



A checklist of the ants (Hymenoptera: Formicidae) of Peru

KLÁRA BEZDĚČKOVÁ¹, PAVEL BEZDĚČKA¹ & IVO MACHAR²

¹Museum of Highlands Jihlava, Masarykovo nám. 55, CZ-586 01 Jihlava, Czech Republic.

E-mail: bezdeckova@muzeum.ji.cz, bezdecka@muzeum.ji.cz

²Palacky University, Faculty of Science, Department of Development Studies, Tr. 17. listopadu 12, CZ-771 46 Olomouc, Czech Republic. E-mail: ivo.machar@upol.cz

Abstract

The article presents a comprehensive list of the ants (Hymenoptera: Formicidae) of Peru. Distribution data for 592 valid names of species-group taxa in 76 genera and 12 subfamilies were collected through a bibliographical review. The most diverse subfamilies in terms of species richness are Myrmicinae (273 species/subspecies), Formicinae (86 species/subspecies) and Ponerinae (71 species/subspecies). The most diverse genera are *Pheidole* (86 species/subspecies), *Camponotus* (73 species/subspecies), and *Pseudomyrmex* (47 species/subspecies). With respect to geographic divisions, richness is highest in Madre de Dios (245 species/subspecies), followed by Huanuco (109 species/subspecies) and Cusco (104 species/subspecies). Regions in greatest need of additional survey work are Ayacucho, Huancavelica, Moquegua and Tacna, from which virtually no information on the ant fauna is available.

Key words: list, ant fauna, Republic of Peru, Neotropical region

Introduction

Peru is one of the countries with the highest biodiversity on the planet (Reynel *et al.* 2013). It is situated in the Neotropical region on the west coast of South America and covers 1,285,216 km². Peru is topographically complex, resulting in a variety of habitats. A dominant feature of Peru is the Andean Cordillera, running north-south and parallel with the coast. The Cordillera divides the country into the three regions with different natural conditions. They are traditionally called the *costa*—a largely arid region adjacent to the Pacific coast (*ca.* 12% of Peruvian territory), the *sierra*—the central mountain region including the highest parts of the Andes (*ca.* 28% of Peruvian territory), and the *selva*—the lowland humid forest area east of the Andes (*ca.* 60% of Peruvian territory) (MINAM 2010).

An effort to understand the complicated ecological reality of Peru leads to various schemes of ecological classification. According to individual sources it is possible to identify 11–21 ecoregions, 18 ecological regions, 25–34 vegetation formations, 84 life zones or 98 terrestrial ecological systems in the Peruvian territory (e.g. Reynel *et al.* 2013). A widely used classification, formulated by Brack Egg (1986) and continually updated (e.g. by Brack Egg & Mendiola 2010) and developed (by Reynel *et al.* 2013), defines 11 ecoregions (nine terrestrial and two water) in Peru. It clearly illustrates the geographical and ecological diversity of Peru by dividing its mainland into the following ecoregions: the desert of the Pacific, the equatorial dry forest, the Pacific tropical forest, the highland steppes, the high Andean plain (Puna), the high plateau (Paramo), cloud forest, tropical rain forest, and savannah.

Peruvian biodiversity is impressive. The number of vascular plant species known from Peru is close 20,000 (30% of the native flora is endemic), of butterflies about 3,700 (the highest of any country), of birds approximately 1,835 (second highest), of amphibians about 538 (fourth highest), and of reptiles about 421 (fifth highest) (Reynel *et al.* 2013). Nevertheless, information on the richness and distribution of many taxa, particularly invertebrates, is still limited.

Here we compile the current knowledge of the richness and distribution of ants (Hymenoptera: Formicidae) in Peru. Ants are among the most ubiquitous, widespread, and abundant groups of animals on earth (Alonso 2010).

Their effects on other organisms and the environment include predation (e.g. Philpott & Armbrrecht 2006, O'Donnell *et al.* 2007), mutualism (e.g. Ness *et al.* 2010), seed dispersion (e.g. Giladi 2006), herbivory (e.g. Albert *et al.* 2005, Rodriguez, *et al.* 2008), and ecosystem engineering (e.g. Dauber *et al.* 2008, Sanders & van Veen 2011). The study of ants thus may lead to significant advances in our comprehension of insect evolution, global diversity patterns, competitive interactions, mutualism, ecosystem responses to changes or biological invasions (e.g. Lach *et al.* 2010). Despite the Neotropical region being a center of ant richness and endemism (Fernandez & Sendoya 2004, Alonso 2010), the ant fauna of many Neotropical countries, including Peru, has been poorly studied (Fernandez & Sendoya 2004). Faunal assessments such as this one are needed for a better understanding of the function and importance of ants.

The Western scientific exploration of the Peruvian ant fauna started in the second half of the 19th century (see Mayr 1866, Emery 1890, 1894). The first comprehensive information on Peruvian ants is included in a catalogue of the ants in the Neotropical Region compiled by Kempf (1972a) and subsequently updated by Brandão (1991). Kempf's work became the basis for the first list of the ant species known from Peru, written by Escalante Gutiérrez (1993), in which 273 species and subspecies were reported. The most recent published overview of Peruvian ants is incorporated in a synonymic list of Neotropical ants (Fernandez & Sendoya 2004) and presents 332 species and subspecies for Peru. Here we update the list, bringing the total to 592 species-group taxa.

Methods

The list and the distribution information on individual taxa are based on previous lists (Kempf 1972a, Brandão 1991, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007), taxonomic revisions and species descriptions, the Antweb database (Antweb 2015—see Appendix 1) and published studies focused on partial surveys of the ant fauna, conducted in various parts of Peru. Since the identifications could not be verified, the accounts were accepted only when deemed credible (taxa were already known from the Neotropics). Each entry in the list is supported by at least one published reference or data source (in brackets).

When possible, locality data are listed at the level of regions (*regiones*—according to administrative divisions of Peru since 2002) with individual references. When multiple sources refer a taxon to the same location only more recent sources are cited. As such, the references cited may not be exhaustive for individual taxa. More specific locality information is often available in primary sources but is not reported here. When region could not be determined, the locality is cited as given in the source (e.g. “Peru”).

The status “known only from Peru” was assessed by comparing our list to those from other Neotropical countries (in Fernandez & Sendoya 2004, Wild 2007a, AntWiki 2015a–d), and by checking the distribution of species in Antweb (2015). The higher classification follows Bolton (2015). Morphotaxa and specimens identified only to a level higher than species have not been included.

Results and discussion

We have gathered information on 592 valid names of species-group taxa (567 species, 25 subspecies) in 76 genera and 12 subfamilies of ants recorded from Peru. The most diverse subfamily is Myrmicinae with 33 genera and 273 species/subspecies. The most diverse genera are *Pheidole* with 86 species/subspecies and *Camponotus* with 73 species/subspecies. These taxa have been identified also among the largest in the world (Wilson 1976, Antweb 2015). Together, fifteen most diverse genera, each represented by ten or more species group taxa, include more than 70% of the ant species known from Peru. On the contrary, almost one third of genera are represented each only by a single species. For details see Tables 1–2. The ant fauna of Peru is in many respects typical for the Neotropical region. It contains 76 of more than 130 genera known from the Neotropics (see Fisher 2010, Pacheco & Mackay 2013, Fernandez *et al.* 2014, Schmidt & Shattuck 2014). The two most diverse genera in Peru, *Pheidole* and *Camponotus*, are cosmopolitan groups, the third-largest genus is the New World genus *Pseudomyrmex*. Also among other genera represented by more than 10 species, some are world-wide, e.g. *Dolichoderus*, *Crematogaster*, *Strumigenys*, and some are strictly American, e.g.—*Neoponera*, *Cephalotes*, *Neivamyrmex*, *Azteca* and *Acromyrmex*. In addition, some tramp species that have become established widely across the globe by human commerce are reported from Peru (e.g. *Pheidole megacephala*, *Tetramorium simillimum*).

TABLE 1. The number of named taxa per subfamily in Peru.

Subfamily	Number of genera	Number of species/subspecies
Agrocomymecinae	1	1
Amblyoponinae	1	1
Dolichoderinae	5	53
Dorylinae	8	35
Ectatomminae	3	22
Formicinae	7	86
Heteroponerinae	1	1
Myrmicinae	33	273
Paraponerinae	1	1
Ponerinae	14	71
Proceratiinae	1	1
Pseudomyrmecinae	1	47

TABLE 2. The number of named species/subspecies of ants per genus in Peru.

Genus	No of species/subspecies
<i>Pheidole</i>	86
<i>Camponotus</i>	73
<i>Pseudomyrmex</i>	47
<i>Neoponera</i>	29
<i>Dolichoderus</i>	26
<i>Cephalotes</i>	25
<i>Crematogaster</i>	23
<i>Strumigenys</i>	21
<i>Gnamptogenys</i>	16
<i>Azteca</i>	15
<i>Neivamyrmex</i>	14
<i>Acromyrmex</i>	12
<i>Solenopsis</i>	12
<i>Megalomyrmex</i>	10
<i>Procryptocerus</i>	10
<i>Apterostigma</i>	9
<i>Eciton</i>	9
<i>Odontomachus</i>	9
<i>Octostruma</i>	7
<i>Pachycondyla</i>	6
<i>Leptogenys</i>	6
<i>Linepithema</i>	6
<i>Nesomyrmex</i>	6
<i>Basiceros</i>	5
<i>Carebara</i>	5
<i>Dorymyrmex</i>	5
<i>Myrmicocrypta</i>	5

.....continued on the next page

TABLE 2. (Continued)

Genus	No of species/subspecies
<i>Rasopone</i>	5
<i>Rogeria</i>	5
<i>Acropyga</i>	4
<i>Cylindromyrmex</i>	4
<i>Ectatomma</i>	4
<i>Acanthognathus</i>	3
<i>Acanthostichus</i>	3
<i>Atta</i>	3
<i>Cyphomyrmex</i>	3
<i>Dinoponera</i>	3
<i>Hylomyrma</i>	3
<i>Myrmelachista</i>	3
<i>Nylanderia</i>	3
<i>Pseudoponera</i>	3
<i>Tetramorium</i>	3
<i>Anochetus</i>	2
<i>Daceton</i>	2
<i>Eurhopalothrix</i>	2
<i>Hypoponera</i>	2
<i>Labidus</i>	2
<i>Mycocepurus</i>	2
<i>Platythyrea</i>	2
<i>Typhlomyrmex</i>	2
<i>Wasmannia</i>	2
<i>Acanthoponera</i>	1
<i>Adelomyrmex</i>	1
<i>Allomerus</i>	1
<i>Brachymyrmex</i>	1
<i>Cerapachys</i>	1
<i>Cheliomyrmex</i>	1
<i>Cryptopone</i>	1
<i>Gigantiops</i>	1
<i>Kalathomyrmex</i>	1
<i>Lachnomyrmex</i>	1
<i>Mayaponera</i>	1
<i>Nomamyrmex</i>	1
<i>Ochetomyrmex</i>	1
<i>Oxyepoecus</i>	1
<i>Paraponera</i>	1
<i>Paratrechina</i>	1
<i>Pogonomyrmex</i>	1
<i>Prionopelta</i>	1

.....continued on the next page

TABLE 2. (Continued)

Genus	No of species/subspecies
<i>Probolomyrmex</i>	1
<i>Simopelta</i>	1
<i>Stegomyrmex</i>	1
<i>Tapinoma</i>	1
<i>Tatuidris</i>	1
<i>Thaumatomyrmex</i>	1
<i>Tranopelta</i>	1

Contrasting Peruvian ecoregions contain contrasting ant faunas. Tropical humid forest species, e.g. *Paraponera clavata*, *Pachycondyla crassinoda*, *Eciton burchellii* and *Camponotus sericeiventris*, have been reported chiefly from the central and eastern parts of the country that comprise the most forested areas of Peru—east-facing slopes of the Andes and the adjacent Amazonian lowlands. The species of drier habitats have been recorded mainly in western coastal desert and highland steppes. They include, among others, the highly resilient species *Solenopsis gayi* and *Dorymyrmex chilensis*, found in the extremely arid Naszca Plain (Heatwole 1996), and *Pheidole weiseri*, collected in the desert near Yanque, above 3,300m elevation (Antweb 2015). The records of *Camponotus bruchi* and *Camponotus bruchi titicacensis* from Lake Titicaca, at 3812m elevation are the highest reliable elevation records for ants in Peru. Since the occurrence of ants at elevations to 4500m a.s.l. has been reported from some parts of the Andes (Chile, see Antweb 2015) it may be that ants will also be found above 4000m in Peru. However, owing to the generally observed pattern of rapid decrease of species richness or absence of ants at high elevations (e.g. Weber 1943, Kuznesov 1957, Janzen 1973, Sanders 2002, Delgado *et al.* 2008, Dunn *et al.* 2010) such findings would be rather sporadic.

Peru shares the majority of its ant fauna with other Neotropical countries, but there is a subset that is known only from Peru. Peru is the type locality for 147 species/subspecies. Of these, 69 have been reported only from Peru. It may reflect actual endemism or be a consequence of incomplete sampling throughout the Neotropics. That endemism may only be apparent in some cases is supported by the fact that the endemic taxa are often known from Madre de Dios, Cusco or Huanuco, the most species-rich and most surveyed regions.

The number of species/subspecies for individual regions is highest in Madre de Dios with 245 (more than 41% of the total fauna), followed by Huanuco with 109 (more than 18%), and Cusco with 104 (almost 18%) (for details see Figure 1). These results may not be entirely due to real diversity patterns but may instead reflect, at least in part, the distribution of sampling effort. However, several studies conducted in these regions reveal a very high species richness of the local ant fauna (e.g. Verhaagh *et al.* 1990, Alonso *et al.* 2001).

It can be assumed that some taxa have yet to be found in Peru. The genera *Discothyrea*, *Mycetosoritis* and *Sericomyrmex* have already been reported, but the species identity of voucher specimens needs to be confirmed (Antweb 2015). Additionally, the occurrence of some other genera, e.g. *Heteroponera* or *Proceratium*, might be expected in Peru on the basis of their distribution (Table 3). However, according to models predicting as yet unknown generic records in various regions, only a low number of genera remains to be discovered in Peru (Guenard *et al.* 2012).

The results of our research reveal the rapidly increasing exploration of the Peruvian ant fauna. The first checklist of Peruvian ants, published by Escalante Gutiérrez (1993), contained 273 species and subspecies in 62 genera and seven subfamilies. During one decade the number of species/subspecies rose by almost 22% to 332 species and subspecies in 55 genera and 11 subfamilies (Fernandez & Sendoya 2004). And during the further ten years, this list has grown by more than 78% to 592 species and subspecies presented in this study. Although the data above are not fully comparable owing to taxonomic changes that might lead to their distortion, they clearly show a trend of increasing interest of myrmecologists in Peruvian ants.

The number of ant species and subspecies presented here for Peru is far below the amount reported for Brazil, but comparable with the data from the other neighboring countries (Table 4) and also for Paraguay (541; Wild 2007a, 2015). The list proposed here is certainly not definitive. Discovery and description of additional taxa and also taxonomic changes will surely lead to its expansion in the future.

TABLE 3. Genera not currently known from Peru but expected to occur there based on geographic proximity of additional records, and genera (in bold) known to occur in Peru based on unidentified morphospecies in AntWeb.

Taxon	Known distribution
<i>Asphinctanilloides</i>	Central Amazon and South-Eastern Brazil (Brandão <i>et al.</i> 1999)
<i>Bariamyrmex</i>	The only species <i>B. hispidula</i> Lattke, 1990 known from Costa Rica (Antweb 2015), Venezuela (Lattke 1990) and Paraguay (Wild 2007a, Wild 2015)
<i>Belonopelta</i>	Colombia (Fernandez & Sendoya 2004)
<i>Centromyrmex</i>	<i>Centromyrmex alfaroi</i> Emery, 1890 Bolivia, Brazil, Costa Rica (Fernandez & Sendoya 2004)
Discothyrea	Colombia (Fernandez & Arias-Penna 2008), Paraguay (Wild 2007a, Wild 2015) etc., morphospecies in Peru (Antweb 2015)
<i>Heteroponera</i>	Bolivia, Brazil, Chile, Colombia etc. (Fernandez & Arias-Penna 2008)
<i>Kempfidris</i>	Ecuador (Fernandez <i>et al.</i> 2014)
<i>Lenomyrmex</i>	Colombia, Ecuador etc. (Fernandez Sendoya 2004)
<i>Leptanilloides</i>	Bolivia (Fernandez & Sendoya 2004), Ecuador (Fernandez & Sendoya 2004; Donoso <i>et al.</i> 2006) etc.
<i>Monomorium</i>	Ecuador, Colombia (Fernandez Sendoya 2004)
<i>Mycetophylax</i>	Bolivia, Colombia (Fernandez & Sendoya 2004)
Mycetosoritis	Morphospecies in Peru (Antweb 2015)
<i>Proceratium</i>	Colombia (Baroni Urbani & de Andrade 2003), Ecuador (Fernandez Sendoya 2004)
<i>Protalaridris</i>	Ecuador, Colombia (Fernandez & Sendoya 2004)
<i>Rhopalothrix</i>	Brazil, Colombia (Fernandez & Sendoya 2004)
Sericomyrmex	Bolivia, Colombia (Fernandez & Sendoya 2004), morphospecies in Peru (Antweb 2015)
<i>Stenamma</i>	Colombia (Fernandez & Sendoya 2004)
<i>Stigmatomma</i>	Brazil, Chile, Colombia etc. (Fernandez Arias-Penna 2008)

TABLE 4. The number of ant taxa reported by recent sources from Peru and neighbouring countries.

	Fernandez & Sendoya (2004)			AntWiki (2015a–e)		
	Subfamilies	Genera	Species/subspecies	Subfamilies	Genera	Species/subspecies
Bolivia	13	65	324	11	67	415
Brazil	14	95	1159	13	111	1458
Chile	10	24	60	8	24	73
Colombia	12	73	556	12	90	752
Ecuador	12	52	235	12	90	647
Peru	11	55	332	11	65	441

A checklist of the ants of Peru

Abbreviations of regions (*regiones*) of Peru (Fig. 1) used in the list: Am–Amazonas; An–Ancash; Ap–Apurimac; Ar–Arequipa; Ca–Cajamarca; Cu–Cusco; Hu–Huanuco; Ica–Ica; Ju–Junin; La–Lambayeque; Li–Lima; LL–La Libertad; Lo–Loreto; MD–Madre de Dios; Pa–Pasco; Pi–Piura; Pu–Puno; SM–San Martin; Tu–Tumbes; Uc–Ucayali. Other abbreviations: t. l.–type locality; OP–known only from Peru.



FIGURE 1. The number of named ant species/subspecies recorded in the individual regions of Peru.

Agroecomyrmecinae

- 1 *Tatuidris tatusia* Brown & Kempf, 1968: Cu (Donoso 2012, Antweb 2015); Hu (Antweb 2015).

Amblyoponinae

- 2 *Prionopelta antillana* Forel, 1909: Ju; MD (Antweb 2015).

Dolichoderinae

- 3 *Azteca alfari* Emery, 1893: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Longino 1989, Antweb 2015).
 4 *Azteca aurita* Emery, 1893: Cu (Escalante Gutiérrez 1993); MD (Antweb 2015).
 5 *Azteca australis* Wheeler W. M., 1942: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu; MD (Antweb 2015); Callanga (t. l.).
 6 *Azteca bequaerti* Wheeler W. M. & Bequaert, 1929: MD (Antweb 2015).
 7 *Azteca depilis* Emery, 1893: MD (Antweb 2015).

- 8 *Azteca emeryi* Forel, 1904: MD (Antweb 2015).
- 9 *Azteca flavigaster* Longino, 2007: SM (Antweb 2015).
- 10 *Azteca instabilis* (Smith F., 1862): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 11 *Azteca jelskii* Emery, 1893: MD; SM (Longino 2007).
- 12 *Azteca muelleri* Emery, 1893: Cu (Antweb 2015).
- 13 *Azteca ovaticeps* Forel, 1904: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Longino 1989, Antweb 2015).
- 14 *Azteca petalocephala* Longino, 1991: Cu (Antweb 2015).
- 15 *Azteca tachigaliae* Forel, 1904: Peru (Shattuck 1994, Fernandez & Sendoya 2004, Bolton *et al.* 2007); SM (t. l., Kempf 1972a, Escalante Gutiérrez 1993). OP
- 16 *Azteca trailii filicis* Forel, 1904: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Lo (t. l., Kempf 1972a).
- 17 *Azteca trailii tococae* Forel, 1904: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 18 *Dolichoderus abruptus* (Smith F., 1858): Peru (Kempf 1972b, Escalante Gutiérrez 1993, Mackay 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 19 *Dolichoderus andinus* (Kempf, 1962): Peru (Mackay 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Pichita, Caluga (t. l., Kempf 1972a, Escalante Gutiérrez 1993, Mackay 1993).
- 20 *Dolichoderus attelaboides* (Fabricius, 1775): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Mackay 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Lo (Antweb 2015); MD (Tobin 1998).
- 21 *Dolichoderus bidens* (Linnaeus, 1758): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Mackay 1993); Hu (Antweb 2015); MD (Tobin 1998).
- 22 *Dolichoderus bispinosus* (Olivier, 1792): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Mackay 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Tobin 1998, Antweb 2015).
- 23 *Dolichoderus cogitans* Forel, 1912: Peru (Mackay 1993).
- 24 *Dolichoderus debilis* Emery, 1890: Peru (Escalante Gutiérrez 1993, Mackay 1993); Ju (Kempf 1972b); MD (Antweb 2015).
- 25 *Dolichoderus decollatus* Smith F., 1858: Peru (Kempf 1972a, Mackay 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (Escalante Gutiérrez 1993); “Loreto: Pucallpa” (Antweb 2015); MD (Tobin 1998).
- 26 *Dolichoderus diversus* Emery, 1894: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Mackay 1993); MD (Tobin 1998).
- 27 *Dolichoderus ferrugineus* Forel, 1903: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Mackay 1993); Middle Rio Ucayali (Antweb 2015).
- 28 *Dolichoderus ghilianii* Emery, 1894: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Mackay 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 29 *Dolichoderus imitator* Emery, 1894: Peru (Mackay 1993); Yurac (Antweb 2015).
- 30 *Dolichoderus lamellosus* (Mayr, 1870): Peru (Mackay 1993).
- 31 *Dolichoderus lobicornis* (Kempf, 1959): Peru (Brandão 1991, Shattuck 1994); MD (Mackay 1993).
- 32 *Dolichoderus lugens* Emery, 1894: Peru (Mackay 1993).
- 33 *Dolichoderus lutosus* (Smith F., 1858): Cu (Escalante Gutiérrez 1993, Mackay 1993); MD (Tobin 1998).
- 34 *Dolichoderus mesonotalis* Forel, 1907: Peru (Mackay 1993, Bolton *et al.* 2007); Callanga (Kempf 1972a, Escalante Gutiérrez 1993, Mackay 1993, Shattuck 1994); Cu; MD (Mackay 1993); SM (Antweb 2015).
- 35 *Dolichoderus mucronifer* (Roger, 1862): Peru (Shattuck 1994); Middle Rio Ucayali (Mackay 1993).
- 36 *Dolichoderus quadridenticulatus* (Roger, 1862): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Mackay 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu (Antweb 2015).
- 37 *Dolichoderus rosenbergi* Forel, 1911: Hu (Antweb 2015); Lo (Mackay 1993, Antweb 2015); Northern Peru (Mackay 1993).
- 38 *Dolichoderus rugosus* (Smith F., 1858): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Mackay 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); SM (Antweb 2015).
- 39 *Dolichoderus schulzi* Emery, 1894: Peru (Shattuck 1994); MD (Mackay 1993).
- 40 *Dolichoderus septemspinus* Emery, 1894: Peru (Brandão 1991, Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Mackay 1993).

- 41 *Dolichoderus spinicollis* (Latreille, 1817): Lo (Antweb 2015).
- 42 *Dolichoderus spurius* Forel, 1903: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Mackay 1993, Shattuck 1994, Bolton *et al.* 2007); SM (Antweb 2015).
- 43 *Dolichoderus tristis* Mann, 1916: Peru (Brandão 1991, Shattuck 1994, Bolton *et al.* 2007); MD (Mackay 1993).
- 44 *Dorymyrmex bicolor* Wheeler W. M., 1906: Li (Cuezzo & Guerrero 2012).
- 45 *Dorymyrmex biconis* Forel, 1912: Tu (Cuezzo & Guerrero 2012).
- 46 *Dorymyrmex chilensis* Forel, 1911: Ica (Heatwole 1996).
- 47 *Dorymyrmex pyramicus* (Roger, 1863): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 48 *Dorymyrmex pyramicus peruvianus* Wheeler W. M., 1919: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Pi (t. l., Kempf 1972a, Escalante Gutiérrez 1993, Shattuck 1994). OP
- 49 *Linepithema angulatum* (Emery, 1894): Peru (Fernandez & Sendoya 2004); Hu; Li; Lo (Wild 2007b, Antweb 2015).
- 50 *Linepithema fuscum* Mayr, 1866: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Am; Cu; Hu; MD (Wild 2007b, Antweb 2015); Li (t. l., Kempf 1972a, Shattuck 1994, Wild 2007b).
- 51 *Linepithema gallardoi* (Brèthes, 1914): Am; Cu; Hu (Wild 2007b, Antweb 2015).
- 52 *Linepithema humile* (Mayr, 1868): Peru (Soukup 1943, Escalante Gutiérrez 1993); Li (Wild 2007b, Antweb 2015).
- 53 *Linepithema iniquum* (Mayr, 1870): Cu; Pa (Wild 2007b, Antweb 2015).
- 54 *Linepithema neotropicum* Wild, 2007: Ca; Ju; SM (Wild 2007b, Antweb 2015).
- 55 *Tapinoma melanocephalum* (Fabricius, 1793): Peru (Escalante Gutiérrez 1993, Wetterer 2009); between Viru River and La Leche River (Pardo 1964).

Dorylinae

- 56 *Acanthostichus concavinodis* Mackay, 1996: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 57 *Acanthostichus kirbyi* Emery, 1895: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Mackay 1996).
- 58 *Acanthostichus quadratus* Emery, 1895: Peru (Escalante Gutiérrez 1993—considers as uncertain, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu; MD (Mackay 1996).
- 59 *Cerapachys neotropicus* Weber, 1939: Hu (Antweb 2015).
- 60 *Cheliomyrmex andicola* Emery, 1894: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); An (t. l., Kempf 1972a); Ap (Antweb 2015).
- 61 *Cylindromyrmex boliviae* Wheeler W. M., 1924: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 62 *Cylindromyrmex brevitarsus* Santschi, 1925: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 63 *Cylindromyrmex striatus* Mayr, 1870: Peru (Kempf 1972a, Escalante Gutiérrez 1993); between Viru River and La Leche River (Pardo 1964).
- 64 *Cylindromyrmex whympersi* (Cameron, 1891): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 65 *Eciton burchellii* (Westwood, 1842): Chaquimayo (Wheeler 1925); Cu (Escalante Gutiérrez 1993); Hu; Lo; MD (Antweb 2015).
- 66 *Eciton burchellii cupiens* Santschi, 1923: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Bolton *et al.* 2007).
- 67 *Eciton drepanophorum* Smith F., 1858: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 68 *Eciton hamatum* (Fabricius, 1782): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu (Antweb 2015).
- 69 *Eciton lucanoides* Emery, 1894: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); SM (t. l., Kempf 1972a, Escalante Gutiérrez 1993, Antweb 2015).
- 70 *Eciton mexicanum* Roger, 1863: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 71 *Eciton quadriglume* (Haliday, 1836): Peru (Kempf 1972a, Fernandez & Sendoya 2004, Bolton *et al.* 2007);

- Cu; MD (Escalante Gutiérrez 1993).
- 72 *Eciton rapax* Smith F., 1855: Peru (Kempf 1972a, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Chaquimayo (Wheeler 1925); Hu (Antweb 2015); MD (Escalante Gutiérrez 1993, Ramírez & Cameron 2003); Pu (Soukup 1943).
- 73 *Eciton setigaster* Borgmeier, 1953: Peru (Kempf 1972a, Escalante Gutiérrez 1993).
- 74 *Labidus coecus* (Latreille, 1802): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 75 *Labidus praedator* (Smith F., 1858): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Chaquimayo (Wheeler 1925); MD (Antweb 2015).
- 76 *Neivamyrmex bohlsi* (Emery, 1896): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 77 *Neivamyrmex clavifemur* Borgmeier, 1953: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 78 *Neivamyrmex cristatus* (André, 1889): Peru (Kempf 1972a, Escalante Gutiérrez 1993).
- 79 *Neivamyrmex curvinotus* Watkins, 1994: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (t. l.). OP
- 80 *Neivamyrmex emeryi* (Santschi, 1921): Peru (Kempf 1972a, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (Escalante Gutiérrez 1993).
- 81 *Neivamyrmex falcifer* (Emery, 1900): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004—in all three sources as *falciferus*, Bolton *et al.* 2007).
- 82 *Neivamyrmex imbellis* (Emery, 1900): Peru (t. l., Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 83 *Neivamyrmex inca* (Santschi, 1921): Peru (t. l., Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007). OP
- 84 *Neivamyrmex nordenskioldii* (Holmgren, 1908): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); between Viru River and La Leche River (Pardo 1964—misspelled as *nordenskioldi*); La (Escalante Gutiérrez 1993—misspelled as *nordenskioldi*); Pu (t. l., Kempf 1972a, Escalante Gutiérrez 1993—both misspelled as *nordenskioldi*). OP
- 85 *Neivamyrmex pacificus* Borgmeier, 1955: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); between Viru River and La Leche River (Pardo 1964); Cu; La (Escalante Gutiérrez 1993); LL (t. l., Kempf 1972a, Escalante Gutiérrez 1993). OP
- 86 *Neivamyrmex pertii* (Shuckard, 1840): Cu (Escalante Gutiérrez 1993).
- 87 *Neivamyrmex pilosus* (Smith F., 1858): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 88 *Neivamyrmex radoszkowskii* (Emery, 1900): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Tu (t. l., Kempf 1972a, Escalante Gutiérrez 1993).
- 89 *Neivamyrmex walkerii* (Westwood, 1842): Peru (Kempf 1972a, Escalante Gutiérrez 1993—misspelled as *walkeri*, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 90 *Nomamyrmex hartigii* (Westwood, 1842): Cu (Escalante Gutiérrez 1993—misspelled as *hartigi*); MD (Antweb 2015).

Ectatomminae Emery, 1895

- 91 *Ectatomma brunneum* Smith F., 1858: Peru (Kempf 1972a, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu; MD (Escalante Gutiérrez 1993).
- 92 *Ectatomma edentatum* Roger, 1863: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007, Antweb 2015).
- 93 *Ectatomma lugens* Emery, 1894: Peru (Brandão 1991); MD (Antweb 2015).
- 94 *Ectatomma tuberculatum* (Olivier, 1792): Cu (Escalante Gutiérrez 1993); Lo; MD (Antweb 2015).
- 95 *Gnamptogenys acuta* (Brown, 1956): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu (Antweb 2015); MD (Tobin 1998).

- 96 *Gnamptogenys annulata* (Mayr, 1887): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu; SM (Antweb 2015).
- 97 *Gnamptogenys boliviensis* Lattke, 1995: Hu (Antweb 2015).
- 98 *Gnamptogenys concinna* (Smith F., 1858): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Tobin 1998).
- 99 *Gnamptogenys continua* (Mayr, 1887): Peru (Fernandez & Sendoya 2004); Callanga (Kempf 1972a, Escalante Gutiérrez 1993, Bolton *et al.* 2007, Antweb 2015).
- 100 *Gnamptogenys falcifera* Kempf, 1967: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu (t. l., Kempf 1972a, Escalante Gutiérrez 1993).
- 101 *Gnamptogenys haenschei* (Emery, 1902): Peru (Kempf 1972a, Escalante Gutiérrez 1993—both misspelled as haenschi, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Lo; MD (Antweb 2015).
- 102 *Gnamptogenys hartmani* (Wheeler W. M., 1915): Peru (Bolton *et al.* 2007); Ju (Kempf 1972a, Escalante Gutiérrez 1993).
- 103 *Gnamptogenys horni* (Santschi, 1929): MD (Antweb 2015).
- 104 *Gnamptogenys mina* (Brown, 1956): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 105 *Gnamptogenys pleurodon* (Emery, 1896): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Yurac (Antweb 2015).
- 106 *Gnamptogenys porcata* (Emery, 1896): MD (Antweb 2015).
- 107 *Gnamptogenys rastrata* (Mayr, 1866): Pu (Wheeler 1925).
- 108 *Gnamptogenys regularis* Mayr, 1870: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 109 *Gnamptogenys striatula* Mayr, 1884: MD (Antweb 2015).
- 110 *Gnamptogenys tortuolosa* (Smith F., 1858): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 111 *Typhlomyrmex pusillus* Emery, 1894: Peru (Kempf 1972a, Escalante Gutiérrez 1993).
- 112 *Typhlomyrmex rogenhoferi* Mayr, 1862: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Chaquimayo (Wheeler 1925); Lo (Antweb 2015).

Formicinae

- 113 *Acropyga donisthorpei* Weber, 1944: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Lo; MD (LaPolla 2004).
- 114 *Acropyga fuhrmanni* (Forel, 1914): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 115 *Acropyga hirsutula* LaPolla, 2004: Peru (Bolton *et al.* 2007); Hu (t. l.).
- 116 *Acropyga smithii* Forel, 1893: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (LaPolla 2004).
- 117 *Brachymyrmex myops* Emery, 1906: SM (Antweb 2015).
- 118 *Camponotus apicalis* (Mann, 1916): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Am; MD (Fernandez 2002); Hu (Mackay, in prep.).
- 119 *Camponotus atriceps* (Smith F., 1858): Peru (Kempf 1972a, Escalante Gutiérrez 1993).
- 120 *Camponotus banghaasi* Emery, 1903: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (t. l., Kempf 1972a, Escalante Gutiérrez 1993, Mackay, in prep., Antweb 2015); Hu (Mackay, in prep., Antweb 2015). OP
- 121 *Camponotus branneri* (Mann, 1916): MD (Mackay, in prep.).
- 122 *Camponotus bruchi* Forel, 1912: Cu (Escalante Gutiérrez 1993); Pu (Antweb 2015).
- 123 *Camponotus bruchi titicacensis* Emery, 1920: Peru (Bolton *et al.* 2007); Pu (t. l., Kempf 1972a, Escalante Gutiérrez 1993). OP
- 124 *Camponotus cacticus* Emery, 1903: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (Kempf 1972a, Escalante Gutiérrez 1993, Mackay, in prep., Antweb 2015); Hu (Mackay, in prep., Antweb 2015); Lo; MD (Mackay, in prep.); Marcapata (t. l., Antweb 2015).
- 125 *Camponotus callistus bradleyi* Wheeler W. M., 1934: Peru (Bolton *et al.* 2007); Lo (t. l., Kempf 1972a, Escalante Gutiérrez 1993).
- 126 *Camponotus cameroni* Forel, 1892: Hu (Antweb 2015); Li (Forel 1892).

- 127 *Camponotus canescens* Mayr, 1870: Uc (Antweb 2015).
- 128 *Camponotus chartifex* (Smith F., 1860): Peru (Fernandez 2002); Hu (Mackay, in prep.).
- 129 *Camponotus chilensis* (Spinola, 1851): Peru (Kempf 1972a, Escalante Gutiérrez 1993—denoted with “?” in the text, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (Mackay, in prep.).
- 130 *Camponotus circularis rufitibia* Emery, 1920: Peru (Bolton *et al.* 2007); Cu (t. l., Kempf 1972a, Escalante Gutiérrez 1993); Vilcanota (Antweb 2015). OP
- 131 *Camponotus coloratus* Forel, 1904: Hu; Pu (Mackay, in prep.).
- 132 *Camponotus convexiclypeus* Mackay, 1997: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu (t. l., Mackay 1997, 2004, Antweb 2015). OP
- 133 *Camponotus coptobregma* Kempf, 1968: MD (Mackay, in prep.).
- 134 *Camponotus cuneidorsus* Emery, 1920: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Callanga (t. l., Kempf 1972a, Antweb 2015); “Cusco: Callanga” (Escalante Gutiérrez 1993), “Lima: Callanga” (Mackay, in prep.).
- 135 *Camponotus depressus* Mayr, 1866: Peru (Brandão 1991).
- 136 *Camponotus distinguendus* (Spinola, 1851): Peru (Snelling & Hunt 1975, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 137 *Camponotus fastigatus* Roger, 1863: Cu (Mackay, in prep.).
- 138 *Camponotus femoratus* (Fabricius, 1804): Peru (Kempf 1972a, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (Escalante Gutiérrez 1993, Mackay, in prep.); Lo (Mackay, in prep., Antweb 2015); MD (Mackay, in prep., Antweb 2015); Uc (Mackay, in prep.).
- 139 *Camponotus formiciformis* Forel, 1885: Pu (Mackay, in prep.).
- 140 *Camponotus fuscocinctus* Emery, 1888: Cu (Mackay, in prep.).
- 141 *Camponotus haematocephalus* Emery, 1903: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (t. l., Kempf 1972a, Escalante Gutiérrez 1993, Mackay, in prep., Antweb 2015). OP
- 142 *Camponotus heathi* Mann, 1916: Peru (Brandão 1991); Ju (Antweb 2015); MD (Tobin 1998).
- 143 *Camponotus helleri* Emery, 1903: Peru (Fernandez & Sendoya 2004); Cu (t. l., Kempf 1972a, Escalante Gutiérrez 1993).
- 144 *Camponotus hippocrepis* Emery, 1920: SM (Antweb 2015).
- 145 *Camponotus humeralis* Emery, 1920: Peru (Bolton *et al.* 2007); Callanga (t. l., Kempf 1972a, Antweb 2015); Cu (Escalante Gutiérrez 1993).
- 146 *Camponotus inca* Emery, 1903: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (t. l., Kempf 1972a, Escalante Gutiérrez 1993, Mackay, in prep.); Ica (Mackay, in prep.); Vilcanota (Antweb 2015).
- 147 *Camponotus integellus* Forel, 1899: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 148 *Camponotus lancifer* Emery, 1894: MD (Tobin 1998, Mackay, in prep.).
- 149 *Camponotus latangulus* Roger, 1863: Peru (Kempf 1972a, Escalante Gutiérrez 1993); Am; Cu; Hu (Mackay, in prep.); Lo (Antweb 2015); MD (Tobin 1998, Mackay, in prep.).
- 150 *Camponotus lespesii* Forel, 1886: MD (Mackay, in prep.).
- 151 *Camponotus leydigi* Forel, 1886: Cu (Escalante Gutiérrez 1993).
- 152 *Camponotus linnaei* Forel, 1886: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 153 *Camponotus longipilis* Emery, 1911: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu (t. l., Kempf 1972a, Escalante Gutiérrez 1993, Mackay, in prep., Antweb 2015); MD (Mackay 1997, 2004); Uc (Mackay, in prep.).
- 154 *Camponotus medeus* Emery, 1920: Peru (Bolton *et al.* 2007); Cu (t. l., Kempf 1972a, Escalante Gutiérrez 1993, Antweb 2015); Hu (Antweb 2015). OP
- 155 *Camponotus medeus fulvulus* Emery, 1920: Peru (Bolton *et al.* 2007); Hu (t. l., Kempf 1972a, Escalante Gutiérrez 1993). OP
- 156 *Camponotus minozzii* Emery, 1920: Peru (Bolton *et al.* 2007); Ocobamba (t. l., Kempf 1972a, Escalante Gutiérrez 1993, Antweb 2015). OP
- 157 *Camponotus mirabilis* Emery, 1903: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu: “Vilcanota Ocobamba” (t. l., Kempf 1972a, Escalante Gutiérrez 1993, Mackay 1997, 2004); Lo; “Pucalipa”; Vilcanota (Antweb 2015); MD (Mackay 1997, 2004, Davidson *et al.* 2006, Antweb 2015); Uc (Mackay 1997, 2004).

- 158 *Camponotus mocsaryi* Forel, 1902: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Lo (Antweb 2015).
- 159 *Camponotus mus mustelus* Emery, 1920: Cu (Escalante Gutiérrez 1993).
- 160 *Camponotus nidulans* (Smith F., 1860): Peru (Mackay, in prep.); Cu; Lo; MD (Fernandez 2002).
- 161 *Camponotus novogranadensis* Mayr, 1870: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Tobin 1998).
- 162 *Camponotus obtritrus* Emery, 1911: Peru (Kempf 1972a, Bolton *et al.* 2007); Cu (t. l., Escalante Gutiérrez 1993).
- 163 *Camponotus orthocephalus* Emery 1894: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu (Antweb 2015).
- 164 *Camponotus pachylepis* Emery, 1920: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (t. l., Kempf 1972a); “Puno: Marcapata” (Mackay, in prep.).
- 165 *Camponotus pittieri* Forel, 1899: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Vilcanota (Antweb 2015).
- 166 *Camponotus pittieri fuscogaster* Emery, 1920: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (t. l., Kempf 1972a). OP
- 167 *Camponotus postangulatus* Emery, 1911: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Central Peru (Mackay 1997); Hu (t. l., Kempf 1972a, Escalante Gutiérrez 1993, Mackay, in prep., Antweb 2015). OP
- 168 *Camponotus propinquellus* Emery, 1920: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Callanga (Mackay, in prep., Antweb 2015); Hu (t. l., Kempf 1972a); Li; “Ucayali, Pachitea” (Mackay, in prep.). OP
- 169 *Camponotus propinquus* Mayr, 1887: Peru (Mackay, in prep.).
- 170 *Camponotus punctulatus* Mayr, 1868: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 171 *Camponotus punctulatus andigenus* Emery, 1903: Peru (t. l., Kempf 1972a, Escalante Gutiérrez 1993, Bolton *et al.* 2007).
- 172 *Camponotus rapax* (Fabricius, 1804): Lo (Mackay, in prep.).
- 173 *Camponotus rectangularis* Emery, 1890: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Lo (Antweb 2015).
- 174 *Camponotus rectangularis sordidatus* Wheeler W. M., 1934: Peru (Bolton *et al.* 2007); Lo (t. l., Kempf 1972a, Escalante Gutiérrez 1993). OP
- 175 *Camponotus renggeri* Emery, 1894: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 176 *Camponotus rufipes* (Fabricius, 1775): Am; Ca; Cu; Hu; Ju (Mackay, in prep.); “probable in Amazonian Peru” (Escalante Gutiérrez 1993).
- 177 *Camponotus sanctaefidei* Dalla Torre, 1892: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 178 *Camponotus sanctaefidei coronatus* Santschi, 1922: Peru (Kempf 1972a, Escalante Gutiérrez 1993).
- 179 *Camponotus senex* (Smith F., 1858): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (Antweb 2015).
- 180 *Camponotus sericeiventris* (Guérin-Ménéville, 1838): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (Escalante Gutiérrez 1993).
- 181 *Camponotus sericeiventris satrapus* Wheeler W. M., 1931: Peru (Kempf 1972a, Escalante Gutiérrez 1993).
- 182 *Camponotus sexguttatus* (Fabricius, 1793): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Lo (Antweb 2015).
- 183 *Camponotus sexguttatus unitaeniatus* Wheeler W. M., 1923: Peru (Bolton *et al.* 2007); Cu (t. l., Kempf 1972a, Escalante Gutiérrez 1993). OP
- 184 *Camponotus sphenoccephalus* Emery, 1911: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu (t. l., Kempf 1972a, Escalante Gutiérrez 1993, Mackay, in prep., Antweb 2015); MD (Mackay 1997, 2004). OP
- 185 *Camponotus tonduzi* Forel, 1899: MD (Mackay, in prep.).
- 186 *Camponotus trapezoideus* Mayr, 1870: Ca; MD (Mackay, in prep.).
- 187 *Camponotus ulei* Forel, 1904: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); SM (t. l., Kempf 1972a, Escalante Gutiérrez 1993). OP
- 188 *Camponotus urichi folicola* Forel, 1904: MD (Mackay, in prep.).
- 189 *Camponotus wytsmani* Emery, 1920: Hu; MD (Mackay, in prep.).

- 190 *Camponotus zoc* Forel, 1879: Hu (Antweb 2015).
- 191 *Gigantiops destructor* (Fabricius, 1804): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Callanga; Cu; Ju; Rio Marañon, Rio Ucayali; Uc; (Escalante Gutiérrez 1993); Hu (Kempf & Lenko 1968, Antweb 2015); MD (Antweb 2015).
- 192 *Myrmelachista brevicornis* Wheeler W. M., 1934: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 193 *Myrmelachista ulei* Forel, 1904: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); SM (t. l., Kempf 1972a, Escalante Gutiérrez 1993).
- 194 *Myrmelachista zeledoni* Emery, 1896: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Longino 2006, Bolton *et al.* 2007).
- 195 *Nylanderia burgesi* (Trager, 1984): Peru (Fernandez & Sendoya 2004—misspelled as *burgessi*, Bolton *et al.* 2007); Cu (t. l., Brandão 1991). OP
- 196 *Nylanderia caeciliae elevata* (Forel, 1908): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 197 *Nylanderia staudingeri* (Forel, 1912): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (t. l., Kempf 1972a, Escalante Gutiérrez 1993). OP
- 198 *Paratrechina longicornis* (Latreille, 1802): Peru (Kempf 1972a, Fernandez & Sendoya 2004, Bolton *et al.* 2007); between Viru River and La Leche River (Pardo 1964).

Heteroponerinae

- 199 *Acanthoponera peruviana* Brown, 1958: Peru (Fernandez & Sendoya 2004); Hu (t. l., Kempf 1972a, Escalante Gutiérrez 1993, Bolton *et al.* 2007, Antweb 2015).

Myrmicinae

- 200 *Acanthognathus brevicornis* Smith M. R., 1944: MD (Antweb 2015)
- 201 *Acanthognathus ocellatus* Mayr, 1887: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 202 *Acanthognathus teledectus* Brown & Kempf, 1969: MD (Antweb 2015).
- 203 *Acromyrmex aspersus* (Smith F., 1858): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (Antweb 2015).
- 204 *Acromyrmex balzani* (Emery, 1890): Peru (Brandão 1991); SM (Everts & van der Meer 1977 in Escalante Gutiérrez 1993).
- 205 *Acromyrmex coronatus* (Fabricius, 1804): Peru (Kempf 1972a, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu; MD (Escalante Gutiérrez 1993); Lo (Ortiz & Raven 1972 in Escalante Gutiérrez 1993).
- 206 *Acromyrmex coronatus andicola* Emery, 1924: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Pu (Wheeler 1925).
- 207 *Acromyrmex coronatus panamensis* (Forel, 1899): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 208 *Acromyrmex hispidus* Santschi, 1925: Cu (Escalante Gutiérrez 1993); Hu (Dourojeanni 1965); “Montaña del Perú” (Soukup 1943).
- 209 *Acromyrmex hystrix* (Latreille, 1802): Peru (Kempf 1972a, Escalante Gutiérrez 1993).
- 210 *Acromyrmex landolti* (Forel, 1885): SM (Liceras 1968).
- 211 *Acromyrmex octospinosus inti* Wheeler W. M., 1937: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Li (t. l., Kempf 1972a, Escalante Gutiérrez 1993). OP
- 212 *Acromyrmex rugosus* (Smith F., 1858): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); SM (Escalante Gutiérrez 1993).
- 213 *Acromyrmex subterraneus* (Forel, 1893): Peru (Kempf 1972a, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Am (Soukup 1943).
- 214 *Acromyrmex subterraneus peruvianus* Borgmeier, 1940: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); between Viru River and La Leche River (Pardo 1964); Cu (t. l., Kempf 1972a, Escalante Gutiérrez 1993). OP

- 215 *Adelomyrmex striatus* Fernández, 2003: Lo; MD (Antweb 2015).
- 216 *Allomerus octoarticulatus* Mayr, 1878: Lo (Antweb 2015); MD (Tobin 1998, Arauco *et al.* 2006, Antweb 2015).
- 217 *Apterostigma andense* Lattke, 1997: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 218 *Apterostigma bolivianum* Weber, 1938: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Lo (Lattke 1997).
- 219 *Apterostigma depressum* Lattke, 1997: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 220 *Apterostigma ierense* Weber, 1937: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 221 *Apterostigma madidiense* Weber, 1938: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu (Lattke 1997).
- 222 *Apterostigma megacephala* Lattke, 1999: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (t. l., Lattke 1999).
- 223 *Apterostigma peruvianum* Wheeler W. M., 1925: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); “Loreto, Llinquipata” (Kempf 1972a, Escalante Gutiérrez 1993); Pu (t. l., Lattke 1997).
- 224 *Apterostigma spiculum* Lattke, 1997: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Pa (t. l.). OP
- 225 *Apterostigma tropicoxa* Lattke, 1997: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Lo (Lattke 1997).
- 226 *Atta cephalotes* (Linnaeus, 1758): Peru (Kempf 1972a, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Ca (Jaen Dourojeanni in Escalante Gutiérrez 1993); Chaquimayo (Wheeler 1925); Cu (Escalante Gutiérrez 1993); Hu (Dourojeanni 1965, Ortiz & Raven 1972 in Escalante Gutiérrez 1993); Ju (Soukup 1943); Lo (Ortiz & Raven 1972 in Escalante Gutiérrez 1993); MD (Escalante Gutiérrez 1993, Antweb 2015); SM (Dourojeanni 1965).
- 227 *Atta sexdens* (Linnaeus, 1758): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (Carrasco 1962, Escalante Gutiérrez 1993); Hu (Ortiz & Raven 1972 in Escalante Gutiérrez 1993); Ju (Soukup 1943).
- 228 *Atta vollenweideri* Forel, 1893: Peru (Kempf 1972a, Escalante Gutiérrez 1993).
- 229 *Basiceros conjugans* Brown, 1974: Cu (Antweb 2015).
- 230 *Basiceros disciger* (Mayr, 1887): Hu (Antweb 2015).
- 231 *Basiceros militaris* (Weber, 1950): MD (Antweb 2015).
- 232 *Basiceros scambognathus* (Brown, 1949): SM (Antweb 2015).
- 233 *Basiceros singularis* (Smith, F., 1858): Cu; MD (Antweb 2015).
- 234 *Carebara anophthalma* (Emery, 1906): Peru (Bolton *et al.* 2007); Lo (Fernandez 2004); MD (Antweb 2015).
- 235 *Carebara arabara* Fernández, 2010: Li; SM (Fernandez 2004, Bolton *et al.* 2007—both as *Carebara striata* Fernández, 2004, junior secondary homonym of *Carebara striatus* Xu, 2003).
- 236 *Carebara inca* Fernández, 2004: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (t. l., Antweb 2015).
- 237 *Carebara peruviana* (Emery, 1906): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (t. l., Kempf 1972a, Brandão 1991, Escalante Gutiérrez 1993, Antweb 2015). OP
- 238 *Carebara urichi* (Wheeler W. M., 1922): Peru (Bolton *et al.* 2007); MD (Fernandez 2004, Antweb 2015).
- 239 *Cephalotes adolphi* (Emery, 1906): Peru (Kempf 1972a, Escalante Gutiérrez 1993).
- 240 *Cephalotes atratus* (Linnaeus, 1758): Peru (Kempf 1972a, Fernandez & Sendoya 2004, Bolton *et al.* 2007); An; Azupizu, Cam. del Pechis; Pu (Andrade & Baroni Urbani 1999); Cu; Hu; Ju; Lo (Andrade & Baroni Urbani 1999, Antweb 2015); MD (Ortiz & Raven 1972 in Escalante Gutiérrez 1993, Andrade & Baroni Urbani 1999); Uc (Ortiz & Raven 1972 in Escalante Gutiérrez 1993, Andrade & Baroni Urbani 1999, Antweb 2015); Yurac (Antweb 2015).
- 241 *Cephalotes clypeatus* (Fabricius, 1804): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cumbace (Andrade & Baroni Urbani 1999); Hu; MD (Ortiz & Raven 1972 in Escalante Gutiérrez 1993).
- 242 *Cephalotes complanatus* (Guérin-Ménéville, 1844): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (Andrade & Baroni Urbani 1999).
- 243 *Cephalotes cordatus* (Smith F., 1853): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Ju (Andrade & Baroni Urbani 1999).
- 244 *Cephalotes cordiae* (Stitz, 1913): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Andrade & Baroni Urbani 1999).

- 245 *Cephalotes dentidorsum* de Andrade, 1999: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Ju (t. l., Andrade & Baroni Urbani 1999).
- 246 *Cephalotes depressus* (Klug, 1824): Yurac (Antweb 2015).
- 247 *Cephalotes foliaceus* (Emery, 1906): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu (Kempf 1972a, Escalante Gutiérrez 1993, Antweb 2015); Ju (Andrade & Baroni Urbani 1999); Pachitea River (t. l., Andrade & Baroni Urbani 1999).
- 248 *Cephalotes inca* (Santschi, 1911): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); between Viru River and La Leche River (Pardo 1964); Ca; La; Tu (Andrade & Baroni Urbani 1999); La Masa (t. l., Andrade & Baroni Urbani 1999); Peru: North (Kempf 1972a); Pi (Andrade & Baroni Urbani 1999, Antweb 2015).
- 249 *Cephalotes maculatus* (Smith F., 1876): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu (Antweb 2015); Ju (Andrade & Baroni Urbani 1999).
- 250 *Cephalotes manni* (Kempf, 1951): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Andrade & Baroni Urbani 1999).
- 251 *Cephalotes minutus* (Fabricius, 1804): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Andrade & Baroni Urbani 1999).
- 252 *Cephalotes opacus* Santschi, 1920: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Callanga (Andrade & Baroni Urbani 1999); Hu; Lo (Antweb 2015); MD (Andrade & Baroni Urbani 1999, Antweb 2015).
- 253 *Cephalotes pallidus* Andrade, 1999: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Andrade & Baroni Urbani 1999).
- 254 *Cephalotes pavonii* (Latreille, 1809): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu; Ju; Lo; MD (Andrade & Baroni Urbani 1999); Hu (Antweb 2015).
- 255 *Cephalotes peruviensis* de Andrade, 1999: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (t. l.).
- 256 *Cephalotes placidus* (Smith F., 1860): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Lo (Andrade & Baroni Urbani 1999, Antweb 2015); “Loreto: Pucallpa” (Andrade & Baroni Urbani 1999); Uc; Yurac (Antweb 2015).
- 257 *Cephalotes pusillus* (Klug, 1824): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Ca; Lo (Andrade & Baroni Urbani 1999); Cu (Escalante Gutiérrez 1993, Andrade & Baroni Urbani 1999); Ju (Andrade & Baroni Urbani 1999, Antweb 2015).
- 258 *Cephalotes ramiphilus* (Forel, 1904): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu (Andrade & Baroni Urbani 1999).
- 259 *Cephalotes serraticeps* (Smith F., 1858): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Andrade & Baroni Urbani 1999, Antweb 2015).
- 260 *Cephalotes similimus* (Kempf, 1951): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Andrade & Baroni Urbani 1999).
- 261 *Cephalotes spinosus* (Mayr, 1862): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu; Hu; Ju (Andrade & Baroni Urbani 1999, Antweb 2015); Lo; Uc (Antweb 2015).
- 262 *Cephalotes trichophorus* de Andrade, 1999: Peru (t. l., Fernandez & Sendoya 2004).
- 263 *Cephalotes umbraculatus* (Fabricius, 1804): Peru (Kempf 1972a, Escalante Gutiérrez 1993); Ju; Li (Andrade & Baroni Urbani 1999).
- 264 *Crematogaster acuta* (Fabricius, 1804): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Lo; MD (Longino 2003, Antweb 2015).
- 265 *Crematogaster arcuata* Forel, 1899: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Longino 2003, Antweb 2015).
- 266 *Crematogaster brasiliensis* Mayr, 1878: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Callanga (Antweb 2015); Chaquimayo (Wheeler 1925); Cu (Kempf 1972a, Escalante Gutiérrez 1993, Longino 2003); MD; SM (Longino 2003, Antweb 2015).
- 267 *Crematogaster carinata* Mayr, 1862: Lo; MD (Longino 2003, Antweb 2015).
- 268 *Crematogaster crinosa* Mayr, 1862: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Longino 2003, Antweb 2015); Pi (Kempf 1972a, Escalante Gutiérrez 1993, Longino 2003).
- 269 *Crematogaster curvispinosa* Mayr, 1862: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD; SM (Longino 2003, Antweb 2015).

- 270 *Crematogaster distans* Mayr, 1870: Peru (Kempff 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Antweb 2015).
- 271 *Crematogaster egregior* Forel, 1912: MD; SM (Antweb 2015).
- 272 *Crematogaster erecta* Mayr, 1866: Peru (Kempff 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Lo; MD (Longino 2003, Antweb 2015).
- 273 *Crematogaster laevis* Mayr, 1878: Lo; MD (Antweb 2015).
- 274 *Crematogaster levior* Longino, 2003: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Longino 2003, Antweb 2015).
- 275 *Crematogaster limata* Smith F., 1858: Peru (Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (Kempff 1972a, Escalante Gutiérrez 1993—using synonym *C. inca ascendens*, misspelled as *inca scendens*, Longino 2003); Hu (Kempff 1972a, Escalante Gutiérrez 1993—using synonym *C. inca ascendens*, misspelled as *inca scendens*, Longino 2003, Antweb 2015). Lo; MD; SM (Longino 2003, Antweb 2015); Pachitea; Santa Ana (Wheeler 1925).
- 276 *Crematogaster longispina* Emery, 1890: Peru (Kempff 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 277 *Crematogaster montezumia* Smith F., 1858: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (Escalante Gutiérrez 1993).
- 278 *Crematogaster nigropilosa* Mayr, 1870: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu; Hu; MD; Pa (Longino 2003, Antweb 2015).
- 279 *Crematogaster nitidiceps* Emery, 1895: Peru (Kempff 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Chaquimayo (Wheeler 1925); MD (Antweb 2015).
- 280 *Crematogaster peruviana* (Wheeler W. M., 1922): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (t. l., Kempff 1972a, Escalante Gutiérrez 1993). OP
- 281 *Crematogaster quadriformis* Roger, 1863: (Kempff 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Ju (Antweb 2015); Vilcanota (Wheeler 1925).
- 282 *Crematogaster rochai* Forel, 1903: Peru (Longino 2003, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Lo (Antweb 2015).
- 283 *Crematogaster sotobosque* Longino, 2003: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu; MD; Pa (Longino 2003, Antweb 2015).
- 284 *Crematogaster stollii* Forel, 1885: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD; SM (Longino 2003, Antweb 2015).
- 285 *Crematogaster tenuicula* Forel, 1904: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Lo; SM (Longino 2003, Antweb 2015); MD (Antweb 2015).
- 286 *Crematogaster torosa* Mayr, 1870: Peru (Longino 2003); La; MD (Longino 2003, Antweb 2015).
- 287 *Cyphomyrmex costatus* Mann, 1922: MD (Antweb 2015).
- 288 *Cyphomyrmex laevigatus* Weber, 1938: Peru (Kempff 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu (Snelling & Longino 1992).
- 289 *Cyphomyrmex rimosus* (Spinola, 1851): Peru (Kempff 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Pu (Wheeler 1925).
- 290 *Daceton armigerum* (Latreille, 1802): Peru (Kempff 1972a, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Lo (Ortiz & Raven 1972 in Escalante Gutiérrez 1993, Azorsa & Sosa-Calvo 2008); MD (Azorsa & Sosa-Calvo 2008); Uc (Ortiz & Raven 1972 in Escalante Gutiérrez 1993).
- 291 *Daceton boltoni* Azorsa & Sosa-Calvo, 2008: Lo (t. l.).
- 292 *Eurhopalothrix bolau* (Mayr, 1870): Hu (Antweb 2015).
- 293 *Eurhopalothrix pilulifera* Brown & Kempf, 1960: MD (Antweb 2015).
- 294 *Hylomyrma blandiens* Kempf, 1961: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 295 *Hylomyrma immanis* Kempf, 1973: MD (Antweb 2015).
- 296 *Hylomyrma transversa* Kempf, 1973: Peru (Bolton *et al.* 2007); Lo (t. l.). OP
- 297 *Kalathomyrmex emeryi* (Forel, 1907): Hu (Klingenberg & Brandão 2009).
- 298 *Lachnomyrmex pilosus* Weber, 1950: Am (Feitosa & Brandão 2008).
- 299 *Megalomyrmex balzani* Emery, 1894: Peru (Kempff 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (Brandão 1990); “Pozuzu, Peru” (Wheeler 1925).

- 300 *Megalomyrmex drifti* Kempf, 1961: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Ju (Brandão 1990).
- 301 *Megalomyrmex foreli* Emery, 1890: Peru (Escalante Gutiérrez 1993); SM (Kempf 1972a, Escalante Gutiérrez 1993, Antweb 2015).
- 302 *Megalomyrmex glaesarius* Kempf, 1970: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Ca (t. l., Kempf 1972a, Brandão 1990, Escalante Gutiérrez 1993).
- 303 *Megalomyrmex incisus* Smith M. R., 1947: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD; SM (Antweb 2015); Pa (Brandão 1990, Antweb 2015).
- 304 *Megalomyrmex mondaboroides* Longino, 2010: MD (Antweb 2015).
- 305 *Megalomyrmex silvestrii* Wheeler W. M., 1909: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Pu (Brandão 1990, Antweb 2015).
- 306 *Megalomyrmex staudingeri* Emery, 1890: Peru (Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Lo (t. l., Kempf 1972a, Brandão 1990, Antweb 2015).
- 307 *Megalomyrmex symmetochus* Wheeler W. M., 1925: Peru (Bolton *et al.* 2007).
- 308 *Megalomyrmex weyrauchi* Kempf, 1970: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); northern Peru: Llama (t. l., Kempf 1972a, Escalante Gutiérrez 1993). OP
- 309 *Mycocepurus smithii* (Forel, 1893): Peru (Kempf 1972a, Escalante Gutiérrez 1993—both misspelled as smithi, Mackay *et al.* 2004, Bolton *et al.* 2007), between Viru River and La Leche River (Pardo 1964—misspelled as smíhi); MD (Antweb 2015).
- 310 *Mycocepurus tardus* Weber, 1940: Peru (Fernandez & Sendoya 2004).
- 311 *Myrmicocrypta bucki* Sosa-Calvo & Schultz, 2010: MD (t. l.). OP
- 312 *Myrmicocrypta collaris* Emery, 1913: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (t. l., Kempf 1972a, Escalante Gutiérrez 1993), Hu; Vilcanota (Antweb 2015). OP
- 313 *Myrmicocrypta microphthalma* Borgmeier, 1948: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Ju (t. l., Kempf 1972a, Escalante Gutiérrez 1993). OP
- 314 *Myrmicocrypta triangulata peruviana* Emery, 1913: Peru (t. l., Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Vilcanota (Antweb 2015).
- 315 *Myrmicocrypta weyrauchi* Borgmeier, 1948: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Ju (t. l., Kempf 1972a, Escalante Gutiérrez 1993). OP
- 316 *Nesomyrmex anduzei* (Weber, 1943): Peru (Brandão 1991); MD (Tobin 1998).
- 317 *Nesomyrmex antoniensis* Forel, 1912: Peru (Kempf 1972a).
- 318 *Nesomyrmex asper* (Mayr, 1887): Peru (Kempf 1972a, Escalante Gutiérrez 1993).
- 319 *Nesomyrmex echinatinodis* (Forel, 1886): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); between Viru River and La Leche River (Pardo 1964).
- 320 *Nesomyrmex rutilans* (Kempf, 1958): MD (Antweb 2015).
- 321 *Nesomyrmex tonsuratus* (Kempf, 1959): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 322 *Ochetomyrmex neopolitus* Fernandez, 2003: Peru (Bolton *et al.* 2007); MD (Antweb 2015).
- 323 *Octostruma amrishi* (Makhan, 2007): MD (Antweb 2015).
- 324 *Octostruma balzani* (Emery, 1894): Hu; MD; Pa (Antweb 2015).
- 325 *Octostruma batesi* (Emery, 1894): MD (Antweb 2015).
- 326 *Octostruma betschi* Perrault, 1988: MD (Antweb 2015).
- 327 *Octostruma iheringi* (Emery, 1888): MD (Antweb 2015).
- 328 *Octostruma inca* Brown & Kempf, 1960: Peru (t. l., Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007, Antweb 2015).
- 329 *Octostruma megabalzani* Longino, 2013: Pa (Antweb 2014).
- 330 *Oxyepoecus quadratus* Albuquerque & Brandão, 2004: MD (Antweb 2015).
- 331 *Pheidole aberrans* Mayr, 1868: Cu (Wilson 2003, Bolton *et al.* 2007).
- 332 *Pheidole accinota* Wheeler W. M., 1925: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Li (t. l., Kempf 1972a, Escalante Gutiérrez 1993, Wilson 2003, Bolton *et al.* 2007). OP
- 333 *Pheidole aciculata* Wilson, 2003: Peru (Fernandez & Sendoya 2004); MD (t. l., Bolton *et al.* 2007). OP
- 334 *Pheidole ademonia* Wilson, 2003: Peru (Fernandez & Sendoya 2004); MD (t. l., Bolton *et al.* 2007).
- 335 *Pheidole allarmata* Wilson, 2003: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Wilson 2003).

- 336 *Pheidole amazonica* Wilson, 2003: Peru (Fernandez & Sendoya 2004); MD (t. l., Bolton *et al.* 2007, Antweb 2015).
- 337 *Pheidole asperithorax* Emery, 1894: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Wilson 2003, Antweb 2015).
- 338 *Pheidole astur* Wilson, 2003: Peru (Fernandez & Sendoya 2004); Cu (Antweb 2015); MD (t. l., Bolton *et al.* 2007, Antweb 2015).
- 339 *Pheidole biconstricta* Mayr, 1870: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (Escalante Gutiérrez 1993); MD (Antweb 2015).
- 340 *Pheidole calens* Forel, 1901: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 341 *Pheidole capillata* Emery, 1906: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Wilson 2003, Antweb 2015).
- 342 *Pheidole caracalla* Wilson, 2003: Peru (Fernandez & Sendoya 2004); Hu (t. l., Bolton *et al.* 2007, Antweb 2015).
- 343 *Pheidole carapuna* Mann, 1916: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Chaquimayo (Wheeler 1925, Kempf 1972a, Escalante Gutiérrez 1993); Cu (Antweb 2015); MD (Wilson 2003, Bolton *et al.* 2007, Antweb 2015).
- 344 *Pheidole cardiella* Wilson, 2003: Peru (Fernandez & Sendoya 2004); MD (t. l., Bolton *et al.* 2007, Antweb 2015).
- 345 *Pheidole cataractae* Wheeler W. M., 1916: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Wilson 2003).
- 346 *Pheidole chilensis* Mayr, 1862: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Li (Wilson 2003).
- 347 *Pheidole colobopsis* Mann, 1916: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Wilson 2003).
- 348 *Pheidole cramptoni* Wheeler W. M., 1916: Peru (Wilson 2003, Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Antweb 2015).
- 349 *Pheidole crozieri* Wilson, 2003: Peru (Fernandez & Sendoya 2004); Li (t. l., Bolton *et al.* 2007, Antweb 2015).
OP
- 350 *Pheidole cuevasi* Wilson, 2003: MD (t. l., Bolton *et al.* 2007, Antweb 2015).
- 351 *Pheidole cuprina* Wilson, 2003: Peru (Fernandez & Sendoya 2004); MD (t. l., Bolton *et al.* 2007, Antweb 2015). OP
- 352 *Pheidole cursor* Wilson, 2003: MD (t. l., Bolton *et al.* 2007, Antweb 2015).
- 353 *Pheidole davidsonae* Wilson, 2003: Peru (Fernandez & Sendoya 2004); MD (t. l., Bolton *et al.* 2007, Antweb 2015). OP
- 354 *Pheidole demeter* Wilson, 2003: Peru (Fernandez & Sendoya 2004); MD (t. l., Bolton *et al.* 2007, Antweb 2015). OP
- 355 *Pheidole diligens* (Smith F., 1858): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Wilson 2003).
- 356 *Pheidole dolon* Wilson, 2003: MD (t. l., Bolton *et al.* 2007).
- 357 *Pheidole embolopyx* Brown, 1968: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Wilson 2003).
- 358 *Pheidole exigua* Mayr, 1884: Peru (Bolton *et al.* 2007).
- 359 *Pheidole fimbriata* Roger, 1863: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 360 *Pheidole fissiceps* Wilson, 2003: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (t. l., Antweb 2015).
- 361 *Pheidole flavens* Roger, 1863: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 362 *Pheidole flavifrons* Wilson, 2003: Peru (Fernandez & Sendoya 2004); MD (t. l., Bolton *et al.* 2007). OP
- 363 *Pheidole fracticeps* Wilson, 2003: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 364 *Pheidole gagates* Wilson, 2003: Peru (Fernandez & Sendoya 2004); MD (t. l., Bolton *et al.* 2007, Antweb 2015).
- 365 *Pheidole galba* Wilson, 2003: MD (t. l., Wilson 2003, Bolton *et al.* 2007, Antweb 2015). OP
- 366 *Pheidole gemmula* Wilson, 2003: Peru (Fernandez & Sendoya 2004); MD (t. l., Bolton *et al.* 2007, Antweb 2015). OP
- 367 *Pheidole gertrudae* Forel, 1886: Cu (Escalante Gutiérrez 1993).
- 368 *Pheidole gilva* Wilson, 2003: Peru (Fernandez & Sendoya 2004); MD (t. l., Bolton *et al.* 2007, Antweb 2015).

- 369 *Pheidole horribilis* Wilson, 2003: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Wilson 2003).
- 370 *Pheidole huacana* Wilson, 2003: Cu (t. l., Bolton *et al.* 2007, Antweb 2015).
- 371 *Pheidole inca* Wilson, 2003: Peru (Fernandez & Sendoya 2004); Cu (t. l., Bolton *et al.* 2007, Antweb 2015).
OP
- 372 *Pheidole innupta* Menozzi, 1931: Cu (Antweb 2015).
- 373 *Pheidole kugleri* Wilson, 2003: Pa (t. l., Bolton *et al.* 2007, Antweb 2015). OP
- 374 *Pheidole laidlowi* Mann, 1916: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Wilson 2003, Antweb 2015).
- 375 *Pheidole lancifera* Wilson, 2003: Peru (Bolton *et al.* 2007).
- 376 *Pheidole lanigera* Wilson, 2003: MD (t. l., Bolton *et al.* 2007, Antweb 2015).
- 377 *Pheidole leonina* Wilson, 2003: MD (t. l., Bolton *et al.* 2007, Antweb 2015). OP
- 378 *Pheidole leptina* Wilson, 2003: MD (t. l., Bolton *et al.* 2007, Antweb 2015). OP
- 379 *Pheidole longiseta* Wilson, 2003: Peru (Fernandez & Sendoya 2004); MD (t. l., Bolton *et al.* 2007, Antweb 2015).
- 380 *Pheidole lupus* Wilson, 2003: MD (t. l., Bolton *et al.* 2007, Antweb 2015). OP
- 381 *Pheidole machetula* Wilson, 2003: Peru (Fernandez & Sendoya 2004); MD (t. l., Bolton *et al.* 2007, Antweb 2015). OP
- 382 *Pheidole mamore* Mann, 1916: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu; Ju; MD (Wilson 2003).
- 383 *Pheidole manuana* Wilson, 2003: Peru (Fernandez & Sendoya 2004); Cu (Antweb 2015); MD (t. l., Bolton *et al.* 2007, Antweb 2015). OP
- 384 *Pheidole megacephala* (Fabricius, 1793): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Ju (Wetterer 2012).
- 385 *Pheidole meinerti* Forel, 1905: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Wilson 2003, Antweb 2015).
- 386 *Pheidole meinertopsis* Wilson, 2003: Peru (Fernandez & Sendoya 2004); MD (t. l., Bolton *et al.* 2007, Antweb 2015).
- 387 *Pheidole mendicula* Wheeler W. M., 1925: Peru (Wilson 2003, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 388 *Pheidole micridris* Wilson, 2003: Peru (Fernandez & Sendoya 2004—misspelled as micridis); MD (t. l., Bolton *et al.* 2007).
- 389 *Pheidole microps* Wilson, 2003: Peru (Fernandez & Sendoya 2004); MD (t. l., Bolton *et al.* 2007).
- 390 *Pheidole minax* Wilson, 2003: MD (t. l., Bolton *et al.* 2007, Antweb 2015). OP
- 391 *Pheidole minutula* Mayr, 1878: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu (Wilson 2003, Antweb 2015).
- 392 *Pheidole nasifera* Wilson, 2003: Peru (Fernandez & Sendoya 2004); Hu (t. l., Bolton *et al.* 2007, Antweb 2014). OP
- 393 *Pheidole nigella* Emery, 1894: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Wilson 2003, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 394 *Pheidole obrima* Wilson, 2003: Cu (Antweb 2015).
- 395 *Pheidole pedana* Wilson, 2003: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu (Wilson 2003).
- 396 *Pheidole peruviana* Wilson, 2003: Peru (Fernandez & Sendoya 2004); MD (t. l., Bolton *et al.* 2007, Antweb 2015).
- 397 *Pheidole pholeops* Wilson, 2003: Peru (Fernandez & Sendoya 2004); MD (t. l., Bolton *et al.* 2007, Antweb 2015).
- 398 *Pheidole polita* Emery, 1894: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Wilson 2003, Antweb 2015).
- 399 *Pheidole radoszkowskii* Mayr, 1884: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 400 *Pheidole rugiceps* Wilson, 2003: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu (Wilson 2003).
- 401 *Pheidole sabella* Wilson, 2003: Peru (Fernandez & Sendoya 2004); MD (t. l., Bolton *et al.* 2007, Antweb 2015).
- 402 *Pheidole scimitara* Wilson, 2003: Peru (Fernandez & Sendoya 2004); MD (t. l., Bolton *et al.* 2007, Antweb

- 2015). OP
- 403 *Pheidole scolioceps* Wilson, 2003: Peru (Fernandez & Sendoya 2004); MD (t. l., Bolton *et al.* 2007, Antweb 2015).
- 404 *Pheidole simplex* Wheeler W. M., 1925: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Wilson 2003); Pu (t. l., Kempf 1972a, Escalante Gutiérrez 1993, Wilson 2003).
- 405 *Pheidole sospes* Forel, 1908: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Wilson 2003, Antweb 2015).
- 406 *Pheidole striaticeps* Mayr, 1870: Peru (Fernandez & Sendoya 2004); Amazonian Peru (Wilson 2003).
- 407 *Pheidole tambopatae* Wilson, 2003: Peru (Fernandez & Sendoya 2004); MD (t. l., Bolton *et al.* 2007, Antweb 2015).
- 408 *Pheidole teneriffana* Forel, 1893: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Li (Wilson 2003).
- 409 *Pheidole tennantae* Wilson, 2003: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu (Wilson 2003).
- 410 *Pheidole tobini* Wilson, 2003: MD (t. l., Bolton *et al.* 2007, Antweb 2015).
- 411 *Pheidole tristicula* Wilson, 2003: Peru (Fernandez & Sendoya 2004); MD (t. l., Bolton *et al.* 2007).
- 412 *Pheidole vorax* (Fabricius, 1804): MD (Antweb 2015).
- 413 *Pheidole weiseri* Santschi, 1923: Ar (Antweb 2015).
- 414 *Pheidole xanthogaster* Wilson, 2003: MD (t. l., Bolton *et al.* 2007).
- 415 *Pheidole zeteki* Smith M. R., 1947: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Wilson 2003, Antweb 2015).
- 416 *Pheidole zoster* Wilson, 2003: Peru (Fernandez & Sendoya 2004); Hu (t. l., Bolton *et al.* 2007, Antweb 2015).
- OP
- 417 *Pogonomyrmex naegelii* Emery, 1878: Peru (Kempf 1972a); Hu (Antweb 2015).
- 418 *Procryptocerus attenuatus* (Smith F., 1876): MD (Longino & Snelling 2002, Antweb 2015).
- 419 *Procryptocerus balzani* Emery, 1894: Peru (Kempf 1972a, Escalante Gutiérrez 1993).
- 420 *Procryptocerus elegans* Santschi, 1921: Cu (Antweb 2015).
- 421 *Procryptocerus hylaeus* Kempf, 1951: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Longino & Snelling 2002, Antweb 2015).
- 422 *Procryptocerus kempfi* Longino & Snelling, 2002: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Lo (Longino & Snelling 2002).
- 423 *Procryptocerus mayri* Forel, 1899: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Ju (Longino & Snelling 2002, Antweb 2015).
- 424 *Procryptocerus nalini* Longino & Snelling 2002: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Longino & Snelling 2002, Antweb 2015).
- 425 *Procryptocerus pictipes* Emery, 1896: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD; SM (Longino & Snelling 2002, Antweb 2015).
- 426 *Procryptocerus spiniperdus* Forel, 1899: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu; MD (Antweb 2015).
- 427 *Procryptocerus subpilosus* (Smith F., 1860): Peru (Longino & Snelling 2002, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Lo (Longino & Snelling 2002, Antweb 2015).
- 428 *Rogeria alzatei* Kugler, 1994: MD (Kugler 1994).
- 429 *Rogeria besucheti* Kugler, 1994: Pa (Kugler 1994).
- 430 *Rogeria blanda* (Smith F., 1858): MD (Kugler 1994, Antweb 2015).
- 431 *Rogeria lirata* Kugler, 1994: Lo (Kugler 1994); MD (Antweb 2015).
- 432 *Rogeria scobinata* Kugler, 1994: Lo; Pa (Kugler 1994); MD (t. l., Kugler 1994, Antweb 2015).
- 433 *Solenopsis basalidis* Forel, 1895: Ju (Pacheco & Mackay 2013).
- 434 *Solenopsis bicolor* (Emery, 1906): MD (Pacheco & Mackay 2013).
- 435 *Solenopsis bruesi* Creighton, 1930: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Li (t. l., Kempf 1972a, Escalante Gutiérrez 1993, Trager 1991); “Trujillo, and others in the vicinity of Lima” (Trager 1991).
- 436 *Solenopsis corticalis* Forel, 1881: Peru (Kempf 1972a, Fernandez & Sendoya 2004, Bolton *et al.* 2007); SM (t. l., Escalante Gutiérrez 1993).
- 437 *Solenopsis gayi* (Spinola, 1851): Peru (Kempf 1972a, Trager 1991, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Ica (Heatwole 1996); Li (Creighton 1930).

- 438 *Solenopsis geminata* (Fabricius, 1804): Peru (Trager 1991); between Viru River and La Leche River (Pardo 1964); Cu (Escalante Gutiérrez 1993).
- 439 *Solenopsis invicta* Buren, 1972: Peru (Trager 1991).
- 440 *Solenopsis picea* Emery, 1896: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Pacheco & Mackay 2013).
- 441 *Solenopsis saevissima* (Smith F., 1855): Li (Escalante Gutiérrez 1993).
- 442 *Solenopsis stricta* Emery, 1896: “Parane” (Pacheco & Mackay 2013).
- 443 *Solenopsis virulens* (Smith F., 1858): Peru (Kempf 1972a, Escalante Gutiérrez 1993).
- 444 *Solenopsis weyrauchi* Trager, 1991: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Ca (t. l., Antweb 2015). OP
- 445 *Stegomyrmex connectens* Emery, 1912: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu; MD (Antweb 2015); Vilcanota (t. l., Kempf 1972a, Antweb 2015).
- 446 *Strumigenys anthocera* Lattke & Goitía, 1997: Peru (Fernandez & Sendoya 2004).
- 447 *Strumigenys cosmostela* Kempf, 1975: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 448 *Strumigenys decipula* (Bolton, 2000): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 449 *Strumigenys denticulata* Mayr, 1887: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 450 *Strumigenys depressiceps* Weber, 1934: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu; MD (Antweb 2015).
- 451 *Strumigenys eggersi* Emery, 1890: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 452 *Strumigenys fridericimuelleri* Forel, 1886: Peru (Fernandez & Sendoya 2004—misspelled as friderimuelleri, Bolton *et al.* 2007).
- 453 *Strumigenys gundlachi* (Roger, 1862): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 454 *Strumigenys interfectiva* Lattke & Goitía, 1997: Peru (Bolton 2000, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 455 *Strumigenys metopia* (Brown, 1959): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Lo; MD (Antweb 2015).
- 456 *Strumigenys perparva* Brown, 1958: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 457 *Strumigenys pholidota* (Bolton, 2000): Peru (Fernandez & Sendoya 2004); MD (t. l., Bolton *et al.* 2007). OP
- 458 *Strumigenys planeti* Brown, 1953: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 459 *Strumigenys prospiciens* Emery, 1906: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 460 *Strumigenys schmalzi* Emery, 1906: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 461 *Strumigenys schulzi* Emery, 1894: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 462 *Strumigenys subdentata* Mayr, 1887: MD (Tobin 1998, Bolton *et al.* 2007).
- 463 *Strumigenys tococae* Wheeler W. M. & Bequaert, 1929: Peru (Brandão 1991).
- 464 *Strumigenys trudifera* Kempf & Brown, 1969: MD (Antweb 2015).
- 465 *Strumigenys villiersi* (Perrault, 1986): MD (Antweb 2015).
- 466 *Strumigenys zeteki* (Brown, 1959): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 467 *Tetramorium caldarium* (Roger, 1857): Peru (Bolton *et al.* 2007); Li (Antweb 2015).
- 468 *Tetramorium guineense* (Bernard, 1953): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004).
- 469 *Tetramorium simillimum* (Smith F., 1851): between Viru River and La Leche River (Pardo 1964—misspelled as simillimum); La (Escalante Gutiérrez 1993 misspelled as simillium).
- 470 *Tranopelta gilva* Mayr, 1866: MD (Antweb 2015).
- 471 *Wasmannia auropunctata* (Roger, 1863): Peru (Kempf 1972a, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Chaquimayo (Wheeler 1925); MD (Tobin 1998).
- 472 *Wasmannia scrobifera* Kempf, 1961: MD (Antweb 2015).

Paraponerinae

- 473 *Paraponera clavata* (Fabricius, 1775): Peru (Kempf 1972a, Fernandez & Sendoya 2004, Bolton *et al.* 2007);

Ap; Hu; Ju (Ortiz & Raven 1972 in Escalante Gutiérrez 1993); Chaquimayo (Wheeler 1925); Cu (Escalante Gutiérrez 1993, Antweb 2015); Lo (Antweb 2015); MD (Ortiz & Raven 1972 in Escalante Gutiérrez 1993, Tobin 1998, Antweb 2015).

Ponerinae

- 474 *Anochetus inca* Wheeler W. M., 1925: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); “Loreto, Río Charapa” (Escalante Gutiérrez 1993); Río Charape (t. l., Kempf 1972a).
- 475 *Anochetus mayri* Emery, 1884: MD (Antweb 2015).
- 476 *Cryptopone holmgreni* (Wheeler W. M., 1925): Peru (t. l., Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007, Mackay & Mackay 2010).
- 477 *Dinoponera gigantea* (Perty, 1833): Peru (Kempf 1972a, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (Escalante Gutiérrez 1993); Hu (Ortiz & Raven 1972 in Escalante Gutiérrez 1993).
- 478 *Dinoponera longipes* Emery, 1901: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu; Lo (Antweb 2015); SM (t. l., Kempf 1972a, Escalante Gutiérrez 1993).
- 479 *Dinoponera quadriceps* Kempf, 1971: Hu; Lo (Antweb 2015).
- 480 *Hypoponera opaciceps* (Mayr, 1887): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007, Antweb 2015); Pi (Wheeler 1925).
- 481 *Hypoponera opacior* (Forel, 1893): MD (Antweb 2015).
- 482 *Leptogenys cuneata* Lattke, 2011: eastern Peru; Lo (Lattke 2011).
- 483 *Leptogenys famelica* Emery, 1896: MD (Lattke 2011).
- 484 *Leptogenys langi* Wheeler W. M., 1923: Lo; MD (Lattke 2011).
- 485 *Leptogenys linearis* (Smith F., 1858): Lo (Lattke 2011).
- 486 *Leptogenys peruana* Lattke, 2011: Cu (t. l., Antweb 2015), eastern Peru (Lattke 2011). OP
- 487 *Leptogenys unistimulosa* Roger, 1863: northern Peru (Lattke 2011).
- 488 *Mayaponera constricta* (Mayr, 1884): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu; Hu; Ju; Lo; Pa; Uc (Mackay & Mackay 2010); MD (Mackay & Mackay 2010, Antweb 2015).
- 489 *Neoponera aenescens* (Mayr, 1870): Hu (Mackay & Mackay 2010).
- 490 *Neoponera antecurvata* (Mackay & Mackay, 2010): MD (Mackay & Mackay 2010, Antweb 2015).
- 491 *Neoponera apicalis* (Latreille, 1802): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Ar; Uc (Mackay & Mackay 2010); Hu, Lo; MD; SM (Wild 2005, Antweb 2015).
- 492 *Neoponera bugabensis* (Forel 1899): MD (Mackay & Mackay 2010).
- 493 *Neoponera carinulata* (Roger, 1861): Cu; Hu; MD; Uc (Mackay & Mackay 2010).
- 494 *Neoponera cavinodis* Mann, 1916: Hu (Mackay & Mackay 2010); MD (Tobin 1998).
- 495 *Neoponera chyzeri* (Forel, 1907): MD (Mackay & Mackay 2010).
- 496 *Neoponera commutata* (Roger, 1860): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Chaquimayo (Wheeler 1925, 1936); Ica; Ju; Li; MD; Pi; Uc (Mackay & Mackay 2010); Lo (Wheeler 1936, Mackay & Mackay 2010).
- 497 *Neoponera coveri* (Mackay & Mackay, 2010): MD (t. l.). OP
- 498 *Neoponera crenata* (Roger, 1861): Hu (Mackay & Mackay 2010); MD (Tobin 1998).
- 499 *Neoponera curvinodis* (Forel, 1899): MD (Mackay & Mackay 2010).
- 500 *Neoponera emiliae* Forel, 1901: Peru (Mackay & Mackay 2010).
- 501 *Neoponera fauveli* Emery, 1895: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (Mackay & Mackay 2010, Antweb 2015); Hu; Ju; Pa; Uc (Mackay & Mackay 2010).
- 502 *Neoponera foetida* (Linnaeus, 1758): Hu; Lo (Mackay & Mackay 2010, Antweb 2015); Ju; MD (Mackay & Mackay 2010).
- 503 *Neoponera globularia* (Mackay & Mackay 2010): MD (Mackay & Mackay 2010).
- 504 *Neoponera goeldii* Forel, 1912: Hu; MD (Mackay & Mackay 2010).
- 505 *Neoponera inversa* (Smith F., 1858): Peru (Kempf 1972a, Bolton *et al.* 2007); Hu; Ju; Lo; Pa (Mackay & Mackay 2010).

- 506 *Neoponera luteola* (Roger, 1861): Cu (Mackay & Mackay 2010); MD (Mackay & Mackay 2010, Antweb 2015).
- 507 *Neoponera moesta* (Mayr, 1870): Peru (Kempf 1972a, Escalante Gutiérrez 1993).
- 508 *Neoponera oberthueri* (Emery, 1890): 43 mi E Tingo Maria; MD; Pa (Mackay & Mackay 2010); Lo (Mackay & Mackay 2010, Antweb 2015).
- 509 *Neoponera obscuricornis* (Emery, 1890): Hu; SM (Wild 2005, Mackay & Mackay 2010, Antweb 2015); MD; Uc (Mackay & Mackay 2010).
- 510 *Neoponera prociua* (Emery, 1890): Cu (Santschi 1921).
- 511 *Neoponera rugosula* Emery, 1902: Peru (t. l., Bolton *et al.* 2007); Cu (Antweb 2015); Lo; MD (Mackay & Mackay 2010, Antweb 2015).
- 512 *Neoponera striatinodis* (Emery, 1890): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu (Mackay & Mackay 2010); SM (Kempf 1972a, Escalante Gutiérrez 1993, Mackay & Mackay 2010).
- 513 *Neoponera theresiae* (Forel, 1899): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 514 *Neoponera unidentata* (Mayr, 1862): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu; Hu; Lo (Mackay & Mackay 2010, Antweb 2015); Li; SM; Yurac (Mackay & Mackay 2010); MD (Tobin 1998).
- 515 *Neoponera verenae* Forel, 1922: Hu; Ju; MD (Wild 2005, Mackay & Mackay 2010, Antweb 2015).
- 516 *Neoponera villosa* (Fabricius, 1804): Peru (Kempf 1972a, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu; Li; MD; Yurac (Mackay & Mackay 2010); Hu; Lo (Mackay & Mackay 2010, Antweb 2015).
- 517 *Neoponera zuparkoi* (Mackay & Mackay 2010): Hu (t. l.). OP
- 518 *Odontomachus bauri* Emery, 1892: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Chaquimayo (Wheeler 1925); Hu (Antweb 2015).
- 519 *Odontomachus biumbonatus* Brown, 1976: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Yurac (Antweb 2015).
- 520 *Odontomachus bradleyi* Brown, 1976: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Ju (t. l., Brandão 1991).
- 521 *Odontomachus caelatus* Brown, 1976: Peru (Brandão 1991, Bolton *et al.* 2007).
- 522 *Odontomachus chelififer* (Latreille, 1802): Peru (Kempf 1972a, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Cu (Escalante Gutiérrez 1993).
- 523 *Odontomachus haematodus* (Linnaeus, 1758): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); between Viru River and La Leche River (Pardo 1964); Cu (Escalante Gutiérrez 1993); Ju (Ortiz & Raven 1972 in Escalante Gutiérrez 1993); MD (Tobin 1998).
- 524 *Odontomachus hastatus* (Fabricius, 1804): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Lo; MD (Antweb 2015).
- 525 *Odontomachus peruanus* Stitz, 1933: Peru (Bolton *et al.* 2007); Ju (t. l., Kempf 1972a, Escalante Gutiérrez 1993). OP
- 526 *Odontomachus ruginodis* Smith, M. R., 1937: Lo (Antweb 2015).
- 527 *Pachycondyla crassinoda* (Latreille, 1802): Cu (Escalante Gutiérrez 1993); Hu; MD (Mackay & Mackay 2010, Antweb 2015); Li; “Loreto: Pucallpa”, Lo; Pa; SM; Yurac (Mackay & Mackay 2010).
- 528 *Pachycondyla harpax* (Fabricius, 1804): Peru (Bolton *et al.* 2007); Chaquimayo; Hu; Ju; Pu (Wheeler 1925); Cu (Escalante Gutiérrez 1993); MD (Mackay & Mackay 2010, Antweb 2015); Pa (Mackay & Mackay 2010).
- 529 *Pachycondyla impressa* (Roger, 1861): Peru (Kempf 1972a, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Ocobamba (Antweb 2015); Ca; Cu; Hu (Mackay & Mackay 2010).
- 530 *Pachycondyla inca* Emery, 1901: Peru (Bolton *et al.* 2007); Ca; Hu (Wheeler 1925); Cu (t. l., Wheeler 1925); Ocobamba (Antweb 2015).
- 531 *Pachycondyla purpurascens* Forel, 1899: Cu; Ju (Mackay & Mackay 2010).
- 532 *Pachycondyla striata* Smith F., 1858: Hu (Mackay & Mackay 2010).
- 533 *Platythyrea angusta* Forel, 1901: Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 534 *Platythyrea sinuata* (Roger, 1860): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu (Antweb 2015).

- 535 *Pseudoponera gilberti* (Kempf, 1960): MD (Mackay & Mackay 2010, Antweb 2015).
- 536 *Pseudoponera stigma* (Fabricius, 1804): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu; Pa; Pichilingue; Yurac (Mackay & Mackay 2010); Lo; MD (Mackay & Mackay 2010, Antweb 2015).
- 537 *Pseudoponera succedanea* (Roger 1963): Hu; MD; Pa (Mackay & Mackay 2010, Antweb 2015).
- 538 *Rasopone arhuaca* (Forel, 1901): MD; SM; Yurac (Mackay & Mackay 2010, Antweb 2015).
- 539 *Rasopone becculata* (Mackay & Mackay 2010): Hu; Pa (Mackay & Mackay 2010).
- 540 *Rasopone conicula* (Mackay & Mackay, 2010): Hu (Mackay & Mackay 2010).
- 541 *Rasopone ferruginea* (Smith F., 1858): MD (Mackay & Mackay 2010).
- 542 *Rasopone pergandei* (Forel, 1909): Ju (Mackay & Mackay 2010).
- 543 *Simopelta laticeps* Gotwald & Brown, 1967: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); La (t. l., Kempf 1972a, Escalante Gutiérrez 1993, Antweb 2015). OP
- 544 *Thaumatomyrmex atrox* Weber, 1939: Peru (Brandão 1991); Hu (Antweb 2015).

Proceratiinae

- 545 *Probolomyrmex boliviensis* Mann, 1923: Peru (Bolton *et al.* 2007, Antweb 2015).

Pseudomyrmecinae

- 546 *Pseudomyrmex alustratus* Ward, 1989: Peru (Bolton *et al.* 2007); Ju (t. l., Ward 1989, Antweb 2015); MD (Ward 1989).
- 547 *Pseudomyrmex browni* Kempf, 1967: MD (Tobin 1998).
- 548 *Pseudomyrmex cladoicus* (Smith F., 1858): Lo (Antweb 2015).
- 549 *Pseudomyrmex colei* (Enzmann E. V., 1944): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Ca (t. l., Kempf 1972a, Escalante Gutiérrez 1993).
- 550 *Pseudomyrmex colei vistanus* (Enzmann E. V., 1944): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Ca (t. l., Kempf 1972a, Escalante Gutiérrez 1993). OP
- 551 *Pseudomyrmex crudelis* Ward, 1999: Peru (Bolton *et al.* 2007); Hu (Ward 1999); SM (t. l., Ward 1999, Rasmussen & Lamas 2011, Antweb 2015). OP
- 552 *Pseudomyrmex cubaensis* (Forel, 1901): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Lo (Ward 1989).
- 553 *Pseudomyrmex dendroicus* (Forel 1904): Cu; SM; Uc (Ward 1999); Hu (Ward 1999, Antweb 2015); MD (Tobin 1998, Ward 1999).
- 554 *Pseudomyrmex eculeus* Ward, 1999: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Am (Ward 1999).
- 555 *Pseudomyrmex eduardi* (Forel, 1912): Hu (Ward 1989).
- 556 *Pseudomyrmex elongatulus* (Dalle Torre, 1892): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Pu (Wheeler 1925).
- 557 *Pseudomyrmex elongatus* (Mayr, 1870): Peru (Kempf 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD; SM (Ward 1989).
- 558 *Pseudomyrmex ethicus* (Forel, 1911): Lo (Antweb 2015).
- 559 *Pseudomyrmex faber* (Smith F., 1858): Peru (Kempf 1972a, Escalante Gutiérrez 1993).
- 560 *Pseudomyrmex ferox* Ward, 1999: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); SM (t. l., Ward 1999, Rasmussen & Lamas 2011, Antweb 2015).
- 561 *Pseudomyrmex godmani* (Forel, 1899): MD (Tobin 1998).
- 562 *Pseudomyrmex gracilis* (Fabricius, 1804): Peru (Kempf 1972a, Fernandez & Sendoya 2004, Bolton *et al.* 2007); between Viru River and La Leche River (Pardo 1964); Cu (Escalante Gutiérrez 1993).
- 563 *Pseudomyrmex holmgreni* (Wheeler W. M., 1925): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Chaquimayo (Wheeler 1925); Cu (t. l.; Kempf 1972a, Escalante Gutiérrez 1993, Ward 1989).
- 564 *Pseudomyrmex hospitalis* Ward, 1999: Peru (Bolton *et al.* 2007); Lo (Ward 1999); SM (t. l., Antweb 2015). OP

- 565 *Pseudomyrmex kuenckeli* (Emery, 1890): Peru (Kempff 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 566 *Pseudomyrmex laevifrons* Ward, 1989: MD (Tobin 1998).
- 567 *Pseudomyrmex lisus* (Enzmann E. V., 1944): Peru (Kempff 1972a, Escalante Gutiérrez 1993, Bolton *et al.* 2007); Li (t. l.).
- 568 *Pseudomyrmex maculatus* (Smith F., 1855): Peru (Kempff 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); SM (Antweb 2015).
- 569 *Pseudomyrmex oculatus* (Smith F., 1855): Peru (Kempff 1972a, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Ju; Lo; SM; Yurac (Ward 1989); Li (Escalante Gutiérrez 1993); MD (Ward 1989, Tobin 1998).
- 570 *Pseudomyrmex pallens* (Mayr, 1870): Peru (Kempff 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); Pu (Wheeler 1925);
- 571 *Pseudomyrmex perboscii* (Guérin-Méneville, 1844): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Lo (Kempff 1972a, Escalante Gutiérrez 1993, Ward 1989, Fernandez & Sendoya 2004; Antweb 2015).
- 572 *Pseudomyrmex peruvianus* (Wheeler W. M., 1925): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Chaquimayo (Wheeler 1925); Cu (t. l., Kempff 1972a, Escalante Gutiérrez 1993); Hu (Antweb 2015). OP
- 573 *Pseudomyrmex pictus* (Stitz, 1913): Peru (Bolton *et al.* 2007); Lo (Wheeler 1925, Kempff 1972a, Escalante Gutiérrez 1993).
- 574 *Pseudomyrmex pisinnus* Ward, 1989: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu (Ward 1989); MD (Ward 1989, Antweb 2015).
- 575 *Pseudomyrmex pupa* (Forel, 1911): MD (Tobin 1998).
- 576 *Pseudomyrmex santschii* (Enzmann E. V., 1944): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Li (t. l., Kempff 1972a, Escalante Gutiérrez 1993); SM (Antweb 2015). OP
- 577 *Pseudomyrmex sericeus cordiae* (Forel, 1904): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); SM (t. l., Kempff 1972a, Escalante Gutiérrez 1993).
- 578 *Pseudomyrmex sericeus longior* (Forel, 1904): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); SM (t. l., Kempff 1972a, Escalante Gutiérrez 1993). OP
- 579 *Pseudomyrmex simplex* (Smith F., 1877): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Tobin 1998); Pi (Ward 1985).
- 580 *Pseudomyrmex spiculus* Ward, 1989: Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Ward 1989).
- 581 *Pseudomyrmex tachigaliae* (Forel, 1904): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Am; Hu (Ward 1999); Ju (Ward 1999, Antweb 2015); Lo; SM (Kempff 1972a, Ward 1999).
- 582 *Pseudomyrmex tenuis* (Fabricius, 1804): Peru (Kempff 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007); MD (Tobin 1998).
- 583 *Pseudomyrmex tenuissimus* (Emery, 1906): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Hu; Ju; Queb. Penaga, Anotape Mts. (Ward 1989); MD (Tobin 1998).
- 584 *Pseudomyrmex termitarius* (Smith F., 1855): Peru (Kempff 1972a, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 585 *Pseudomyrmex triplaris* (Forel, 1904): Lo; SM; Uc (Ward 1989).
- 586 *Pseudomyrmex triplarinus* (Weddell, 1850): Peru (Kempff 1972a, Fernandez & Sendoya 2004, Bolton *et al.* 2007, Antweb 2015); Cu (Ward 1989, Escalante Gutiérrez 1993); Hu; Ju; Lo; MD; Pa; SM (Ward 1989).
- 587 *Pseudomyrmex unicolor* (Smith F., 1855): Peru (Kempff 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 588 *Pseudomyrmex urbanus* (Smith F., 1877): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Lo; MD (Ward 1989).
- 589 *Pseudomyrmex venustus* (Smith F., 1858): Peru (Kempff 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007).
- 590 *Pseudomyrmex vinneni* (Forel 1906): Peru (Ward 1999).
- 591 *Pseudomyrmex voytowskii* (Enzmann E. V., 1944): Peru (Fernandez & Sendoya 2004, Bolton *et al.* 2007); Li (t. l., Kempff 1972a, Escalante Gutiérrez 1993). OP
- 592 *Pseudomyrmex wheeleri* (Enzmann E. V., 1944): Peru (t. l., Kempff 1972a, Escalante Gutiérrez 1993, Fernandez & Sendoya 2004, Bolton *et al.* 2007). OP

Acknowledgments

This research was supported within the project POPRAR CZ.1.07/2.2.00/28.0303. We thank two anonymous reviewers for valuable comments.

References

- Albert, M.J., Escudero, A. & Iriondo, J.M. (2005) Assessing ant seed predation in threatened plants: a case study. *Acta Oecologica*, 28, 213–220.
<http://dx.doi.org/10.1016/j.actao.2005.04.005>
- Alonso, L.E. (2010) Ant conservation: Current status and a call for action. *In*: Lach L., Parr, C. & Abbott, K.L. (Eds.), *Ant Ecology*. Oxford University Press, Oxford, pp. 59–74.
- Alonso, L.E., Kaspari, M. & Alonso, A. (2001) Assessment of the ants of the lower Urubamba region, Peru. *In*: Alonso, A., Dallmeier, F., Campbell, P. (Eds.), *Urubamba: The biodiversity of a Peruvian rainforest*. SI/MAB Biodiversity Program-Smithsonian Institution, Washington, DC, pp. 87–91.
- Andrade, M.L. de & Baroni Urbani, C. (1999) Diversity and adaptation in the ant genus *Cephalotes*, past and present. *Stuttgarter Beiträge zur Naturkunde, Serie B (Geologie und Paläontologie)*, 271, 1–889.
- Antweb (2015) *AntWeb*. Available from <http://www.antweb.org> (accessed 7 November 2014, 10 April 2015)
- Antwiki (2015a) Bolivia. Available from <http://www.antwiki.org/wiki/Bolivia> (accessed 10 February 2015)
- Antwiki (2015b) Brazil. Available from <http://www.antwiki.org/wiki/Brazil> (accessed 10 February 2015)
- Antwiki (2015c) Chile. Available from <http://www.antwiki.org/wiki/Chile> (accessed 10 February 2015)
- Antwiki (2015d) Colombia. Available from <http://www.antwiki.org/wiki/Colombia> (accessed 10 February 2015)
- Antwiki (2015e) Peru. Available from <http://www.antwiki.org/wiki/Peru> (accessed 10 February 2015)
- Arauco, A.R., Iannaccone, O.J., Edwards, D. & Yu, D. (2006) Mediación química entre *Allomerus demerarae* Wheeler, 1935 (Hymenoptera: Formicidae) y *Cordia nodosa* Lam. (Boraginaceae). *Revista Colombiana de Entomología*, 32 (1), 85–92.
- Azorsa, F., & Sosa-Calvo, J. (2008) Description of a remarkable new species of ant in the genus *Daceton* Perty (Formicidae: Dacetini) from South America. *Zootaxa*, 1749, 27–38.
- Baroni Urbani, C. & De Andrade, M.L. (2003) The ant genus *Proceratium* in the extant and fossil record (Hymenoptera: Formicidae). *Museo Regionale di Scienze Naturali Monografie*, 36, 1–492. [Turin]
- Baroni Urbani, C. & De Andrade, M.L. (2007) The ant tribe Dacetini: limits and constituent genera, with descriptions of new species (Hymenoptera, Formicidae). *Annali del Museo Civico di Storia Naturale "Giacomo Doria"*, 99, 1–191.
- Bolton, B. (2000) The ant tribe Dacetini. *Memoirs of the American Entomological Institute*, 65, 1–1028.
- Bolton, B. (2015) *Bolton World Catalog Ants*. Available from: <http://www.antweb.org/page.do?name=world> (accessed 10 April 2015)
- Bolton, B., Alpert, G., Ward, P.S. & Naskrecki, P. (2007) *Bolton's Catalogue of Ants of the World: 1758–2005*. Harvard University Press, Cambridge, Massachusetts, London, England. [CD-ROM]
- Brack Egg, A. (1986) Ecología de un país complejo. *In*: Manfer Juan Mejía Baca (Ed.), *Gran Geografía del Perú: Naturaleza y Hombre. Vol. 2*. Manfer Juan Mejía Baca, Barcelona and Lima, pp. 177–319.
- Brack Egg, A. & Mendiola, C. (2010). *Ecología del Perú*. Bruño, Lima, 496 pp.
- Brandão, C.R.F. (1990) Systematic revision of the Neotropical ant genus *Megalomyrmex* Forel (Hymenoptera: Formicidae: Myrmicinae), with the description of thirteen new species. *Arquivos de Zoologia (São Paulo)*, 31 (5), 411–481.
<http://dx.doi.org/10.11606/issn.2176-7793.v31i5p1-91>
- Brandão, C.R.F. (1991) Adendos ao catálogo abreviado das formigas da região Neotropical (Hymenoptera: Formicidae). *Revista Brasileira de Entomologia*, 35, 319–412.
- Brandão, C.R.F., Diniz, J.L.M., Agosti, D. & Delabie, J.H. (1999) Revision of the Neotropical ant subfamily Leptanilloidinae. *Systematic Entomology*, 24, 17–36.
<http://dx.doi.org/10.1046/j.1365-3113.1999.00064.x>
- Carrasco, F.Z. (1962) La Hormiga "Cuqui" *Atta sexdens fuscata* Santschi (Formicidae) Grave Problema Entomológico para los Cultivos Tropicales 1. *Revista Peruana de Entomología agrícola*, 5 (1), 94–97.
- Creighton, W.S. (1930) The New World species of the genus *Solenopsis* (Hymenop. Formicidae). *Proceedings of the American Academy of Arts and Sciences*, 66, 39–151.
<http://dx.doi.org/10.2307/20026320>
- Cuezzo, F. & Guerrero, R.J. (2012) The ant genus *Dorymyrmex* Mayr (Hymenoptera: Formicidae: Dolichoderinae) in Colombia. *Psyche*, 2012, Article ID 516058, 1–24.
<http://dx.doi.org/10.1155/2012/516058>
- Dauber, J., Niechoj, R., Baltruschat, H. & Wolters, V. (2008) Soil engineering ants increase grass root arbuscular mycorrhizal colonization. *Biology and Fertility of Soils*, 44, 791–796.
<http://dx.doi.org/10.1007/s00374-008-0283-5>
- Davidson, D.W., Castro-Delgado, S.R., Arias, J.A. & Mann, J. (2006) Unveiling a Ghost of Amazonian Rain Forests:

- Camponotus mirabilis*, Engineer of *Guadua* Bamboo. *Biotropica*, 38, 653–660.
<http://dx.doi.org/10.1111/j.1744-7429.2006.00194.x>
- Delgado, S.C., Cobian C.V. & Ugarte, C.A. (2008) Distribución de La Riqueza, Composición Taxonómica Y Grupos Funcionales de Hormigas Del Suelo a Lo Largo de Un Gradiente Altitudinal En El Refugio de Vida Silvestre Laquipampa, Labayeque-Perú. *Ecología Aplicada*, 7, 89–103.
- Donoso, D.A. (2012) Additions to the taxonomy of the armadillo ants (Hymenoptera, Formicidae, Tatuidris). *Zootaxa*, 3503, 61–81.
- Donoso, D.A., Vieira, J.M. & Wild, A.L. (2006) Three new species of *Leptanilloides* Mann from Andean Ecuador (Formicidae: Leptanilloidinae). *Zootaxa*, 1201, 47–62.
- Dourojeanni, M.J. (1965). Denominaciones vernaculares de insectos y algunos otros invertebrados en la Selva del Perú. *Revista Peruana de Entomología*, 8 (1), 131–137.
- Dunn, R.R., Sanders N.J., Guénard B. & Weiser M.D. (2010) Geographic gradients. In: Lach L., Parr, C. & Abbott, K.L. (Eds.), *Ant Ecology*. Oxford University Press, Oxford, pp. 38–58.
- Emery, C. (1890) Studii sulle formiche della fauna neotropica. *Bollettino della Società Entomologica Italiana*, 22, 38–80.
- Emery, C. (1894) Studi sulle formiche della fauna neotropica. VI–XVI. *Bollettino della Società Entomologica Italiana*, 26, 137–241.
- Escalante Gutiérrez, J.A. (1993) Especies de hormigas conocidas del Perú (Hymenoptera: Formicidae). *Revista Peruana de Entomología*, 34, 1–13.
- Everts, J. & van der Meer F. (1977) Investigación del habitat de la „hormiga indanera” *Acromyrmex landolti-balzani* Emery, una plaga en los pastos del Perú. *XX Convención SEP, Arequipa: Resúmenes*, 1977, p. 22. [Escalante-Gutiérrez (1993)]
- Feitosa, R.M. & Brandao, C.R.F. (2008) A taxonomic revision of the Neotropical myrmicine ant genus *Lachnomyrmex* Wheeler (Hymenoptera: Formicidae). *Zootaxa*, 1890, 1–49.
- Fernández, F. (2002) Revisión de las hormigas *Camponotus* subgénero *Dendromyrmex* (Hymenoptera: Formicidae). *Papéis Avulsos de Zoologia (São Paulo)*, 42, 47–101.
- Fernández, F. (2004) The American species of the myrmicine ant genus *Carebara* Westwood (Hymenoptera: Formicidae). *Caldasia*, 26 (1), 191–238.
- Fernández, F. & Arias-Penna, T.M. (2008) Las hormigas cazadoras en la región Neotropical. In: Jiménez, E., Fernández, F., Arias, T.M. & Lozano-Zambrano, F.H. (Eds.), *Sistemática, biogeografía y conservación de las hormigas cazadoras de Colombia*. Instituto de Investigación de Recursos Biológicos Alexander von Humboldt, Bogota, pp. 3–39.
- Fernández, F. & Sendoya, S. (2004) Lista de las hormigas neotropicales. *Biota Colombiana*, 5, 3–93.
- Fernández, F., Feitosa, R.M. & Lattke, J. (2014) *Kempfidris*, a new genus of myrmicine ants from the Neotropical region (Hymenoptera: Formicidae). *European Journal of Taxonomy*, 85, 1–10.
<http://dx.doi.org/10.5852/ejt.2014.85>
- Fisher, B.L. (2010) Biogeography. In: Lach L., Parr, C. & Abbott, K.L. (Eds.), *Ant Ecology*. Oxford University Press, Oxford, pp. 18–37.
- Forel, A. (1892) Critique de: Peter Cameron. Hymenoptera [sic], Formicidae; Extracted from supplementary appendix to Travels amongst the Great Andes of the Equator by Edw. Whymper. London 1891. *Annales de la Société Entomologique de Belgique*, 36, 255–256.
- Giladi, I. (2006) Choosing benefits or partners: a review of the evidence for the evolution of myrmecochory. *Oikos*, 112, 481–492.
<http://dx.doi.org/10.1111/j.0030-1299.2006.14258.x>
- Guénard, B., Weiser, M.D. & Dunn, R.R. (2012) Global models of ant diversity suggest regions where new discoveries are most likely are under disproportionate deforestation threat. *Proceedings of the National Academy of Sciences*, 109 (19), 7368–7373.
<http://dx.doi.org/10.1073/pnas.1113867109>
- Heatwole, H. (1996) Ant assemblages at their dry limits: the northern Atacama Desert, Peru, and the Chott El Djerid, Tunisia. *Journal of Arid Environments*, 33, 449–456.
<http://dx.doi.org/10.1006/jare.1996.0080>
- Janzen, D.H. (1973) Sweep samples of the tropical foliage insects: effects of seasons, vegetation types, elevation, time of day, and insularity. *Ecology*, 54, 687–708.
<http://dx.doi.org/10.2307/1935359>
- Kempf, W.W. (1972a) Catálogo abreviado das formigas da região Neotropical. *Studia Entomologica*, 15, 3–344.
- Kempf, W.W. (1972b) A new species of the dolichoderine ant genus *Monacis* Roger, from the Amazon, with further remarks on the genus (Hymenoptera, Formicidae). *Revista Brasileira de Biologia*, 32, 251–254.
- Kempf, W.W. & Lenko, K. (1968) Novas observações e estudos sobre *Gigantiops destructor* (Fabricius) (Hymenoptera: Formicidae). *Papéis Avulsos de Zoologia (São Paulo)*, 21, 209–230.
- Klingenberg, C. & Brandão, C.R.F. (2009) Revision of the fungus-growing ant genera *Mycetophylax* Emery and *Paramycetophylax* Kusnezov rev. stat., and description of *Kalathomyrmex* n. gen. (Formicidae: Myrmicinae: Attini). *Zootaxa*, 2052, 1–31.
- Kugler, C. (1994) A revision of the ant genus *Rogeria* with description of the sting apparatus (Hymenoptera: Formicidae). *Journal of Hymenoptera Research*, 3, 17–89.

- Kusnezov, N. (1957) Numbers of species of ants in faunae of different latitudes. *Evolution*, 11, 298–299.
<http://dx.doi.org/10.2307/2405793>
- Lach, L., Parr, C.L. & Abbott, K.L. (Eds.) (2010) *Ant Ecology*. Oxford University Press, Oxford, 429 pp.
- LaPolla, J.S. (2004) *Acropyga* (Hymenoptera: Formicidae) of the world. *Contributions of the American Entomological Institute*, 33(3), 1–130.
- Lattke, J.E. (1990) A new genus of myrmicine ants (Hymenoptera: Formicidae) from Venezuela. *Entomologica Scandinavica* 21, 73–178.
<http://dx.doi.org/10.1163/187631290X00120>
- Lattke, J.E. (1997) Revisión del género *Apterostigma* Mayr (Hymenoptera: Formicidae). *Arquivos de Zoologia (São Paulo)*, 34, 121–221.
<http://dx.doi.org/10.11606/issn.2176-7793.v34i5p121-221>
- Lattke, J.E. (1999) A new species of fungus-growing ant and its implications for attine phylogeny (Hymenoptera: Formicidae). *Systematic Entomology*, 24, 1–6.
<http://dx.doi.org/10.1046/j.1365-3113.1999.00061.x>
- Lattke, J.E. (2011) Revision of the New World species of the genus *Leptogenys* Roger (Insecta: Hymenoptera: Formicidae: Ponerinae). *Arthropod Systematics and Phylogeny*, 69, 127–264.
- Liceras, L. (1968) La hormiguilla destructora de pastos *Acromyrmex landolti* (Forel, 1884) (Hymenoptera: Formicidae) en el departamento de San Martín. *Revista Peruana de Entomología*, 11 (1), 3–8.
- Longino, J.T. (1989) Taxonomy of the *Cecropia*-inhabiting ants in the *Azteca alfari* species group (Hymenoptera: Formicidae): evidence for two broadly sympatric species. *Contribution in Science (Los Angeles)*, 412, 1–16.
- Longino, J.T. (2003) The *Crematogaster* (Hymenoptera, Formicidae, Myrmicinae) of Costa Rica. *Zootaxa*, 151, 1–150.
- Longino, J.T. (2006) A taxonomic review of the genus *Myrmelachista* (Hymenoptera: Formicidae) in Costa Rica. *Zootaxa*, 1141, 1–54.
- Longino, J.T. (2007) A taxonomic review of the genus *Azteca* (Hymenoptera: Formicidae) in Costa Rica and a global revision of the aurita group. *Zootaxa*, 1491, 1–63.
- Longino, J.T. & Snelling, R.R. (2002) A taxonomic revision of the *Procryptocerus* (Hymenoptera: Formicidae) of Central America. *Contribution in Science (Los Angeles)*, 495, 1–30.
- Mackay, W.P. (1993) A review of the New World ants of the genus *Dolichoderus* (Hymenoptera: Formicidae). *Sociobiology*, 22, 1–148.
- Mackay, W.P. (1996) A revision of the ant genus *Acanthostichus* (Hymenoptera: Formicidae). *Sociobiology*, 27, 129–179.
- Mackay, W.P. (1997) A revision of the Neotropical ants of the genus *Camponotus*, subgenus *Myrmostenus* (Hymenoptera: Formicidae). *Proceedings of the Entomological Society of Washington*, 99, 194–203.
- Mackay, W.P. (2014) Revision of the New World Ants of the genus *Camponotus*. Manuscript. Available from: <http://www.utep.edu/leb/ants/Camponotus.htm> (accessed 5 June 2014) [in preparation]
- Mackay, W.P. & Mackay, E. (2010) *The Systematics and Biology of the New World Ants of the Genus Pachycondyla (Hymenoptera: Formicidae)*. Edwin Mellen Press, Lewiston, Queenston, Lampeter, xii + 642 pp.
- Mackay, W.P., Maes, J.M., Fernández, P.R. & Luna, G. (2004) The ants of North and Central America: the genus *Myocepurus* (Hymenoptera: Formicidae). *Journal of Insect Science (Tucson)*, 4 (27), 1–7.
<http://dx.doi.org/10.1673/031.004.2701>
- Mayr, G. (1866) Myrmecologische Beiträge. *Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften. Mathematisch-naturwissenschaftliche Classe, Abteilung I*, 53, 484–517.
- MINAM (2010) El Quinto Informe Nacional del Perú ante el Convenio sobre la Diversidad Biológica (2010–2013). Ministerio del Ambiente del Perú. Available from: http://www.minam.gob.pe/wp-content/uploads/2014/03/V_Inf_peru_v3_260314-1.pdf (accessed 7 November 2014)
- Ness, J., Mooney, K. & Lach, L. (2010) Ants as Mutualists. In: Lach L., Parr, C. & Abbott, K.L. (Eds.), *Ant Ecology*. Oxford University Press, Oxford, pp. 59–74.
- O'Donnell, S., Lattke, J., Powell, S. & Kaspari, M. (2007) Army ants in four forests: geographic variation in raid rates and species composition. *Journal of Animal Ecology*, 76, 580–589.
<http://dx.doi.org/10.1111/j.1365-2656.2007.01221.x>
- Ortiz, P. & Raven, K. (1972) Catálogo preliminar del Museo de Entomología de la Universidad Nacional Agraria La Molina. Dpto Sanidad Vegetal. La Molina, Lima, 238 leaves. [Escalante-Guitérrez (1993)]
- Pacheco, J.A. & Mackay, W.P. (2013) *The systematics and biology of the New World thief ants of the genus Solenopsis (Hymenoptera: Formicidae)*. Edwin Mellen Press, Lewiston, Queenston, Lampeter, 501 pp.
- Pardo, V.R. (1964) Clave para identificar los Formicidae de la provincia de Chiclayo. *Revista Peruana de Entomología*, 7 (1), 98–102.
- Philpott, S.M. & Armbrrecht, I. (2006) Biodiversity in tropical agroforests and the ecological role of ants and ant diversity in predatory function. *Ecological Entomology*, 31, 369–377.
<http://dx.doi.org/10.1111/j.1365-2311.2006.00793.x>
- Ramírez, S. & Cameron, S.A. (2003) Army ant attacks by *Eciton hamatum* and *E. rapax* (Hymenoptera: Formicidae) on nests of the Amazonian bumble bee, *Bombus transversalis* (Hymenoptera: Apidae). *Journal of the Kansas Entomological Society*, 76 (3), 533–535.

- Rasmussen, C. & Lamas, G. (2011) Catalog of entomological types in the Museo de Historia Natural (MUSM), Universidad Nacional Mayor de San Marcos, Lima, Peru: Hymenoptera. *Revista Peruana de Entomología*, 46 (2), 51–58.
- Reynel, C., Pennington, R.T. & Särkinen, T. (2013) *Cómo se formó la diversidad ecológica del Perú*. Imprenta Jesús Bellido M., Lima, 412 pp.
- Rodriguez, J., Calle, Z. & Montoya-Lerma, J. (2008) Herbivory of *Atta cephalotes* (Hymenoptera: Myrmicinae) on three plant substrates. *Revista Colombiana de Entomología*, 34, 156–162.
- Sanders, D. & van Veen, F.J.F. (2011) Ecosystem engineering and predation: the multitrophic impact of two ant species. *Journal of Animal Ecology*, 80 (3), 569–576.
<http://dx.doi.org/10.1111/j.1365-2656.2010.01796.x>
- Sanders, N.J. (2002) Elevational gradients in ant species richness: area, geometry, and Rapoport's rule. *Ecogeography*, 25, 25–32.
<http://dx.doi.org/10.1034/j.1600-0587.2002.250104.x>
- Santschi, F. (1921) Ponerinae, Dorylinae et quelques autres formicides néotropiques. *Bulletin de la Société Vaudoise des Sciences Naturelles*, 54, 81–103.
- Schmidt, C.A. & Shattuck, S.O. (2014) The Higher Classification of the Ant Subfamily Ponerinae (Hymenoptera: Formicidae), with a Review of Ponerine Ecology and Behavior. *Zootaxa*, 3817 (1), 1–242.
<http://dx.doi.org/10.11646/zootaxa.3817.1.1>
- Shattuck, S.O. (1994) Taxonomic catalog of the ant subfamilies Aneuretinae and Dolichoderinae (Hymenoptera: Formicidae). *University of California Publications in Entomology*, 112, i–xix, 1–241.
- Snelling, R.R. & Hunt, J.H. (1975) The ants of Chile (Hymenoptera: Formicidae). *Revista Chilena de Entomología*, 9, 63–129.
- Snelling, R.R. & Longino, J.T. (1992) Revisionary notes on the fungus-growing ants of the genus *Cyphomyrmex*, rimosus group (Hymenoptera: Formicidae: Attini). In: Quintero, D. & Aiello, A. (Eds.) *Insects of Panama and Mesoamerica: selected studies*. Oxford University Press, Oxford, pp. 479–494.
- Soukup, J. (1943) Algunos himenópteros peruanos. *Boletín del Museo de Historia Natural "Javier Prado"*, 7, 253–274.
- Tobin, J.E. (1998) [1997] Competition and coexistence of ants in a small patch of rainforest canopy in Peruvian Amazonia. *Journal of the New York Entomological Society*, 105, 105–112.
- Trager, J.C. (1991) A revision of the fire ants, *Solenopsis geminata* group (Hymenoptera: Formicidae: Myrmicinae). *Journal of the New York Entomological Society*, 99, 141–198.
- Verhaagh, M., Veeresh, G.K., Mallik, B. & Viraktamath, C.A. (1990) The Formicidae of the rain forest in Panguana, Peru: the most diverse local ant fauna ever recorded. In: *Social insects and the environment Proceedings of the 11th International Congress of IUSSI*. Oxford & IBH Publishing Co, New Delhi, pp. 217–218.
- Ward, P.S. (1985) The Nearctic species of the genus *Pseudomyrmex* (Hymenoptera: Formicidae). *Quaestiones Entomologicae*, 21, 209–246.
- Ward, P.S. (1989) Systematic studies on pseudomyrmecine ants: revision of the *Pseudomyrmex oculatus* and *P. subtilissimus* species groups, with taxonomic comments on other species. *Quaestiones Entomologicae*, 25, 393–46.
- Ward, P.S. (1999) Systematics, biogeography and host plant associations of the *Pseudomyrmex viduus* group (Hymenoptera: Formicidae), *Triplaris*- and *Tachigali*-inhabiting ants. *Zoological Journal of the Linnean Society*, 126, 451–540.
<http://dx.doi.org/10.1111/j.1096-3642.1999.tb00157.x>
- Weber, N.A. (1943) The ants of the Imatong Mountains, Anglo-Egyptian Sudan. *Bulletin of the Museum of Comparative Zoology*, 93, 263–389.
- Wetterer, J.K. (2009) Worldwide spread of the ghost ant, *Tapinoma melanocephalum* (Hymenoptera: Formicidae). *Myrmecological News*, 12, 23–33.
- Wetterer, J.K. (2012) Worldwide spread of the African big-headed ant, *Pheidole megacephala* (Hymenoptera: Formicidae). *Myrmecological News*, 17, 51–62.
- Wheeler, W.M. (1925) Neotropical Ants in the collections of the Royal Museum of Stockholm I. *Arkiv för zoologi*, 17A (8), 1–55.
- Wheeler, W.M. (1936) Ecological relations of ponerine and other ants to termites. *Proceedings of the American Academy of Arts and Sciences*, 71, 159–243.
<http://dx.doi.org/10.2307/20023221>
- Wild, A.L. (2005) Taxonomic revision of the *Pachycondyla apicalis* species complex (Hymenoptera: Formicidae). *Zootaxa*, 834, 1–25.
- Wild, A.L. (2007a) A catalogue of the ants of Paraguay (Hymenoptera: Formicidae). *Zootaxa*, 1622, 1–55.
- Wild, A.L. (2007b) Taxonomic revision of the ant genus *Linepithema* (Hymenoptera: Formicidae). *University of California Publications in Entomology*, 126, 1–158.
- Wild, A.L. (2015) Ants of Paraguay. *AntWeb*. Available from: <http://www.antweb.org/page.do?name=paraguay> (accessed 23 February 2015)
- Wilson, E.O. (1976) Which are the most prevalent ant genera? *Studia Entomologica*, 19, 187–200.
- Wilson, E.O. (2003) *Pheidole in the New World: A dominant, hyperdiverse ant genus*. Harvard University Press, Cambridge, Massachusetts, [ix] + 794 pp.

Tatuidris tatusia Brown & Kempf, 1968: casent0178882, fmnhins0000095834, fmnhins0000095835; *Prionopelta antillana* Forel, 1909: antweb1008581, casent0635236, casent0635250, casent0635261; *Azteca alfari* Emery, 1893: jtlc000007971; *Azteca aurita* Emery, 1893: jtlc000008373; *Azteca australis* Wheeler W. M. 1942: casent0249592, jtlc000008098, lacm ent 144368-144375, lacm ent 144377-144383; *Azteca bequaerti* Wheeler & Bequaert, 1929: casent0625404-0625406; *Azteca depilis* Emery, 1893: jtlc000005820, jtlc000005822; *Azteca emeryi* Forel, 1904: jtlc000008469; *Azteca flavigaster* Longino, 2007: jtlc000009525; *Azteca jelskii* Emery, 1893: jtl073573, jtl073575, jtlc000005814; *Azteca muelleri* Emery, 1893: casent0249596, lacm ent 144355-144360; *Azteca ovaticeps* Forel, 1904: jtlc000008004; *Azteca petalocephala* Longino, 1991: casent0249598, lacm ent 144362-144363, lacm ent 144365-144367; *Dolichoderus attelabooides* (Fabricius, 1775): fmnhins0000045049-0000045052; *Dolichoderus bidens* (Linnaeus, 1758): casent0217392; *Dolichoderus bispinosus* (Olivier, 1792): casent0635263; *Dolichoderus debilis* Emery, 1890: jtlc000001670; *Dolichoderus decollatus* Smith F., 1858: anic32-061402; *Dolichoderus ferrugineus* Forel, 1903: casent0217396; *Dolichoderus imitator* Emery, 1894: anic32-061582; *Dolichoderus mesonotalis* Forel, 1907: casent0249649; *Dolichoderus quadridenticulatus* (Roger, 1862): casent0217400; *Dolichoderus rosenbergi* Forel, 1911: anic32-061403-32-061404, anic32-061580, casent0217401; *Dolichoderus rugosus* (Smith, F., 1858): casent0249665; *Dolichoderus spinicollis* (Latreille, 1817): casent0217405; *Dolichoderus spurius* Forel, 1903: casent0249638; *Linepithema angulatum* (Emery, 1894): casent0013170, casent0013175, casent0013209, casent0013242, casent0013243; *Linepithema fuscum* Mayr, 1866: casent0013368-0013372, casent0013376-0013378, casent0106976; *Linepithema gallardoi* (Brèthes, 1914): casent0013418, casent0013422, casent0013426, casent0013432; *Linepithema humile* (Mayr, 1868): casent0013723; *Linepithema iniquum* (Mayr, 1870): casent0013922, casent0013942, casent0013959; *Linepithema neotropicum* Wild, 2007: casent0014331, casent0014335, casent0014348, casent0014412; *Cerapachys neotropicus* Weber, 1939: fmnhins0000095751, fmnhins0000101742; *Cheliomyrmex andicola* Emery, 1894: casent0903718; *Eciton burchellii* (Westwood, 1842): casent0003205, fmnhins0000045231, lacm ent 144237; *Eciton hamatum* (Fabricius, 1782): casent0217470; *Eciton lucanoides* Emery, 1894: casent0903719; *Eciton rapax* Smith F., 1855: casent0217473; *Labidus praedator* (Smith F., 1858): casent0635249; *Nomamyrmex hartigii* (Westwood, 1842): casent0637528-0637529; *Ectatomma edentatum* Roger, 1863: casent0281502, casent0635251, casent0907179; *Ectatomma lugens* Emery, 1894: casent0635262, casent0637615, jtl726769, jtl726828, jtl726857; *Ectatomma tuberculatum* (Olivier, 1792): fmnhins0000045652-0000045661, fmnhins0000057153, fmnhins0000057228-0000057234; *Gnamptogenys acuta* (Brown, 1956): casent0217479; *Gnamptogenys annulata* (Mayr, 1887): casent0217480, casent0281514; *Gnamptogenys boliviensis* Lattke, 1995: casent0179975; *Gnamptogenys concinna* (Smith F., 1858): casent0903847; *Gnamptogenys haenschei* (Emery, 1902): casent0179994, casent0637586; *Gnamptogenys horni* (Santschi, 1929): casent0635260, casent0637585; *Gnamptogenys pleurodon* (Emery, 1896): casent0217486; *Gnamptogenys porcata* (Emery, 1896): casent0635228; *Gnamptogenys striatula* Mayr, 1884: casent0637584, casent0637599; casent0635232; *Typhlomyrmex rogenhoferi* Mayr, 1862: casent0000005, casent0004699-0004700, casent0106082, casent0106082-d01, casent0106082-d11; *Brachymyrmex myops* Emery, 1906: casent0249948; *Camponotus banghaasi* Emery, 1903: casent0217611, casent0905535, casent0905536; *Camponotus bruchi* Forel, 1912: casent0905206; *Camponotus cacticus* Emery, 1903: casent0217618, casent0905224, casent0905225; *Camponotus cameroni* Forel, 1892: casent0217620; *Camponotus canescens* Mayr, 1870: casent0217621; *Camponotus circularis rufitibia* Emery, 1920: casent0905525; *Camponotus convexiclypeus* Mackay, 1997: castype17341; *Camponotus cuneidorsus* Emery, 1920: casent0905519; *Camponotus femoratus* (Fabricius, 1804): casent0217649, fmnhins0000046086; *Camponotus haematocephalus* Emery, 1903: casent0905223; *Camponotus hippocrepis* Emery, 1920: casent0280160; *Camponotus humeralis* Emery, 1920: casent0905533; *Camponotus inca* Emery, 1903: casent0905481; *Camponotus latangulus* Roger, 1863: casent0217670; *Camponotus longipilis* Emery, 1911: casent0905508; *Camponotus medeus* Emery, 1920: casent0905499-0905500; *Camponotus minozzii* Emery, 1920: casent0905199; *Camponotus mirabilis* Emery, 1903: casent0249616, casent0280166, casent0905507, fmnhins0000045805-0000045810, fmnhins0000062969; *Camponotus mocsaryi* Forel, 1902: casent0280164; *Camponotus orthocephalus* Emery 1894: casent0217681; *Camponotus pittieri* Forel, 1899: casent0905517; *Camponotus postangulatus* Emery, 1911: casent0905509; *Camponotus propinquellus* Emery, 1920: casent0905518; *Camponotus rectangularis* Emery, 1890: casent0227884; *Camponotus senex* (Smith F., 1858): casent0280095-0280096; *Camponotus sexguttatus* (Fabricius, 1793): casent0227882; *Camponotus sphenoccephalus* Emery, 1911: casent0905510; *Camponotus trapezoideus* Mayr, 1870: casent0217709; *Camponotus wytsmani* Emery, 1920: casent0217717; *Camponotus zoc* Forel, 1879: casent0217720; *Gigantiops destructor* (Fabricius, 1804): casent0006124, casent0103316, fmnhins0000046504, lacm ent 144239; *Acanthoponera peruviana* Brown, 1958: castype06889; *Acanthognathus brevicornis* Smith, M.R. 1944: casent0637708; *Acanthognathus teleductus* Brown & Kempf, 1969: casent0637592; *Acromyrmex aspersus* (Smith F., 1858): casent0904994; *Adelomyrmex striatus* Fernández, 2003: casent0629013, casent0629017-0629018, casent0637587, jtl726380; *Allomerus octoarticulatus* Mayr, 1878: casent0006137, casent0637996, jtlc000006093-000006096; *Atta cephalotes* (Linnaeus, 1758): acm ent 144240; *Basiceros conjugans* Brown, 1974: casent0637518, casent0637530, mek65114; *Basiceros disciger* (Mayr, 1887): fmnhins0000095854-0000095859; *Basiceros militaris* (Weber, 1950): casent0635255, casent0637709, jtl726118, jtl726141, jtl726153, jtl726298, jtl726876, jtl726905; *Basiceros scambognathus* (Brown, 1949): casent0066444; *Basiceros singularis* (Smith, F., 1858): casent0637535-0637536, mek65041; *Carebara anophthalma* (Emery, 1906): casent0637532; *Carebara inca* Fernández, 2004: casent0195774, casent0902398; *Carebara peruviana* (Emery, 1906): casent0904673; *Carebara urichi* (Wheeler W. M., 1922):

casent0637588; *Cephalotes atratus* (Linnaeus, 1758): casent0106296, casent0319062, casent0319064-0319065, casent0319141-0319143; casent0319145, casent0319150, casent0319155, casent0319157, fmnhins0000047706, fmnhins0000047707, fmnhins0000047719; *Cephalotes depressus* (Klug, 1824): casent0319161; *Cephalotes foliaceus* (Emery, 1906): casent0904925; *Cephalotes inca* (Santschi, 1911): casent0319067; *Cephalotes maculatus* (Smith F., 1876): casent0319163; *Cephalotes opacus* Santschi, 1920: casent0217839, casent0319175, casent0637514, lacm ent 143902; *Cephalotes pavonii* (Latreille, 1809): casent0217841; *Cephalotes placidus* (Smith F., 1860): casent0217842, casent0319180-0319182; *Cephalotes pusillus* (Klug, 1824): casent0227878, casent0319187; *Cephalotes serraticeps* (Smith F., 1858): lacm ent 144238; *Cephalotes spinosus* (Mayr, 1862): casent0217844, casent0319190, casent0909271, lacm ent 143942; *Crematogaster acuta* (Fabricius, 1804): jtl0001177, jtlc000001685, lacm ent 144436, lacm ent 144437, lacm ent 145018-145020; *Crematogaster arcuata* Forel, 1899: jtlc000001679, jtlc000001680, lacm ent 144672; *Crematogaster brasiliensis* Mayr, 1878: jtl135283, jtlc000001275-000001284, jtlc000001686, lacm ent 145078, lacm ent 145078, Lacm-ent-145093; *Crematogaster carinata* Mayr, 1862: jtl053227, jtl135282, jtlc000001669, jtlc000001671, jtlc000001674, jtlc000001677, jtlc000001681, jtlc000001684, lacm ent 144794-144800, lacm ent 144859, lacm ent 144877-144981; *Crematogaster crinosa* Mayr, 1862: jtl0001254, jtlc000001823-000001829; *Crematogaster curvispinosa* Mayr, 1862: jtlc000000998-000001000, jtlc000001060-000001062; *Crematogaster distans* Mayr, 1870: jtl135285; *Crematogaster egregior* Forel, 1912: casent0635242, jtlc000001258, lacm ent 144673; *Crematogaster erecta* Mayr, 1866: jtlc000001979-000001984, lacm ent 145030; *Crematogaster laevis* Mayr, 1878: jtlc000001327-000001334; *Crematogaster levior* Longino, 2003: jtl135281, jtlc000001673, jtlc000002532, lacm ent 144850-144858, lacm ent 144860-144876, lacm ent 144884-144886, lacm ent 144892-144893; *Crematogaster limata* Smith F., 1858: jtl135279, jtlc000000965-jtlc000000965-000000966, jtlc000001676, jtlc000001678, jtlc000001682-000001683, lacm ent 144671, lacm ent 144910-144912, lacm ent 144914-144915, lacm ent 144974; *Crematogaster nigropilosa* Mayr, 1870: jtlc000001193-000001194, jtlc000001197, jtlc000001672, jtlc000001675, lacm ent 145081-145083, lacm ent 145085; *Crematogaster nitidiceps* Emery, 1895: jtl052391, jtlc000001352, lacm ent 144674; *Crematogaster quadriformis* Roger, 1863: jtl0001520; *Crematogaster rochai* Forel, 1903: jtlc000000934; *Crematogaster sotobosque* Longino, 2003: jtl135280, jtlc000001226-000001230, lacm ent 144670, lacm ent 145086-145088; *Crematogaster stollii* Forel, 1885: jtl0001563, jtl053226, jtlc000001994-000001998; *Crematogaster tenuicula* Forel, 1904: casent0914648, jtl135284, jtlc000001300-000001303; *Crematogaster torosa* Mayr, 1870: jtlc000000913, jtlc000001904-000001905; *Cyphomyrmex costatus* Mann, 1922: jtl726835; *Cyphomyrmex laevigatus* Weber, 1938: casent0637598; *Eurhopalothrix bolau* (Mayr, 1870): fmnhins0000095924-0000095925, fmnhins0000095945-0000095946; *Eurhopalothrix pilulifera* Brown & Kempf, 1960: casent0636247; *Hylomyrma immanis* Kempf, 1973: casent0637526-0637527, casent0637582; *Megalomyrmex foreli* Emery, 1890: casent0904610; *Megalomyrmex incisus* Smith M.R 1947.: casent0066434, casent0066603, casent0066610, casent0637505, casent0637593, casent0637710, jtl726111, jtl726335, jtl726742, jtlc000015298; *Megalomyrmex mondaboroides* Longino, 2010: casent0637506; *Megalomyrmex silvestrii* Wheeler W. M., 1909: casent0637504; *Megalomyrmex staudingeri* Emery, 1890: casent0635258, casent0904607; *Myocepurus smithii* (Forel, 1893): casent0635259; *Myrmicocrypta collaris* Emery, 1913: usnment00445576-00445577; *Myrmicocrypta triangulata peruviana* Emery, 1913: usnment00445574; *Nesomyrmex rutilans* (Kempf, 1958): casent0637614; *Ochetomyrmex neopolitus* Fernandez, 2003: casent0635233, jtlc000003297; *Octostruma amrishi* (Makhan, 2007): casent0637581, jtl726264, jtl726451, jtl726496, mcz-ent00510999-00511000; *Octostruma balzani* (Emery, 1894): casent0246082, casent0637600-0637601, casent0637707, fmnhins0000095882, mcz-ent00510989, mcz-ent00510998, mcz-ent00511285-00511291; *Octostruma batesi* (Emery, 1894): casent0637525; *Octostruma betschi* Perrault, 1988: casent0637594, casent0637596-0637597, jtl726101, jtl726113, jtl726144, jtl726165, jtl726171, jtl726360, jtl726375, jtl726387, jtl726553, jtl726571, jtl726598, jtl726616, jtl726628, jtl726637, jtl726683, jtl726763, jtl726784, mcz-ent00511298, mcz-ent00511312; *Octostruma iheringi* (Emery, 1888): casent0635248, casent0637610; *Octostruma inca* Brown & Kempf, 1960: mcz-ent00030879, mcz-ent00303381; *Octostruma megabalzani* Longino, 2013: mcz-ent00510986-00510988, mcz-ent00510990-510996, mcz-ent00511302; *Oxyepoecus quadratus* Albuquerque & Brandão, 2004: casent0637517; *Pheidole amazonica* Wilson, 2003: jtlc000016319; *Pheidole asperithorax* Emery, 1894: casent0625433, jtlc000016323; *Pheidole astur* Wilson, 2003: casent0625434, casent0636499-0636500, jtlc000016324; *Pheidole biconstricta* Mayr, 1870: jtlc000016577; *Pheidole capillata* Emery, 1906: casent0624240, jtlc000016338; *Pheidole caracalla* Wilson, 2003: casent0624241-0624243, jtlc000016339; *Pheidole carapuna* Mann, 1916: casent0636489-0636494, jtlc000016562; *Pheidole cardiella* Wilson, 2003: casent0624244, jtlc000016340; *Pheidole cramptoni* Wheeler W. M., 1916: casent0339774; *Pheidole crozieri* Wilson, 2003: jtlc000016353-000016354; *Pheidole cuevasi* Wilson, 2003: casent0627920, jtlc000016355; *Pheidole cuprina* Wilson, 2003: casent0627921, jtlc000016356; *Pheidole cursor* Wilson, 2003: casent0627922, jtlc000016357; *Pheidole davidsonae* Wilson, 2003: jtlc000016359; *Pheidole demeter* Wilson, 2003: jtlc000016363; *Pheidole fissiceps* Wilson, 2003: jtlc000016374; *Pheidole gagates* Wilson, 2003: jtlc000016381; *Pheidole galba* Wilson, 2003: jtlc000016382; *Pheidole gemmula* Wilson, 2003: jtlc000016386; *Pheidole gilva* Wilson, 2003: jtlc000016389; *Pheidole huacana* Wilson, 2003: jtlc000016407; *Pheidole inca* Wilson, 2003: jtlc000016410; *Pheidole innupta* Menozzi, 1931: casent0636507-0636512; *Pheidole kugleri* Wilson, 2003: jtlc000016420; *Pheidole laidlowi* Mann, 1916: jtlc000016425; *Pheidole lanigera* Wilson, 2003: jtlc000016427; *Pheidole leonina* Wilson, 2003: jtlc000016432; *Pheidole leptina* Wilson, 2003: jtlc000016433; *Pheidole longiseta* Wilson, 2003: jtlc000016438; *Pheidole lupus* Wilson, 2003: jtlc000016441; *Pheidole machetula* Wilson, 2003: jtlc000016442; *Pheidole manuana* Wilson, 2003: casent0636495-0636498, jtlc000016447; *Pheidole meinerti* Forel, 1905: jtlc000016448; *Pheidole meinertopsis* Wilson, 2003: jtlc000016449; *Pheidole minax* Wilson, 2003: jtlc000016455; *Pheidole minutula* Mayr, 1878: jtlc000016456; *Pheidole nasifera* Wilson, 2003: jtlc000016468; *Pheidole obrima* Wilson, 2003: casent0636501-0636506;

Pheidole peruviana Wilson, 2003: jtlc000016491; *Pheidole pholeops* Wilson, 2003: jtlc000016491; *Pheidole polita* Emery, 1894: jtlc000016496; *Pheidole sabella* Wilson, 2003: jtlc000016515; *Pheidole scimitara* Wilson, 2003: jtlc000016523; *Pheidole scolioceps* Wilson, 2003: jtlc000016524; *Pheidole sospes* Forel, 1908: jtlc000016533; *Pheidole tambopatae* Wilson, 2003: jtlc000016549; *Pheidole tobini* Wilson, 2003: jtlc000016557; *Pheidole vorax* (Fabricius, 1804): casent0339773; *Pheidole weiseri* Santschi, 1923: casent0624282-0624287; *Pheidole zeteki* Smith M. R., 1947: jtlc000016581; *Pogonomyrmex naegelii* Emery, 1878: casent0195518; *Procryptocerus attenuatus* (Smith F., 1876): lacm ent 141317-141319; *Procryptocerus elegans* Santschi, 1921: jtl0003757; *Procryptocerus mayri* Forel, 1899: lacm ent 139867; *Procryptocerus pictipes* Emery, 1896: jtl0003872, lacm ent 140138-140140; lacm ent 141724-141725, lacm ent 144273; *Procryptocerus spiniperdus* Forel, 1899: jtl0004058, lacm ent 140483-140484, lacm ent 140488, lacm ent 140493-140500; *Procryptocerus subpilosus* (Smith F., 1860): lacm ent 140646, lacm ent 141729-lacm ent 141733; *Rogeria blanda* (Smith F., 1858): casent0637519; *Rogeria lirata* Kugler, 1994: casent0637591; *Rogeria scobinata* Kugler, 1994: casent0637603, casent0900954; *Solenopsis weyrauchi* Trager, 1991: casent0902356; *Stegomyrmex connectens* Emery, 1912: casent0637520, casent0904965, fmnhins0000095829; *Strumigenys depressiceps* Weber, 1934: casent0217920, casent0637508, jtl726801; *Strumigenys metopia* (Brown, 1959): casent0281983, casent0635243; *Strumigenys tridifera* Kempf & Brown, 1969: casent0635244; *Strumigenys villiersi* (Perrault, 1986): casent0637534; *Tetramorium caldarium* (Roger, 1857): casent0195718, casent0195727; *Tranopelta gilva* Mayr, 1866: casent0010793; *Wasmannia auropunctata* (Roger, 1863): jtl726124, jtl726161, jtl726185, jtl726226, jtl726251, jtl726368, jtl726373, jtl726459, jtl726555, jtl726588, jtl726594, jtl726603, jtl726622, jtl726633, jtl726640, jtl726690, jtl726694, jtl726748, jtl726755; *Wasmannia scrobifera* Kempf, 1961: casent0637516; *Paraponera clavata* (Fabricius, 1775): casent0637533, casent0000082, casent0003165, casent0248685-d40, casent0501765, fmnhins0000050268-0000050269, fmnhins0000050274-0000050276, fmnhins0000050278-0000050279, fmnhins0000050281-0000050282, fmnhins0000050284, fmnhins0000050295, fmnhins0000050298-0000050302, fmnhins0000050308-0000050309, fmnhins0000050312-0000050316, fmnhins0000050324, fmnhins0000050332; *Anochetus mayri* Emery, 1884: casent0635265; *Dinoponera longipes* Emery, 1901: casent0004663, casent0004663-d01, casent0004663-d11, casent0004663-res, casent0217518, casent0260422, lacm ent 142750; *Dinoponera quadriceps* Kempf, 1971: fmnhins0000050367-f0000050369; *Hypoponera opaciceps* (Mayr, 1887): casent0246006; *Hypoponera opacior* (Forel, 1893): casent0635603; *Leptogenys peruana* Latke, 2011: casent0178817, casent0248749; *Mayaponera constricta* (Mayr, 1884): casent0637607, jtl726432, jtl726910; fmnhins0000050463; *Neoponera antecurvata* (Mackay & Mackay, 2010): jtl021981; *Neoponera apicalis* (Latreille, 1802): casent0009258, casent0009283, casent0009290, casent0009313, casent0011130, casent0011531, casent0011553, casent0011563, casent0011569, casent0011602, casent0011631, casent0317486; fmnhins0000050449-0000050450; *Neoponera fauveli* Emery, 1895: casent0249142; *Neoponera foetida* (Linnaeus, 1758): casent0217560, casent0249144; *Neoponera luteola* (Roger, 1861): casent0217565, casent0915467, lacm ent 142424; *Neoponera oberthueri* (Emery, 1890): fmnhins0000050478-0000050481; *Neoponera obscuricornis* (Emery, 1890): casent0009302, casent0009314, casent0011550; *Neoponera rugosula* Emery, 1902: casent0903885, jtl021970-021972, jtl021978; *Neoponera unidentata* (Mayr, 1862): fmnhins0000050505, jtl056032, jtl056033; *Neoponera verenae* Forel, 1922: casent0009274, casent0011124, casent0011131, casent0011549, casent0011603, casent0011632; *Neoponera villosa* (Fabricius, 1804): casent0317469-0317471; *Odontomachus bauri* Emery, 1892: casent0172630; *Odontomachus biumbonatus* Brown, 1976: casent0217537; *Odontomachus hastatus* (Fabricius, 1804): casent0221727, casent0221728; *Odontomachus ruginodis* Smith, M. R., 1937: casent0221768; *Pachycondyla crassinoda* (Latreille, 1802): casent0217556, fmnhins0000050464, lacm ent 144234-144235; *Pachycondyla harpax* (Fabricius, 1804): casent0637612, casent0637711; *Pachycondyla impressa* (Roger, 1861): jtl056029; *Pachycondyla inca* Emery, 1901: casent0903888; *Platythyrea sinuata* (Roger, 1860): casent0217573; *Pseudoponera gilberti* (Kempf, 1960): casent0637583; *Pseudoponera stigma* (Fabricius, 1804): fmnhins0000050484-0000050485; fmnhins0000050498; *Pseudoponera succedanea* (Roger 1963): jtl021928-021929; *Rasopone arhuaca* (Forel, 1901): casent0066429, casent0094681, casent0317479, jtl726389; *Rasopone pergandei* (Forel, 1909): casent0066618; *Simopelta laticeps* Gotwald & Brown, 1967: castype09451; *Thaumatomyrmex atrox* Weber, 1939: casent0010852, jtl021532; *Probolomyrmex boliviensis* Mann, 1923: casent0102223, casent0635229; *Pseudomyrmex alustratus* Ward, 1989: casent0902917; *Pseudomyrmex cladoicus* (Smith F., 1858): casent0005834; *Pseudomyrmex crudelis* Ward, 1999: casent0902863; *Pseudomyrmex dendroicus* (Forel 1904): casent0217576; *Pseudomyrmex ethicus* (Forel, 1911): casent0217578; *Pseudomyrmex ferox* Ward, 1999: casent0902841; *Pseudomyrmex hospitalis* Ward, 1999: casent0005839, casent0902861; *Pseudomyrmex maculatus* (Smith F., 1855): casent0005841; *Pseudomyrmex perboscii* (Guérin-Ménéville, 1844): casent0902924; *Pseudomyrmex peruvianus* (Wheeler W. M., 1925): casent0217581; *Pseudomyrmex pisinnus* Ward, 1989: casent0005876; *Pseudomyrmex santschii* (Enzmann E. V., 1944): casent0005850; *Pseudomyrmex sericeus cordiae* (Forel, 1904): casent0907558; *Pseudomyrmex sericeus longior* (Forel, 1904): casent0907559; *Pseudomyrmex tachigaliae* (Forel, 1904): casent0907549; *Pseudomyrmex triplarinus* (Weddell, 1850): casent0217583.