



Digital supplementary material to

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Supporting Material for: de la Mora, Sankovitz, & Purcell. Ants (Hymenoptera: Formicidae) as host and intruder: recent advances and future directions in the study of exploitative strategies

Table S1: This table summarizes host/parasite relationships that have been described or discussed in the literature since 2000. Host and parasite nomenclature is up-to-date based on AntWeb.org, but note that some of the taxonomy is controversial and/or not fully resolved. Names are likely to change further in coming years. Due to changing nomenclature, it can be challenging to track which species have been well-studied. We provide recently changed species and genus names parenthetically. In addition, we have split this table to show recent taxonomic revisions, compilations (e.g. tables in empirical papers), reviews, books, or species descriptions supporting relationships between hosts and parasites in one column and articles studying characteristics of host/parasite relationships in a second column. For well-studied species, we limit the ‘primary research’ column to five citations, which are selected to cover different topics and different research teams when such diverse citations exist. Because of the active work on taxonomy in many groups, some misinformation has been inadvertently propagated in previous articles. We list relationships that need additional field observations and erroneous relationships in sections at the end of the table. Relationships that are likely but unconfirmed are also noted. ** Note that the nomenclature of *Teleutomyrmex* was recently revised (Ward & al. 2015), but that this classification is still a topic of discussion.

Social parasite species and subfamily	Host species and subfamily	Published descriptions or compilations	Primary research (since 2000)
<i>Dulosis</i>			
<i>Formica aserva</i> (=subnuda) (Wheeler, 1911) Formicinae	<i>Formica podzolica</i> (Francoeur, 1973) Formicinae	RUANO & al. 2019	SAVOLAINEN & DESLIPPE 2001
<i>Formica gynocrates</i> (Snelling & Buren, 1985) Formicinae	<i>Formica</i> sp. cf. <i>argentea</i> (Wheeler, 1912) Formicinae		BONO & al. 2006
<i>Formica pergandei</i> (Emery, 1893) Formicinae	<i>Formica glacialis</i> (Wheeler, 1908) Formicinae		APPLE & al. 2014
<i>Formica puberula</i> (Emery, 1893) Formicinae	<i>Formica occulta</i> (Francoeur, 1973) Formicinae		BONO & al. 2006
<i>Formica sanguinea</i> (Latreille, 1798) Formicinae	<i>Formica cunicularia</i> (Latreille, 1798) Formicinae	RUANO & al. 2019; SEIFERT 2018	
	<i>Formica fusca</i> (Linnaeus, 1758) Formicinae	RUANO & al. 2019; SEIFERT 2018	

	<i>Formica japonica</i> (Motschoulsky, 1866) Formicinae	RUANO & al. 2019	
	<i>Formica lemani</i> (Bondroit, 1917) Formicinae	RUANO & al. 2019	
	Additional <i>Formica</i> sp. (Subgenus <i>Serviformica</i>) Formicinae	SEIFERT 2018	MORI & al. 2001
	<i>Formica polyctena</i> (Förster, 1850) Formicinae	SEIFERT 2018	
	<i>Formica pratensis</i> (Retzius, 1783) Formicinae	RUANO & al. 2019; SEIFERT 2018 (Probable ephemeral host)	
	<i>Formica rufa</i> (Linnaeus, 1761) Formicinae	RUANO & al. 2019; SEIFERT 2018 (Probable ephemeral host)	
<i>Formica subintegra</i> (Wheeler, 1908) Formicinae	<i>Formica glacialis</i> (Wheeler, 1908) Formicinae		APPLE & al. 2014
	<i>Formica podzolica</i> (Francoeur, 1973) Formicinae		SAVOLAINEN & DESLIPPE 2001
<i>Myrmecocystus</i> <i>depilis</i> (Forel, 1901) Formicinae	<i>Myrmecocystus</i> <i>mimicus</i> (Wheeler, 1908) Formicinae		HÖLLDOBLER & al. 2011; KRONAUER & al. 2003
<i>Polyergus bicolor</i> (Wasmann, 1901) Formicinae	<i>Formica</i> <i>subaenescens</i> (Emery, 1893) Formicinae	TRAGER 2013	
<i>Polyergus breviceps</i> (Emery, 1893) Formicinae	<i>Formica altipetens</i> (Wheeler, 1913) Formicinae	TRAGER 2013	TORRES & TSUTSUI 2016
	<i>Formica canadensis</i> (Santschi, 1914) Formicinae	TRAGER 2013	
	<i>Formica montana</i> (Wheeler, 1910) Formicinae	TRAGER 2013	
	<i>Formica neoclara</i> (Emery, 1893) Formicinae	TRAGER 2013	

	<i>Formica occulta</i> (Francoeur, 1973) Formicinae	TRAGER 2013	BONO & al. 2006; BONO & al. 2007; JOHNSON 2000; JOHNSON & al. 2001; JOHNSON & al. 2005 <i>Studied before Trager's revision. May be P. mexicanus or P. topoffi</i>
	<i>Formica</i> sp. cf. <i>argentea</i> (Wheeler, 1912) Formicinae		BONO & al. 2006; BONO & al. 2007 <i>Studied before Trager's revision. Likely P. mexicanus.</i>
<i>Polyergus longicornis</i> (Smith, 1947) Formicinae	<i>Formica dolosa</i> (Buren, 1944) Formicinae	TRAGER 2013	KING & TRAGER 2007; MACGOWN & BROWN 2006
<i>Polyergus lucidus</i> (Mayr, 1870) Formicinae	<i>Formica archboldi</i> (Smith, 1944) Formicinae		KING & TRAGER 2007
	<i>Formica dolosa</i> (Buren, 1944) Formicinae	TRAGER 2013	KING & TRAGER 2007
	<i>Formica incerta</i> (Buren, 1944) Formicinae	TRAGER 2013	
	<i>Formica pallidefulva</i> (Latreille, 1802) Formicinae		KING & TRAGER 2007
<i>Polyergus mexicanus</i> (Forel, 1899) Formicinae	<i>Formica accreta</i> (Francoeur, 1973) Formicinae	TRAGER 2013	
	<i>Formica argentea</i> (Wheeler, 1912) Formicinae	TRAGER 2013	MOFFETT 2010
	<i>Formica fusca</i> (Linnaeus, 1758) Formicinae	TRAGER 2013	SULGER & AL. 2014
	<i>Formica hewitti</i> (Wheeler, 1917) Formicinae	TRAGER 2013	
	<i>Formica manni</i> (Wheeler, 1913) Formicinae	TRAGER 2013	
	<i>Formica microphthalma</i> (Francoeur, 1973) Formicinae	TRAGER 2013	

	<i>Formica neoclara</i> (Emery, 1893) Formicinae	TRAGER 2013	
	<i>Formica neogagates</i> (Viereck, 1903) Formicinae	TRAGER 2013	
	<i>Formica neorufibarbis</i> (Emery, 1893) Formicinae	TRAGER 2013	
	<i>Formica cf. occulta</i> (Francoeur, 1973) Formicinae	TRAGER 2013	
	<i>Formica pacifica</i> (Francoeur, 1973) Formicinae	TRAGER 2013	
	<i>Formica podzolica</i> (Francoeur, 1973) Formicinae	TRAGER 2013	
	<i>Formica subsericea</i> (Say, 1836) Formicinae	TRAGER 2013	
	<i>Formica vinculans</i> (Wheeler, 1913) Formicinae	TRAGER 2013	
<i>Polyergus montivagus</i> (Wheeler, 1915) Formicinae	<i>Formica pallidefulva</i> (Latreille, 1802) Formicinae	TRAGER 2013	KING & TRAGER 2007
<i>Polyergus nigerrimus</i> (Marikovsky, 1963) Formicinae	<i>Formica candida</i> (Smith, 1878) Formicinae	TRAGER 2013	
<i>Polyergus oligergus</i> (Trager, 2013) Formicinae	<i>Formica archboldi</i> (Smith, 1944) Formicinae	TRAGER 2013	
<i>Polyergus ruber</i> (Trager, 2013) Formicinae	<i>Formica biophilica</i> (Trager, 2007) Formicinae	TRAGER 2013	
<i>Polyergus rufescens</i> (Latreille, 1798) Formicinae	<i>Formica cinerea</i> (Mayr, 1853) Formicinae	SEIFERT 2018; TRAGER 2013	
	<i>Formica clara</i> (Forel, 1886) Formicinae	SEIFERT 2018; TRAGER 2013	
	<i>Formica cunicularia</i> (Latreille, 1798) Formicinae	SEIFERT 2018; TRAGER 2013	D'ETTORRE & AL. 2000; MORI & AL. 2000; VISICCIO & AL. 2000; VISICCIO & AL. 2001

	<i>Formica fusca</i> (Linnaeus, 1758) Formicinae	SEIFERT 2018; TRAGER 2013	
	<i>Formica fuscocinerea</i> (Forel, 1874) Formicinae	SEIFERT 2018	
	<i>Formica gagates</i> (Latreille, 1798) Formicinae	SEIFERT 2018; TRAGER 2013	
	<i>Formica gerardi</i> (Bondroit, 1917) Formicinae	SEIFERT 2018	
	<i>Formica rufibarbis</i> (Fabricius, 1793) Formicinae	SEIFERT 2018; TRAGER 2013	MORI & AL. 2000
	<i>Formica tianshanica</i> (Seifert & Schultz, 2009) Formicinae	SEIFERT 2018	
<i>Polyergus samurai</i> (Yano, 1911) Formicinae	<i>Formica fukaii</i> (Wheeler, 1914) Formicinae	TRAGER 2013	
	<i>Formica glabridorsis</i> (Santschi, 1925) Formicinae	TRAGER 2013	
	<i>Formica hayashi</i> (Terayama & Hashimoto, 1996) Formicinae	TRAGER 2013	
	<i>Formica japonica</i> (Motschoulsky, 1866) Formicinae	TRAGER 2013	TSUNEOKA 2008; TSUNEOKA & AKINO 2009; TSUNEOKA & AKINO 2012
<i>Polyergus sanwaldi</i> (Trager, 2013) Formicinae	<i>Formica dolosa</i> (Buren, 1944) Formicinae	TRAGER 2013	
<i>Polyergus topoffi</i> (Trager, 2013) Formicinae	<i>Formica gnava</i> (Buckley, 1866) Formicinae	TRAGER 2013	
<i>Polyergus vinosus</i> (Trager, 2013) Formicinae	<i>Formica moki</i> (Wheeler, 1906) Formicinae	TRAGER 2013	
<i>Rossomyrmex anatolicus</i> (Tinaut, 2007) Formicinae	<i>Proformica korbi</i> (Emery, 1909) Formicinae	RUANO & al. 2013	TINAUT & al. 2010
<i>Rossomyrmex minuchae</i> (Tinaut, 1981) Formicinae	<i>Proformica longiseta</i> (Collingwood, 1978) Formicinae	D'ETTORRE & HEINZE 2001; RUANO & al. 2013	Many, including: ERRARD & al. 2006;

			RUANO & al. 2005; RUANO & TINAUT 2005; SANLLORENTE & al. 2012; ZAMORA-MUÑOZ & al. 2003
<i>Rossomyrmex proformicarum</i> (Arnol'di, 1928) Formicinae	<i>Proformica epinotalis</i> (Kuznetsov-Ugamsky, 1927) Formicinae	D'ETTORRE & HEINZE 2001; RUANO & al. 2013	
<i>Rossomyrmex quadratinodum</i> (Xia & Zheng, 1995) Formicinae	<i>Proformica sp.</i> Formicinae	RUANO & al. 2013	TINAUT & al. 2010
<i>Harpagoxenus canadensis</i> (Smith, 1939) Myrmicinae	<i>Leptothorax canadensis</i> (Provancher, 1887) Myrmicinae	BEIBL & al. 2005	
<i>Harpagoxenus sublaevis</i> (Nylander, 1849) Myrmicinae	<i>Leptothorax acervorum</i> (Fabricius, 1793) Myrmicinae	BEIBL & al. 2005	Many, including: BAUER & al. 2009; BRANDT & al. 2007; FISCHER-BLASS & al. 2006; FOITZIK & al. 2003; GUILLEM & al. 2014
	<i>Leptothorax gredleri</i> (Mayr, 1855) Myrmicinae	FOITZIK & al. 2003	
	<i>Leptothorax muscorum</i> (Nylander, 1846) Myrmicinae	LENOIR & al. 2001	BAUER & al. 2009; BRANDT & al. 2007; FISCHER-BLASS & al. 2006; FOITZIK & al. 2003
<i>Strongylognathus alpinus</i> (Wheeler, 1909) Myrmicinae	<i>Tetramorium alpestre</i> (Steiner & al., 2010) Myrmicinae	SEIFERT 2018	
	<i>Tetramorium impurum</i> (Förster, 1850) Myrmicinae	SANETRA & BUSCHINGER 2000; SEIFERT 2018	
<i>Strongylognathus christophi</i> (Emery, 1889) Myrmicinae	<i>Tetramorium cf. caespitum</i> (Linnaeus, 1758) Myrmicinae	SANETRA & BUSCHINGER 2000	
	<i>Tetramorium cf. impurum</i> (Förster, 1850) Myrmicinae	SANETRA & BUSCHINGER 2000	

<i>Strongylognathus destefanii</i> (Emery, 1915) Myrmicinae	<i>Tetramorium</i> cf. <i>impurum</i> (Förster, 1850) Myrmicinae	SANETRA & BUSCHINGER 2000	
	<i>Tetramorium</i> cf. <i>semilaeve</i> (André, 1883) Myrmicinae	SANETRA & BUSCHINGER 2000	
<i>Strongylognathus huberi</i> (Forel, 1873) Myrmicinae	<i>Tetramorium</i> cf. <i>caespitum</i> (Linnaeus, 1758) Myrmicinae	SANETRA & BUSCHINGER 2000; SEIFERT 2018	
	<i>Tetramorium</i> cf. <i>impurum</i> (Förster, 1850) Myrmicinae	SANETRA & BUSCHINGER 2000; SEIFERT 2018	
	<i>Tetramorium</i> cf. <i>semilaeve</i> (André, 1883) Myrmicinae	SEIFERT 2018	
<i>Strongylognathus italicus</i> (Finzi, 1924) Myrmicinae	<i>Tetramorium</i> <i>caespitum</i> (Linnaeus, 1758) Myrmicinae	SEIFERT 2018	
	<i>Tetramorium</i> cf. <i>impurum</i> (Förster, 1850) Myrmicinae	SANETRA & BUSCHINGER 2000	
<i>Strongylognathus kratochvili</i> (Silhavy, 1937) Myrmicinae	<i>Tetramorium</i> cf. <i>caespitum</i> (Linnaeus, 1758) Myrmicinae	SEIFERT 2018	
	<i>Tetramorium</i> <i>moravicum</i> (Novák & Sadil, 1941) Myrmicinae	SEIFERT 2018	
<i>Strongylognathus silvestrii</i> (Menozzi, 1936) Myrmicinae	<i>Tetramorium</i> <i>lucidulum</i> (Menozzi, 1933) Myrmicinae	SANETRA & BUSCHINGER 2000	
	<i>Tetramorium</i> <i>semilaeve</i> (André, 1883) Myrmicinae	SANETRA & BUSCHINGER 2000	
<i>Strongylognathus testaceus</i> (Schenck, 1852)	<i>Tetramorium</i> <i>alpestre</i> (Steiner & al., 2010) Myrmicinae	SEIFERT 2018	

Myrmicinae	<i>Tetramorium caespitum</i> (Linnaeus, 1758) Myrmicinae	SEIFERT 2018	
	<i>Tetramorium impurum</i> (Förster, 1850) Myrmicinae	SEIFERT 2018	
<i>Temnothorax</i> (= <i>Chalepoxenus</i>) <i>brunneus</i> (Cagniant, 1985) Myrmicinae	<i>Temnothorax marocana</i> (Santschi, 1909) Myrmicinae	BEIBL & al. 2007A	
<i>Temnothorax</i> (= <i>Chalepoxenus</i>) <i>kutteri</i> (Cagniant, 1973) Myrmicinae	<i>Temnothorax</i> cf. <i>aveli</i> (= <i>Temnothorax berlandi</i>) (Bondroit, 1918) Myrmicinae	BEIBL & al. 2007A	
	<i>Temnothorax</i> cf. <i>aveli</i> (= <i>Temnothorax rabaudi</i>) (Bondroit, 1918) Myrmicinae	BEIBL & al. 2007A	
	<i>Temnothorax</i> cf. <i>exilis</i> (Emery, 1869) Myrmicinae	BEIBL & al. 2007A	
	<i>Temnothorax</i> cf. <i>exilis</i> (= <i>Temnothorax specularis</i>) (Emery, 1916) Myrmicinae	BEIBL & al. 2007A	
	<i>Temnothorax</i> cf. <i>niger</i> (Forel, 1894) Myrmicinae	BEIBL & al. 2007A	
	<i>Temnothorax</i> cf. <i>racovitzai</i> (Bondroit, 1918) Myrmicinae	BEIBL & al. 2007A	
	<i>Temnothorax</i> cf. <i>racovitzai</i> (= <i>Temnothorax massiliensis</i>) (Bondroit, 1918) Myrmicinae	BEIBL & al. 2007A	
	<i>Temnothorax</i> cf. <i>recedens</i> (Nylander, 1856) Myrmicinae	BEIBL & al. 2007A	

	<i>Temnothorax</i> cf. <i>unifasciatus</i> (Latreille, 1798) Myrmicinae	BEIBL & al. 2005; BEIBL & al. 2007A	
<i>Temnothorax</i> (= <i>Chalepoxenus</i>) <i>muellerianus</i> (Finzi, 1922) Myrmicinae	<i>Temnothorax</i> cf. <i>affinis</i> (Mayr, 1855) Myrmicinae	BEIBL & al. 2007A	
	<i>Temnothorax</i> cf. <i>exilis</i> (Emery, 1869) Myrmicinae	BEIBL & al. 2007A	
	<i>Temnothorax</i> cf. <i>flavicornis</i> (Emery, 1870) Myrmicinae	BEIBL & al. 2007A	
	<i>Temnothorax</i> cf. <i>interruptus</i> (Schenck, 1852) Myrmicinae	BEIBL & al. 2007A	
	<i>Temnothorax</i> cf. <i>nigriceps</i> (Mayr, 1855) Myrmicinae	BEIBL & al. 2007A	
	<i>Temnothorax</i> cf. <i>pyrenaeus</i> (Bondroit, 1918) Myrmicinae	BEIBL & al. 2007A	
	<i>Temnothorax</i> cf. <i>racovitzai</i> (Bondroit, 1918) Myrmicinae	BEIBL & al. 2007A	
	<i>Temnothorax</i> cf. <i>recedens</i> (Nylander, 1856) Myrmicinae	BEIBL & al. 2007A	
	<i>Temnothorax</i> cf. <i>rottenbergii</i> (Emery, 1870) Myrmicinae	BEIBL & al. 2007A	
	<i>Temnothorax</i> cf. <i>tuberum</i> (Fabricius, 1775) Myrmicinae	BEIBL & al. 2007A	
	<i>Temnothorax</i> <i>unifasciatus</i> (Latreille, 1798) Myrmicinae	BEIBL & al. 2007A; SEIFERT 2018	BEIBL & al. 2007B; BLATRIX & SERMAGE 2005

<i>Temnothorax</i> (= <i>Myrmoxenus</i>) <i>kraussei</i> (Emery, 1915) Myrmicinae	<i>Temnothorax</i> <i>recedens</i> (Nylander, 1865) Myrmicinae	SEIFERT 2018	SUEFUJI & HEINZE 2014; SUEFUJI & HEINZE 2015
<i>Temnothorax</i> (= <i>Myrmoxenus</i>) <i>ravouxi</i> (André, 1896) Myrmicinae	<i>Temnothorax</i> <i>affinis</i> (Mayr, 1855) Myrmicinae	SEIFERT 2018; SUEFUJI & HEINZE 2014	
	<i>Temnothorax</i> <i>albipennis</i> (Curtis, 1854) Myrmicinae	SEIFERT 2018	
	<i>Temnothorax</i> <i>nadigi</i> (Kutter, 1925) Myrmicinae	SEIFERT 2018	
	<i>Temnothorax</i> <i>nigriceps</i> (Mayr, 1855) Myrmicinae	BEIBL & al. 2005; SEIFERT 2018; SUEFUJI & HEINZE 2014	
	<i>Temnothorax</i> <i>tuberum</i> (Fabricius, 1775) Myrmicinae	SEIFERT 2018	
	<i>Temnothorax</i> <i>unifasciatus</i> (Latreille, 1798) Myrmicinae	SEIFERT 2018	BLATRIX & SERMAGE 2005; DELATTRE & AL. 2013; SUEFUJI & HEINZE 2014
<i>Temnothorax</i> (= <i>Myrmoxenus</i>) <i>stumperi</i> (Kutter, 1950) Myrmicinae	<i>Temnothorax</i> <i>tuberum</i> (Fabricius, 1775) Myrmicinae	SEIFERT 2018	
	<i>Temnothorax</i> <i>unifasciatus</i> (Latreille, 1798) Myrmicinae	SEIFERT 2018	
<i>Temnothorax</i> (= <i>Myrmoxenus</i>) <i>tamarae</i> (Arnol'di, 1968) Myrmicinae	<i>Temnothorax</i> sp. Myrmicinae		GRATIASHVILI & AL. 2015
<i>Temnothorax</i> (= <i>Protomognathus</i>) <i>americanus</i> (Emery, 1895) Myrmicinae	<i>Temnothorax</i> <i>ambiguus</i> (Emery, 1895) Myrmicinae	BEIBL & al. 2005	BLATRIX & HERBERS 2003; HERBERS & FOITZIK 2002; SWAN & HARE 2012
	<i>Temnothorax</i> <i>curvispinosus</i> (Mayr, 1866) Myrmicinae	BEIBL & al. 2005	Many, including: ACHENBACH & FOITZIK 2009; ACHENBACH & al. 2010; BRANDT & al. 2005;

			HERBERS & FOITZIK 2002; JOHNSON 2008
	<i>Temnothorax longispinosus</i> (Roger, 1863) Myrmicinae	BEIBL & al. 2005	Many, including: ACHENBACH & FOITZIK 2009; BLATRIX & HERBERS 2004; HARE & ALLOWAY 2001; KAUR & al. 2019; POHL & FOITZIK 2013
<i>Temnothorax (=Leptothorax) duloticus</i> (Wesson, 1937) Myrmicinae	<i>Temnothorax ambiguus</i> (Emery, 1895) Myrmicinae	BEIBL & al. 2005	
	<i>Temnothorax curvispinosus</i> (Mayr, 1866) Myrmicinae	BEIBL & al. 2005	HARE & ALLOWAY 2001; JOHNSON 2008; JOHNSON & HERBERS 2006; KLEEGERG & FOITZIK 2016
	<i>Temnothorax longispinosus</i> (Roger, 1863) Myrmicinae	BEIBL & al. 2005	
<i>Temnothorax pilagens</i> (Seifert et al., 2014) Myrmicinae	<i>Temnothorax ambiguus</i> (Emery, 1895) Myrmicinae	SEIFERT & AL. 2014	KLEEGERG & FOITZIK 2016
	<i>Temnothorax longispinosus</i> (Roger, 1863) Myrmicinae	SEIFERT & AL. 2014	KLEEGERG & FOITZIK 2016
Inquiline			
<i>Ectatomma parasiticum</i> (Feitosa & Fresneau, 2008) Ectatomminae	<i>Ectatomma tuberculatum</i> (Olivier, 1792) Ectatomminae	FEITOSA & al. 2008	FÉNÉRON & al. 2013; HORA & al. 2005; HORA & al. 2009
<i>Camponotus ruseni</i> (Karaman, 2012) Formicinae	<i>Camponotus aethiops</i> (Latreille, 1798) Formicinae	KARAMAN 2012	
<i>Camponotus universitatis</i> (Forel, 1890) Formicinae	<i>Camponotus aethiops</i> (Latreille, 1798) Formicinae		GUILLEM & AL. 2014; KARAMAN & AL. 2013
<i>Nylanderia deceptrix</i> (Messer & al., 2016) Formicinae	<i>Nylanderia parvula</i> (Mayr, 1870) Formicinae	MESSER & al. 2016	

<i>Plagiolepis ampeloni</i> (Faber, 1969) Formicinae	<i>Plagiolepis Taurica</i> (Santschi, 1920) Formicinae	SEIFERT 2018	
<i>Plagiolepis grassei</i> (Le Masne 1956) Formicinae	<i>Plagiolepis pygmaea</i> (Latreille, 1798) Formicinae		SCHIFANI 2017; TRONTTI 2006
<i>Plagiolepis xene</i> (Stärcke, 1936) Formicinae	<i>Plagiolepis pygmaea</i> (Latreille, 1798) Formicinae	SEIFERT 2018	ARON & al. 2004; MARDULYN & al. 2014; PASSERA & al. 2001; TRONTTI 2006
	<i>Plagiolepis</i> sp. (<i>Taurica</i> group) Formicinae	SEIFERT 2018	
<i>Polyrhachis lama</i> (Kohout, 1994) Formicinae	<i>Diacamma</i> sp. Ponerinae		MASCHWITZ & AL. 2000
<i>Acromyrmex ameliae</i> (De Souza & al., 2007) Myrmicinae	<i>Acromyrmex subterraneus</i> (Forel, 1893) Myrmicinae	DE SOUZA & al. 2007; RABELING & al. 2015	DE SOUZA & AL. 2011; SOARES & AL. 2010
	<i>Acromyrmex subterraneus brunneus</i> (Forel, 1912) Myrmicinae	DE SOUZA & al. 2007	
<i>Acromyrmex charruanus</i> (Rabeling & al., 2015) Myrmicinae	<i>Acromyrmex heyeri</i> (Forel, 1899) Myrmicinae	RABELING & al. 2015	
<i>Acromyrmex fowleri</i> (Rabeling & al., 2019) Myrmicinae	<i>Acromyrmex rugosus</i> (Smith, 1858) Myrmicinae	RABELING & al. 2019	SUMNER & al. 2004 (As <i>Pseudoatta</i> sp.)
<i>Acromyrmex insinator</i> (Schultz, & al., 1998) Myrmicinae	<i>Acromyrmex echinator</i> (Forel, 1899) Myrmicinae	RABELING & al. 2015	SUMNER & al. 2004; LAMBARDI & al. 2007
	<i>Acromyrmex octospinosus</i> (Reich, 1793) Myrmicinae	RABELING & al. 2015	
<i>Mycocepurus castrator</i> (Rabeling & Bacci, 2010) Myrmicinae	<i>Mycocepurus goeldii</i> (Forel, 1893) Myrmicinae	RABELING & BACCI 2010	RABELING & al. 2014
<i>Myrmica colax</i> (Cole, 1957) Myrmicinae	<i>Myrmica striologaster</i> (Cole, 1953)	JANSEN & al. 2010	

	Myrmicinae		
<i>Myrmica ereptrix</i> (Bolton, 1988) Myrmicinae	<i>Myrmica aimonissabaudiae</i> (Menozi, 1939) Myrmicinae	JANSEN & al. 2010	
<i>Myrmica hirsuta</i> (Elmes, 1978) Myrmicinae	<i>Myrmica lonae</i> (Finzi, 1926) Myrmicinae	JANSEN & al. 2010	
	<i>Myrmica sabuleti</i> (Meinert, 1861) Myrmicinae	JANSEN & al. 2010	
<i>Myrmica</i> (= <i>Symbiomyrma</i>) <i>kabylica</i> (Cagniant, 1970) Myrmicinae	<i>Myrmica cagnianti</i> (Espadaler, 1996) Myrmicinae	JANSEN & al. 2010	
<i>Myrmica</i> (= <i>Symbiomyrma</i>) <i>karavajevi</i> (Arnol'di, 1930) Myrmicinae	<i>Myrmica gallienii</i> (Bondroit, 1920) Myrmicinae	JANSEN & al. 2010	
	<i>Myrmica lonae</i> (Finzi, 1926) Myrmicinae	JANSEN & al. 2010	
	<i>Myrmica rugulosa</i> (Nylander, 1849) Myrmicinae	JANSEN & al. 2010	
	<i>Myrmica sabuleti</i> (Meinert, 1861) Myrmicinae	JANSEN & al. 2010	
	<i>Myrmica scabrinodis</i> (Nylander, 1846) Myrmicinae	JANSEN & al. 2010	
<i>Myrmica lampra</i> (Francoeur, 1968) Myrmicinae	<i>Myrmica alaskensis</i> (Wheeler, 1917) Myrmicinae	JANSEN & al. 2010	
<i>Myrmica latra</i> (Bharti & al., 2016) Myrmicinae	<i>Myrmica aimonissabaudiae</i> (Menozi, 1939) Myrmicinae	BHARTI & al. 2016	
<i>Myrmica laurae</i> (Emery, 1907) Myrmicinae	<i>Myrmica scabrinodis</i> (Nylander, 1846) Myrmicinae	JANSEN & al. 2010	
	<i>Myrmica spinosior</i> (Santschi, 1931) Myrmicinae	JANSEN & al. 2010	
<i>Myrmica</i> (= <i>Symbiomyrma</i>) <i>lemasnei</i> (Bernard, 1967)	<i>Myrmica spinosior</i> (Santschi, 1931) Myrmicinae	JANSEN & al. 2010	

Myrmicinae			
<i>Myrmica myrmicoxena</i> (Forel, 1895) Myrmicinae	<i>Myrmica lobulicornis</i> (Nylander, 1857) Myrmicinae	RADCHENKO & ELMES 2003; SEIFERT 2018	
<i>Myrmica nefaria</i> (Bharti, 2012) Myrmicinae	<i>Myrmica rupestris</i> (Forel, 1902) Myrmicinae	BHARTI 2012	
<i>Myrmica quebecensis</i> (Francoeur, 1981) Myrmicinae	<i>Myrmica alaskensis</i> (Wheeler, 1917) Myrmicinae	JANSEN & al. 2010	
<i>Pheidole acutidens</i> (Santschi, 1922) Myrmicinae	<i>Pheidole nitidula</i> (Emery, 1888) Myrmicinae	WILSON 2003; CASADEI FERREIRA & al. 2016	
<i>Pheidole elecebra</i> (Wheeler, 1904) Myrmicinae	<i>Pheidole ceres</i> (Wheeler, 1904) Myrmicinae	WILSON 2003	
<i>Pheidole inquilina</i> (Wheeler, 1903) Myrmicinae	<i>Pheidole pilifera</i> (Roger, 1863) Myrmicinae	WILSON 2003	
<i>Pseudoatta argentina</i> (Gallargo, 1916) Myrmicinae	<i>Acromyrmex heyeri</i> (Forel, 1899) Myrmicinae	RABELING & al. 2015	
	<i>Acromyrmex lundii</i> (Guérin-Méneville, 1838) Myrmicinae	RABELING & al. 2015	
<i>Solenopsis daguerrei</i> (Santschi, 1930) Myrmicinae	<i>Solenopsis invicta</i> (Buren, 1972) Myrmicinae		DEDEINE & al. 2005
	<i>Solenopsis quinquecuspis</i> (Forel, 1913) Myrmicinae	CALCATERRA & al. 2000	
	<i>Solenopsis richteri</i> (Forel 1909) Myrmicinae	CALCATERRA & al. 2000	DEDEINE & al. 2005
<i>Solenopsis enigmatica</i> (Deyrup & Prusak, 2008) Myrmicinae	<i>Pheidole antillana</i> (Forel, 1893) Myrmicinae		DEYRUP & PRUSAK 2008
<i>Strongylognathus karawajewi</i> (Pisarski, 1966) Myrmicinae	<i>Tetramorium cf. caespitum</i> (Linnaeus, 1758) Myrmicinae	SANETRA & BUSCHINGER 2000	

	<i>Tetramorium cf. impurum</i> (Förster, 1850) Myrmicinae	SANETRA & BUSCHINGER 2000	
	<i>Tetramorium moravicum</i> (Novák & Sadil, 1941) Myrmicinae	SANETRA & BUSCHINGER 2000	
	<i>Tetramorium sulcinode</i> (= <i>karakalense</i>) (Santschi, 1927) Myrmicinae	SANETRA & BUSCHINGER 2000	
<i>Strongylognathus kratochvili</i> (Silhavy, 1937) Myrmicinae	<i>Tetramorium cf. caespitum</i> (Linnaeus, 1758) Myrmicinae	SANETRA & BUSCHINGER 2000	
	<i>Tetramorium moravicum</i> (Novák & Sadil, 1941) Myrmicinae	SANETRA & BUSCHINGER 2000	
<i>Strongylognathus testaceus</i> (Schenck, 1852) Myrmicinae	<i>Tetramorium alpestre</i> (Steiner & al., 2010) Myrmicinae	SEIFERT 2018	
	<i>Tetramorium brevicorne</i> (Bondroit, 1918) Myrmicinae	SANETRA & BUSCHINGER 2000; SEIFERT 2018	
	<i>Tetramorium caespitum</i> (Linnaeus, 1758) Myrmicinae	SANETRA & BUSCHINGER 2000; SEIFERT 2018	
	<i>Tetramorium cf. ferox</i> (Ruzsky, 1903) Myrmicinae	SANETRA & BUSCHINGER 2000	
	<i>Tetramorium impurum</i> (Förster, 1850) Myrmicinae	SANETRA & BUSCHINGER 2000; SEIFERT 2018	
	<i>Tetramorium cf. moravicum</i> (Novák & Sadil, 1941) Myrmicinae	SANETRA & BUSCHINGER 2000	
<i>Temnothorax minutissimus</i> (Smith, 1942) Myrmicinae	<i>Temnothorax curvispinosus</i> (Mayr, 1866) Myrmicinae	BEIBL & al. 2005	BUSCHINGER & LINKSVAYER 2004; JOHNSON & AL. 2008

<i>Tetramorium aspina</i> (Wagner et al., 2018) Myrmicinae	<i>Tetramorium immigrans</i> (Santschi, 1927) Myrmicinae	WAGNER & al. 2018	
<i>Tetramorium atratum</i> (= <i>Anergates atratus</i>) (Schenck, 1852) Myrmicinae	<i>Tetramorium caespitum</i> (Linnaeus, 1758) Myrmicinae	SANETRA & BUSCHINGER 2000; SEIFERT 2018	
	<i>Tetramorium chefketi</i> (Forel, 1911) Myrmicinae		LAPEVA-GJONOVA & al. 2012
	<i>Tetramorium diomedaeum</i> (Emery, 1908) Myrmicinae	SANETRA & BUSCHINGER 2000; SEIFERT 2018	
	<i>Temnothorax immigrans</i> (Santschi, 1927) Myrmicinae	SEIFERT 2018	
	<i>Tetramorium impurum</i> (Förster, 1850) Myrmicinae	SANETRA & BUSCHINGER 2000; SEIFERT 2018	
	<i>Tetramorium moravicum</i> (Novák & Sadil, 1941) Myrmicinae	SANETRA & BUSCHINGER 2000; SEIFERT 2018	LAPEVA-GJONOVA & al. 2012
<i>Tetramorium buschingeri</i> (= <i>Teleutomymex buschingeri</i> **) (Lapeva-Gjonova 2017) Myrmicinae	<i>Tetramorium chefketi</i> (Forel, 1911) Myrmicinae		KIRAN & AL. 2017
<i>Tetramorium inquilinum</i> (nom.n., Ward et al. 2015) (= <i>Teleutomymex</i>) (= <i>Teleutomymex schneideri</i>) Myrmicinae	<i>Tetramorium alpestre</i> (Steiner & al., 2010) Myrmicinae	SEIFERT 2018	
	<i>Tetramorium impurum</i> (Förster, 1850) Myrmicinae	SANETRA & BUSCHINGER 2000; SEIFERT 2018 (probable host)	
<i>Tetramorium seiferti</i> (= <i>Teleutomymex seiferti</i> **) (Kiran & Karaman 2017) Myrmicinae	<i>Tetramorium chefketi</i> (Forel, 1911) Myrmicinae		KIRAN & AL. 2017
<i>Vollenhovia nipponica</i> (Kinomura & Yamauchi, 1992)	<i>Vollenhovia emeryi</i> (Wheeler, 1906) Myrmicinae		OHKAWARA & AONUMA 2016;

Myrmicinae			OKAMOTO & OHKAWARA 2009; SATO & OHKAWARA 2008
Temporary social parasite			
<i>Formica aquilonia</i> (Yarrow, 1955) Formicinae	<i>Formica fusca</i> (Linnaeus, 1758) Formicinae		CHERNENKO & al. 2013
	<i>Formica picea</i> (Nylander, 1846) Formicinae		CHERNENKO & al. 2013
<i>Formica bruni</i> (Kutter, 1967) Formicinae	<i>Serviformica</i> (subgenus) sp. Formicinae (Hosts not confirmed)	SEIFERT 2018	
<i>Formica exsecta</i> (Nylander, 1846) Formicinae	<i>Formica cunicularia</i> (Latreille, 1798) Formicinae	SEIFERT 2018	
	<i>Formica fusca</i> (Linnaeus, 1758) Formicinae	SEIFERT 2018	
	<i>Formica lemani</i> (Bondroit, 1917) Formicinae	SEIFERT 2018	
<i>Formica foreli</i> (Bondroit, 1918) Formicinae	<i>Serviformica</i> (subgenus) sp. Formicinae (Hosts not confirmed)	SEIFERT 2018	
<i>Formica forsslundi</i> (Lohmander, 1949) Formicinae	<i>Formica picea</i> (Nylander, 1846) Formicinae	SEIFERT 2018	
<i>Formica frontalis</i> (Santschi, 1919) Formicinae	<i>Iberoformica subrufa</i> (Roger, 1859) Formicinae		RUANO & al. 2019
<i>Formica lugubris</i> (Zetterstedt, 1838) Formicinae	<i>Formica fusca</i> (Linnaeus, 1758) Formicinae		CHERNENKO & al. 2013
	<i>Formica lemani</i> (Bondroit, 1917) Formicinae	SEIFERT 2018	
	<i>Formica picea</i> (Nylander, 1846) Formicinae		CHERNENKO & al. 2013
	<i>Serviformica</i> (subgenus) sp.	RUANO & al. 2019	

	Formicinae		
<i>Formica polyctena</i> (Förster, 1850) Formicinae	<i>Serviformica</i> (subgenus) sp. Formicinae (Hosts not confirmed)	RUANO & al. 2019; SEIFERT 2018	
<i>Formica pratensis</i> (Retzius, 1783) Formicinae	<i>Formica cunicularia</i> (Latreille, 1798) Formicinae	SEIFERT 2018	
	<i>Formica fusca</i> (Linnaeus, 1758) Formicinae	RUANO & al. 2019	
<i>Formica pressilabris</i> (Nylander, 1846) Formicinae	<i>Formica lemani</i> (Bondroit, 1917) Formicinae	SEIFERT 2018	
<i>Formica rufa</i> (Linnaeus, 1761) Formicinae	<i>Formica cunicularia</i> (Latreille, 1798) Formicinae	SEIFERT 2018	
	<i>Formica fusca</i> (Linnaeus, 1758) Formicinae	SEIFERT 2018	
<i>Formica suecica</i> (Adlerz, 1902) Formicinae	<i>Formica lemani</i> (Bondroit, 1917) Formicinae	SEIFERT 2018	
<i>Formica truncorum</i> (Fabricius, 1804) Formicinae	<i>Serviformica</i> (subgenus) sp. Formicinae	RUANO & al. 2019; SEIFERT 2018	
	<i>Formica fusca</i> (Linnaeus, 1758) Formicinae	CHERNENKO & al. 2011; RUANO & al. 2019; SEIFERT 2018	
	<i>Formica lemani</i> (Bondroit, 1917) Formicinae	RUANO & al. 2019	
	<i>Formica polyctena</i> (Förster, 1850) Formicinae	SEIFERT 2018 (single observation)	
	<i>Formica pratensis</i> (Retzius, 1783) Formicinae	RUANO & al. 2019	
	<i>Formica rufibarbis</i> (Fabricius, 1793) Formicinae	CHERNENKO & al. 2011, RUANO & al. 2019	
<i>Formica yessensis</i> (Wheeler, 1913) Formicinae	<i>Serviformica</i> (subgenus) sp. Formicinae	RUANO & al. 2019	
<i>Lasius</i> sp. Formicinae	<i>Lasius fuliginosus</i> (Latreille, 1798) Formicinae		Liu & al. 2000

<i>Lasius</i> (= <i>Acanthomyops</i>) <i>claviger</i> (Roger, 1862) Formicinae	<i>Lasius alienus</i> (Förster, 1850) Formicinae		RACZKOWSKI & LUQUE 2011
	<i>Lasius</i> sp. Formicinae	JANDA & al. 2004	
<i>Lasius</i> (= <i>Acanthomyops</i>) <i>interjectus</i> (Mayr, 1886) Formicinae	<i>Lasius alienus</i> (Förster, 1850) Formicinae		RACZKOWSKI & LUQUE 2011
	<i>Lasius</i> (= <i>Acanthomyops</i>) <i>claviger</i> (Roger, 1862) Formicinae		RACZKOWSKI & LUQUE 2011
	<i>Lasius</i> (= <i>Acanthomyops</i>) <i>latipes</i> (Walsh, 1863) Formicinae		RACZKOWSKI & LUQUE 2011
	<i>Lasius minutus</i> (Emery, 1893) Formicinae		RACZKOWSKI & LUQUE 2011
	<i>Lasius</i> (= <i>Acanthomyops</i>) <i>murphyi</i> (Forel, 1901) Formicinae		RACZKOWSKI & LUQUE 2011
	<i>Lasius umbratus</i> (Nylander, 1846) Formicinae		RACZKOWSKI & LUQUE 2011
<i>Lasius</i> (= <i>Acanthomyops</i>) <i>latipes</i> (Walsh, 1863) Formicinae	<i>Lasius alienus</i> (Förster, 1850) Formicinae	JANDA & al. 2004	RACZKOWSKI & LUQUE 2011
	<i>Lasius neoniger</i> (Emery, 1893) Formicinae	JANDA & al. 2004	RACZKOWSKI & LUQUE 2011
<i>Lasius</i> (= <i>Acanthomyops</i>) <i>murphyi</i> (Forel, 1901) Formicinae	<i>Lasius neoniger</i> (Emery, 1893) Formicinae	JANDA & al. 2004, RACZKOWSKI & LUQUE 2011	
<i>Lasius bicornis</i> (Förster, 1850) Formicinae	<i>Lasius</i> sp. Formicinae	JANDA & al. 2004; SEIFERT 2018	
<i>Lasius carnolicus</i> (Mayr, 1861) Formicinae	<i>Lasius alienus</i> (Förster, 1850) Formicinae	JANDA & al. 2004; SEIFERT 2018 (unconfirmed)	
	<i>Lasius flavus</i> (Fabricius, 1782) Formicinae	JANDA & al. 2004; SEIFERT 2018	

	<i>Lasius niger</i> (Linnaeus, 1758) Formicinae	SEIFERT 2018	
	<i>Lasius piliferus</i> (Seifert, 1992) Formicinae	JANDA & al. 2004; SEIFERT 2018 (unconfirmed)	
	<i>Lasius psammophilus</i> (Seifert, 1992) Formicinae	SEIFERT 2018	
<i>Lasius citrinus</i> (Emery, 1922) Formicinae	<i>Lasius brunneus</i> (Latreille, 1798) Formicinae	JANDA & al. 2004; SEIFERT 2018 (indirect evidence)	
	<i>Lasius niger</i> (Linnaeus, 1758) Formicinae	JANDA & al. 2004 (unconfirmed)	
<i>Lasius distinguendus</i> (Emery, 1916) Formicinae	<i>Lasius paralienus</i> (Seifert, 1992) Formicinae	SEIFERT 2018	
	<i>Lasius platythorax</i> (Seifert, 1991) Formicinae	SEIFERT 2018	SCHLICK-STEINER & AL. 2002B
<i>Lasius fuliginosus</i> (Latreille, 1798) Formicinae	<i>Lasius bicornis</i> (Förster, 1850) Formicinae	SEIFERT 2018	
	<i>Lasius jensi x</i> <i>umbratus</i> Formicinae	SEIFERT 2018	
	<i>Lasius meridionalis x</i> <i>umbratus</i> Formicinae	SEIFERT 2018	
	<i>Lasius mixtus</i> (Nylander, 1846) Formicinae	JANDA & al. 2004 (unconfirmed)	
	<i>Lasius rabaudi</i> (Bondroit, 1917) Formicinae	JANDA & al. 2004 (unconfirmed)	
	<i>Lasius sabularum</i> (Bondroit, 1918) Formicinae	SEIFERT 2018	
	<i>Lasius umbratus</i> (Nylander, 1846) Formicinae	JANDA & al. 2004; SEIFERT 2018	
<i>Lasius jensi</i> (Seifert, 1982) Formicinae	<i>Lasius alienus</i> (Fabricius, 1782) Formicinae	JANDA & al. 2004; SEIFERT 2018	
	<i>Lasius alienus</i> (Fabricius, 1782) Formicinae	JANDA & al. 2004; SEIFERT 2018 (unconfirmed)	

<i>Lasius meridionalis</i> (Bondroit, 1920) Formicinae	<i>Lasius niger</i> (Linnaeus, 1758) Formicinae	JANDA & al. 2004; SEIFERT 2018 (unconfirmed)	
	<i>Lasius psammophilus</i> (Seifert, 1992) Formicinae	JANDA & al. 2004; SEIFERT 2018	
<i>Lasius mixtus</i> (Nylander, 1846) Formicinae	<i>Lasius flavus</i> (Fabricius, 1782) Formicinae	SEIFERT 2018	SCHLICK-STEINER & AL. 2002A
	<i>Lasius niger</i> (Linnaeus, 1758) Formicinae	JANDA & al. 2004; SEIFERT 2018 (unconfirmed)	
	<i>Lasius platythorax</i> (Seifert, 1991) Formicinae	SEIFERT 2018	
<i>Lasius orientalis</i> (= <i>L. teranishii</i>) (Karavaiev, 1912) Formicinae	<i>Lasius flavus</i> (Fabricius, 1782) Formicinae	JANDA & al. 2004	
<i>Lasius reginae</i> (Faber, 1967) Formicinae	<i>Lasius alienus</i> (Fabricius, 1782) Formicinae	JANDA & al. 2004; SEIFERT 2018	
	<i>Lasius myops</i> (Forel, 1894) Formicinae	JANDA & al. 2004; SEIFERT 2018 (unconfirmed)	
	<i>Lasius psammophilus</i> (Seifert, 1992) Formicinae	SEIFERT 2018	
<i>Lasius sabularum</i> (Bondroit, 1918) Formicinae	<i>Lasius niger</i> (Linnaeus, 1758) Formicinae	JANDA & al. 2004; SEIFERT 2018 (unconfirmed)	
<i>Lasius subumbratus</i> (Viereck, 1903) Formicinae	<i>Lasius neoniger</i> (Emery, 1893) Formicinae	JANDA & al. 2004	
	<i>Lasius pallitarsis</i> (Provancher, 1881) Formicinae	JANDA & al. 2004	
<i>Lasius umbratus</i> (Nylander, 1846) Formicinae	<i>Lasius alienus</i> (Fabricius, 1782) Formicinae	JANDA & al. 2004 (unconfirmed)	
	<i>Lasius brunneus</i> (Latreille, 1798) Formicinae	JANDA & al. 2004; SEIFERT 2018	
	<i>Lasius emarginatus</i> (Olivier, 1792) Formicinae	JANDA & al. 2004 (unconfirmed)	
	<i>Lasius niger</i> (Linnaeus, 1758) Formicinae	JANDA & al. 2004; SEIFERT 2018	

	<i>Lasius platythorax</i> (Seifert, 1991) Formicinae	SEIFERT 2018	
	<i>Lasius psammophilus</i> (Seifert, 1992) Formicinae	JANDA & al. 2004; SEIFERT 2018 (unconfirmed)	
<i>Myrmica arnoldii</i> (Dlussky, 1963) Myrmicinae	Not documented	JANSEN & al. 2010	
<i>Myrmica bibikoffi</i> (Kutter, 1963) Myrmicinae	<i>Myrmica sabuleti</i> (Meinert, 1861) Myrmicinae	JANSEN & al. 2010	
	<i>Myrmica spinosior</i> (Santschi, 1931) Myrmicinae	JANSEN & al. 2010	
<i>Myrmica luteola</i> (Kupyanskaya, 1990) Myrmicinae	<i>Manica yessensis</i> (Azuma, 1955) Myrmicinae	JANSEN & al. 2010	MASUKO & TERAYAMA 2002
<i>Myrmica semiparasitica</i> (Francoeur, 2007) Myrmicinae	<i>Myrmica punctiventris</i> (Roger, 1863) Myrmicinae	JANSEN & al. 2010	
<i>Myrmica vandeli</i> (Bondroit, 1920) Myrmicinae	<i>Myrmica scabrinodis</i> (Nylander, 1846) Myrmicinae	JANSEN & al. 2010; parasitic relationship may not require host queen killing (SEIFERT 2018)	
Social parasite with uncertain classification			
<i>Solenopsis phoretica</i> (Davis & Deyrup, 2006) Myrmicinae	<i>Pheidole dentata</i> (Mayr, 1886) Myrmicinae		DAVIS & DEYRUP 2006
Reported host/parasite relationship should be investigated in the field			
<i>Formica aquilonia</i> (Yarrow, 1955) Formicinae	<i>Formica cinerea</i> (Mayr, 1853) Formicinae		CHERNENKO & al. 2013 ** 100% <i>F. aquilonia</i> queen mortality in lab introductions
<i>Formica lugubris</i> (Zetterstedt, 1838) Formicinae	<i>Formica cinerea</i> (Mayr, 1853) Formicinae		CHERNENKO & al. 2013 ** 100% <i>F. lugubris</i> queen mortality in lab introductions
<i>Lasius distinguendus</i> (Emery, 1916) Formicinae	<i>Lasius alienus</i> (Fabricius, 1782) Formicinae	JANDA & al. 2004 (Not corroborated by SEIFERT 2018)	

Apparently erroneous relationships reported in literature

<i>Formica aserva</i> (= <i>subnuda</i>) (Wheeler, 1911) Formicinae	<i>Formica cinerea</i> (Mayr, 1853) Formicinae	RUANO & al. 2019 Geographic discrepancy (Palearctic host, Nearctic parasite)	
	<i>Formica fusca</i> (Linnaeus, 1758) Formicinae	RUANO & al. 2019 Geographic discrepancy (Palearctic host, Nearctic parasite)	
	<i>Formica polyctena</i> (Förster, 1850) Formicinae	RUANO & al. 2019 Geographic discrepancy (Palearctic host, Nearctic parasite)	
	<i>Formica pratensis</i> (Retzius, 1783) Formicinae	RUANO & al. 2019 Geographic discrepancy (Palearctic host, Nearctic parasite)	
<i>Formica pratensis</i> (Retzius, 1783) Formicinae	<i>Formica sanguinea</i> (Latreille, 1798) Formicinae	RUANO & al. 2019	CZECHOWSKI 2001 Observation of mixed colony, likely ephemeral association
<i>Formica truncorum</i> (Fabricius, 1804) Formicinae	<i>Formica sanguinea</i> (Latreille, 1798) Formicinae	RUANO & al. 2019 Unlikely based on biology (B. Seifert, pers. comm.)	
<i>Lasius</i> (= <i>Acanthomyops</i>) <i>latipes</i> (Walsh, 1863) Formicinae	<i>Lasius</i> (= <i>Acanthomyops</i>) <i>interjectus</i> (Mayr, 1886) Formicinae	JANDA & al. 2004	Conflicts with RACZKOWSKI & LUQUE 2011. Possible identification error
<i>Lasius fuliginosus</i> (Latreille, 1798) Formicinae	<i>Lasius alienus</i> (Fabricius, 1782) Formicinae	JANDA & al. 2004 Unlikely based on biology (B. Seifert, pers. comm.)	
	<i>Lasius brunneus</i> (Latreille, 1798) Formicinae	JANDA & al. 2004 Unlikely based on biology (B. Seifert, pers. comm.)	
	<i>Lasius niger</i> (Linnaeus, 1758) Formicinae	JANDA & al. 2004; Seifert 2018 states that association occurs, but parasite does not survive	
<i>Lasius mixtus</i> (Nylander, 1846) Formicinae	<i>Lasius alienus</i> (Fabricius, 1782) Formicinae	JANDA & al. 2004 Possible misidentification of host due to subsequent taxonomic revision	
<i>Lasius rabaudi</i> (Bondroit, 1917) Formicinae	<i>Lasius niger</i> (Linnaeus, 1758) Formicinae	JANDA & al. 2004 Possible misidentification of host due to	

		subsequent taxonomic revision	
<i>Myrmica myrmicoxena</i> (Forel, 1895) Myrmicinae	<i>Myrmica lobicornis</i> (Nylander, 1846) Myrmicinae	JANSEN & al. 2010 Correct host in <i>M. lobulicornis</i>	
<i>Strongylognathus alpinus</i> (Wheeler, 1909) Myrmicinae	<i>Tetramorium caespitum</i> (Linnaeus, 1758) Myrmicinae	SANETRA & BUSCHINGER 2000 Identification adjusted to <i>T. alpinus</i> (SEIFERT 2018)	

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