies descritas son muy pocas con relación a las especies sin describir, básicamente el conocimiento de los géneros en el neotrópico es precario o escaso y hasta el momento es muy difícil hacer estimaciones sobre el número de especies.

Aún son muchas las regiones completamente desconocidas. Tan solo hasta ahora se empieza a explorar la magnitud de los grupos hiperdiversos en la región neotropical y aún se necesitan trabajos de revisión que permitan conocer la verdadera dimensión de la diversidad de los grupos más abundantes y diversos del planeta en el neotrópico.

Checklist of Genera of Braconid parasitic wasps (Hymenoptera: Ichneumonoidea) of the Neotropical Region

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Key Words: Hymenoptera, Parasitoids, Ichneumonoidea, Braconidae, Neotropics, Genera List

The order Hymenoptera emerged at the beginning of the Triassic period, around 200 million years ago. Through time, they have diversified, among other things, their feeding strategies, going from phytophagy and predation to parasitism and even gall formations in plant tissues. Hymenoptera represents nowadays one of the most diverse and abundant orders, with more than 120000 described species and an estimated number of 300000. "The Hymenoptera contains more beneficial species than any other insect order. They are of direct economic importance in the biological control of pests, the pollination of flowering plants and the production of commercial products such as honey and wax" (La Salle & Gauld 1993). Although the social bees, ants and wasps are the most familiar groups of Hymenoptera, the majority of species are solitary and show parasitoid habits, ensuring reproduction by depositing their eggs in a live organism (host) and driving it to death. Generally, the parasitoids are active flying insects that found their host in virtually any habitat, guided by chemical, tactile, photosensorial or thermosensorial cues. They display a great variety of life strategies combining a wide spectrum of feeding habits and host types.

The family Braconidae, together with Ichneumonidae, conform the superfamily Ichneumonoidea. Braconidae is comprised by more than 30000 described species and is estimated to encompass around 100000; as a result is one of the largest and most diverse and abundant groups of the world. According to morphological (Sharkey & Wahl 1992; Rasnitsyn 1998; Ronquist et al. 1999; Sharkey 2001) and molecular data (Dowton & Austin 1994; Belshaw et al. 1998; Quicke et al. 1999) the Braconidae is a monophyletic group, and represents one of the oldest groups within the order Hymenoptera (Rasnitsyn 1980, 1998; Gauld & Bolton 1988). The diversity of the group is not only reflected on its sizeable species number but also in the variety of habitats where occurs and the multiple parasitic strategies that displays.

The importance of studying the braconids is enhanced by the regulatory effect that they exert on their hosts' populations. "The extinction of parasitoid species can trigger a population explosion of the herbivore insects, with devastating results for the economy and the environment" (La Salle & Gould 1991).

Ichneumonoidea (Ichneumonidae + Braconidae) can be easily distinguished among the Hymenoptera for having hind legs with distinct trochantellus, fore wings with stigma and at least one closed cell; wing veins C and Sc+R+Rs are fused proximally, causing obliteration of the costal wing cell; antennae usually have 16 or more segments, but rarely fewer. The presence of membranous sterna, 16 or more antennal segments and an extruded ovipositor distinguish the brachypterous Ichneumonoidea.

The family Braconidae is distinguished for having a body length that ranges from 1 to 14 mm (excluding antennae and ovipositor), antenna with 8 to 98 segments, flagellum usually filiform (thread-like), but never geniculate (elbow-shaped), serrated, or clavate (club-like); bidentate mandibles, sometimes exodont, with three to seven teeth; fore wing vein 2m-cu absent (except in *Apoxyx penyai* Mason), fore wing vein 1/Rs+M present, cross vein 1r-m of the hind wing basal to the separation of R1 and Rs; metasomal terga 1 and 2 fused.

Biology

The terminology used for braconids is the same used for all parasitoids, they may be: ectoparasites, endoparasites, idiobionts and/or koinobionts (Godfray 1994). Ectoparasitoids are generally idiobionts that kill or paralyze their host and feed on it externally. On the other hand, the koinobionts allow the host to live until the end of its development, feeding internally and coexisting with it at different levels of specialization. It is known that some endoparasitoid species have established a symbiosis with viruses to weaken the host's immune system (Whitfield 1992; Quicke 1997); therefore, in the communities studies the braconids may be considered either specialists or generalists according to their parasitic strategy (Gauld & Bolton 1988; Kato 1994).

The braconids attack exclusively the orders Lepidoptera, Coleoptera and Diptera in their different stages of development. Most of the species attack species-specific hosts (Matthews 1974; La Salle & Gould 1991), reason why they are one of the most frequently used groups in biological control of agricultural pest, and also make them suitable for potential use as indicators of richness and stabil-

ity of ecosystems (Shaw & Hudleston 1991). On the other hand, some braconid species are used as study models for the parasitoid-host interaction. Such circumstances make the phylogenetic knowledge of this group a keystone component to understand the evolution of parasitism (Whitfield 1992; Slotz & Whitfield 1992; Whitfield 1997). Advancements in that area will help to clarify the biology, ecology and phylogeny of the parasitoid Hymenoptera (Wharton 1993a).

Systematics

In a global context, from the time when Latreille described the first specimen in 1802 until today, the study of braconids has been greatly facilitated by an extensive body of literature, among which the following are some of the most remarkable: regional and world catalogs (Mackauer & Starý 1967; Mackauer 1968; Shenefelt 1969, 1970a, 1970b, 1972, 1973a, 1973b, 1974, 1975, 1978, 1980; Fischer 1971, 1972, 1977, 1987; Shenefelt & Marsh 1976; Marsh 1979b; De Santis 1967, 1980); subfamily keys (Shaw 1995; Achterberg 1993; Sharkey 1993); nearctic genera keys (Marsh et al. 1987) and extensive literature reviews (Shenefelt 1965; Starý 1987).

Even though many extensive taxonomic studies have been carried out, the classification at the subfamily level has been unstable and controversial, with some well-defined lineages, and some others proposed only as practical solutions. Achterberg (1993), for instance, recognizes 43 subfamilies, while Sharkey (1993) recognizes 29 and Wharton (2000) only 6. The proposed classifications at the subfamily level have been generally problematic, due to convergence, usually caused by reduction of characters (Achterberg 1984a). Works by Quicke & Achterberg (1990) and Belshaw et al. (1998) implemented cladistic methods to clarify the relationships among the established groups; however, no consensus has been reached, leaving the topic under current debate (Wharton et al. 1992;

Achterberg & Quicke 1992; Quicke et al. 1999). Problems like this might be caused by the knowledge gap in regions such as the unexplored neotropics, which could certainly contain critical groups that facilitate the enhancement of the current knowledge on biogeography and phylogenetics.

The most recent work by Wharton et al. (1997) represents the main tool to increase the knowledge of the Neotropical fauna. Additionally there are some review works (Sharkey 1988, 1990; Quicke et al. 1996; Berta de Fernández 1998; Dangerfield et al. 1996; Mason 1979; Sharkey 1983; Quicke 1988a, 1988b, 1989a, 1989b, 1989c, 1994, 1995; Gibson 1974; Achterberg 1989, 1992b, 1995a; Achterberg et al. 1997) as well as some regional studies for Mexico (Hernández et al. 1987; Calderón & Ruiz 1990; Thompson & Ruiz 1990; Briceño & Ruiz 1991; López 1997; Ruiz 1993, Peña et al. 1992, Peña & Ruiz 1993; Delfín & Wharton 1996; Delfín & Leon 1997; Mao 1945; Wharton & Mercado 1989; Gibson 1972b; Labougle 1980; Starý 1983; Starý & Remaudiere 1982; Lomelí & Peña 1995; Sánchez et al. 1998), Costa Rica (Shaw 1995), Peru (Redolfi 1994) and Venezuela (Briceño 1999).

In most of the genera, the undescribed species surpass the described ones, basically because the knowledge of the Neotropical genera is rudimentary and scarce; thus, it is difficult to make estimations of number of species at the moment.

There are still many entirely unexplored regions; although we are now starting to explore the magnitude of the Neotropical hyperdiverse groups. Hence it is imperative to produce more revision works that reflect the real diversity of the most abundant and diverse groups of the world, many of which are present in the Neotropics.

Cuadro 1. Número de especies descritas y estimadas para cada género en el Neotrópico. Debido a la ausencia de trabajos de revisión en el Neotrópico en muy pocos casos se cuenta con una estimación precisa del número de especies.

Box 1. Number of described and estimated species within each genus in the Neotropical Region. Due to the lack of review works of Neotropical taxa, in very few cases there is a precise estimation of the total number of species.

Taxón <i>Taxon</i>	No. Especies descritas <i>No. of described species</i>	No. Especies estimadas <i>No. of estimated species</i>
Subfamilia Adeliinae	-	-
<i>Adelius</i> Haliday, 1833	3	-
<i>Paradelius</i> de Saeger, 1942	2	-
Subfamilia Agathidinae	-	-
<i>Aerophilus</i> Szépligeti, 1902	1	-
<i>Alabagrus</i> Enderlein, 1920	?	100
<i>Bassus</i> Fabricius, 1804	-	400
<i>Coccygidium</i> de Saussure, 1892	-	100
<i>Crassomicrodus</i> Ashmead, 1900	-	10
<i>Cremmops</i> Foerster, 1862	-	40
<i>Dichelosus</i> Szépligeti, 1902	7	-
<i>Earinus</i> Wesmael, 1837	-	40
<i>Labagathis</i> Enderlein, 1920	1	-
<i>Liopisa</i> Enderlein, 1920	1	-
<i>Marjoriella</i> Sharkey, 1983	4	-
<i>Mesocoelus</i> Schulz, 1911	2	-
<i>Pharpa</i> Sharkey, 1986	3	-
<i>Plesiocoelus</i> van Achterberg, 1990	1	-
<i>Sesioctonus</i> Viereck, 1912	1	30
<i>Trachagathis</i> Viereck, 1912	2	-
<i>Zacremnops</i> Sharkey & Warton, 1985	4	-
<i>Zamicrodus</i> Viereck, 1912	-	15
Subfamilia Alysiinae		
<i>Alysia</i> Latreille, 1804	-	-
<i>Alysiasta</i> Wharton, 1980	4	-
<i>Aphaereta</i> Foerster, 1862	16	-
<i>Asobara</i> Foerster, 1862	8	-
<i>Aspilota</i> Foerster, 1862	15	-
<i>Chaenusa</i> Haliday, 1839	10	-
<i>Chorebus</i> Haliday, 1833	18	-
<i>Coelinius</i> Nees, 1818	40	-
<i>Coloneura</i> Foerster, 1862	-	-
<i>Cratospila</i> Foerster, 1862	1	-
<i>Dacnusa</i> Haliday, 1833	-	-
<i>Dapsilarthra</i> Foerster, 1862	-	-
<i>Dapsildiastema</i> Wharton, 1994	-	-
<i>Dinotrema</i> Foerster, 1862	40	-
<i>Exotela</i> Foerster, 1862	-	-
<i>Gnathopleura</i> Wharton, 1980	12	-
<i>Hoplitalysia</i> Ashmead, 1900	1	-
<i>Idiasta</i> Foerster, 1862	1	-
<i>Ilatha</i> Fischer, 1975	5	-
<i>Mesocrina</i> Foerster, 1862	1	-
<i>Microcrasis</i> Fischer, 1975	2	-
<i>Oenonogastra</i> Ashmead, 1900	1	-
<i>Orthostigma</i> Ratzeburg, 1844	9	-
<i>Pentapleura</i> , Foerster, 1862	4	-
<i>Phaenocarpa</i> Foerster, 1862	2	-
<i>Symphya</i> Foerster, 1862	6	-
<i>Tanycarpa</i> Foerster, 1862	4	-

Taxón <i>Taxon</i>	No. Especies descritas <i>No. of described species</i>	No. Especies estimadas <i>No. of estimated species</i>
<i>Lysiphlebus</i> Foerster, 1862	7	-
<i>Monoctonus</i> Haliday, 1833	3	-
<i>Praon</i> Haliday, 1833	17	-
<i>Pseudephedrus</i> Starý, 1972	5	-
<i>Pseudopraon</i> Starý, 1975		
<i>Quadrictonus</i> Starý & Remaudiere, 1833	1	-
<i>Trioxys</i> Haliday, 1833	4	
Subfamilia Betylobraconinae	-	-
<i>Conobregma</i> van Achterberg, 1995	5	-
<i>Jannya</i> van Achterberg, 1995	2	-
Subfamilia Blacinae	-	-
<i>Apoblacus</i> van Achterberg, 1976	1	-
<i>Blacozona</i> van Achterberg, 1988	1	-
<i>Blacus</i> Nees, 1818	40	-
<i>Chalarope</i> van Achterberg, 1988	1	-
<i>Glyptoblacus</i> van Achterberg, 1995	1	-
<i>Grypokersos</i> van Achterberg, 1988	2	-
<i>Mesoxiphium</i> van Achterberg, 1976	2	-
<i>Stegnocella</i> van Achterberg, 1976	1	-
Subfamilia Braconinae	-	-
<i>Alienoclypeus</i> Shenefeld, 1978		
<i>Atanycolus</i> Foerster, 1862	-	-
<i>Bracon</i> Fabricius, 1804	-	-
<i>Calobracon</i> Szépligeti, 1902	-	-
<i>Cervellus</i> Szépligeti, 1904	-	-
<i>Coeloides</i> Wesmael, 1838	-	-
<i>Compsobracon</i> Ashmead, 1900	-	-
<i>Compsobraconoides</i> Quicke, 1989	5	-
<i>Cyanopterus</i> Haliday, 1835	-	-
<i>Cyclaulacidea</i> Quicke & Delobel, 1995	1	-
<i>Cyclaulax</i> Cameron, 1911	-	-
<i>Digonogastra</i> Viereck, 1912	-	-
<i>Gnathobracon</i> Costa, 1864	1	-
<i>Gracilbracon</i> Quicke, 1995	3	-
<i>Habrobracon</i> Ashmead, 1895	-	-
<i>Hemibracon</i> Szépligeti, 1906	-	-
<i>Lasiophorus</i> Haliday, 1838	-	-
<i>Leptobracon</i> Szépligeti, 1901	-	-
<i>Megabracon</i> Szépligeti, 1906	-	-
<i>Megacoeloides</i> Quicke, 1989	1	-
<i>Myosoma</i> Brullé, 1846	-	-
<i>Myosomatoides</i> Quicke, 1994	1	-
<i>Palabracon</i> Quicke, 1988	-	-
<i>Pheloura</i> van Achterberg, 1989	1	-
<i>Sacirema</i> Quicke, 1995	1	-
<i>Vipiomorpha</i> Tobias, 1986		
<i>Vipio</i> Latreille, 1804	-	-
Subfamilia Cardiochilinae	-	-
<i>Cardiochiles</i> Nees, 1818	16	5
<i>Hansonia</i> Dangerfield, 1996	1	-

Taxón <i>Taxon</i>	No. Especies descritas <i>No. of described species</i>	No. Especies estimadas <i>No. of estimated species</i>
<i>Heteropteron</i> Brullé, 1846	1	-
<i>Neocardiochiles</i> Szépligeti, 1908	1	-
<i>Schoenlandella</i> Cameron, 1904	-	-
<i>Toxoneuron</i> Say, 1836	20	-
<i>Wesmaeella</i> Spinola, 1853	2	-
Subfamilia Cenocoeliinae	-	-
<i>Aulacodes</i> Cresson, 1865	1	-
<i>Capitonus</i> Brullé, 1846	-	-
<i>Cenocoelius</i> Haliday, 1840	-	-
<i>Evaniomorpha</i> Szépligeti, 1901	1	-
<i>Foenomorpha</i> Szépligeti, 1904	1	-
Subfamilia Cheloninae	-	-
<i>Ascogaster</i> Wesmael, 1835	-	-
<i>Chelonus</i> Panzer, 1806	-	-
<i>Dentigaster</i> Zettel, 1990	3	6
<i>Fischeriella</i> Zettel, 1990	-	-
<i>Leptochelonus</i> Zettel, 1990	1	-
<i>Leptodrepana</i> Shaw, 1990	-	-
<i>Microchelonus</i> Szépligeti, 1908	5	-
<i>Phanerotoma</i> Wesmael, 1838	50	-
<i>Phanerotomoides</i> Zettel, 1990	1	-
<i>Pseudophanerotoma</i> Zettel, 1990	10	-
Subfamilia Dirrhopinae	-	-
<i>Dirrhope</i> Foerster, 1861	-	-
Subfamilia Doryctinae	-	-
<i>Acanthorhogas</i> Szépligeti, 1906	1	-
<i>Achterbergia</i> Marsh, 1993	1	-
<i>Acrophasmus</i> Enderlein, 1912	10	-
<i>Aivalykus</i> Nixon, 1838	4	-
<i>Aphelopsia</i> Marsh, 1993	1	-
<i>Araucania</i> Marsh, 1993	2	-
<i>Atopodoryctes</i> Marsh, 1993	1	-
<i>Binarea</i> Brullé, 1846	4	-
<i>Bohartiellus</i> Marsh, 1983	2	-
<i>Caingagia</i> Marsh, 1993	1	-
<i>Callihormius</i> Ashmead, 1900	7	-
<i>Coiba</i> Marsh, 1993	3	-
<i>Curtisella</i> Spinola, 1853	6	-
<i>Cyphodoryctes</i> Marsh, 1997	1	-
<i>Dendrosoter</i> Wesmael, 1838	6	-
<i>Donquickeia</i> Marsh, 1997	2	-
<i>Doryctes</i> Haliday, 1836	100	-
<i>Ecphyloides</i> Marsh, 1993	1	-
<i>Ecphylus</i> Foerster, 1862	25	-
<i>Evaniodes</i> Szépligeti, 1901	1	-
<i>Fritziella</i> Marsh, 1993	1	-
<i>Glyptocolastes</i> Ashmead, 1900	-	-
<i>Guaygata</i> Marsh, 1993	1	-
<i>Gymnobracon</i> Szépligeti, 1902	3	-
<i>Hecabolus</i> Curtis, 1834	2	-

Taxón <i>Taxon</i>	No. Especies descritas <i>No. of described species</i>	No. Especies estimadas <i>No. of estimated species</i>
<i>Heerz</i> Marsh, 1993	2	-
<i>Heterospilus</i> Haliday, 1836	-	-
<i>Histeromeroides</i> Marsh, 1993	1	-
<i>Holcobracon</i> Cameron, 1905	4	300
<i>Hybodoryctes</i> Szépligeti, 1906	2	-
<i>Janzenia</i> Marsh, 1993	1	-
<i>Johnsonius</i> Marsh, 1993	3	-
<i>Labania</i> Hedqvist, 1963	1	-
<i>Leluthia</i> Cameron, 1887	3	-
<i>Liobracon</i> Szépligeti, 1901	20	-
<i>Masonius</i> Marsh, 1993	1	-
<i>Megaloproctus</i> Shulz, 1906	13	-
<i>Micrommatius</i> Marsh, 1993	1	-
<i>Mixtec</i> Marsh, 1993	1	-
<i>Monarea</i> Szépligeti, 1904	3	-
<i>Monolexis</i> Foerster, 1862	8	-
<i>Mononeuron</i> Fischer, 1981	1	-
<i>Nervellius</i> Roman, 1924	4	-
<i>Notiuspathius</i> Matthews & Marsh, 1973	14	-
<i>Odontobracon</i> Cameron, 1887	4	-
<i>Pambolidea</i> Ashmead, 1900	2	-
<i>Osmophila</i> Szépligeti, 1902	3	-
<i>Panama</i> Marsh, 1993	1	-
<i>Parallorhogas</i> Marsh, 1993	1	-
<i>Pariodes</i> Fischer, 1981	1	-
<i>Pedinotus</i> Szépligeti, 1902	4	-
<i>Percnobracon</i> Kieffer, 1910	2	-
<i>Psenobolus</i> Reinhard, 1885	3	-
<i>Ptesimogaster</i> Marsh, 1965	3	-
<i>Rhanconotus</i> Ruthe, 1854	75	-
<i>Rhoptocentroides</i> Marsh, 1993	1	-
<i>Semirhytus</i> Szépligeti, 1902	2	-
<i>Sericobracon</i> Shaw, 1985	2	-
<i>Sharkeyella</i> Marsh, 1993	1	-
<i>Shawius</i> Marsh, 1993	1	-
<i>Spathius</i> Nees, 1818	-	-
<i>Stenocorse</i> Marsh, 1968	1	-
<i>Tarasco</i> Marsh, 1993	1	-
<i>Trigonophasmus</i> Enderlein, 1912	8	-
<i>Tripteria</i> Enderlein, 1912	1	-
<i>Verae</i> Marsh, 1993	1	-
<i>Waitaca</i> Marsh, 1993	1	-
<i>Whartoni</i> Marsh, 1993	2	-
<i>Whitfieldiellus</i> Marsh, 1997	1	-
Subfamilia Euphorinae	-	-
<i>Aridelus</i> Marshall, 1887	4	-
<i>Bracteodes</i> de Saeger, 1946	1	-
<i>Centistes</i> Haliday, 1835	7	-
<i>Centistina</i> Enderlein, 1912	-	-
<i>Centistoides</i> van Achterberg, 1992	1	-

Taxón <i>Taxon</i>	No. Especies descritas <i>No. of described species</i>	No. Especies estimadas <i>No. of estimated species</i>
<i>Chrysopophthours</i> Goidanich, 1948	4	-
<i>Cosmophorus</i> Ratzeburg, 1848	-	-
<i>Cryptoxilos</i> Viereck, 1911	-	-
<i>Dinocampus</i> Foerster, 1862	1	-
<i>Euphoriella</i> Ashmead, 1900	-	-
<i>Falcosyntretus</i> Tobias, 1965	1	-
<i>Holdawayella</i> Loan, 1967	-	-
<i>Lecythodella</i> Enderlein, 1912	1	-
<i>Leiophron</i> Nees, 1818	-	-
<i>Litostolus</i> van Achterberg, 1985	4	-
<i>Marshiella</i> Shaw, 1985	2	-
<i>Microctonus</i> Wesmael, 1835	26	-
<i>Orionis</i> Shaw, 1985	2	-
<i>Perilitus</i> Nees, 1818	-	-
<i>Peristenus</i> Foerster, 1862	5	-
<i>Plynops</i> Shaw, 1996	10	-
<i>Pygostolus</i> Haliday, 1833	3	-
<i>Syntretus</i> Foerster, 1862	3	-
<i>Townesilitus</i> Haeselbarth & Loan, 1983	4	-
<i>Wesmaelia</i> Foerster, 1862	-	-
Subfamilia Gnamptodontinae	-	-
<i>Gnamptodon</i> Haliday, 1833	8	-
<i>Pseudognaptodon</i> Fischer, 1964	3	-
Subfamilia Helconinae	-	-
<i>Aliolus</i> Say, 1836	-	-
<i>Baeacis</i> Foerster, 1878	1	-
<i>Diospilus</i> Haliday, 1833	-	-
<i>Eubazus</i> Nees, 1814	-	-
<i>Helcon</i> Nees, 1814	-	-
<i>Nealiolus</i> Mason, 1974	-	120
<i>Schizoprymnus</i> Foerster, 1862	4	-
<i>Topaldios</i> Papp, 1995	2	-
<i>Triaspis</i> Haliday, 1835	-	100
<i>Urosigalphus</i> Ashmead, 1888	-	100
<i>Vadum</i> Mason, 1987	1	-
<i>Wroughtonia</i> Cameron, 1899	-	-
Subfamilia Homolobinae	-	-
<i>Charmontia</i> van Achterberg, 1979	1	-
<i>Charmon</i> Haliday, 1833	20	-
<i>Exasticolus</i> van Achterberg, 1979	3	-
<i>Homolobus</i> Foerster, 1862	12	-
Subfamilia Hormiinae	-	-
<i>Acrisis</i> Foerster, 1862	2	-
<i>Allobracon</i> Gahan, 1915	11	-
<i>Aspilodemon</i> Fischer, 1966	7	-
<i>Cantharactonus</i> Viereck, 1912	3	-
<i>Chremylus</i> Haliday, 1833	1	-
<i>Colastes</i> Haliday, 1833	-	-
<i>Hormius</i> Nees, 1818	18	-
<i>Hydrangeocola</i> Brethes, 1927	13	-

Taxón <i>Taxon</i>	No. Especies descritas <i>No. of described species</i>	No. Especies estimadas <i>No. of estimated species</i>
<i>Lysitermus</i> Foerster, 1862	2	-
<i>Monitoriella</i> Hedqvist, 1963	5	-
<i>Oncophanes</i> Foerster, 1862	8	-
<i>Pambolus</i> Haliday, 1836	2	-
<i>Parahormius</i> Nixon, 1940	5	-
<i>Rhysipolis</i> Foerster, 1862	1	-
<i>Shawiana</i> Achterberg, 1983	2	-
<i>Xenarcha</i> Foerster, 1862	1	-
<i>Xenosternum</i> Muesebeck, 1935	1	-
Subfamilia Ichneutinae	-	-
<i>Hebichneutes</i> Sharkey & Wharton, 1994	4	-
<i>Helconichia</i> Sharkey & Wharton, 1994	sa	-
<i>Lispixys</i> Mason, 1994	2	-
<i>Masonbeckia</i> Sharkey & Wharton, 1994	6	-
<i>Muesonia</i> Sharkey & Wharton, 1994	3	-
<i>Oligoneurus</i> Szépligeti, 1902	2	-
<i>Paroligoneurus</i> Muesebeck, 1931	11	-
<i>Proterops</i> Wesmael, 1835	3	-
Subfamilia Macrocentrinae	-	-
<i>Austrozele</i> Roman, 1910	-	-
<i>Dolichozele</i> Viereck, 1911	-	-
<i>Hymenochaonia</i> Dalla Torre, 1898	5	-
<i>Macrocentrus</i> Curtis, 1833	40	-
Subfamilia Masoninae	-	-
<i>Masona</i> van Achterberg, 1995	-	-
Subfamilia Mendesellinae	-	-
<i>Epsilogaster</i> Whitfield & Mason, 1994	1	-
<i>Mendesella</i> Whitfield & Mason, 1994	1	-
Subfamilia Meteorideinae	-	-
<i>Meteoridea</i> Ashmead, 1900	-	-
Subfamilia Meteorinae	-	-
<i>Meteorus</i> Haliday, 1835	47	-
<i>Zele</i> Curtis, 1832	7	-
Subfamilia Microgastrinae	-	-
<i>Alphomellon</i> Mason, 1981	-	-
<i>Apanteles</i> Foerster, 1862	-	1000
<i>Austrocotesia</i> Austin & Dangerfield, 1992	1	-
<i>Choeras</i> Mason, 1981	-	-
<i>Clarkinella</i> Mason, 1981	-	-
<i>Cotesia</i> Cameron, 1891	-	-
<i>Dasyllagon</i> Muesebeck, 1958	-	-
<i>Deuterixys</i> Mason, 1981	-	-
<i>Diolcogaster</i> Ashmead, 1900	-	-
<i>Distatrix</i> Mason, 1981	-	-
<i>Dolichogenidea</i> Viereck, 1911	-	-
<i>Exix</i> Mason, 1981	-	-
<i>Fornicia</i> Brullé, 1846	-	-
<i>Glyptapanteles</i> Ashmead, 1904	-	-
<i>Hypomicrogaster</i> Ashmead, 1898	-	-
<i>Iconella</i> Mason, 1981	-	-

Taxón <i>Taxon</i>	No. Especies descritas <i>No. of described species</i>	No. Especies estimadas <i>No. of estimated species</i>
<i>Illidops</i> Mason, 1981	-	-
<i>Larissimus</i> Nixon, 1965	-	-
<i>Lathrapanteles</i> Williams, 1985	-	-
<i>Microplitis</i> Foerster, 1862	-	-
<i>Papanteles</i> Mason, 1981	-	-
<i>Parapanteles</i> Ashmead, 1900	-	-
<i>Pholetesor</i> Mason, 1981	-	-
<i>Prasmodon</i> Nixon, 1965	-	-
<i>Promicrogaster</i> Brues & Richardson, 1913	-	-
<i>Protomicroplitis</i> Ashmead, 1898	-	-
<i>Pseudapanteles</i> Ashmead, 1898	-	-
<i>Rasivalva</i> Mason, 1981	-	-
<i>Rhygoplitis</i> Mason, 1981	-	-
<i>Sathon</i> Mason, 1981	-	-
<i>Sendaphne</i> Nixon, 1965	-	-
<i>Snellenius</i> Westwood, 1882	-	-
<i>Venanides</i> Mason, 1981	-	-
<i>Venanus</i> Mason, 1981	-	-
<i>Wilkinsonellus</i> Mason, 1981	-	-
<i>Xanthapanteles</i> Whitfield, 1995	1	-
<i>Xanthomicrogaster</i> Cameron, 1911	-	-
<i>Xenogaster</i> Mason, 1981	-	-
Subfamilia Miracinae	-	-
<i>Mirax</i> Haliday, 1833	-	-
Subfamilia Opiinae	-	-
<i>Biosteres</i> Foerster, 1862	20	-
<i>Diachasmimorpha</i> Viereck, 1913	5	-
<i>Doryctobracon</i> Enderlein, 1920	14	-
<i>Eurytenes</i> Marshall, 1862	1	-
<i>Fopius</i> Wharton, 1987	-	-
<i>Opius</i> Wesmael, 1835	400	-
<i>Psytalia</i> Walker, 1860	1	-
<i>Utetes</i> Foerster, 1862	35	-
Subfamilia Orgilinae	-	-
<i>Antestrix</i> van Achterberg, 1987	2	-
<i>Bentonia</i> van Achterberg, 1992	2	-
<i>Orgilus</i> Haliday, 1833	120	-
<i>Podorgilus</i> van Achterberg, 1994	1	-
<i>Stantonia</i> Ashmead, 1904	5	-
Subfamilia Rogadinae	-	-
<i>Aleiodes</i> Wesmael, 1838	-	200
<i>Bulborogas</i> van Achterberg, 1995	2	-
<i>Choreborogas</i> Whitfield, 1990	8	-
<i>Clinocentrus</i> Haliday, 1833	3	-
<i>Cystomastax</i> Szépligeti, 1904	6	-
<i>Macrostromion</i> Szépligeti, 1900	1	-
<i>Polystenidea</i> Viereck, 1911	2	-
<i>Rogas</i> Nees, 1818	-	150
<i>Stiropius</i> Cameron, 1911	17	-
<i>Tetrasphaeropyx</i> Ashmead, 1888	1	-

Taxón <i>Taxon</i>	No. Especies descritas <i>No. of described species</i>	No. Especies estimadas <i>No. of estimated species</i>
<i>Yelicones</i> Cameron, 1887	5	-
Subfamilia Sigalphinae	-	-
<i>Psephalanus</i> Szépligeti, 1902	-	-
<i>Sigalphus</i> Latreille, 1802	-	-
Subfamilia Ypsistocerinae	-	-
<i>Embobracon</i> van Achterberg, 1995	1	-
<i>Termitobracon</i> Brues, 1923	1	-
<i>Ypsistocerus</i> Cushman, 1923	2	-

Listado Taxonómico / *Taxonomic List*

Se presenta una lista de los géneros de Braconidae conocidos para el Neotrópico y Colombia con referencias e información adicional sobre su biología. La distribución en el Neotrópico se basa principalmente en Wharton *et al.* (1997) y Shaw (1995). Se considera la región neotropical en sentido amplio ya que es un grupo muy poco estudiado y los límites de su distribución al nivel de género no son claros; algunas veces sólo se menciona el país de origen del tipo. La lista de géneros para Colombia es preliminar de acuerdo con la distribución conocida por región natural. Los registros marcados con asterístico (*), son nuevos hallazgos taxonómicos para el Neotrópico y/o Colombia. Adicionalmente se presentan referencias, algunas de ellas indican el nombre del género entre paréntesis cuando ha sido sinonimizado (para más detalles consultar apéndice de listado sinonímico). Igualmente se incluye información sobre su biología y sobre su hospedero cuando se conoce. (Endo) Endoparasoide; (Ecto) Ectoparasoide; (K) Koinobionte; (I) Idiobionte y (D) Desconocida. En la columna Distribución Neotropical aparecen abreviaturas ne= Neotrópico, sa= Sudamérica, Cam= Centroamérica, ica= islas del caribe y rd= República Dominicana.

This checklist shows the known genera of Braconidae that occur in Colombia and the Neotropical Region and includes additional information and references on their biology. Neotropical distribution records are mostly based on Wharton et al. (1997) and Shaw (1995). The Neotropical Region is regarded on its broad sense since this group has been poorly studied and the distribution boundaries are not clear; some of the distribution records make reference to the country where the type specimen was found. The genera checklist for Colombia is preliminary according to the known distributions per natural region. Distributions with an asterisk () are new findings for the Neotropics and/or Colombia. The checklist also includes references, some of them showing in parenthesis the former name used at the time of the study, but that has become a synonym (for details consult the appendix containing the synonymic list). Likewise, host information and notes on the biology are included: (Endo) endoparasitoid; (Ecto) ectoparasitoid; (K) Kionobiont; (I) Idiobiont and (D) Unknown. Other abbreviations appear under Neotropical Distribution: ne = Neotropics, sa = South America, cam = Central America, ica = Caribbean Islands and rd = Dominican Republic.*

Taxón <i>Taxon</i>	Distribución Neotropical <i>Neotropical Distribution</i>	Distribución en Colombia <i>Distribution in Colombia</i>	Referencia Bibliográfica <i>Bibliographic Reference</i>	Hospedero <i>Host</i>	Biología <i>Biology</i>
ADELIINAE					
<i>Adelius</i> Haliday, 1833	ne		Whitfield & Wagner 1991	Lepidoptera	Endo D
<i>Paradelius</i> de Saeger, 1942	cam		Whitfield 1989	Lepidoptera	Endo D
AGATHIDINAE					
<i>Aerophilus</i> Szépligeti, 1902	sa		Sharkey 1992	D	Endo K
<i>Alabagrus</i> Enderlein, 1920	ne	amz and car	Sharkey 1988	Pyralidae	Endo K
	ori pac				
<i>Bassus</i> Fabricius, 1804	ne	and car ori pac	Sharkey 1985	Gelechiidae, Noctuidae, Pyralidae, Tortricidae, Tineidae, Coleophoridae	Endo K

Taxón Taxon	Distribución Neotropical Neotropical Distribution	Distribución en Colombia Distribution in Colombia	Referencia Bibliográfica Bibliographic Reference	Hospedero Host	Biología Biology
<i>Coccygidium</i> de Saussure, 1892	ne	amz and car ori	Sharkey 1992		Endo K
<i>Crassomicrodus</i> Ashmead, 1900	ne		Sharkey 1992	Noctuidae	Endo K
<i>Cremmops</i> Foerster, 1862	ne	and car	Berta de Fernández 1998, Marsh 1961	Pyralidae	Endo K
<i>Dichelosus</i> Szépligeti, 1902	cam sa	amz and ori pac	Sharkey 1992	D	Endo K
<i>Earinus</i> Wesmael, 1837	sa	and pac	Sharkey 1992	Gracillariidae, Tineidae, Noctuidae, Geometridae, Coleophoridae, Tortricidae,	Endo K
<i>Labagathis</i> Enderlein, 1920	sa		Oecophoridae Sharkey 1992	D	Endo K
<i>Liopisa</i> Enderlein, 1920	cam sa	and	Sharkey 1992	D	Endo K
<i>Marjoriella</i> Sharkey, 1983	sa	amz	Sharkey 1983	D	Endo K
<i>Mesocoelus</i> Schulz, 1911	cam sa		van Achterberg 1990	Gracillariidae	Endo K
<i>Pharpa</i> Sharkey, 1986	cam sa	and pac	Sharkey 1986	D	Endo K
<i>Plesiocoelus</i> van Achterberg, 1990	cam sa		van Achterberg 1990	D	Endo K
<i>Sesioctonus</i> Viereck, 1912	cam sa	amz pac car	Briceño 1999	D	Endo K
<i>Trachagathis</i> Viereck, 1912	sa	and	Sharkey 1992	D	Endo K
<i>Zacremnops</i> Sharkey & Warton, 1985	ne	car ori pac	Sharkey 1990	Pyralidae	Endo K
<i>Zamicrodus</i> Viereck, 1912	cam sa	amz ori	Sharkey 1992	D	Endo K
ALYSIINAE					
<i>Alysia</i> Latreille, 1804	me	and	Wharton 1988b	Anthomyiidae, Tephritidae, Calliphoridae, Muscidae, Sarcophagidae, Heleomyzidae	Endo K
<i>Alysiasta</i> Wharton, 1980	cam		Wharton 1980	Sarcophagidae	Endo K
<i>Anisocyrtia</i> Foerster, 1862	me		Wharton 1984a; Achterberg 1986	D	Endo K
<i>Aphaereta</i> Foerster, 1862	ne	and	Wharton 1994	Diptera Calliptera	Endo K
<i>Asobara</i> Foerster, 1862	ne	and	Wharton 1984a, 1994	Drosophilidae, Sepsidae, Tephritidae	Endo K
<i>Aspilota</i> Foerster, 1862	ne	and	van Achterberg 1988a; Wharton 1985	Phoridae, Platypezidae	Endo K
<i>Chaenusa</i> Haliday, 1839	ar ch		Griffiths 1964	Ephydriidae	Endo K
<i>Chorebus</i> Haliday, 1833	ne		Griffiths 1964	Agromyzidae, Ephydriidae	Endo K
<i>Coelinus</i> Nees, 1818	me		Wharton 1994	Chloropidae	Endo K
<i>Coloneura</i> Foerster, 1862	me		Griffiths 1964; van Achterberg 1976a	Agromyzidae	Endo K
<i>Cratospila</i> Foerster, 1862	cam sa	and	Wharton 1980	D	Endo K
<i>Dacnusa</i> Haliday, 1833	me ch		Griffiths 1964	Agromyzidae, Drosophilidae	Endo K
<i>Dapsilarthra</i> Foerster, 1862	cam		van Achterberg 1983a, Griffiths 1968a, 1968b	Agromyzidae, Anthomyiidae	Endo K
<i>Dapsildiastema</i> Wharton, 1994	sa		Wharton 1994	D	Endo K
<i>Dinotrema</i> Foerster, 1862	ne		van Achterberg 1988a; Wharton 1985	Phoridae	Endo K
<i>Exotela</i> Foerster, 1862	me		Griffiths 1964, 1966a, 1966b, 1968a	Agromyzidae	Endo K
<i>Gnathopleura</i> Wharton, 1980	ne	amz and	Wharton 1980	Calliphoridae, Muscidae, Sarcophagidae	Endo K
<i>Hoplitalysia</i> Ashmead, 1900	me		Wharton 1980	D	Endo K
<i>Idiasta</i> Foerster, 1862	sa	and	Wharton 1980	D	Endo K
<i>Ilatha</i> Fischer, 1975	ne	and	Wharton 1980	D	Endo K
<i>Mesocrina</i> Foerster, 1862	me		Wharton 1980; van Achterberg 1983a	D	Endo K
<i>Microcrasis</i> Fischer, 1975	cam sa	and	Fischer 1975	Lonchaeidae, Tephritidae	Endo K
<i>Oeonogastra</i> Ashmead, 1900	ne	and	Fischer 1974	Agromyzidae	Endo K
<i>Orthostigma</i> Ratzeburg, 1844	cam		Wharton 1980; van Achterberg 1988a	Phoridae	Endo K

Taxón <i>Taxon</i>	Distribución <i>Neotropical</i> <i>Neotropical</i> <i>Distribution</i>	Distribución <i>en Colombia</i> <i>Distribution</i> <i>in Colombia</i>	Referencia <i>Bibliográfica</i> <i>Bibliographic</i> <i>Reference</i>	Hospedero <i>Host</i>	Biología <i>Biology</i>
<i>Pentapleura</i> Foerster, 1862	cam sa	and	Wharton 1980, 1984b	Sphaeroceridae	Endo K
<i>Phaenocarpa</i> Foerster, 1862	ne		Papp 1969	D	Endo K
<i>Symphya</i> Foerster, 1862	me		Rohwer 1914; Griffiths 1964	Agromyzidae	Endo K
<i>Tanycarpa</i> Foerster, 1862	ne		Wharton 1980	Drosophilidae	Endo K
<i>Vachterbergia</i> Warthon, 1994	sa		Wharton 1994	D	Endo K
APHIDIINAE					
<i>Aphidius</i> Nees, 1818	ne	and	Pungerl 1983, 1986	Aphididae, Thelaxidae, Drepanosiphidae	Endo K
<i>Binodoxys</i> Mackauer, 1960	ne		Starý 1995	Aphididae	Endo K
<i>Diaeretiella</i> Starý, 1960	ne		Read <i>et al.</i> 1970	Aphididae	Endo K
<i>Ephedrus</i> Haliday, 1833	ne		Gardenfors 1986; Starý 1995	Aphididae, Drepanosiphidae, Pemphigidae, Anoeciidae	Endo K
<i>Lysiphlebus</i> Foerster, 1862	ne	and pac	Smith 1944; Gardenfors 1986; Starý 1995	Aphididae, Anoeciidae	Endo K
<i>Monoctonus</i> Haliday, 1833	me ch		Gardenfors 1986; Starý 1995	Aphididae, Thelaxidae, Drepanosiphidae	Endo K
<i>Praon</i> Haliday, 1833	ne		Johnson 1987	Aphididae, Lachnidae, Thelaxidae, Drepanosiphidae	Endo K
<i>Pseudopraon</i> Strarý, 1975	me		Starý, 1975	Aphididae	
<i>Pseudephedrus</i> Starý, 1972	ne		Starý 1972, 1976, 1994	Aphididae	Endo K
<i>Quadrictonus</i> Starý & Remaudiere, 1982	me		Starý & Remaudiere 1982; van Achterberg 1989	Aphididae	Endo K
<i>Adialytus</i> Foerster, 1862	me		Marsh 1979a (como subgénero de <i>Lysiphlebus</i>)	Aphididae, Thelaxidae, Drepanosiphidae	
<i>Lysaphidus</i> Smith, 1944	me		Smith 1944; Marsh 1979a	Aphididae	
<i>Trioxys</i> Haliday, 1833	me		Smith 1944; Starý 1981	Aphididae, Thelaxidae, Drepanosiphidae	
APOZYGINAE					
<i>Apozyx</i> Mason, 1978	ch		Mason 1978; Sharkey & Wahl 1992	D	D D
BETYLOBRACONINAE					
<i>Conobregma</i> van Achterberg, 1995	ica rd		van Achterberg 1995b	D	D K
<i>Jannya</i> van Achterberg, 1995	cam sa		van Achterberg 1995b	D	D K
BLACINAE					
<i>Apoblacus</i> van Achterberg, 1976	ch		van Achterberg 1976b, 1988b	D	D D
<i>Blacozona</i> van Achterberg, 1988	ar		van Achterberg 1976b, 1988b	D	D D
<i>Blacus</i> Nees, 1818	ne	and amz car	van Achterberg 1988b	Coleoptera	D D
<i>Chalarope</i> van Achterberg, 1988	ch		van Achterberg 1988b	D	D D
<i>Glyptoblacus</i> van Achterberg, 1995	ho		van Achterberg 1995a	D	D D
<i>Grypokers</i> van Achterberg, 1988	ch		van Achterberg 1988b	D	D D
<i>Mesoxiphium</i> van Achterberg, 1976	ch		van Achterberg 1976b, 1988b	D	D D
<i>Stegnocella</i> van Achterberg, 1976	ch		van Achterberg 1976b, 1988b	D	D D
BRACONINAE					
<i>Alienoclypeus</i> Shenefelt, 1978	me		Mason 1978		
<i>Atanycolus</i> Foerster, 1862	cam sa	and	Shenefelt 1943	Cerambycidae, Buprestidae	Ecto I
<i>Bracon</i> Fabricius, 1804	ne	amz and car ori pac	Muesebeck 1925	Larvas de Lepidoptera, Coleoptera y Diptera	Ecto I

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<i>Calobracon</i> Szépligeti, 1902	sa	and ori	Shenefelt 1978	D	Ecto I
<i>Cervellus</i> Szepligeti, 1904	sa ica	and	Fahringer 1930	Larvas de Coleoptera	Ecto I
<i>Coeloides</i> Wesmael, 1838	me		Mason 1978	Scolytidae, Curculionidae, Buprestidae	
<i>Compsobracon</i> Ashmead, 1900	ne	amz and car ori pac	Mason 1978; Shenefelt 1978	Pyralidae	Ecto I
<i>Compsobraconoides</i> Quicke, 1989	ne	and car ori pac	Quicke & Sharkey 1989	D	Ecto I
<i>Cyanopterus</i> Haliday, 1835	ne	amz and car ori pac	Quicke & Sharkey 1989	Larvas de Coleoptera y Lepidoptera	Ecto I
<i>Cyclaulacidea</i> Quicke & Delobel, 1995	ne	ori	Quicke & Delobel 1995	Bruchidae y Curculionidae	Ecto I
<i>Cyclaulax</i> Cameron, 1911	ne	and ori pac	Shenefelt 1978	D	Ecto I
<i>Digonogastra</i> Viereck, 1912	ne	amz and car ori pac	Quicke 1988c, 1989a	Larvas de Coleoptera y Lepidoptera	Ecto I
<i>Gnathobracon</i> Costa, 1864	pe		Quicke & Huddleston 1991	D	Ecto I
<i>Gracilibracon</i> Quicke, 1995	ne	and ori pac	Quicke 1995	D	Ecto I
<i>Habrobracon</i> Ashmead, 1895	ne	and	Fischer 1968a	Larvas de Coleoptera, Lepidoptera, Diptera e Hymenoptera	Ecto I
<i>Hemibracon</i> Szépligeti, 1906	cam sa	amz and car ori pac	Shenefelt 1978	D	Ecto I
<i>Lasiophorus</i> Haliday, 1838	ne	and ori	Fahringer 1930; Quicke 1989a	D	Ecto I
<i>Leptobracon</i> Szépligeti, 1901	ne	amz	Fahringer 1930	D	Ecto I
<i>Megabracon</i> Szépligeti, 1906	ne	and ori		D	Ecto I
<i>Megacoeloides</i> Quicke, 1989	pe		Quicke 1989b	D	Ecto I
<i>Myosoma</i> Brullé, 1846	ne	and pac	Mason 1978	Pyralidae	Ecto I
<i>Myosomatoides</i> Quicke, 1994	ne		Quicke 1994	Pyralidae	Ecto I
<i>Palabracon</i> Quicke, 1988	cam sa		Quicke 1988b	Pyralidae	Ecto I
<i>Pheloura</i> van Achterberg, 1989	cam sa		Achterberg 1989	D	Ecto I
<i>Sacirema</i> Quicke, 1995	ne	amz and pac	Quicke 1995	D	Ecto I
<i>Vipiomorpha</i> Tobias, 1962	sa		Tobias 1986		Ecto I
<i>Vipio</i> Latreille, 1804	cam sa	and ori	Wharton & Mason 1991; ICZN 1994	Larvas de Coleoptera y Lepidoptera	Ecto I
CARDIOCHILINAE			Dangerfield <i>et al.</i> 1999		
<i>Cardiochiles</i> Nees, 1818	ne	and car	Dangerfield <i>et al.</i> 1999	Lepidoptera	Endo K
<i>Hansonia</i> Dangerfield, 1996	cam		Dangerfield <i>et al.</i> 1999	Apatelodidae	Endo K
<i>Heteropteron</i> Brullé, 1846	br		Dangerfield <i>et al.</i> 1999	D	Endo K
<i>Neocardiochiles</i> Szépligeti, 1908	su br	amz *	Dangerfield <i>et al.</i> 1999	D	Endo K
<i>Schoenlandella</i> Cameron, 1904	ne		Dangerfield <i>et al.</i> 1999	Lepidoptera	Endo K
<i>Toxoneuron</i> Say, 1836	ne	car	Mao 1945, 1949	Noctuidae	Endo K
<i>Wesmaelella</i> Spinola, 1853	sa		Dangerfield <i>et al.</i> 1999	D	Endo K
CENOCOELIINAE					
<i>Aulacodes</i> Cresson, 1865	ica		van Achterberg 1994a	D	Endo K
<i>Capitoni</i> Brullé, 1846	ne	amz and ori pac	Saffer 1977, 1982; van Achterberg 1994a	Curculionidae	Endo K
<i>Cenocoelius</i> Haliday, 1840	ne	amz and	Saffer 1982;	Curculionidae, Cerambycidae, Buprestidae, Scolytidae	Endo K
<i>Evaniomorpha</i> Szépligeti, 1901	br		van Achterberg 1994a	D	Endo K
<i>Foenomorpha</i> Szépligeti, 1904	su pe		van Achterberg 1994a van Achterberg 1994a	D	Endo K
CHELONINAE					
<i>Ascogaster</i> Wesmael, 1835	ne		Shaw 1983	Tortricidae	Endo K
<i>Chelonus</i> Panzer, 1806	ne	amz and car pac		Gelechiidae, Pyralidae, Noctuidae	Endo K

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<i>Dentigaster</i> Zettel, 1990	cam sa		Zettel 1990a	D	Endo K
<i>Fischeriella</i> Zettel, 1990	sa	amz	Zettel 1990a	D	Endo K
<i>Leptochelonus</i> Zettel, 1990	ch		Zettel 1990a	D	Endo K
<i>Leptodrepana</i> Shaw, 1990	ne	and amz car	Shaw 1983	Plutellidae	Endo K
<i>Microchelonus</i> Szépligeti, 1908	ne		McComb 1968	Lyonetiidae, Gracillaridae, Cosmopterigidae, Gelechiidae, Yponomeutidae, Pyralidae, Tortricidae, Cochyliidae	Endo K
<i>Phanerotoma</i> Wesmael, 1838	ne	and car	Zettel 1989a, 1989b, 1990b, 1991, 1992a, 1992b	Pyralidae, Gellechiidae, Tortricidae	Endo K
<i>Phanerotomoides</i> Zettel, 1990	br		Zettel 1990a	D	Endo K
<i>Pseudophanerotoma</i> Zettel, 1990	ne	and car	Zettel 1990a	D	Endo K
DIRRHOPINAE					
<i>Dirrhope</i> Foerster, 1861	cam		van Achterberg 1984a	D	D D
DORYCTINAE					
<i>Acanthorhogas</i> Szépligeti, 1906	ne		Shenefelt & Marsh 1976	D	Ecto I
<i>Achterbergia</i> Marsh, 1993	cam sa	pac	Marsh 1993	D	Ecto I
<i>Acrophasmus</i> Enderlein, 1912	ne		Marsh 1968; Shenefelt & Marsh 1976	Lyctidae, Bostrichidae	Ecto I
<i>Aivalykus</i> Nixon, 1838	ne		Marsh 1965	Scolytidae	Ecto I
<i>Aphelopsia</i> Marsh, 1993	cam sa		Marsh 1993	D	Ecto I
<i>Araucania</i> Marsh, 1993	sa	ori *	Marsh 1993	D	Ecto I
<i>Atopodoryctes</i> Marsh, 1993	ica		Marsh 1993	D	Ecto I
<i>Binarea</i> Brullé, 1846	ne		Shenefelt & Marsh 1976	D	Ecto I
<i>Bohartiellus</i> Marsh, 1983	cam sa		Marsh 1983b	D	Ecto I
<i>Caingagia</i> Marsh, 1993	br		Marsh 1993	D	Ecto I
<i>Callihormius</i> Ashmead, 1900	ne		Marsh 1966	Buprestidae y Cerambycidae	Ecto I
<i>Coiba</i> Marsh, 1993	cam ica	car	Marsh 1993	D	Ecto I
<i>Curtisella</i> Spinola, 1853	ne		Shenefelt & Marsh 1976	D	Ecto I
<i>Cyphodoryctes</i> Marsh, 1997	br		Marsh 1997	D	Ecto I
<i>Dendrosoter</i> Wesmael, 1838	ne		Marsh 1967; Shenefelt & Marsh 1976	Scolytidae	Ecto I
<i>Donquickeia</i> Marsh, 1997	br		Marsh 1997	D	Ecto I
<i>Doryctes</i> Haliday, 1836	ne		Marsh 1969; Shenefelt & Marsh 1976	Larvas de Coleoptera barrenadores de madera	Ecto I
<i>Ecphyloides</i> Marsh, 1993	br		Marsh 1993	D	Ecto I
<i>Ecphylus</i> Foerster, 1862	cam		Marsh 1965	Scolytidae, Bostrichidae, Lyctidae	Ecto I
<i>Evaniodes</i> Szépligeti, 1901	br pe	ori	Shenefelt & Marsh 1976; Fischer 1981a	D	Ecto I
<i>Fritziella</i> Marsh, 1993	br		Marsh 1993	D	Ecto I
<i>Glyptocolastes</i> Ashmead, 1900	ne		Marsh 1968; Marsh 1993	Bruchidae, Bostrichidae	Ecto I
<i>Guaygata</i> Marsh, 1993	ica		Marsh 1993	D	Ecto I
<i>Gymnobracon</i> Szépligeti, 1902	ne	and	Shenefelt & Marsh 1976	D	Ecto I
<i>Hecabolus</i> Curtis, 1834	ar		Shenefelt & Marsh 1976	Scolytidae, Bostrichidae	Ecto I
<i>Heerz</i> Marsh, 1993	cr br		Marsh 1993	D	Ecto I
<i>Heterospilus</i> Haliday, 1836	ne	and pac amz ori	Marsh 1982a, 1982b	Larvas de Coleoptera barrenadores de madera	Ecto I

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<i>Histeromeroides</i> Marsh, 1993	ne		Marsh 1993	D	Ecto I
<i>Holcobracon</i> Cameron, 1905	ica		Marsh 1988	D	Ecto I
<i>Hybodoryctes</i> Szépligeti, 1906	ne		Shenefelt & Marsh 1976	D	Ecto I
<i>Janzenia</i> Marsh, 1993	me cr		Marsh 1993	D	Ecto I
<i>Johnsonius</i> Marsh, 1993	cam sa		Marsh 1993	D	Ecto I
<i>Labania</i> Hedqvist, 1963	cam ica		Hedqvist 1963; Wharton 1993b	Formador de agallas en <i>Ficus colubrinae</i>	Ecto I
<i>Leluthia</i> Cameron, 1887	ne		Marsh 1967; Shenefelt & Marsh 1976	Buprestidae	Ecto I
<i>Liobracon</i> Szépligeti, 1901	ne	and	Shenefelt & Marsh 1976	D	Ecto I
<i>Masonius</i> Marsh, 1993	cam		Marsh 1993	D	Ecto I
<i>Megaloproctus</i> Shulz, 1906	ne	and pac	Marsh 1983a	D	Ecto I
<i>Micrommatius</i> Marsh, 1993	br		Marsh 1993	D	Ecto I
<i>Mixtec</i> Marsh, 1993	me		Marsh 1993; Belokobyl'skij 1995 (como <i>Hypodoryctes</i>)	D	Ecto I
<i>Monarea</i> Szépligeti, 1904	ne	amz *	Shenefelt & Marsh 1976	D	Ecto I
<i>Monolexis</i> Foerster, 1862	ne	and	Marsh 1965; Shenefelt & Marsh 1976	Lyctidae, Scolytidae	Ecto I
<i>Mononeuron</i> Fischer, 1981	br		Fischer 1981b	D	Ecto I
<i>Nervellius</i> Roman, 1924	ne	amz	Marsh 1988	D	Ecto I
<i>Notiuspathius</i> Matthews y Marsh, 1973	ne	pac	Matthews & Marsh 1973	D	Ecto I
<i>Odontobracon</i> Cameron, 1887	ne	amz ori		Cerambycidae	Ecto I
<i>Osmophila</i> Szépligeti, 1902	ne		Shenefelt & Marsh 1976	D	Ecto I
<i>Pambolidea</i> Ashmead, 1900	me		Shenefelt & Marsh 1976	Scolytidae, Bostrichidae	
<i>Panama</i> Marsh, 1993	pn		Marsh 1993	D	Ecto I
<i>Parallorhogas</i> Marsh, 1993	ne		Marsh 1993	Pyralide, Bruchidae, Bostrichidae	Ecto I
<i>Pariodes</i> Fischer, 1981	br		Fischer 1981a	D	Ecto I
<i>Pedinotus</i> Szépligeti, 1902	ne	and	Shenefelt & Marsh 1976	Scolytidae	Ecto I
<i>Percnobracon</i> Kieffer, 1910	ne		Muesebeck 1958; Shenefelt & Marsh 1976	Cecidomyiidae	Ecto I
<i>Percnobraconoides</i> Marsh, 1989	me		Marsh 1989	Bostrichidae	
<i>Psenobolus</i> Reinhard, 1885	cr br		Shenefelt & Marsh 1976; Ramírez & Marsh 1996	D	Ecto I
<i>Ptesimogaster</i> Marsh, 1965	cb		Marsh 1965	D	Ecto I
<i>Rhaconotus</i> Ruthe, 1854	ne		Marsh 1976; Shenefelt & Marsh 1976	Coleoptera barrenadores de tallos	Ecto I
<i>Rhoptocentroides</i> Marsh, 1993	cr br		Marsh 1993; Belokobyl'skij 1995 (como <i>Pseudorhoptocentrus</i>)	D	Ecto I
<i>Semirhytus</i> Szépligeti, 1902	ne		Shenefelt & Marsh 1976	D	Ecto I
<i>Sericobracon</i> Shaw, 1985	tt		Shaw & Edgerly 1985	Embidiina	Ecto I
<i>Sharkeyella</i> Marsh, 1993	cam sa	amz	Marsh 1993	D	Ecto I
<i>Shawius</i> Marsh, 1993	br ar		Marsh 1993	D	Ecto I
<i>Spathius</i> Nees, 1818	ne		Matthews 1970; Shenefelt & Marsh 1976	Coleoptera barrenadores de madera	Ecto I

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<i>Stenocorse</i> Marsh, 1968	ne	and	Marsh 1968; Shenefelt & Marsh 1976	Bruchidae	Ecto I
<i>Tarasco</i> Marsh, 1993	me		Marsh 1993	D	
<i>Trigonophasmus</i> Enderlein, 1912	ne	and pac	Shenefelt & Marsh 1976	D	Ecto I
<i>Tripteria</i> Enderlein, 1912	br		Shenefelt & Marsh 1976	D	Ecto I
<i>Verae</i> Marsh, 1993	br		Marsh 1993	D	Ecto I
<i>Waitaca</i> Marsh, 1993	br		Marsh 1993	D	Ecto I
<i>Whartoni</i> Marsh, 1993	cam sa	and	Marsh 1993	Curculionidae	Ecto I
<i>Whitfieldiellus</i> Marsh, 1997	me pn		Marsh 1997	D	Ecto I
EUPHORINAE					
<i>Aridelus</i> Marshall, 1887	ne	ori	Papp 1965	Pentatomidae	Endo K
<i>Bracteodes</i> de Saeger, 1946	cam		Shaw 1985	D	Endo K
<i>Centistes</i> Haliday, 1835	ne	and	Shaw 1995	Curculionidae, Chrysomelidae, Carabidae	Endo K
<i>Centistina</i> Enderlein, 1912	ne		Shaw 1985	D	Endo K
<i>Centistoides</i> van Achterberg, 1992	su		Achterberg 1992a	D	Endo K
<i>Chrysopophthorus</i> Goidanich, 1948	cam sa ica		Mason 1964	Chrysopidae	Endo K
<i>Cosmophorus</i> Ratzeburg, 1848	ica		Shaw 1985	Scolytidae	Endo K
<i>Cryptoxilos</i> Viereck, 1911	ne		Shaw 1985	Scolytidae	Endo K
<i>Dinocampus</i> Foerster, 1862	ne	and	Shaw 1985	Coccinellidae	Endo K
<i>Euphoriella</i> Ashmead, 1900	ne	and	Loan & New 1971	Pscoptera	Endo K
<i>Falcosyntretus</i> Tobias, 1965	ne		Tobias 1965; Shaw 1985	D	Endo K
<i>Holdawayella</i> Loan, 1967	ne		Loan 1967	Tingidae	Endo K
<i>Lecythodella</i> Enderlein, 1912	ne			D	Endo K
<i>Leiophron</i> Nees, 1818	ne		Loan 1974	Miridae	Endo K
<i>Litostolus</i> van Achterberg, 1985	cam		van Achterberg 1985	D	Endo K
<i>Marshiella</i> Shaw, 1985	cam	cam	Shaw 1985	Anthicidae	Endo K
<i>Microctonus</i> Wesmael, 1835	ne	and	Loan 1969	Curculionidae, Chrysomelidae, Carabidae	Endo K
<i>Orionis</i> Shaw, 1985	cam	car and pac amz	Shaw 1987	D	Endo K
<i>Perilitus</i> Nees, 1818	ne	and	Shaw 1985	Curculionidae, Chrysomelidae	Endo K
<i>Peristenus</i> Foerster, 1862	cam		Loan 1974	Miridae	Endo K
<i>Plynops</i> Shaw, 1996	cam sa	pac amz	Shaw 1996	D	Endo K
<i>Pygostolus</i> Haliday, 1833	ne		van Achterberg 1985	Curculionidae	Endo K
<i>Syntretus</i> Foerster, 1862	ne		Marsh 1979b; Shaw 1985	Ichneumonidae, Apidae	Endo K
<i>Townesilitus</i> Haeselbarth & Loan, 1983	ne	and	Haeselbarth y Loan 1983	Chrysomelidae	Endo K
<i>Wesmaelia</i> Foerster, 1862	ne		Shaw 1985, Shaw 1997	Nabidae	
GNAMPTODONTINAE					
<i>Gnamptodon</i> Haliday, 1833	ne		Fischer 1977, Achterberg 1983c	Nepticulidae	D D
<i>Pseudognaptodon</i> Fischer, 1964	ne	and *	Whitfield & Wagner 1991; Fischer 1977	Nepticulidae	D D
HELCONINAE					
<i>Aliolus</i> Say, 1836	co	and	Martin 1956	Cerambycidae, Curculionidae, Mordellidae	Endo K
<i>Baeacis</i> Foerster, 1878	ne	and	Marsh 1979b	Anobiidae, Cerambycidae	Endo K
<i>Diospilus</i> Haliday, 1833	ne		Mason 1968	Anobiidae, Nitidulidae, Curculionidae	Endo K

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<i>Eubazus</i> Nees, 1814	ne	and amz ori car pac	Mason 1974	Curculionidae, Bruchidae	Endo K
<i>Helcon</i> Nees, 1814	ne		Marsh 1979b	Cerambycidae	Endo K
<i>Nealiolus</i> Mason, 1974	ne	and	Marsh 1979b	Curculionidae	Endo K
<i>Schizoprymnus</i> Foerster, 1862	ne	and car		Mordellidae	Endo K
<i>Topaldios</i> Papp, 1995	ar ch		Papp 1995	D	Endo K
<i>Triaspis</i> Haliday, 1835	ne	and ori car pac	Martin 1956	Curculionidae, Bruchidae	Endo K
<i>Urosigalphus</i> Ashmead, 1888	ne	and amz	Gibson 1972a, 1972b, 1974		Endo K
<i>Vadum</i> Mason, 1987	co *	and	Mason 1987	D	Endo K
<i>Wroughtonia</i> Cameron, 1899	co *		van Achterberg 1987a (como <i>Wroughtoniay</i> <i>Helconidea</i>)	Cerambycidae	Endo K
HOMOLOBINAЕ					
<i>Charmon</i> Haliday, 1833	me		van Achterberg 1979	Tortricidae, Gelechiidae, Oecophoridae, Pyralidae	
<i>Charmontia</i> van Achterberg, 1979	ch		van Achterberg 1979	D	
<i>Exasticolus</i> van Achterberg, 1979	cam sa	and amz car ori	van Achterberg 1979	Lasiocampidae	Endo K
<i>Homolobus</i> Foerster, 1862	ne	and amz car ori	van Achterberg 1979	Noctuidae, Geometridae	Endo K
HORMIINAЕ					
<i>Acrisis</i> Foerster, 1862	cam		Belokobyl'skij 1993a; Tobias 1993	D	Ecto I
<i>Allobracon</i> Gahan, 1915	ne		Wharton 1993b, Clark 1965	Lepidoptera, Buprestidae, Chrysomelidae	Ecto I
<i>Aspilodemon</i> Fischer, 1966	cam sa	and	Fischer 1966; Wharton 1988a	D	Ecto I
<i>Cantharactonus</i> Viereck, 1912	cam sa		Whitfield & van Achterberg 1987	Lyonetiidae	Ecto I
<i>Chremylus</i> Haliday, 1833	ch		Belokobyl'skij 1987a, 1987b, 1993a, 1993b; Wharton 1993b	Coleoptera	
<i>Colastes</i> Haliday, 1833	me br		Belokobyl'skij & Tobias 1986; van Achterberg 1983b	Lepidoptera, Coleoptera, Hymenoptera, Diptera	Ecto I
<i>Hormius</i> Nees, 1818	ne	and amz car ori	Hedqvist 1963; Wharton 1993b; Infante <i>et al.</i> 1995	Gelechiidae, Tortricidae, Coleophoridae	Ecto I
<i>Hydrangeocola</i> Brethes, 1927	ch co	and *	Wharton 1988a, 1993b, Fischer 1968b (como <i>Kephalosema</i>)	Formador de agallas en <i>Hydrangea</i>	Ecto I
<i>Lysitermus</i> Foerster, 1862	cam ica		Wharton 1993b	Psychidae	Ecto I
<i>Monitoriella</i> Hedqvist, 1963	cam sa		Hedqvist 1963; Wharton 1993b; Infante <i>et al.</i> 1995	Formador de agallas en <i>Philodendron</i>	Ecto I
<i>Oncophanes</i> Foerster, 1862	me		Belokobyl'skij 1993a, 1993b	Tortricidae	
<i>Pambolus</i> Haliday, 1836	cam sa	and amz car pac	Belokobyl'skij 1986, 1987a, 1987b, 1993a, 1993b	Buprestidae y Chrysomelidae	Ecto I
<i>Parahormius</i> Nixon, 1940	cam		Wharton 1993b	Coleophoridae, Cosmopterygidae, Gelechiidae y Lyonetiidae	Ecto I
<i>Proacrisis</i> Tobias, 1983	me		Tobias 1983; Belokobyl'skij 1993a, 1993b	D	

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<i>Rhysipolis</i> Foerster, 1862	me		Belokobyl'skij & Tobias 1986; Belokobyl'skij 1993a, 1993b	Gracillariidae	
<i>Shawiana</i> Achterberg, 1983	me br		Shaw & Huddleston 1991; Belokobyl'skij 1993a (como <i>Colastes</i>)	Tenthredinidae	
<i>Xenarcha</i> Foerster, 1862	me		Shaw 1983; van Achterberg 1983b	Tenthredinidae	
<i>Xenosternum</i> Muesebeck, 1935	me		Belokobyl'skij 1993a, 1993b; van Achterberg 1983b	Gelechiidae, Cosmopterygidae, Gracillariidae	
ICHNEUTINAE					
<i>Hebichneutes</i> Sharkey & Wharton, 1994	cam sa		Sharkey & Wharton 1994	D	Endo K
<i>Helconichia</i> Sharkey & Wharton, 1994			Sharkey & Wharton 1994	D	Endo K
<i>Lispixys</i> Mason, 1994	ne		Mason 1969, 1991; Sharkey & Wharton 1994		Endo K
<i>Masonbeckia</i> Sharkey & Wharton, 1994	cam sa		Sharkey & Wharton 1994	Argidae	Endo K
<i>Muesonia</i> Sharkey & Wharton, 1994	ne		Sharkey & Wharton 1994	D	Endo K
<i>Oligoneurus</i> Szépligeti, 1902	ne		Whitfield & Wagner 1991; Sharkey & Wharton 1994	Lyonetiidae	Endo K
<i>Paroligoneurus</i> Muesebeck, 1931	ne		Whitfield & Wagner 1991; Sharkey & Wharton 1994	Nepticulidae	Endo K
<i>Proterops</i> Wesmael, 1835	ne		Whitfield & Wagner 1991; Sharkey & Wharton 1994	Argidae	Endo K
MACROCENTRINAE					
<i>Austrozele</i> Roman, 1910	cam sa		Mason 1977	Geometridae	Endo K
<i>Dolichozele</i> Viereck, 1911	ne	amz and ori	van Achterberg 1993	Arctiidae	Endo K
<i>Hymenochaonia</i> Dalla Torre, 1898	cam sa	and ori	van Achterberg 1993	Pyralidae, Tortricidae	Endo K
<i>Macrocentrus</i> Curtis, 1833	ne		Muesebeck 1932	Pyralidae, Tortricidae	Endo K
MASONINAE					
<i>Masona</i> van Achterberg, 1995	br co	amz *	van Achterberg 1995b	D	D D
MENDESELLINAE					
<i>Epsilogaster</i> Whitfield & Mason, 1994	cam sa		Whitfield & Mason 1994	D	D D
<i>Mendesella</i> Whitfield & Mason, 1994	sa	ori *	Whitfield & Mason 1994	D	D D
METEORIDEINAE					
<i>Meteoridea</i> Ashmead, 1900	ne		van Achterberg 1990	Larvas de Lepidoptera	Endo K
METEORINAE					
<i>Meteorus</i> Haliday, 1835	ne	and car ori amz	Huddleston 1980, 1983	Larvas de Coleoptera y Lepidoptera	Endo K
<i>Zelee</i> Curtis, 1832	cam sa	and pac	Mason 1973; van Achterberg 1979, 1984b	Larvas de Lepidoptera	Endo K

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MICROGASTRINAE					
<i>Alphomellon</i> Mason, 1981	ne	and amz	Muesebeck 1920 (como <i>Apanteles</i>); Mason 1981	Hesperiidae	Endo K
<i>Apanteles</i> , Foerster, 1862		and car ori pac	Muesebeck 1920, 1958; Nixon 1965, Mason 1981	Lepidoptera	Endo K
<i>Austrocotesia</i> Austin & Dangerfield, 1992	cam sa		Austin & Dangerfield 1992	D	Endo K
<i>Choeras</i> Mason, 1981	ne		Nixon 1965 (como grupo de <i>Apanteles</i> , <i>Hypomicrogaster</i> y <i>Promicrogaster</i>); Mason 1981	Lepidoptera	Endo K
<i>Clarkinella</i> Mason, 1981	ne		Mason 1981	D	Endo K
<i>Cotesia</i> Cameron, 1891	ne	and ori	Muesebeck 1920 (como <i>Apanteles</i>); Nixon 1965 (como grupo <i>glomeratus</i> de <i>Apanteles</i>); Papp 1986a, 1986b, 1987 (como grupo <i>glomeratus</i> de <i>Apanteles</i>)	Lepidoptera	Endo K Endo K
<i>Dasylygon</i> Muesebeck, 1958	sa		Nixon 1965	Sesiidae, Thyrididae	Endo K
<i>Deuterixys</i> Mason, 1981	ne		Whitfield 1985	Bucculatricidae, Lyonetiidae	Endo K
<i>Diolcogaster</i> Ashmead, 1900	ne		Mason 1981	Lepidoptera	Endo K
<i>Distatrix</i> Mason, 1981	ne		Nixon 1965 (como grupo <i>formosus</i> de <i>Apanteles</i>); Mason 1981	Lepidoptera	Endo K
<i>Dolichogenidea</i> Viereck, 1911	ne	and pac	Muesebeck 1920 (como <i>Apanteles</i>); Mason 1981	Lepidoptera	Endo K
<i>Exix</i> Mason, 1981	ne		Mason 1981	Noctuidae	Endo K
<i>Fornicia</i> Brullé, 1846	ne	and	Papp 1980; Mason 1981; Austin 1987	Limacodidae	Endo K
<i>Glyptapanteles</i> Ashmead, 1904	ne	and	Muesebeck 1920 (como <i>Apanteles</i>); Mason 1981	Pyraloidea	Endo K
<i>Hypomicrogaster</i> Ashmead, 1898	ne	and	Nixon 1965	Lepidoptera	Endo K
<i>Iconella</i> Mason, 1981	ne	and	Muesebeck 1920 (como <i>Apanteles</i>); Nixon 1965 (como grupo <i>sundanus</i> y <i>merula</i> de <i>Apanteles</i>); Mason 1981	Lepidoptera	Endo K
<i>Illidops</i> Mason, 1981	ne		Mason 1981; Wharton 1983	Psychidae, Pyralidae, Scythrididae	Endo K
<i>Larissimus</i> Nixon, 1965	ne		Penteado-Diaz 1997; Mason 1981	Arctiidae	Endo K
<i>Lathrapanteles</i> Williams, 1985	ne		Williams 1985	Noctuidae	Endo K
<i>Microplitis</i> Foerster, 1862	ne	and	Muesebeck 1922; Nixon 1968; Papp 1984; Austin & Dangerfield 1993	Noctuidae, Sphingidae	Endo K
<i>Papanteles</i> Mason, 1981	ne		Nixon 1965 (como el grupo <i>virbius</i> de <i>Hypomicrogaster</i>); Mason 1981	D	Endo K

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<i>Parapanteles</i> Ashmead, 1900	ne		Mason 1981	Noctuidae, Notodontidae	Endo K
<i>Pholetesor</i> Mason, 1981	sa	and	Mason 1981	Lepidoptera	Endo K
<i>Prasmodon</i> Nixon, 1965	sa		Mason 1981	D	Endo K
<i>Promicrogaster</i> Brues & Richardson, 1913	ne	and	Mason 1981	D	Endo K
<i>Protomicroplitis</i> Ashmead, 1898	ne	and	Muesebeck 1922; Mason 1981	Noctuidae	Endo K
<i>Pseudapanteles</i> Ashmead, 1898	ne		Muesebeck 1920 (como <i>Apanteles</i>); Nixon 1965 (como grupo <i>sesiae</i> y <i>annulicornis</i>); Mason 1981	Gelechiidae	Endo K
<i>Rasivalva</i> Mason, 1981	ne		Mason 1981	Geometridae, Noctuidae, Arctiidae	Endo K
<i>Rhygoplitis</i> Mason, 1981	ne	and	Muesebeck 1920 (como <i>Panteles</i>); Nixon 1968 (como <i>Microgaster</i>); Mason 1981		Endo K
<i>Sathon</i> Mason, 1981	ne		Williams 1988	Lepidoptera	Endo K
<i>Sendaphne</i> Nixon, 1965	ne	amz	Nixon 1965; Mason 1981		Endo K
<i>Snellenius</i> Westwood, 1882	ne		Austin & Dangerfield 1993	Noctuidae, Spingidae	Endo K
<i>Venanides</i> Mason, 1981	ne		Nixon 1965 (como grupo <i>congoensis</i> de <i>Apanteles</i>); Mason 1981	Pyraloidea, Tortricoidea	Endo K
<i>Venanus</i> Mason, 1981	sa	and	Mason 1981	Lepidoptera	Endo K
<i>Wilkinsonellus</i> Mason, 1981	ne		Nixon 1965 (como grupo <i>daira</i> y <i>henicopus</i> de <i>Panteles</i>); Mason 1981	D	Endo K
<i>Xanthapanteles</i> Whitfield, 1995	ar		Whitfield 1995	D	Endo K
<i>Xanthomicrogaster</i> Cameron, 1911	ne		Mason 1981	D	Endo K
<i>Xenogaster</i> Mason, 1981	cam sa		Nixon 1965 (como grupo <i>Insolens</i> de <i>Apanteles</i>); Mason 1981	D	Endo K
MICROTYPINAE					
<i>Neomicrotypus</i> van Achterberg, 1992	ch		van Achterberg 1992b	D	
MIRACINAE					
<i>Mirax</i> Haliday, 1833	ne	and	Whitfield & Mason 1994	D	Endo K
OPIINAE					
<i>Biosteres</i> Foerster, 1862	me		Wharton 1987, 1988a	Anthomyiidae	
<i>Diachasmimorpha</i> Viereck, 1913	me		Pemberton & Willard 1918a, 1918b; Ramadan <i>et al.</i> 1989a, 1989b	Tephritidae	
<i>Doryctobracon</i> Enderlein, 1920	ne	and	Fischer 1977; Wharton 1988a; Marsh 1979b	Tephritidae	Endo K
<i>Eurytenes</i> Marshall, 1862	me		Fischer 1972; Wharton 1988a	Agromyzidae	

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<i>Fopius</i> Wharton, 1987	cr		Wharton 1987; van Achterberg & Maeto 1990	Tephritidae	
<i>Opius</i> Wesmael, 1835	ne	and car	Fischer 1977; Marsh 1979b; Wharton 1988a	Agromyzidae, Anthomyiidae, Chloropidae, Drosophilidae, Ephydriidae, Lonchaeidae, Scathophagidae, Tephritidae	Endo K
<i>Psytalia</i> Walker, 1860	cr		Fischer 1971, 1987; Wharton 1988a	Tephritidae	
<i>Utetes</i> Foerster, 1862	ne	and	Wharton 1988a	Tephritidae	Endo K
ORGILINAE					
<i>Antestrix</i> van Achterberg, 1987	ch		van Achterberg 1987b	D	
<i>Bentonia</i> van Achterberg, 1992	cam sa	amz and car	van Achterberg 1992c	Noctuidae	Endo K
<i>Orgilus</i> Haliday, 1833	ne	and pac	van Achterberg 1987b	D	Endo K
<i>Podorgilus</i> van Achterberg, 1994	br bo		van Achterberg 1994b	D	Endo K
<i>Stantonia</i> Ashmead, 1904	ne	amz and	van Achterberg 1987b	Tortricidae, Pyralidae	Endo K
ROGADINAE					
<i>Aleiodes</i> Wesmael, 1838	ne	amz and car ori	van Achterberg 1991; Shaw <i>et al.</i> 1997	Noctuoidea, Geometroidea, Arctioidea, Sphingoidea	Endo K
<i>Bulborogas</i> van Achterberg, 1995	ne		van Achterberg 1995b	D	Endo K
<i>Choreborogas</i> Whitfield, 1990	cam sa	and	Whitfield 1990; Achterberg 1995b	Lyonetiidae	Endo K
<i>Clinocentrus</i> Haliday, 1833	ne	and	Marsh 1979b	Tortricidae	Endo K
<i>Cystomastax</i> Szépligeti, 1904	ne	car and amz	Shenefelt 1975	D	Endo K
<i>Macrostomion</i> Szépligeti, 1900	cam sa	amz and	van Achterberg 1991; Shaw <i>et al.</i> 1997	D	Endo K
<i>Polystenidea</i> Viereck, 1911	ne		van Achterberg 1995b	Lyonetiidae	Endo K
<i>Rogas</i> Nees, 1818	ne	amz and ori	van Achterberg 1991	Lymacodidae, Zygaenidae, Riodinidae	Endo K
<i>Stiropius</i> Cameron, 1911	ne	and	Whitfield 1988, 1990; van Achterberg 1995b	Lyonetiidae, Gracilariidae	Endo K
<i>Tetrasphaeropyx</i> Ashmead 1888	me		Marsh 1979b	D	
<i>Yelicones</i> Cameron, 1887	ne	and *	Quicke <i>et al.</i> 1996; van Achterberg <i>et al.</i> 1997	Pyralidae	Endo K
SIGALPHINAE					
<i>Psephalanus</i> Szépligeti, 1902	sam		van Achterberg 1992d; Sharkey & Janzen 1995	Noctuidae	Endo K
<i>Sigalphus</i> Latreille, 1802	ne	and amz car ori	van Achterberg 1992d; Sharkey & Janzen 1995	Noctuidae	Endo K
YPSISTOCERINAE					
<i>Embobracon</i> van Achterberg, 1995	pa		van Achterberg 1995b	D	D D
<i>Termitobracon</i> Brues, 1923	pa gf		Brues 1923; van Achterberg 1995b	Termitidae	D D
<i>Ypsistocerus</i> Cushman, 1923	bo		Cushman 1923; van Achterberg 1995b	Termitidae	D D

Agradecimientos / Acknowledgments

Deseo agradecer al Proyecto Diversidad de Insectos en áreas protegidas, desarrollado en conjunto por el Instituto Alexander von Humboldt (IavH), Unidad Administrativa Especial del Sistema de Parques Nacionales Naturales de Colombia (UAESPNN), Universidad de Kentucky (UK), Museo de Historia Natural del condado de los Angeles (LACM) y patrocinado por la National Science Foundation (NSF) DEB 9972024; también agradezco a la Sociedad Colombiana de Entomología (SOCOLEN) por el apoyo a través de la beca Incentivos que promueve la investigación entomológica en universidades colombianas; agradezco a todas las personas de las colecciones visitadas que permitieron la revisión del material; finalmente agradezco al Dr. Michael Sharkey, Fernando Fernández y Eduardo Flórez por su apoyo incondicional, a los evaluadores del manuscrito y a Diana Carvajal y Claudia Reina por su valiosa ayuda.

I wish to thank the Project Diversity of Insects in Protected Areas, managed through Alexander von Humboldt Institute, (IavH) Special Administrative Unit of National Natural Parks System of Colombia (UAESPNN, Kentucky University (UK), Los Angeles county Museum (LACM and sponsored by the National Science Foundation (NSF) DEB 9972024; I also wish to thank the Entomological Society of Colombia (SOCOLEN) for their support through the scholarship Incentivos that promotes the entomological research in Colombian universities; I thank all the people from the visited collections for allowing the revision of material; and finally I express my gratitude to Dr. Michael Sharkey, Fernando Fernández and Eduardo Flórez for their unconditional support, to evaluators of manuscript and to Diana Carvajal and Claudia Reina for their valuable help.

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Zettel H. (1992b) Beiträge zur Kenntnis Neotropischer Arten der Gattung *Phanerotoma* Wesm. 7. Die *Ph. Atriceps*-gruppe (Hymenoptera: Braconidae, Cheloninae) *Linzer Biologische Beiträge* 24:663-669

Anexo / Appendix

Listado Sinonímico / Synonymic List

***Acrisis* Foerster, 1862 =**

Episigalphus Ashmead, 1900
Euchasmus Marshall, 1988

***Acrophasmus* Enderlein, 1912 =**

Concurtsiella Roman, 1924

***Adelius* Haliday, 1833 =**

Anomopterus Rohwer, 1914
Myriola Shestakov, 1932

***Ademon* Haliday, 1833 =**

Analostania Viereck, 1916
Giardinaia De Stephani, 1902

***Agathirsia* Westwood, 1882 =**

Agathona Westwood, 1882
Paragathis Ashmead, 1889

***Agathis* Latreille, 1804**

Aenigmostomus Ashmead, 1900
Cenostomus Foerster, 1862

***Alabagrus* Enderlein, 1920 =**

Astiria Enderlein, 1920
Craspedobothrus Enderlein, 1920
Lyptia Enderlein, 1920

***Aleiodes* Wesm., 1838 =**

Aleirhogas Baker, 1917
Chelonorhogas Enderlein, 1912
Heterogamoides Fullaway, 1919
Heterogamus Wesm., 1838
Hyperstemma Shestakov, 1940
Jiruna Malác, 1941
Leluthinus Enderlein, 1912
Nebartha Walker, 1860
Neorhogas Szépligeti, 1906
Petalodes Wesm., 1838

***Allobracon* Gahan, 1915 =**

Leurinion Muesebeck, 1958

***Alloea* Haliday, 1833 =**

Diaspasta Foerster, 1862
Lamadatha Cameron, 1900

***Allorhogas* Gahan, 1912 =**

Austrodolops Blanchard, 1936
Catolestes Bretes, 1922

***Alysia* Latreille, 1804 =**

Cechenus Illiger, 1807
Goniarcha Foerster, 1862

***Apanteles*, Foerster, 1862 =**

Allapanteles Bretes, 1915
Cecidobracon Kieffer & Joergensen, 1910
Urogaster Ashmead, 1898

***Aphaereta* Foerster, 1862 =**

Atopandrium Graham, 1952
Trichesia Provancher, 1881
Trinaria Provancher, 1886
Trisynaldis Fischer, 1958

***Aphidius* Nees, 1818 =**

Theracmion Holmgren, 1872

***Ascogaster* Wesm., 1835 =**

Cascogaster Baker, 1926

***Aridelus* Marshall, 1887 =**

Arideloides Papp, 1974
Erythrometeorus Cameron, 1911
Helorimorpha Schmiedeknecht, 1907
Scipolabia Enderlein, 1920
Strictometeorus Cameron, 1909

***Asobara* Foerster, 1862 =**

Sathra Foerster, 1862
Spanista Foerster, 1862

***Aspilota* Foerster, 1862 =**

Dipiesta Foerster, 1862
Eusynaldis Zaykov & Fischer, 1982

***Atanycolus* Foerster, 1862 =**

Atanycolidea Viereck, 1912

Coelobracon Dall Torre, 1898
Melanobracon Ashmead, 1911

Austrozele Roman, 1910 =

Laevis Sharma, 1982
Palinzele Brues, 1922
Paniscozele Enderlein, 1920

Bassus Fabricius, 1804 =

Aerophilina Enderlein, 1920
Aerophilopsis Viereck, 1913
Agathelina Enderlein, 1920
Agathiella Szépligeti, 1902
Diplozon Haliday, 1833
Ditropia Enderlein, 1920
Eumicrodus Foerster, 1862
Hormagathis Brues, 1926
Ioxia Enderlein, 1920
Lyptopylus Viereck, 1905
Microdus Nees, 1914
Neomicrodus Szépligeti, 1908
Obesomicrodus Papp, 1971
Therophilus Wesmael, 1837

Binodoxys Mackauer, 1960 =

Crasticaudus Starý & Remaudière 1982

Biosteres, Foerster, 1862 =

Celiestiella Cameron, 1903
Chilotrichia Foerster, 1862
Opiellus Ashmead, 1900
Rhabdospilus Foerster, 1862
Rhinoplus Foerster, 1862
Stenospilus Foerster, 1862
Trichopius Thomson, 1895
Zetetes Foerster, 1862

Bracteodes de Saeger, 1946 =

Mimirus Fischer, 1972

Blacus Nees, 1818 =

Gonicormus Foerster, 1862
Neoblacus Ashmead, 1900

Bracon Fabricius, 1804 =

Amicroplidea, Ashmead, 1900
Liobracon Ashmead, 1905
Macrodytium Ashmead, 1900
Microbracon Ashmead, 1890
Seliodus Bréthes, 1909
Tropidobracon Ashmead, 1900

Cenocoelius Haliday, 1840 =

Laccophrys Foerster, 1862
Promachus Cresson, 1887
Centistes Haliday, 1835 =

Euphoroidea Ashmead, 1900
Liosigalphus Ashmead, 1900

Chaenusa Haliday, 1839 =

Chorebidea Nixon, 1943
Chorebidea Viereck, 1914
Chorebidella Riegel, 1950

Charmon, Haliday, 1833 =

Cyclocormus Cameron, 1911
Provancheria Ashmead, 1898

Chelonus Panzer, 1806 =

Archichelonus Viereck, 1913
Davisania La Munyon, 1877
Megachelonus Baker, 1926
Trachionus Haliday, 1833
Etriptes Nixon, 1943

Chorebus Haliday, 1833 =

Ametria Foerster, 1862
Gyrocampa Foerster, 1820
Paragyrocampa Tobias, 1962
Stiphocera Foerster, 1862

Chremylus Haliday, 1833 =

Paramesocrina Nagamori, 1925
Penecerus Wesmael, 1838

Chypodoryctes Marsh, 1997 =

Cyrtonion Marsh, 1993

Clinocentrus Haliday, 1833 =

Camptocentrus Kriechbaumer, 1894
Microrhogas Cameron, 1910
Neorhyssalus Baker, 1917

Coccygidium de Saussure, 1892 =

Ahngeria Kokujev, 1902
Brachyropalum Kriechbaumer, 1894
Caenophylax, Schulz, 1911
Hemichroma Enderlein, 1920
Lisitheria Cameron, 1904
Neophylax Ashmead, 1889
Spilomicrodus Cameron, 1911
Xanthomicrodus Cameron, 1904
Zelomorpha Ashmead, 1900
Zelomorphidea Viereck, 1912

Coelinus Nees, 1818 =

Copisura Schioedte, 1837
Chaenon Curtis, 1829
Eriocoelinus Viereck, 1913
Lepton Zetterstedt, 1838
Polemochartus Schulz, 1911
Sarops Nixon, 1942

Coeloides Wesmael, 1838 =

Coeloidina Viereck, 1921
Cerobracon Viereck, 1926
Habrobraconidea Viereck, 1912
Syntomomelus Kokujev, 1902

Colastes Haliday, 1833 =

Exotheclus Wesmael, 1838

Cosmophorus Ratzeburg, 1848

Cosmophorinus Viereck, 1925

Cotesia Cameron, 1891 =

Cryptapanteles Viereck, 1910
Stenopleura Viereck, 1911

Crassomicrodus Ashmead, 1900 =

Epimicrodus Ashmead, 1900

Cratospila Foerster, 1862 =

Hedylus Marshall, 1891

Cryptoxilos Viereck, 1911 =

Cryptoxiloides Capek & Capeki, 1979

Curtisella Spinola, 1853 =

Lissophrymnus Cameron, 1911
Neorhyssa Szépligeti, 1902
Polystenoides Muesebeck, 1950
Subcurtisella Roman, 1924

Cyanopterus Haliday, 1835 =

Atanycolimorpha Viereck, 1913
Coelidimorpha Viereck, 1913
Bracambus Thomson, 1892
Cyanopteridea Viereck, 1911
Ipobracon Thomson, 1892

Dacnusa Haliday, 1833 =

Agonia Foerster, 1862
Aphanta Foerster, 1862
Brahystropha Foerster, 1862
Liposcia Foerster, 1862
Pachysema Foerster, 1862
Radiolaria Provancher, 1886
Rhizarcha Foerster, 1862
Tanystropha Foerster, 1862

Dapsilarthra Foerster, 1862 =

Adelura Foerster, 1862
Grammospila Foerster, 1862
Neocarpa Fischer, 1966
Parosthostigma Koenigsmann, 1972

Dendrosoter Wesmael, 1838 =

Caenophachys Foerster, 1862
Eurybolus Ratzeburg, 1848

Diachasma Foerster, 1862 =

Alyosopius Tobias, 1976
Lytacra Foerster, 1862

Diachasmimorpha Viereck, 1913 =

Parasteres Fischer, 1967

Digonogastra Viereck, 1912 =

Monogonogastra Viereck, 1912

Dinotrema Foerster, 1862 =

Coloboma Foerster, 1862
Eudinostigma Tobias, 1962
Leptotrema van Achterberg, 1988
Panerema Foerster, 1862
Prosapha Foerster, 1862
Pterusa Fischer, 1958
Scotioneurus Provancher, 1886
Spanomeris Foerster, 1862
Synaldis Foerster, 1862

Diolcogaster Ashmead, 1900 =

Zadiolocogaster Viereck, 1913

Diospilus Haliday, 1833 =

Allochromus Marshall, 1902

Dolichozele Viereck, 1911 =

Plectobracon Bréthes, 1927
Neozele Brues, 1926

Dolopsidea Hincks, 1944 =

Delops Marshall, 1889

Donquickeia Marsh, 1997 =

Quickia Marsh, 1993

Doryctes Haliday, 1836 =

Ischiogonus Wesmael, 1838
Paradoryctes Granger, 1949
Plyctes Fischer, 1981
Pristodoryctes Kieffer, 1921
Udamolcus Enderlein, 1920

Doryctobracon Enderlein, 1920 =

Diachasmoides Blanchard, 1938
Parachasma Fischer, 1967

Ecphylus Foerster, 1862 =

Paraecphylus Ashmead, 1900
Sactopus Ashmead, 1900
Sycosoter Picard & Lichtenstein, 1917

Elasmosoma Ruthe, 1858 =*Paramirax* Ashmead, 1895**Ephedrus Haliday, 1833 =***Elassus* Wesmael, 1835*Lysiophedrus* Starý, 1958**Eubazus Nees, 1814***Allodorus* Foerster, 1862*Brachistes* Wesmael, 1835*Calyptus* Haliday 1835**Exotela Foerster, 1862 =***Antrusa* Nixon, 1943*Mesora* Foerster, 1862*Toxela* Nixon, 1943**Fornicia Brullé, 1846 =***Monofornicia* Fahringer, 1938*Odontofornicia* Enderlein, 1912**Glyptocolastes Ashmead, 1900 =***Doryctinus* Roman, 1910*Glyptodoryctes* Ashmead, 1900**Gnamptodon Haliday, 1833 =***Diraphus* Wesmael, 1838*Mesotages* Foerster, 1862**Gymnobracon Szépligeti, 1902 =***Ipospathius* Enderlein, 1920*Rutheia* Szépligeti, 1908**Harkeria Cameron, 1900 =***Paramonoctonus* Starý, 1959**Hecalobus Curtis, 1834 =***Anisopelma* Wesmael, 1838**Helcon Nees, 1814 =***Coelostephanus* Kieffer, 1911*Edyia* Cameron, 1905*Gymnoscelus* Foerster, 1862**Heterospilus Haliday, 1836 =***Anacatostigma* Enderlein, 1920*Caenophanes* Foerster, 1862*Harpogolaccus* Enderlein, 1920*Kareba* Cameron, 1905*Lituania* Jakimavicius, 1960*Mythotynia* Hedqvist, 1976**Homolobus Foerster, 1862 =***Phylax* Wesmael, 1835**Hormius Nees, 1818 =***Anhormius* Belokobyl'kij, 1989*Hormiellus* Enderlein, 1912*Hormisca* Telenga, 1941*Mediella* Hedqvist, 1963**Hydrangeocola Brethes, 1927 =***Kephalosema* Fischer, 1968**Hymenochaonia Dalla Torre, 1898 =***Chaonia* Cresson, 1865*Pachymerella* Enderlein, 1920**Ichneutes Nees, 1816 =***Ichneustes* Szépligeti, 1896**Idiasta Foerster, 1862 =***Euphaenocarpa* Tobias, 1975*Rhacalysia* Cameron, 1910**Leiophron Nees, 1818 =***Euphoriana* Gahan, 1913*Euphorus* Nees, 1834**Leluthia Cameron, 1887 =***Doryctosoma* Picard, 1938*Euhecabolus* Tobias, 1962*Russellella* Muesebeck & Walkely, 1951*Russellia* Muesebeck, 1950**Liobracon Szépligeti, 1901 =***Hyboderia* Enderlein, 1920*Parabinarea* Brues, 1912*Triderodon* Enderlein, 1920**Loxocephalus Foerster, 1862 =***Myiocephalus* Marshall, 1897*Spilomma* Morley, 1909**Lysitermus Foerster, 1862 =***Paracedria* Hedqvist, 1956*Prolysitermus* Tobias, 1971*Rogadinaspis* Boucek, 1956*Trissarthrum* Ashmead, 1900**Macrocentrus Curtis, 1833 =***Amicroplus* Curtis, 1833*Fhogra* Cameron, 1862*Metapleurodon* Enderlein, 1920*Pseudophylacter* Fahringer, 1929**Megaloproctus Shulz, 1906 =***Ectetamenochir* Enderlein, 1912*Megistoproctus* Schulz, 1911

- Mesocrina Foerster, 1862 =**
Pseudomesocrina Koenigsmann, 1959
- Mesocoelus Schulz, 1911**
Coelothorax Ashmead, 1898
- Meteoridea Ashmead, 1900**
Benama Nixon, 1946
- Meteorus Haliday, 1835 =**
Pachytecus Cameron, 1912
Saprotichus Holmgren, 1868
- Microctonus Wesmael, 1835 =**
Gamosecus Provancher, 1880
- Microgaster Latreille, 1804 =**
Liganira Walker, 1860
Lissogaster Bengtsson, 1926
- Microplitis Foerster, 1862 =**
Dapsilotoma Cameron, 1906
Glabomicroplitis Papp, 1979
- Microtypus Ratzeburg, 1848 =**
Similearinus Glowacki & Karnpski, 1967
- Mirax Haliday, 1833**
Centistidea Rohwer, 1914
- Monitoriella Hedqvist, 1963 =**
Apotheopius Fischer, 1964
- Myosoma Brullé, 1846 =**
Acanthobracon Kriechbaumer, 1900
Amyosoma Viereck, 1913
- Neoneurus Haliday, 1838 =**
Ecclites Foerster, 1862
- Oligoneurus Szépligeti, 1902 =**
Ciliosa Mason, 1969
Pulchautkia Mason, 1957
- Oncophanes Foerster, 1862 =**
Epirhyssalus Ashmead, 1900
- Ontsira Cameron, 1900 =**
Doryctodes Hellén, 1927
Wachsmannia Szépligeti, 1900
- Opius Wesmael, 1835 =**
Aclisis, Foerster, 1862
Atoreuteus Foerster, 1862
Bathystomus Foerster, 1862
- Biophthora* Foerster, 1862
Desmatophorus Thomson, 1895
Desmiostoma Foerster, 1862
Eristernaulax Viereck, 1914
Hexaulax Cameron, 1910
Hypolabis Foerster, 1862
Lissosema Fischer, 1972
Marginopius Fahringer, 1934
Mesostoma Cameron, 1905
Neodiospilus Szépligeti, 1911
Neopius Gahan, 1917
Phlebosema Fischer, 1972
Sternaulopius Fischer, 1965
Therobolus Foerster, 1862
Thiemanastrepha Fischer, 1977
Trigonospilus Ashmead, 1901
- Orgilus Haliday, 1833 =**
Ischius Wesmael, 1835
Macropalpus Ratzeburg, 1844
Oresimus Ashmead, 1900
Orgilomorpha Ashmead, 1900
- Orthostigma Ratzeburg, 1844 =**
Delocarpa Foerster, 1862
Ischnocarpa Foerster, 1862
- Pambolus Haliday, 1836 =**
Araphis Ruthe, 1854
Dimeris Ruthe, 1854
Folchinia Kieffer, 1906
Parapambolus Dahl, 1912
Paraptesis Magretti, 1884
- Paroligoneurus Muesebeck, 1931 =**
Anaprixia Mason, 1991
Muesebeckia Mason, 1957
Ancylus Haliday, 1833
- Pauesia Quilis Perez, 1931 =**
Chaetopauesia Mackauer, 1967
Paraphidius Starý, 1858
- Pedinotus Szépligeti, 1902 =**
Goniogmus Enderlein, 1920
- Pentapleura, Foerster, 1862 =**
Gnathospila Fischer, 1966
Opisendea Foerster, 1862
- Phaenocarpa Foerster, 1862 =**
Asynaphes Provancher, 1886
Holcalysia Cameron, 1905
Homophyla Foerster, 1862

- Kahlia* Ashmead, 1900
esothesis Foerster, 1862
- Phanerotoma* Wesmael, 1838 =**
Ichneutipterus Vachal, 1907
Neocampsis Szépligeti, 1908
Neophanerotoma Szépligeti, 1908
Phanerotomina Shestakov, 1930
Sulydus Dubuysson, 1897
Tritoma Szépligeti, 1908
Unica Snoflák, 1951
- Praon* Haliday, 1833 =**
Aphidaria Provancher, 1886
- Proterops* Wesmael, 1835 =**
Ichneutidea Ashmead, 1900
Proteropoides Viereck, 1909
- Rhanconotus* Ruthe, 1854 =**
Euryphrymnus Cameron, 1910
Hormiopterus Giraud, 1869
hadinogaster Szépligeti, 1908
- Rogas* Nees, 1818 =**
Pelecystoma Wesmael, 1838
- Semirhytus* Szépligeti, 1902 =**
Liparophleps Enderlein, 1920
Plesademon Fischer, 1961
- Spathius* Nees, 1818 =**
Euspathius Foerster, 1862
Pseudospathius Szépligeti, 1902
Stenophasmus Smith, 1859
- Stantonia* Ashmead, 1904 =**
Mimagathis Enderlein, 1905
- Stiropius* Cameron, 1911 =**
Viridipyge Whitfield, 1988
- Streblocera* Westwood, 1833 =**
Cosmophoridea Hedqvist, 1955
Eutanycerus Foerster, 1862
- Symphanes* Foerster, 1862 =**
Bobekia Niezabitowski, 1910
- Symphya* Foerster, 1862**
Aenone Haliday, 1833
- Syncrasis* Foerster, 1862 =**
Phaenolyta Foerster, 1862
- Synelix*, Foerster, 1862 =**
Ectilis Nixon, 1943
- Tanycarpa* Foerster, 1862 =**
Acrobela Foerster, 1862
Epiclista Foerster, 1862
Hypostropha Foerster, 1862
- Taphaeus* Wesmael, 1835 =**
Anostemus Foerster, 1862
- Triaspis* Haliday, 1835 =**
Muriella Fullaway, 1919
- Trioxys* Haliday, 1833 =**
Bioxys Starý & Schlinger, 1967
Nevropenes Provancher, 1886
- Tanycarpa* Foerster, 1862 =**
Acrobela Foerster, 1862
Epiclista Foerster, 1862
Hypostropha Foerster, 1862
- Taphaeus* Wesmael, 1835 =**
Anostemus Foerster, 1862
- Triaspis* Haliday, 1835 =**
Muriella Fullaway, 1919
- Trioxys* Haliday, 1833 =**
Bioxys Starý & Schlinger, 1967
Nevropenes Provancher, 1886
- Urosigalphus* Ashmead, 1888 =**
Rhyssosigalphus Cameron, 1904
- Vipio* Latreille, 1804 =**
Isomecus Kriechbaumer, 1895
- Wesmaeella* Spinola, 1853 =**
Psilophthalmus Szépligeti, 1902
- Whitfieldiellus* Marsh, 1997 =**
Whitfieldia Marsh, 1993
- Wroughtonia* Cameron, 1899 =**
Duportia Kieffer, 1921
Helconidea Viereck, 1914
- Xenarcha*, Foerster, 1862 =**
Phanomeris Foerster, 1862

Yelicones* Cameron, 1887 =Pectinopius* Fischer, 1961*Rhopalotoma* Cameron, 1911***Zele* Curtis, 1832 =***Protelus* Foerster, 1862*Zemiotes* Foerster, 1862