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## **A provisional list of the wasps and bees of Mallorca, Balearic Islands, Spain (Hymenoptera aculeata: Chryridoidea, Scoliidea, Vespoidea, Apoidea)**

**David BALDOCK**

### **Abstract**

A list is presented of all records known to the author, both from literature and from recent collecting, of aculeate wasps and bees from Mallorca. The list comprises 375 species, of which 200 are wasps and 175 are bees. There is an Appendix giving a list of known records from Ibiza and Menorca. Due to its separation from mainland Spain for millions of years, Mallorca has seven endemic species or subspecies. There are a further nine species or subspecies occurring on Mallorca that are endemic to the Balearic Islands. Three species new to science were discovered in 2010. The only previous published lists for the island are those of Edward Saunders in 1901 and 1904.

### **Zusammenfassung**

Der Autor bringt hier alle ihm bisher bekannt gewordenen Funddaten aus der Literatur und den aktuellen Sammelergebnissen der aculeaten Wespen und Bienen Mallorcas. Diese Liste umfasst 375 Arten, von denen 200 Wespenarten und 175 Bienenarten aufgeführt sind. Weiters wird im Anhang eine Liste der aus Ibiza und Menorca bekannten Arten angefügt. Infolge der Trennung vom spanischem Festland, vor

Millionen Jahren, hat Mallorca sieben endemische Arten oder Unterarten. Weiters sind neun Arten oder Unterarten von Mallorca endemisch auf den Balearischen Inseln. Drei für die Wissenschaft neue Arten wurden 2010 entdeckt. Die bisher einzigen publizierten Listen für diese Insel wurden von Edward Saunders von 1901 und 1904 publiziert.

### Introduction

Mallorca is a relatively large island (approximately 70 km from north to south and from west to east), with a varied topography of mountains and sand dunes, and with an interesting and rich endemic aculeate fauna due to its separation from the mainland many millions of years ago. It became attached to the mainland for a short period about 5 million years ago, after the Mediterranean had dried up during a very warm period; it is now about 250 kilometers from the mainland. Except for two collecting trips made in 1900 and 1901 the island appears to have been largely neglected by aculeate hymenopterists until very recently. There are only few published records, which are scattered around in literature and difficult to find. The only published lists of all species for the island that are known to me are SAUNDERS 1901 and SAUNDERS 1904. GARCÍAS FONT 1953, dealt only with the Arta region, COMPTE SART 1959 listed only Sphecidae and MINGO & COMPTE 1963 dealt only with Scolioidea.

In the spring of 1900 E.B. Poulton, Hope Professor of Zoology at Oxford University, O. Thomas and R. Pocock visited Menorca and Mallorca from 24 March to 15 April and collected at various places; Palma, Valldemossa, Sóller, Manacor, Pollença, S'Albufereta, Inca and around Maó in Menorca. All specimens collected were sent to E. Saunders who identified 48 species (3 ants, 7 wasps, 38 bees (of which 13 had been recorded in 1900)). He reported his findings, (SAUNDERS 1901) including descriptions of two new species *Lasioglossum soror* SAUNDERS 1902 and *Nomada poultoni* SAUNDERS 1901, although this latter species is now considered to be synonymous with *Nomada mauritanica* LEPELETIER 1841.

In the summer of 1901 E.B. Poulton returned to Mallorca with W. Holland and A.H. Hamm, both of the Hope Department, Oxford where they collected from 26 June to 12 July in the neighbourhood of Palma, Sóller and Pollença or travelling between these places. They captured about 3700 aculeate specimens and these were examined by Saunders who published a list of all species determined by him. Chrysididae were not included but Formicidae were; the total number of species in this list was 154 (12 ants, 80 wasps, 62 bees), including five which he considered to be new species (SAUNDERS 1904). These new species were; *Pompilus poultoni*, *Mimesa palliditarsis*, *Halictus dubitabilis*, *H. hollandi* and *Lasioglossum nitidulum hammi* (SAUNDERS 1904) (as *Halictus hammi*).

GARCÍAS FONT 1953, collected in the Arta region, in the north-east of Mallorca, in 1933 and had most of his specimens determined by Dusmet (but he did not specify which specimens; all his records are therefore marked 'det. ?Dusmet' in this list). However because of the problems caused by the Civil War he did not publish his records until 1953; he cites records of about 80 species.

COMPTE SART 1959 presented a list of 34 species of Sphecidae from the island but not all had been collected by him. In 1963 he and Mingo published a list of all the species of Scoliidea known from the Balearic Islands (MINGO E. & A. COMPTE 1963). S. Erlandsson spent 20 years collecting in the southern European countries bordering the Mediterranean; he visited the Balearic Islands in 1959, 1966 and 1969. In 1972, and subsequently, he published a list of all his records, including a number from Mallorca (ERLANDSSON 1972). H. Hohman spent several weeks on five annual trips to Ibiza between 1969 and 1979 and published a list of his records of the aculeate hymenoptera of that island but only gave the dates but not the years (HOHMANN 1984).

A hundred years after Saunders' lists I visited the island for a few days in September 2002, 2003 and 2008 when I collected mainly around Deià, Pollença, S'Albufera, Felanitx and Ses Salines near Campos; I returned again in May and September 2012. Dr. A. Traveset is a research professor at the Spanish Research Council and has been working for some years at the Mediterranean Institute of Advanced Studies (IMEDEA) which is a joint partnership between the Spanish Research Council and the University of the Balearic Islands. She is head of the Terrestrial Ecology Laboratory and her students have been collecting aculeates for study from various sites, mainly around S'Albufera but also at Puig Major (1200-1400m) near Escorca and sand dunes at Cala Mesquida near Capdepera, a prolific site for rarities. The principal student collectors have been R. Castro, C. Tur, X. Rotllan and B. Padrón, as well as Dr. Traveset herself. The British naturalist N.J. Riddiford works with voluntary international students based in the Parc Natural de S'Albufera with the organisation Project S'Albufera (TAIB). Studies of aculeates by TAIB have been assisted by other British naturalists; D. Gibbs, M. Jenner and N. Owens. They have concentrated mainly on the area of Son Bosc, near Albufera, which is threatened with the building of yet another golf course. All material collected by these students and the English helpers, consisting of about 1200 specimens, has been sent to me for determination; specimens that I have been unable to identify have been sent to the various specialists mentioned below in Acknowledgements. Two other important recent collectors are J. Burn, from England, who found many new species of smaller wasps and G. Reder, from Germany, who discovered two chrysidid wasps new to science on a wall at Alcudia in 2010. A new species of *Dufourea* was also found in 2010 but it has not yet been described.

The total number of species of bees and wasps in this present list is about 374, comprising about 200 wasps and 174 bees. The few Ibiza and Menorca records are included in the Appendix; the Ibiza list comprises 48 wasp species and 77 bee species; the Menorca list comprises 20 wasp species and 13 bee species. Most of these species are likely to be found in Mallorca also. Formicidae are not included in the lists, as there are no recent records available.

I hope that other collectors who have visited the island will contact me with details of their records of other species so that a check-list of bees and wasps can be published in due course. If any readers have unidentified specimens from Mallorca I am very willing to have them identified. I also hope that this list will encourage other hymenopterists to visit the island.

## Endemics

Due to its separation from the mainland of Spain for millions of years Mallorca has a considerable number of endemic species and subspecies; some are endemic to Mallorca and others are endemic to the Balearic Islands. PONS & PALMER 1996 gives a list of 20 Balearic endemics but some of these species have now been found on the mainland and others are now considered to be synonymous with other species or subspecies.

There appear to be seven species or subspecies that have been found only on Mallorca;

*Philoctetes friesei* (MOCSARY 1889). Refound at Puig Major in 2011.

*Omalus chlorosomus mallorcanus* LINSENMAIER 1959. Discovered in 1954, refound Ca'n Picafort in 1984.

*Chrysis alcludiae* REDER & ARENS 2012. Discovered new to science near Alcludia in 2010.

*Miscophus absconditus* ANDRADE 1960. Refound near Alcludia in 2010.

*Miscophus belveriensis* ANDRADE 1960. Refound at S'Albufera in 2012.

Two new species have very recently been discovered but their descriptions have not yet been published:

*Hedychridium balearicum* nov.sp.. Discovered at Bunyola, Soller and Alcludia in 2010.

*Dufourea balearica* nov.sp. Discovered at Cala Mesquida in 2009.

There are also nine species or subspecies occurring on Mallorca that are endemic to the Balearic Islands;

*Arachnospila poultoni* SAUNDERS 1904. Found on Mallorca and Ibiza.

*Anospilus balearicus* HAUPT 1936. Mallorca and Ibiza.

*Ancistrocerus ebusianus* LICHTENSTEIN 1884. Mallorca (Cabrera Island) and Ibiza.

*Andrena poupillieri incana* WARNCKE 1975. Mallorca and Ibiza.

*Halictus microcardia* PÉREZ 1895. Mallorca and Ibiza.

*Halictus (Vestitohalictus) balearicus* PÉREZ 1903. Mallorca, Ibiza and Formentera.

*Lasioglossum nitidulum hammi* SAUNDERS 1904. Mallorca and Ibiza.

*Megachile (Chalicodoma) sicula balearica* TKALCŮ 1977. Mallorca, Menorca and Ibiza.

*Eucera numida balearica* TKALCŮ 1977. Mallorca, Menorca and Ibiza.

The last two species are not treated as subspecies by some authorities.

*Osmia balearica* and *Anthophora balearica*, both of which occur on Mallorca, are not Balearic endemics as they also occur on the mainland.

*Dufourea similis*, a mainly North African species, is found in Europe only on Mallorca and Formentera.

*Hoplitis insularis*, another mainly North African species, is found in Europe only on Mallorca and Sardinia.

## The List

Families and genera of bees are listed in the order given in MICHENER 2007; subgenera are generally not mentioned except where a subgenus is or has been considered to be a valid genus by some authors. Species are listed alphabetically within each genus; subspecies names are only included where the subspecies is relevant to Mallorca or to the Balearic Islands.

Below the name of each species of bee I have added a very brief note of its main Palaearctic distribution so that readers may be aware of the very restricted range of some of the Mallorcan species. Most of these distribution notes have been extracted from "Discover Life". I have been unable to give such distribution notes for any (except a few) species of wasps due to my lack of knowledge of their distribution.

## Acknowledgements

I acknowledge with gratitude the help of all the specialists who identified many of the specimens collected by me and by many others; M. Olmi (Dryinidae), P. Rosa (Chrysididae), L. Castro (Tiphidae, Scoliidae, Vespidae), M. Romano (Mutillidae), R. Wahis (Pompilidae), M. Kuhlmann (*Colletes*), H. Dathe and F. J. Ortiz-Sanchez (*Hylaeus*), E. Scheuchl (Andreninae), who also provided me with many literature records, A.W. Ebmer (Halictinae), G. Le Goff (Megachilinae), S. Risch (Eucerinae), G. Le Goff and F.J. Ortiz-Sanchez (Anthophorinae), M. Schwarz (parasitic bees), Z. Jozan (various families). I also wish to thank the Balearic Conselleria de Medi Ambient and Directorate of the P.N. S'Albufera de Mallorca for permission to operate within the Parc, and volunteers of The Albufera Initiative for Biodiversity (TAIB) for their assistance in the field.

## Studied Material

### D r y i n i d a e

#### *Anteon pinetellum* de ROND 1998

Port d'Alcudia, 23.v.2001, 6♀ ♀, det. and leg. J. Burn  
Alcudia, 14.v.2001, 1♂; 15.v.2001, 2♂ ♂; 18.v.2001, 4♂ ♂, 2♀ ♀; all det. and leg. J. Burn  
Port de Pollença, 18.v.2001, 1♂, det. and leg. J. Burn  
Ca'n Picafort, 21.v.2001, 1♂, det. and leg. J. Burn

#### *Gonatopus ater* OLMÍ 1984

Ca'n Picafort, 7.vi.1984, 1♀ ♀, det. M. Olmi, leg. J. Burn

#### *Gonatopus clavipes* (THUNBERG 1827)

Ca'n Picafort, 9.vi.1984, 1♀ ♀, det. M. Olmi, leg. J. Burn

***Gonatopus distinguendus* KIEFFER 1905**

Ca'n Picafort, 7.vi.1984, 1 ♀, det. M. Olmi, leg. J. Burn

***Gonatopus horvathi* KIEFFER 1906**

Alcudia, 18.v.2001, 1 ♀, det. M. Olmi, leg. J. Burn

***Gonatopus lunatus* KLUG 1810**

Ca'n Picafort, 1-15.vi.1984, 1 ♀, det. M. Olmi, leg. J. Burn

**C h r y s i d i d a e**

***Philoctetes friesei* (MOCSARY 1889)**

Mallorcan endemic

Holotype "Insulae Baleares Hispaniae (Mallorca)"

Puig Major, Escorca, 21.vi.2011, 1 ♀, det. Rosa, leg. C. Tur

***Elampus panzeri* (FABRICIUS 1804)**

Linsenmaier Coll: Mallorca, 24.vi-21.vii.1957, 2 ♀ ♀, det. Linsenmaier, leg. N. Andrade

***Elampus sanzii* GOGORZA 1887**

Linsenmaier Coll: Mallorca, 24.vi-21.vii. 1957, 8 ♂ ♂, det. Linsenmaier, leg. N. Andrade

***Pseudomalus abdominalis* (BUYSSON 1887)**

Deià, 20.ix.2003, 1 ♀, det. Rosa, leg. Baldock

***Omalus aeneus* (FABRICIUS 1787)**

Capdepera, Cala Mesquida, 28.vi.2010, 1 ♂, det. Z. Jozan, leg. R. Castro

***Omalus auratus* (LINNAEUS 1758)**

Linsenmaier Coll: Mallorca, 24.vi-21.vii.1957, 7, det. Linsenmaier, leg. N. Andrade

Ca'n Picafort, 1-15.vi.1984, 1 ♀, det. Baldock, leg. J. Burn

S'Albufera, Ses Puntetes, 30.iv.2012, 1 ♀, leg. N. Owens

***Omalus chlorosomus mallorcanus* LINSENMAIER 1959**

Mallorcan endemic subspecies

Mallorca, 1-24.vi.1954, Holotype and paratype, det. Linsenmaier, leg. Klokke-Moll

Ca'n Picafort, 1-15.vi.1984, 1 ♀, det. Rosa, leg. J. Burn

***Holopyga chrysonota* FÖRSTER 1853**

Linsenmaier Coll: Mallorca, 24.vi-21.vi.1957, 2 ♀ ♀, 1 ♂, det. Linsenmaier, leg. N. Andrade

Ca'n Picafort, 1-15.vi.1984, 1 ♂, det. Rosa, leg. J. Burn

***Holopyga fervida* (FABRICIUS 1781)**

Linsenmaier Coll: Mallorca, 24.vi-21.vii.1957, 2♂♂, 4♀♀, leg. N. Andrade; Cala Millor, 18.v-5.vi.1987, 4♂♂, 4♀♀, leg. A. Fuss, all det. Linsenmaier  
Ca'n Picafort, 1-15.vi.1984, 6♂♂, 3♀♀, det. Baldock, leg. J. Burn  
S'Albufera, Son Bosc, 6.vi.2007, 1♂, det. Rosa, leg. University Balearic Islands SB0425  
S'Albufera, Son Bosc, 20-24.v.2009, 1♂, 1♀; 26.v-16.vi.2010, 1♂, 1♀, all det. Rosa, leg. R. Castro  
Puig Major, Escorca, 5.vi.2009, 1♀; 12.vii.2010, 2♂♂, 1♀, all det. Rosa, leg. C. Tur  
S'Albufera; Es Barac, 19.v.2007, 1♂, leg. D. Gibbs; Ses Punes, 13.v.2008, 2♀♀, leg. M. Jenner  
Alcúdia, Mal Pas, 18-25.vi.2010, 2♂♂, 4♀♀, leg. G. Reder

***Hedychridium balearicum* nov.sp.**

Mallorcan endemic

Sóller 2010, Malaise trap, leg. S.F. Gayubo & F. Strumia  
Bunyola 2010, Malaise trap, leg. S.F. Gayubo & F. Strumia  
Alcúdia, Mal Pas, 18-25.vi.2010, 20-25.vi.2011, 3♂♂, 8♀♀, leg. G. Reder

***Hedychridium infans santschii* TRAUTMANN 1927**

Linsenmaier Coll: Mallorca, 24.vi-21.vii.1957, 2♂♂, 6♀♀, det. Linsenmaier, leg. N. Andrade

***Hedychridium jucundum* (MOCSARY 1889)**

Linsenmaier Coll: Mallorca, 24.vi-21.vii.1957, 2♀♀, det. Linsenmaier, leg. N. Andrade  
S'Albufera, Son Bosc, 12.vii.2011, 1♀, det. Z. Jozan, leg. X. Rotllan  
Alcúdia, Mal Pas, 18-25.vi.2010, 1♀, leg. G. Reder

***Hedychridium reticulatum* ABEILLE 1878**

Linsenmaier Coll: Mallorca, 24.vi-21.vii.1957, 7♀♀, det. Linsenmaier, leg. N. Andrade

***Hedychridium scutellare* (TOURNIER 1878)**

S'Albufera, Sa Roca, 20/26.ix.2012, 1♂, 1♀, det. Baldock/Rosa, leg. N. Owens

***Chrysidea pumila* (Klug 1845)**

S'Albufera, Alcúdia, 21.ix.2003, 1♀, det. and leg. Baldock

***Chrysura dichroa* (DAHLBOM 1854)**

Ca'n Picafort, 1-15.vi.1984, 1♀, det. Rosa, leg. J. Burn

***Chrysura rufiventris* (DAHLBOM 1854)**

Linsenmaier Coll: Mallorca, 1-24.vi.1954, 1♀, det. Linsenmaier, leg. Klokke-Moll  
Ca'n Picafort, 1-15.vi.1984, 2♀♀, det. Baldock/Rosa, leg. J. Burn  
S'Albufera, Es Comu, 25.iv.2006, 1♀, det. Baldock, leg. D. Gibbs  
S'Albufera, Son Bosc, 31.v.2007, 1♀, det. Z. Jozan, leg. A. Traveset

***Chrysis alcutiae* REDER & ARENS 2012**

Mallorcan endemic

Alcudia, Mal Pas, 18-25.vi.2010, 14♂♂, 3♀♀; 20-25.vi.2011, 1♀, all leg. G. Reder  
Cala Millor, 20.viii.1998, 1♀, leg. Wangsjö

***Chrysis hydropica* ABEILLE 1878**

Linsenmaier Coll: Mallorca, 10-26.ix.1953, 1♀; 1-24.vi.1954, det. Linsenmaier, leg. Klokke-Moll

***Chrysis ignita* Form B (LINNAEUS 1758)**

Linsenmaier Coll: Mallorca, 24.vi-21.vii.1957, 1♀, det. Linsenmaier, leg. N. Andrade

***Chrysis ignita bischoffi* LINSENMAIER 1959**

Linsenmaier Coll: Mallorca, 24.vi-21.vii.1957, 2♂♂, 1♀, det. Linsenmaier, leg. N. Andrade

***Chrysis ignifascies* MERCET 1904**

Puig Major, Escorca, 28.vi.2011, 1♂, det. Rosa, leg. X. Rotllan

***Chrysis leachii* SHUCKARD 1836**

Alcudia, Mal Pas, 18-25.vi.2010, 1♀, det. Arens, leg. Reder; 20-25.vi.2011, 3♂♂, det. and leg.  
Reder

***Chrysis mediata mediadentata* LINSENMAIER 1951**

Linsenmaier Coll: Mallorca, 1-24.vi.1954, 1♀, det. Linsenmaier, leg. Klokke-Moll

***Chrysis mixta* DAHLBOM 1854**

S'Albufera, Son Serra, 2008, 1♂, det. Rosa, leg. N. Chakof

***Chrysis mysticalis* LINSEMAIER 1959**

Ca'n Picafort, 1-15.vi.1984, 4♂♂, det. Rosa, leg. J. Burn  
Felanitx, Son Mesquida, 19.ix.2008, 2♂♂, det. and leg. Baldock  
S'Albufera, Sa Roca, 2.vi.2005, 1♂, det. Baldock, leg. N.J. Riddiford  
Alcudia, S'Albufera, 21.ix.2003, 2♂♂, det. Rosa, leg. Baldock

***Chrysis portugalia* LINSENMAIER 1959**

REDER & ARENS 2012: Mallorca

***Chrysis scutellaris* FABRICIUS 1794**

Linsenmaier Coll: Mallorca, 24.vi-21.vii.1957, 1♂, 3♀♀, det. Linsenmaier, leg. N. Andrade  
Ca'n Picafort, 1-15.vi.1984, 2♀♀, leg. J. Burn, det. Baldock/Rosa  
Son Baulo, 1-15.vi.1984, 1♀, leg. J. Burn, det. Baldock



***Chrysis splendidula* ROSSI 1790**

Linsenmaier Coll: Mallorca, 24.vi-21.vii.1957, 1 ♂, det. Linsenmaier, leg. N. Andrade

***Chrysis varidens* ABEILLE 1878**

Linsenmaier Coll: Mallorca, 24.vi-21.vii.1957, 1 ♂, det. Linsenmaier, leg. N. Andrade  
Ca'n Picafort, 1-15.vi.1984, 1 ♂, 1 ♀, det. Rosa, leg. J. Burn

**S a p y g i d a e**

***Sapyga quinquepunctata* (FABRICIUS 1781)**

Ca'n Picafort, 1-15.vi.1984, 3 ♀ ♀, leg. J. Burn  
S'Albufera, Ses Punes, 21.iv.2006, 1 ♀, leg. D. Gibbs; Son Bosc, 14.v.2008, 1 ♀, leg. M. Jenner  
S'Albufera, Sa Roca, 21.iv.2012, 1 ♂ 1 ♀, leg. N.J. Riddiford  
Andratx, 4.v.2012, 1 ♂, 1 ♀, leg. H. Whiteley

**T i p h i i d a e**

***Methocha articulata* (LATREILLE 1792)**

MINGO & COMPTE 1963: Alcudia, 8.vii.1894, 6 ♂ ♂, leg. F. Moragues

***Meria tripunctata* (ROSSI 1790)**

SAUNDERS 1904: (as *Myzine tripunctata* ROSSI) S'Albufereta, 8/9.vii.1901, 11 ♂ ♂  
GARCIAS 1953: Arta, Sa Canova, vi.1933, abundant, det. ?Dusmet  
Ca'n Picafort, 1-15.vi.1984, 1 ♂, leg. J. Burn  
Cala Millor, 21-30.vii.1997, 2 ♀ ♀, leg. J. Burn  
Campos, Salines, 24.ix.2003. 2 ♂ ♂, 3 ♀ ♀, det. L. Castro, leg. Baldock  
S'Albufera, Son Bosc, common 2006-2011

***Poecilotiphia rousselii* (GUERIN 1838)**

MINGO & COMPTE 1963: (as *Myzine hispanica* SPIN. 1843) Prat de Sant Jordi, Palma, 5.vi.1895,  
6 ♂ ♂ (F. Moragues): Coll d'en Rebassa, Palma, 17.viii.1956. leg. Compte  
Ca'n Picafort, 1-15.v.1984, 4 ♂ ♂, det. L. Castro, leg. J. Burn

**M u t i l l i d a e**

***Myrmilla calva* (VILLERS 1789)**

Cala Millor, 27.viii.1998, 1 ♀, det. Romano, leg. J. Burn

***Mutilla quinquemaculata* LINNÉ 1787**

MINGO & COMPTE 1963: Manacor, May 1890, 1 ♂, 1 ♀, (F. Moragues)  
COMPTE 1959: Palma, 8.v.1960, 1 ♀  
S'Albufera, 21.ix.2003, 1 ♂, det. Z. Jozan, leg. Baldock

***Ronisia ghilianii* (SPINOLA 1843)**

S'Albufera, 10.ix.2002, 1 ♂, det. Romano, leg. Baldock

***Nemka viduata* (PALLAS 1773)**

MINGO & COMPTE 1963: Alcudia, 8.vii.1894, 2 ♂ ♂ (F. Moragues)

GARCIAS 1953: Arta, 21.vi.1927, 1 ♀, Arenal de Ses Pastores

***Paramyrmosa brunripes* LEPELETIER 1845**

SAUNDERS 1904: as *Myrmosa cognata* COSTA, Sóller Pass, 30.vi.1901, 1 ♂

MINGO & COMPTE 1963: Palma, 22.iv.1895, 1 ♂ (F. Moragues)

***Physetopoda daghestanica* (RADOSKOWSKI 1885)**

S'Albufera, 21.ix.2003, 1 ♂, det. Romano, leg. Baldock

S'Albufera, Son Bosc, 25.ix.2012, 1 ♂, det. Baldock, leg. N. Owens

***Physetopoda cf. lampedusia* (INVREA 1957)**

Ca'n Picafort, 1-15.vi.1984, 1 ♀, det. Romano, leg. J. Burn

***Physetopoda ligustica* (INVREA 1951)**

INVREA 1964: (as *Smicromyrme ligustica* Invrea) Mallorca

MINGO & COMPTE 1963: Mallorca, June, 1954, 2 ♂ ♂ (Suarez)

***Physetopoda pusilla* (KLUG 1835)**

MINGO & COMPTE 1963: as *Smicromyrme pusilla*, Pollença, 19.v.1895, 1 ♀, det. Suarez (F. Moragues)

***Physetopoda sericeiceps* (ANDRE 1901)**

Alcudia, 17.v.2001, 1 ♀, det. Romano, leg. J. Burn

***Smicromyrme montarcense* (MERCET in GINER 1944)**

MINGO & COMPTE 1963: Alcudia, 8.vii.1894, 1 ♂, det. Suarez (F. Moragues)

***Smicromyrme suberrata* INVREA 1957**

MINGO & COMPTE 1963: Alcudia, 8.vii.1894, 8 ♂ ♂ (F. Moragues)

Felanitx, Son Mesquida, 19.ix.2008, 1 ♂, det. Romano, leg. D.Baldock

***Smicromyrme partita* (KLUG 1835)**

SAUNDERS 1904: (as *Mutilla partita* KLUG) near Palma, Belver, 26-27.vi and Porto Pi, 10.vii.1901, 5 ♂ ♂

***Smicromyrme ruficollis ruficollis* (FABRICIUS 1793)**

S'Albufera, 21.ix.2003, 1 ♀, det. Jozan/Romano, leg. Baldock

Ca'n Picafort, 1-15.vi.1984, 2 ♀ ♀, det. Romano, leg. J. Burn

Son Baulo, 1-15.vi.1984, 1 ♀, det. Romano, leg. J. Burn

Alcudia, 23.v.2001, 1 ♀, det. Romano, leg. J. Burn

**cf. *S. r. ruficollis***

S'Albufera, 10.ix.2002, 1 ♀, det. Romano, leg. Baldock

***Smicromyrme "group rufipes"***

S'Albufera, Cami d'en Pep, 22.ix.2012, det. Baldock, leg. N. Owens

**S c o l i i d a e**

***Colpa quinquecineta* (FABRICIUS 1793)**

MINGO & COMPTE 1963: (as *Campsoscolia villosa*) Palma (Dusmet)

***Dasy scolia ciliata* (FABRICIUS 1787)**

SAUNDERS 1901: Excessively abundant at Castle Bellver, Palma, 25-30.iii.1900, 26 ♂ ♂, 1 ♀;  
Pollença, 2.iv.1901

S'Albufera, Ses Punes, 19.iv.2006, 1 ♂, 1 ♀, det. S. Roberts, leg. D. Gibbs

S'Albufera, Son Bosc, 16.v.2008, 1 ♀, leg. M. Jenner

S'Albufera, Es Comú, 5.iv.2012, 3 ♂ ♂, 3 ♀ ♀, leg. T. Tomas

Cala Mesquida, 2010 and 2012; Alcudia, 2010; Puig Major, Cúber 900m, common May 2012

***Megascolia bidens* (LINNÉ 1767)**

MINGO & COMPTE 1963: Manacor, 10.v.1890, 2 ♂ ♂, 1 ♀ (F. Moragues)

Alcudia, 15.v.2001, 1 ♀, leg. J. Burn; 18-25.vi.2010, 2 ♀ ♀, leg. G. Reder

S'Albufera, Son Bosc, 21 and 25.iv.2006, 2 ♂ ♂, 1 ♀; 7.vi.2006, 2 ♀ ♀, 23.v.2012, 4 ♀ ♀

S'Albufera, Ses Punes, 16.v.2008, 2 ♂ ♂, 2 ♀ ♀, leg. M. Jenner; 19.iv.2011, 1 ♂, leg. N. Owens

Port de Pollença, 31.v.2008, 1 ♂, 1 ♀, leg. N. Owens;

Capdepera, Cala Mesquida, 23.v.2012, 2 ♀ ♀

***Megascolia maculata flavifrons* (FABRICIUS 1775)**

SAUNDERS 1904: (as *Scolia flavifrons* F.) around Palma, 26-27.vi.1901, 1 ♂, 1 ♀; Sóller, 4.vii.1901,  
1 ♀;

Lluc-Pollença, 6.vii.1901, 3 ♂ ♂; S'Albufereta, 9.vii.1901, 1 ♀

S'Albufera, Son Bosc, May 2007, 1 ♂, 1 ♀, leg. A. Traveset; Sa Roca, 12.v.2008, 1 ♂, det. Baldock,  
leg. M. Jenner

Felanitx, Son Mesquida, 19.ix.2008, 1 ♀, leg. Baldock

Alcudia, Mal Pas, 18-25.vi.2010, 1 ♂, 2 ♀ ♀, leg. G. Reder

***Scolia e. erythrocephala* FABRICIUS 1798**

GARCÍAS 1953: Arta, dunes at Mesquida, 7.vii.1933, leg. ?Dusmet  
MINGO & COMPTE 1963: Mallorca, 1894, 3 ♂ ♂, (I. Moragues)  
Cala Ratjada, 19.ix.2008, 1 ♂, det. L. Castro, leg. Baldock  
Alcudia, Mal Pas, 18-25.vi.2010, 3 ♂ ♂, leg. G. Reder  
S'Albufera, Ses Puntetes, 24.ix.2012, males common, leg. Baldock; Son Bosc, 25.ix.2012, 1 ♂, leg. N. Owens

***Scolia hirta* (SCHRANK 1781)**

MINGO & COMPTE 1963: Prat de Sant Jordi, Palma 5.vi.1895, 1 ♀, (F. Moragues)  
GARCÍAS 1953: Arta, Arenal de Ses Pastores, 21.vi.1927, 1 ♂, det. ?Dusmet  
COMPTE 1959: Palma, 17.vi.1956, 2 ♂ ♂  
Alcudia, Mal Pas, 18-25.vi.2010, 3 ♂ ♂; 20-25.vi.2011, 1 ♂, leg. G. Reder

***Scolia hortorum* FABRICIUS 1787**

Cala Mesquida, 19.vi.2008-12.vii.2010, leg. and det. R. Castro  
S'Albufera, Son Bosc, 14.vii.2010, 1 ♂, det. L. Castro, leg. R. Castro; 12.vii.2011, 1 ♂, leg. X. Rottlan

***Scolia s. sexmaculata* (MULLER 1766)**

SAUNDERS 1904: (as *S. 4-punctata* F.) Abundant everywhere, 1901  
Cala Mesquida, 4.vii.2008, 1 ♂, leg. A. Traveset, det. D. Gibbs

**P o m p i l i d a e**

**P e p s i n a e**

***Cryptocheilus bequarti* SUSTERA 1924**

Pollença, 21.ix.2012, 1 ♀, det. Wahis, leg. Baldock

***Cryptocheilus egregius* LEPELETIER 1845**

SAUNDERS 1904: as *Salius bisdecoratus* COSTA, near Palma, 28.vi.1901, 1 ♀  
Port de Pollença, 8-9.vii.1901, 12 ♂ ♂, 28 ♀ ♀; S'Albufereta, 8-9.vii.1901, 3 ♂ ♂, 1 ♀  
ERLANDSSON 1972: Port d'Alcudia, 19.vii.1969, 1 ♂

***Priocnemis faillae* DESTEFANI 1886**

ERLANDSSON 1972: Palma, 20.vii.1959, 1 ♀  
Son Serra, 1.iv-1.v.2006, 3 ♀ ♀, det. Wahis, leg. B. Padrón  
S'Albufera, 10.iv.2012, 1 ♀, leg. L. Royo; Son Bosc, 14.vi.2011, 1 ♂, det. Wahis, leg. B. Velasquez

***Priocnemis pogonioides* COSTA 1883**

S'Albufera, Es Comú, 12.v.2007, 1 ♂, det. Wahis, leg. D. Gibbs; 28.ix.2012, 1 ♂, leg. N. Owens

***Priocnemis propinqua* (LEPELETIER 1847)**

SAUNDERS 1904: above Sóller Pass, 3.vii.1901, 1 ♀

S'Albufera: 1.iv.2006, 1 ♀; at Ses Puntetes, 19.iv.2006, 1 ♀, det. Wahis, leg. D. Gibbs

***Priocnemis pusilla* (SCHIOEDTE 1887)**

SAUNDERS 1904: Sóller Pass, 1.vii.1901, 1 ♀

***Priocnemis vulgaris* (DUFOR 1841)**

Ca'n Picafort, 1-15.vi.1984, 1 ♂, det. Wahis, leg. J. Burn

***Auplopus albifrons* (DALMAN 1823)**

SAUNDERS 1904: Sóller-Lluc, 5.vii.1901, 1 ♀; Lluc, 6.vii.1901, 1 ♀

***Auplopus carbonarius* (SCOPOLI 1763)**

SAUNDERS 1904: as *Pseudagenia*, around Sóller Pass, 29.vi-1.vii.1901, 1 ♂, 5 ♀ ♀

Ca'n Picafort, 1-15.vi.1984, 1 ♂, det. Baldock, leg. J. Burn

Felanitx, Son Mesquida, 19.ix.2008, 1 ♀, det. Wahis, leg. Baldock

S'Albufera, Sa Roca, 20/30.x.2011, 4 ♀ ♀, leg. N. Owens/N.J. Riddiford; 2.v.2012, 1 ♂, leg. N. Owens

***Dipogon variegatus* (LINNAEUS 1758)**

S'Albufera, 21.ix.2003, 2 ♀ ♀, det. Wahis, leg. Baldock

S'Albufera, Es Comu, 1.v.2009, 1 ♀, det. Wahis, leg. Juanjo; Son Bosc, 25.ix.2012, 1 ♀, det. Baldock, leg. N. Owens

Andratx, 4.v.2012, 1 ♀, det. Baldock, leg. H. Whiteley

**P o m p i l i n a e**

***Agenioideus apicalis* (VANDER LINDEN 1827)**

SAUNDERS 1904: Sóller Pass, 29.vi.1901, 1 ♀; Sóller-Lluc, 5.vii.1901, 1 ♀

Pollença, 6.vii.1901, 1 ♀

Felanitx, Son Mesquida, 19.ix.2008, 1 ♀, det. Wahis, leg. Baldock

***Agenioideus nubecula* (COSTA 1874)**

Felanitx, Son Mesquida, 19.ix.2008, 2 ♂ ♂, det. Wahis, leg. Baldock

***Agenioideus usurarius* (TOURNIER 1889)**

ERLANDSSON 1972: Port d'Alcudia, 14.vii.1969, 1 ♂

S'Albufera, 21.ix.2003, 1 ♂, det. Wahis, leg. Baldock

***Anoplius caviventris* (AURIVILLIUS 1907)**

S'Albufera, 10.ix.2002, 2 ♀ ♀; Campos, Salinas, 10.ix.2002, 1 ♀, all det. Wahis, leg. Baldock

S'Albufera, Sa Roca, 3.vi.2008, 1 ♀, leg. T. Tomas, det. G. Collins

***Anoplius concinnus* (DAHLBOM 1843)**

S'Albufera, Ses Punes, 24.ix.2012, 1 ♀, leg. Baldock, det. Wahis

***Anoplius infuscatus* (VANDER LINDEN 1827)**

SAUNDERS 1904: (as *Pompilus chalybeatus* SCHIODTE) around Palma, 26.vi. and 10.vii.1901, 2 ♂ ♂; S'Albufereta, 8-9.vii.1901, 2 ♂ ♂, 5 ♀ ♀  
S'Albufera, 21.ix.2003, 1 ♂, 6 ♀ ♀, *f. melinasante* det. Wahis, leg. Baldock  
S'Albufera; Son Bosc, 25.iv.2006/17.v.2007, 1 ♂, 1 ♀; Ses Punes, 17.v.2007, 1 ♂ *f. melanisante* det. Wahis, leg. D. Gibbs; Es Cillobar, 15.v.2008, 1 ♀, leg. M. Jenner  
Felanitx, Son Mesquida, 19.ix.2008, 1 ♂, *f. melanisante* det. Wahis, leg. Baldock  
S'Albufera, Es Senyals, 18.x.2011, 3 ♀ ♀, *f. melanisante* det. Wahis, leg. N. Owens

***Anoplius nigerrimus* (SCOPOLI 1763)**

S'Albufera, 21.ix.2003, 3 ♂ ♂, 3 ♀ ♀; 21.ix.2012, 1?, det. Wahis, leg. Baldock  
S'Albufera, Sa Roca, 23.x.2011, 1 ♂, 3 ♀ ♀, det. Wahis, leg. N. Owens

***Anoplius viaticus* (LINNAEUS 1758)**

SAUNDERS 1901: Palma, Castell de Bellver, 26 and 30. iii.1900, 5 ♀ ♀; Pollença, 2/3.iv.1900,  
SAUNDERS 1904: Common (9 ♂ ♂, 18 ♀ ♀) 28.vi-9.vii.1901  
ERLANDSSON 1972: Palma, 30.iii.1959, 1 ♀  
Ca'n Picafort, 1-15.vi.2012, 1 ♂, det. Baldock, leg. J. Burn  
Cala Millor, 2.ix.1998, 1 ♂, det. Wahis, leg. J. Burn,

***Anospilus balearicus* HAUPT 1936**

Wolf, 1982 letter: Mallorca

***Anospilus orbitalis* (COSTA 1887)**

Deià, 20.ix.2003, 1 ♂ *f. luctigerus*, det. Wahis, leg. Baldock  
Felanitx, Son Mesquida, 19.ix.2008, 1 ♀, det. Wahis, leg. Baldock

***Aporus unicolor* SPINOLA 1808**

SAUNDERS 1904: (as *Pompilus (Planiceps) castor*) Palma, Porto Pi, 27.vi.1901, 1 ♀  
Sóller-Lluc, 5.vii.1901, 1 ♂

***Arachnospila anceps* (WESMAEL 1851)**

SAUNDERS 1904: (as *Pompilus unguicularis* THOMS.) near Palma, 29.vi-12.vii.1901, 2 ♂ ♂  
S'Albufera, 21.ix.2003, 1 ♀ *f. melanisante* det. Wahis, leg. Baldock  
S'Albufera, Sa Roca, 23.x.2011, 1 ♂ *f. melanisante* ; Son Bosc, 25.ix.2012, 1 ♂, both det. Wahis,  
leg. N. Owens  
Andratx, 4.v.2012, 1 ♂, leg. H. Whiteley

***Arachnospila anceps peninsularis* WOLF 1964**

S'Albufera, Es Comú, 1.vi.2009, 1 ♂, det. Wahis, leg. Juanjo

***Arachnospila effodiens* (FERTON 1897)**

SAUNDERS 1904: (as *Pompilus effodiens* FERT.) nr Palma, 26.vi-12.vii.1901, 2 ♀ ♀; Pollença, 8.vii.1901, 1 ♀

***Arachnospila holomelas* (COSTA 1882)**

SAUNDERS 1904: (as *Pompilus holomelas*) Sóller Pass, 1-3.vii.1901, 3 ♀ ♀

***Arachnospila holomelas gymnesiae* (DALLA TORRE 1897)**

Balearics and North Africa

Ca'n Picafort, 1-15.vi.1984, 1 ♀, leg. J. Burn

S'Albufera, Es Comú, 6.x.2004, 1 ♀, det. Wahis, leg. P. Vicens; 28.ix.2012, 1 ♀, leg. N. Owens

S'Albufera, Ses Punes, 17.v.2007, 1 ♂, det. Wahis, leg. D. Gibbs

Puig Major, Cúber 900m, 25.v.2012, 1 ♀, leg. Baldock

Deià, 24.v.2012, 1 ♀, leg. Baldock

Puigpunyent, 22.v.2012, 2 ♀ ♀, det. and leg. Baldock

Esporles, 25.v.2012, 1 ♀, det. and leg. Baldock

Arta Peninsula nr Punta d'es Calo, 23.ix.2012, 1 ♀, det. Baldock, leg. N. Owens

***Arachnospila holomelas dissona* WAHIS 1974**

Felanitx, Son Mesquida, 19.ix.2008, 1 ♀, det. Wahis, leg. Baldock

***Arachnospila (Alpinopompilus) poultoni* SAUNDERS 1904**

Endemic to Balearic Islands

SAUNDERS 1904: Sóller Pass, 30.vi.1901, 1 ♀, leg. W. Holland; above Sóller Pass, 3.vii.1901, 1 ♂, leg. A. Hamm; Sóller to Lluc, 5.vii.1901, 1 ♂; Palma, Castell de Bellver, 11.vii.1901, 1 ♂, leg. E. Poulton

Felanitx, Son Mesquida, 19.ix.2008, 1 ♀, det. Wahis, leg. Baldock

Ca'n Picafort, 1-15.vi.1984, 1 ♀, det. Baldock, leg. J. Burn

***Dicyrtomellus tingitanus* (WOLF 1966)**

S'Albufera, 10.ix.2002, 1 ♀, det. Wahis, leg. Baldock

Alcudia, Mal Pas, 20-25.vi.2011, 1 ♀, leg. G. Reder

***Dicyrtomellus tingitanus cinereus* WAHIS ???**

S'Albufera, Son Bosc, 6.vi.2007, 1 ♂, det. Wahis, leg. B. Padrón

***Dicyrtomellus tingitanus argenteus* WAHIS 1982**

S'Albufera, Son Bosc; 6.vi.2007, 1 ♂, leg. B. Padrón; 18.vi.2009, 14.vii.2010, 2 ♂ ♂, leg. R. Castro; all det. Wahis

Ca'n Picafort, 1-15.vi.1984, 1 ♂, leg. J. Burn

Port de Pollença, 1-15.viii.1992, 1 ♀, leg. S. Foster

***Entomobora fuscipennis* (Vander LINDEN 1827)**

SAUNDERS 1904: (as *Pompilus approximatus* SM.) Sóller, 5.vii.1901, 1 ♀; S'Albufereta, 9.vii.1901, 1 ♀  
Ca'n Picafort, 1-15.vi.1984, 2 ♂ ♂, 1 ♀, det. Wahis, leg. J. Burn  
Deià, 10.ix.2002, 1 ♀, det. Wahis, leg. Baldock  
Alcudia, Mal Pas, 20-25.vi.2011, 1 ♀, leg. G. Reder  
Ca'n Picafort, Son Real, 26.ix.2012, 1 ♀, det. Wahis, leg. N. Owens

***Episyron coccineipes* (SAUNDERS 1904)**

SAUNDERS 1904: A.Hamm, Plain of Palma, road to Sóller, 29.vi.1901, 1 ♀

***Episyron funerarium* (TOURNIER 1889)**

Ca'n Picafort, 1-15.vi.1984, 1 ♀, det. Baldock, leg. J. Burn

***Episyron rufipes* (LINNAEUS 1758)**

SAUNDERS 1904: Sóller Pass, 30.vi/3.vii.1901, 2 ♂ ♂  
S'Albufera; 2-15.v.2003, 1 ♀, leg. D.Sivell; Ses Puntetes, 17.v.2007, 1 ♂; Es Comú, 22.x.2011, 1 ♂,  
both det. Wahis

***Evagetes siculus* (LEPELETIER 1845)**

*f. melanisante*; Deià, 20.ix.2003, 3 ♀ ♀; Albufera, 21.ix.2003, 1 ♂, det. Wahis, leg. Baldock  
S'Albufera, Es Comu, 28.ix.2012, 1 ♀, det. Wahis, leg. N. Owens,

***Microphadnus pumilus* (COSTA 1882)**

Felanitx, Son Mesquida, 19.ix.2008, 1 ♂, 2 ♀ ♀, det. Wahis, leg. Baldock  
Alcudia, Mal Pas, 20-25.vi.2011, 1 ♂, leg. G. Reder

***Pompilus cinereus* (FABRICIUS 1787)**

S'Albufera, Es Comú, 20.v.2007, 1 ♀, det. Wahis, leg. D. Gibbs  
Capdepera, Cala Mesquida, 23.v.2012, 1 ♀, leg. Baldock

**C e r o p a l i n a e**

***Ceropales cribratus* COSTA 1881**

S'Albufera, Sa Roca, 20.ix.2012, 2 ♂ ♂, det. Baldock, leg. N. Owens, pan trap,

***Ceropales maculata* (FABRICIUS 1775)**

SAUNDERS 1904; Sóller Pass, 30.vi.1901, 2 ♀ ♀; Lluç-Pollença, 6.vii.1901, 1 ♀; S'Albufereta, 8-9.vii.1901, 2 ♀ ♀  
GARCÍAS 1953: Arta, 1933, det. ?Dusmet



### ***Ceropales pygmaea* KOHL 1880**

S'Albufera, 10.ix.2002, 1 ♂; 21.ix.2003, 2 ♂ ♂, all det. Wahis, leg. Baldock

## **V e s p i d a e**

### **E u m e n i n a e**

#### ***Ancistrocerus biphaleratus triphaleratus* (SAUSSURE 1855)**

Ca'n Picafort, 1-15.vi.1984, 1 ♀, det. Castro, leg. J. Burn

S'Albufera, Es Senyals, 22.x.2011, 3 ♂ ♂, det. Baldock, leg. N. Owens; Sa Roca, 12.iv.2001, 1 ♀, det. L. Castro, leg. N.J. Riddiford

#### ***Ancistrocerus ebusianus* (LICHTENSTEIN 1884)**

Endemic to Ibiza and Cabrera

Cabrera PN, 18.iv.2012, 2 ♀ ♀, leg. M. Honey

#### ***Ancistrocerus gazella* (PANZER 1798)**

ERLANDSSON 1972: Port d'Alcudia, 24.vii.1969, 1 ♀

Ca'n Picafort, 1-15.vi.1984, 1 ♀, leg. J. Burn

S'Albufera, 24.v.2001, 1 ♂, det. Jozan, leg. N.J. Riddiford

S'Albufera, Es Rotlos, 3.vi.2008, 1 ♀, leg. Hill/Sergeant; Son Bosc, 25.v.2012, 1 ♀, leg. N. Owens

Felanitx, Son Mesquida, 19.ix.2008, 1 ♂, 2 ♀ ♀, det. L. Castro, leg. Baldock

Alcudia, Mal Pas, 20-25.vi.2011, 2 ♂ ♂, leg. G. Reder

Cüber, 21.ix.2012, 1 ♂, leg. Baldock

#### ***Ancistrocerus kitcheneri* (DUSMET 1917)**

S'Albufera, 10.ix.2002, 2 ♀ ♀, det. L. Castro, leg. Baldock. First record for Balearics (CASTRO & DVORAK 2009: 265)

S'Albufera, 10.iv.2007, 1 ♀, det. L. Castro, leg. B. Padrón

S'Albufera, Son Bosc, 16.v.2007, 1 ♀, det. L. Castro, leg. A. Traveset

S'Albufera, Es Senyals, 22.x.2011, 3 ♀ ♀, det. L. Castro, leg. N. Owens; Ses Puntes, 24.ix.2012, 1 ♀, det. L. Castro, leg. Baldock

S'Albufera, Sa Roca, 12.v.2008, 3 ♂ ♂, 1 ♀, det. L. Castro, leg. M. Jenner

#### ***Ancistrocerus l. longispinosus* (SAUSSURE 1855)**

SAUNDERS 1901: (as *Odynerus parietum* L.) Inca

SAUNDERS 1904: (as *O. parietum* L.) abundant

ERLANDSSON 1972: Port d'Alcudia, 15.vii.1969, 2 ♀ ♀

S'Albufera, 21.ix.2003, 1 ♀, det. Archer, leg. Baldock; Sa Roca, 12.iv.2009, 1 ♀, det. L. Castro, leg. P. Sutton

Capdepera, Cala Mesquida, 28.iv.2010, 1 ♀, leg. R. Castro, det. Jozan

Puig Major, Escorca, 8.vii.2010, 1 ♀; 20.vii.2011, 1 ♀, both det L. Castro, leg. C. Tur

Alcudia, Mal Pas, 18-25.vi.2010, 3 ♀ ♀; 20-25.vi.2011, 2 ♀ ♀, leg. G. Reder

***Ancistrocerus renimacula* (LEPELETIER 1841)**

SAUNDERS 1904: (as *Odynerus parietum* L. var. *renimacula*) Sóller Pass  
Ca'n Picafort, 1-15.vi.1984, 1 ♀, det. L. Castro, leg. J. Burn  
S'Albufera, 19.iv.2008, 1 ♀, det. L. Castro, leg. A.Traveset  
Esporles, 26.v.2012, 3 ♀ ♀, det. L. Castro, leg. D.Baldock

***Eumenes c. coarctatus* (LINNAEUS 1758)**

SAUNDERS 1904: fairly abundant everywhere, 1901. This probably refers to any species of this genus that occurs on the island  
Ca'n Picafort, 1-15.vi.1984, 1 ♂  
Deià, 10.ix.2002, 1 ♀, det. M. Archer, leg. Baldock  
S'Albufera, Son Bosc, 21.ix.2003, 1 ♂; 21.ix.2012, 1 ♂, leg. Baldock; 21.iv.2006, 1 ♂, det/leg. D. Gibbs; 16.vi.2010, 1 ♀, det. L. Castro, leg. R. Castro  
S'Albufera, Es Comu, 14.v.2008, 1 ♀, leg. M. Jenner; Ses Puntes, 21.ix.2012, 1 ♂, leg. Baldock  
S'Albufera, Cami Central, 18.x.2011, 1 ♀, det. L. Castro, leg. N. Owens  
Puig Major, Escorca, 20.vi.2011, 1 ♀, det. L. Castro, leg. R. Castro  
Galilea, 22.v.2012, 1 ♀, det. L. Castro, leg. Baldock  
Port de Pollença, i.v.2012, 1 ♂, det. L. Castro, leg. N. Owens  
Paguera, Andratx, 4.v.2012, 1 ♂, leg. H. Whiteley

***Eumenes d. dubius* SAUSSURE 1852**

ERLANDSSON 1972: Port d'Alcudia, 15.vii.1969, 1 ♂  
Ca'n Picafort, 1-15.vi.1984, 2 ♂ ♂, det. L. Castro, leg. J. Burn  
S'Albufera, 10.ix.2002, 2 ♂ ♂, det. L. Castro, leg. Baldock; Son Bosc, 25.ix.2012, 1 ♂, leg. N. Owens  
Campos, Salines, 24.ix.2003, 2 ♂ ♂, 2 ♀ ♀, det. L. Castro, leg. Baldock  
Felanitx, Son Mesquida, 19.ix.2008, 4 ♂ ♂, det. L. Castro, leg. Baldock  
Esporles, 26.v.2012, 2 ♀ ♀, det. L. Castro, leg. Baldock  
Puigpunyent, 22.v.2012, 2 ♂ ♂, det. L. Castro, leg. Baldock  
Cúber, 21.ix.2012, 1 ♂, det & leg, Baldock

***Eumenes m. mediterraneus* KRIECHBAUMER 1879**

Port de Pollença, 7-15.vii.1992, 1 ♂, 3 ♀ ♀, det. M. Archer  
Sa Colonia de Sant Jordi, 10.ix.2002, 1 ♀, det. M. Archer, leg. Baldock  
Deià, 10.ix.2002 and 20.ix.2003, 3 ♀ ♀, det. M. Archer, leg. Baldock  
Cúber, 22.ix.2003, 1 ♀, det. M. Archer, leg. Baldock  
Felanitx, Son Mesquida, 19.ix.2008, 1 ♀, det. L. Castro, leg. Baldock  
Andratx, 4.v.2012, 1 ♀, leg. H. Whiteley  
Cala San Vicente, 23.ix.2012, 1 ♂, det. & leg. Baldock

***Eumenes subpomiformis* BLÜTHGEN 1938**

Mallorca. (L. Castro, pers. comm.)

***Euodynerus dantici* (ROSSI 1790)**

SAUNDERS 1904: (as *Odynerus dantici* ROSSI) near Palma, 27.vi-12.vii.1901, 8♂♂, 4♀♀; Sóller Pass, 3♂♂; S'Albufereta, 8.vii.1901, 1♀  
Port de Pollença, 3.v.2012, 4♂♂, det. L. Castro, leg. N. Owens  
Esporles, 25.v.2012, 1♀, det. L. Castro, leg. Baldock  
Alcudia, 13.v.2001, 1♂, det. L. Castro, leg. J. Burn  
Paguera, Andratx, 4.v.2012, 2♂♂, det. L. Castro, leg. H. Whiteley

***Euodynerus posticus* (HERRICH-SCHÄFFER 1841)**

SAUNDERS 1904: (as *Odynerus simplex* F.) Palma; Sóller; Pollença  
F. Sanza, Mallorca. (L. Castro, pers. comm.)

***Euodynerus variegatus* (FABRICIUS 1793)**

ERLANDSSON 1972: Port d'Alcudia, 19.vii.1969, 1♀  
S'Albufera, 21.x.2003, 2♂♂. det. M. Archer, leg. Baldock; Sa Roca, 12.v.2008, det. L. Castro, leg.  
M. Jenner; Ses Puntetes, 24.ix.2012, 1♂, det. L. Castro, leg. Baldock  
Alcudia, Mal Pas, 18-25.vi.2010, 1♂, leg. G. Reder

***Leptochilus duplicatus* (KLUG 1835)**

SAUNDERS 1904: (as *Odynerus alpestris* SAUSS.) around Palma  
S'Albufera, 10.ix.2002, 1♂; 24.ix.2003, 3♀♀, det. M. Archer, leg. Baldock  
S'Albufera, Son Bosc, 25.ix.2012, 1♂, det. L. Castro, leg. N. Owens  
Campos, Salines, 24.ix.2003, 1♀, det. L. Castro, leg. Baldock

***Leptochilus m. medanae* (GRIBODO 1886)**

S'Albufera, Es Comú, 20.v.2007, 1♂, det. L. Castro, leg. D. Gibbs  
S'Albufera, Son Bosc, 14.vii.2010, 1♀, det. L. Castro, leg. R. Castro

***Leptochilus regulus* (SAUSSURE 1855)**

SAUNDERS 1904: (as *Odynerus siculus* de STEF.) Palma; Pollença  
Son Bosc, Muro, S'Albufera, 14.vi.2011, 1♀, det. L. Castro, leg. X.Rotllan  
Alcudia, Mal Pas, 18-25.vi.2010, 1♀; 20-25.vi.2011, 6♀♀, leg.G. Reder

***Microdynerus exilis* (HERRICH-SCHÄFFER 1839)**

Tramuntana, Galilea, 22.v.2012, 1♀, det. L. Castro, leg. Baldock  
Esporles, 25.v.2012, 1♂, det. L. Castro, leg. Baldock,  
Cala Mesquida, 23.v.2012, 1♂, det. and leg. Baldock

***Microdynerus timidus* (SAUSSURE 1856)**

Ca'n Picafort, 1-15.vi.1984, 1♀, det. M. Archer, leg. J. Burn. First record for Mallorca,  
S'Albufera, Son Bosc; 6.vi.2007, 1♀, det. L. Castro, leg. A. Traveset; 7.vi.2011, 1♂, leg. X.  
Rotllan  
Paguera, Andratx, 4.v.2012, 1♀, det. L. Castro, leg. H. Whiteley

***Odynerus reniformis* (GMELIN 1790)**

Mallorca. (L. Castro, pers. comm.)

***Pseudepipona l. lativentris* (SAUSSURE 1855)**

Mallorca. (L. Castro, pers. comm.)

***Pseudepipona sessilis* (SAUSSURE 1853)**

Mallorca. (L. Castro, pers. comm.)

***Rhyncium o. oculatum* (FABRICIUS 1781)**

SAUNDERS 1904: Sóller, 4.vii.1901, 2♂♂; Pollença, 7.vii.1901, 3♂♂, 3♀♀; S'Albufereta, 9.vii.1901, 2♀♀  
ERLANDSSON 1972: Port d'Alcudia, 23-24.vii.1969, 2♀♀

***Stenodynerus f. fastidiosissimus* (SAUSSURE 1855)**

Cala Millor, 2.ix.1998, 1♀, leg. J. Burn  
Alcudia, 13.v.2001, 1♂, leg. J. Burn  
Deià, 20.ix.2003, 1♂, det. M. Archer, leg. Baldock  
S'Albufera, 21.ix.2003, 3♂♂, 6♀♀, det. L. Castro, leg. Baldock; Sa Roca, 2008, leg. M. Jenner  
Campos, Salines, 24.ix.2003, 3♀♀, det. M. Archer, leg. Baldock  
S'Albufera, Son Bosc, 4.vi.2009, 1♀ and 12.iv.2010, 1♂, det. L. Castro, leg. R. Castro; 25.ix.2012, 2♀♀, det. L. Castro, leg. Baldock; Canal, 21.ix.2012, 1♀, leg. Baldock  
S'Albufera, Es Senyals, 18.x.2011, 5♀♀; at Ses Puntes, 19.x.2011, 1♂, all leg. N. Owens  
Port de Pollença, 7-15.viii.1992, 2♂♂, leg. S. Foster; 3.v.2012, 3♂♂, det. L. Castro, leg. N. Owens  
S'Albufera, Can Blau, 5.v.2012, 1♀, det. L. Castro, leg. N. Owens; Cami des Senyals, 2000, 1♂

***Symmorphus gracilis* (BRULLE 1832)**

Mallorca. (L. Castro, pers. comm.)

**P o l i s t i n a e**

***Polistes dominula* (CHRIST 1791)**

SAUNDERS 1901: (as *Polistes gallica* L.) Palma; Miramar; Pollença; S'Albufera; Inca, March-April 1900  
SAUNDERS 1904: (as *P. gallica* L.) abundant everywhere, 1901  
Common 2002-2011 (S'Albufera at Sa Roca and Es Colombars; Deià; Escorca, Serra de Tramuntana at Gorg Blau, Puig de Sant Martí and Cúber; Felanitx; Andratx)

***Polistes gallicus* (LINNÉ 1767)**

ERLANDSSON 1972: (as *P. omissus*) Palma, 21.viii.1956, 1♀; Porto d'Alcudia, 14-24.vii.1969, 8♂♂, 3♀♀  
Common 2002-2012 (S'Albufera at Son Bosc, Es Comú, Es Colombar, Sa Roca, Es Senyals; Deià; Cúber; Esporles; Campos, Salines; Felanitx, Son Mesquida, Ca'n Picafort, Cala Millor)

## V e s p i n a e

### *Dolichovespula sylvestris* (SCOPOLI 1763)

Mallorca. (L. Castro, pers. comm.)

### *Vespula germanica* (FABRICIUS 1793)

SAUNDERS 1904: around Sóller only, 30.vi-4.vii.1901, 4 ♀ ♀

Ca'n Picafort, 1-15.vi.1984, 1 ♀, leg. J. Burn

Deià, 10.ix.2002, 1 ♀; 20.ix.2003, 2 ♀ ♀, all leg. Baldock

Andratx, 4.v.2012, 1 ♀, leg. H. Whiteley

### *Vespula vulgaris* (LINNAEUS 1758)

Mallorca. (L. Castro, pers. comm.)

## S p h e c i d a e

### A m p u l i c i n a e

### *Dolichurus corniculus* (SPINOLA 1808)

Mal Pas, Alcudia, 20-25.vi.2010, 6 ♂ ♂, leg and det. G. Reder

### *Dolichurus haemorrhous* COSTA 1886

S'Albufera, Sa Roca, 22.x.2011, 2 ♂ ♂, 1 ♀; 20.ix.2012, 3 ♂ ♂, 3 ♀ ♀; Ses Puntes, 24.ix.2012, 2 ♂ ♂, 3 ♀ ♀, all leg. N. Owens

## A s t a t i n a e

### *Astata boops* (SCHRANCK 1781)

SAUNDERS 1904: Sóller Pass, 1.vii.1901, 2 ♂ ♂; near Pollença, 7.vii.1901, 2 ♀ ♀

Ca'n Picafort, 1-15.vi.1984, 1 ♀, det. Baldock, leg. J. Burn

Deià, 10.ix.2002, 1 ♀, det. Y. Barbier, leg. Baldock

### *Dryudella tricolor tricolor* (Vander LINDEN 1829)

Ca'n Picafort, 1-5.vi.1984, 2 ♂ ♂, leg. J. Burn

Cala Millor, 21-30.vii.1997, 1 ♂, leg. J. Burn

## S p h e c i n a e

### *Podalonia hirsuta* (SCOPOLI 1763)

SAUNDERS 1901: 9 ♀ ♀, 1900 Palma, 24.iii.; Castell de Bellver, 25-30.iii.; Miramar, 27.iii.

SAUNDERS 1904: Common June/July 1901, 32 ♂ ♂, 12 ♀ ♀

Puig Major, Escorca, 17.vi.2009-17.vi.2010, 4 ♂ ♂, 1 ♀, leg. C. Tur

***Podalonia tydei* (Le GUILLOU 1841)**

SAUNDERS 1904: Common, 1901 near Palma; Sóller; Pollença  
Common 1984-2012 at numerous localities e.g. Alcudia; Can Picafort; Cala Millor; Cala  
Mesquida; Campos, Salines; Puig Major, Escorca; S'Albufera at Son Bosc, Sa Roca, Es  
Comú, Ses Punes

***Prionyx kirbii* (Vander LINDEN 1827)**

Ca'n Picafort, 1-15.vi.1984, 2♂♂, 2♀♀, leg. J. Burn  
S'Albufera, Son Bosc, 10.ix.2002, 3♀♀; 21.ix.2003, 2♂♂; 17.vii.2009, 1♀; 25.ix.2012, 1♂  
S'Albufera, Sa Roca, 12.v.2008, 1♂; Ses Salinetes, 14.v.2008, 1♀; Es Cibollar, 15.v.2008, 1♂, all  
leg. M. Jenner  
Campos, Salines, 24.ix.2003, 1♂, 1♀, leg. Baldock

***Prionyx lividocinctus* (COSTA 1858)**

Mediterranean  
Campos, Salines, 24.ix.2003, 1♀, leg. and det. Baldock

***Prionyx nudatus* (KOHL 1885)**

GARCÍAS 1953: (as *Sphex (Parasphex) mocsary* KOHL) Arta, in sandy sites, vii.1933, det. ?Dusmet

***Prionyx subfuscatus* (DAHLBOM 1845)**

SAUNDERS 1904: Near Palma, 28.vi-11.vii.1901, 1♂, 1♀; Sóller, 3-4.vii.1901, 2♂♂; Pollença,  
9.vii.1901, 1♀  
Ca'n Picafort, 1-15.vi.1984, 2♂♂, leg. J. Burn  
S'Albufera, 10.ix.2002, 1♂; 21.ix.2003, 5♂♂, 1♀; Ses Punes, 24.ix.2012, 1♀, all leg. Baldock  
Campos, Salines, 24.ix.2003, 1♂, leg. Baldock  
Alcudia, Mal Pas, 18-25.vi.2010, 4♂♂; 20-25.vi.2011, 2♂♂, leg. G. Reder

***Prionyx viduatus* (CHRIST 1791)**

SAUNDERS 1904: Palma, Porto Pi, 27.vi.1901, 1♀; 12.vii.1901, 2♂♂  
S'Albufera, 10.ix.2002, 1♀; 21.ix.2003, 2♂♂; Son Bosc, 25.ix.2012, 1♀, all leg. Baldock; Es  
Comu, 28.ix.2012, 1♀, leg. N. Owens  
Campos, Salines, 10.ix.2002, 5♀♀; 24.ix.2003, 1♂, 2♀♀, all leg. Baldock  
Cap de ses Salines, 19.ix.2008, 1♂, leg. Baldock  
Ca'n Picafort, 26.ix.2012, 1♀, leg. N. Owens

***Sceliphron curvatum* (SMITH 1870)**

CASTRO 2010: Buñola, 4.ii.2008, 5 nests; 18.vi.2008, 1 adult in a house, photos M. Martinez

***Sceliphron destillatorium* (ILLIGER 1807)**

SAUNDERS 1904: (as *S. pensilis* LATR.) Lluch, 6.vii.1901, 1♂, 1♀; Pollença, 7-9.vii.1901, 1♂,  
4♀♀; Palma, 12.vii.1901, 1♂

***Sceliphron spirifex* (LINNAEUS 1758)**

SAUNDERS 1904: Common wherever mud was found, 1901  
Cala Millor, 24.viii.1998, 1 ♀, leg. J. Burn  
Albufera, 10.ix.2002, 2 ♂ ♂; 21.ix.2003, 1 ♀, all leg. Baldock  
Deià, 20.ix.2003, 1 ♂, leg. Baldock  
Felanitx, Mesquida, 19.ix.2008, 1 ♂, 2 ♀ ♀, leg. Baldock  
Alcudia, Mal Pas, 18-25.vi.2010, 2 ♂ ♂; 20-25.vi.2011, 1 ♂, leg. G. Reder  
S'Albufera, Sa Roca, 24.ix.2012, 2 ♀ ♀

***Sphex flavipennis* FABRICIUS 1793**

SAUNDERS 1904: Palma, Castell de Bellver, 26.vi.1901, 1 ♀; Sóller Pass, 30.vi-2.vii.1901, 2 ♂ ♂,  
2 ♀ ♀; Pollença- Castell del Rei, 7.vii.1901, 2 ♀ ♀  
ERLANDSSON 1972: San Martin de Valdemossa, 9.viii.1960, 1 ♀

***Sphex funerarius* GUSSAKOVIJ 1934 = *S. rufocinctus* BRULLE 1833**

Ca'n Picafort, 1-15.vi.1984, 4 ♂ ♂, det. Baldock, leg. J. Burn  
Alcudia, 16.v.2001, 1 ♂, leg. J. Burn  
Puig Major, 13.vii.2010, 1 ♂, leg. C. Tur  
Puig Major, Escorca, 7.viii.2011, 1 ♂, leg. X. Rotllan

**L a r r i n a e**

***Larra anathema* (ROSSI 1790)**

S'Albufera, 10.ix.2002, 2 ♀ ♀, det. and leg. Baldock

***Liris atratus* (SPINOLA 1805)**

ERLANDSSON 1972: Palma, 20.iii.1959, 1 ♀  
Felanitx, Son Mesquida, 19.ix.2008, 1 ♂, 6 ♀ ♀, leg. Baldock

***Liris praetermissus* RICHARDS 1928**

Serra de Tramuntana, Gorg Blau, 23.x.2011, 3 ♂ ♂, det. Jozan, leg. N. Owens  
S'Albufera, Cami den Pujol, 19.ix.2012, 2 ♂ ♂, Sa Roca, 20.ix.2012, 2 ♂ ♂, all det. Baldock, leg. N.  
Owens, pan traps

***Nitela lucens* GAYUBO & FELTON 2000**

GAYUBO 2000: Mallorca, 8.ix.1983, 1 ♀, leg. M. Day  
Albufera, Sa Roca, 20.ix.2012, 1 ♀, det. Baldock, leg. N. Owens, pan trap

***Pison atrum* (SPINOLA 1808)**

Alcudia, Mal Pas, 18-25.vi.2010, 2 ♂ ♂; 20-25.vi.2011, 1 ♂, 2 ♀ ♀, all leg. G. Reder  
Albufera, Sa Roca, 20.ix.2012, 1 ♀, det. Baldock, leg. N. Owens, pan trap

***Miscophus absconditus* ANDRADE 1960**

Mallorcan endemic

Alcudia, Mal Pas, 25.vi.2010, 2♂♂, 2♀♀, det. C. Schmid-Egger; 25.vi.2011, 2♂♂, 8♀♀, all leg. G. Reder

***Miscophus belveriensis* ANDRADE 1960**

Mallorcan endemic

S'Albufera, Son Bosc, 25.ix.2012, 1♂, leg. N. Owens, det. Baldock

***Miscophus helveticus* KOHL 1883**

Mal Pas, Alcudia, 20-25.vi.2011, 1♂, det. C. Schmid-Egger, leg. G. Reder

***Solierella compedita* (PICCIOLI 1869)**

Ca'n Picafort, 1-15.vi.1984, 1♀, det. Baldock, leg. J. Burn

***Tachysphex erythropus* (SPINOLA 1839)**

Cala Millor, 21-30.vii.1997, 1♀, det. Baldock, leg. J. Burn

***Tachysphex fugax* (RADOSZKOWSKI 1877)**

SAUNDERS 1904: (as *T. filicornis* KOHL) Palma, Porto Pi, 10/12.vii.1901, 1♂, 2♀♀

***Tachysphex helveticus* KOHL 1885**

Son Bosc, Muro, 14.vi.2011, 1♀, det. Jozan leg. X. Rotllan

***Tachysphex obscuripennis gibbus* KOHL 1885**

Deià, 10.ix.2002, 1♀; 20.ix.2003, 1♀, det and leg. Baldock

***Tachysphex pompiliformis* (PANZER 1803)**

SAUNDERS 1904: (as *Notogonia p.*) Sóller Pass, 30.vi.1901, 1♀; Pollença, 8-9.vii., 2♀♀

***Tachysphex nitidus* SPINOLA 1805**

SAUNDERS 1904: Near Palma, 27.vi-28.vii.1901, 1♂, 2♀♀; Pollença, 12.vii.1901, 6♀♀

***Tachysphex tarsinus* LEPELETIER**

Paguera, Andratx, 4.v.2012, 1♂, det. Baldock, leg. H. Whiteley

***Tachysphex unicolor* (PANZER 1809)**

Alcudia, Mal Pas, 18-25.vi.2010, 4♂♂, 1♀; 20-25.vi.2011, 3♂♂, all det. K. Schmidt, leg. G. Reder



***Trypoxylon attenuatum* SMITH 1851**

SAUNDERS 1904: Sölller Pass, 3.vii.1901, 1 ♂; Pollença, 7.vii., 1 ♀; Palma, 12.vii, 1 ♂  
S'Albufera, Sa Roca, 22.x.2011, 2 ♂ ♂, 2 ♀ ♀, det. Baldock, leg. N. Owens

***Trypoxylon deceptorium* ANTROPOV 1991**

Alcudia, 17.v.2001, 1 ♂, det. Baldock, leg. J. Burn  
S'Albufera, 10.ix.1992, 1 ♀, det and leg. Baldock

***Trypoxylon scutatatum* CHEVRIER 1867**

Ca'n Picafort, 1-15.vi.1984, 1 ♀, det. Baldock, leg. J. Burn

**C r a b r o n i n a e**

***Crossocerus elongatulus* (Vander LINDEN 1829)**

SAUNDERS 1904: (as *Crabro e.*) near Palma, Lluçmajor road, 28.vi.1901, 3 ♂ ♂, 3 ♀ ♀  
Felanitx, Son Mesquida, 19.ix.2008, 1 ♂, det and leg. Baldock

***Ectemnius confinis* (WALKER 1871)**

S'Albufera, Son Bosc, 10.ix.2002, 1 ♀; 18.vi.2009, 1 ♂, all det and leg. Baldock  
S'Albufera, Es Colombars saltmarsh, 22.iv.2006, 1 ♂

***Ectemnius continuus* (FABRICIUS 1804)**

SAUNDERS 1904: (as *Crabro vagus*) Sölller, vi-vii.1901, 10 ♂ ♂; S'Albufereta, 2 ♂ ♂  
Ca'n Picafort, 1-15.vi.1984, 1 ♀, leg. J. Burn  
Deià, 10.ix.2002, 5 ♀ ♀, det and leg. Baldock  
S'Albufera, 10.ix.2002, 1 ♂, 2 ♀ ♀; at Es Colombars, 10.vi.2005, 1 ♀; at Sa Roca, 22.x.2011, 1 ♀;  
Son Bosc, 23.v.2012

***Ectemnius hypsae* (De STEFANI 1884)**

SAUNDERS 1904: Sölller-Lluc, 5.vii.1901, 1 ♀; Pollença-Port, 9.vii, 1 ♀; Palma, 10.vii, 1 ♀  
Ca'n Picafort, 1-15.vi.1984, 1 ♂, 1 ♀, det. Baldock, leg. J. Burn  
Alcudia, 22.v.2001, 1 ♂, leg. J. Burn  
Felanitx, Son Mesquida, 19.ix.2008, 1 ♀, det. and leg. Baldock

***Oxybelus dissectus* DAHLBOM 1845**

ERLANDSSON 1972: Port d'Alcudia, 23.vii.1969, 1 ♂

***Oxybelus lamellatus andaluciacus* SPINOLA 1843**

SAUNDERS 1904: S'Albufereta, 9.vii.1901, 1 ♀  
Campos, Salines, 24.ix.2003, 1 ♂, det and leg. Baldock

***Oxybelus mucronatus* FABRICIUS 1793**

COMPTE 1959: Mallorca

Alcudia, 18.v.2001, 1 ♂, det. Baldock, leg. J. Burn

S'Albufera, Cami den Pep, 22.ix.2012, 1 ♂, det. Baldock, leg. N. Owens

***Oxybelus victor* LEPELETIER 1845**

COMPTE 1959: Mallorca

***Rhopalum gracile* WESMAEL 1852**

S'Albufera; Area 3, 3.vi.2003, 1 ♀, leg. T. Sergeant; Es Colombars, 10.vi.2005, 2 ♀ ♀; Cami den Pep, 22.ix.1012, 1 ♀, leg. N. Owens; all det. Baldock

***Trachelioides quinquenotatus* (JURINE 1807)**

SAUNDERS 1904: (as *Crabro 5-notatus*) Sóller-Lluc, 5.vii.1901, 2 ♀ ♀, leg. A. Hamm

**P e m p h r e d o n i a e**

***Diodontus insidiosus* SPOONER 1938**

SAUNDERS 1904: (as *D. friesei*) near Palma, 28.vi.1901, 2 ♂ ♂

Puig Major, Escorca, 28.vii.2010, 1 ♂, det. Baldock, leg. C. Tur

Andratx, 4.v.2012, 1 ♂, det. Baldock, leg. H. Whiteley

Ca'n Picafort, 1-15.vi.1984, 3 ♀ ♀, leg. J. Burn

***Diodontus minutus* (FABRICIUS 1793)**

SAUNDERS 1904: Palma, near Porto Pi, 10.vii.1901, 1 ♀

Cabrera P N., 19-23.iv.2012, 2 ♂ ♂, det. Baldock, leg. N.J. Riddiford

Alcudia, Mal Pas, 18-25.vi.2010, 1 ♀, leg. G. Reder

***Mimumesa unicolor* (Vander LINDEN 1829)**

SAUNDERS 1904: (as *Mimesa palliditarsis* sp. nov.) S'Albufereta, 9.vii.1901, 4 ♂ ♂

***Passaloecus gracilis* (CURTIS 1834)**

Ca'n Picafort, 1-15.vi.1984, 1 ♂, det. Baldock, leg. J. Burn

Deià, 20.ix.2003, 1 ♀, det. and leg. Baldock

***Passaloecus insignis* (Vander LINDEN 1829)**

SAUNDERS 1904: Pollença-Port, 8.vii.1901, 1 ♂

***Passaloecus singularis* DAHLBOM 1844**

S'Albufera, Es Colombars, 10.vi.2005, 3 ♀ ♀, det. Baldock

***Pemphredon inornata* SAY 1824**

SAUNDERS 1904: (as *P. shuckardi*) S'Albufereta, 9.vii.1901, 1 ♂  
Ca'n Picafort, 1-15.vi.1984, 1 ♀, det. Baldock, leg. J. Burn

***Pemphredon lethifer* (SCHUCKARD 1837)**

SAUNDERS 1904: Söller Pass, 2.vii.1901, 1 ♀; S'Albufereta, 9.vii.1901, 1 ♀  
S'Albufera, Sa Roca, 3.vi.2008, 1 ♀; 22.x.2011, 2 ♀ ♀, det. Baldock

***Psenulus pallipes* (PANZER 1798)**

Alcudia, 15, 18, 19.v.2001, 3 ♂ ♂, det. Baldock, leg. J. Burn

***Spilomena mocsaryi* KOHL 1898**

BLÜTHGEN 1953: Mallorca

**N y s s o n i n a e**

***Harpactus elegans* (LEPELETIER 1832)**

Ca'n Picafort, 1-15.vi.1984, 3 ♂ ♂, det. Baldock, leg. J. Burn

***Harpactus formosus* (JURINE 1807)**

Alcudia, 17.v.2001, 1 ♂, det. Baldock, leg. J. Burn; 18-25.vi.2010, 1 ♀, leg. G. Reder

***Harpactus laevis* (LATREILLE 1792)**

SAUNDERS 1904: Söller Pass, 30.vi.1901, 1 ♀; Palma, Porto Pi, 12.vii.1901, 1 ♀

***Hoplisoides latifrons* (SPINOLA 1808)**

SAUNDERS 1904: Söller-Lluc, 5.vii.1901, 1 ♀

***Bembecinus tridens* (FABRICIUS 1781)**

SAUNDERS 1904: (as *Stizus t.*) near Palma, 2 ♂ ♂, 1 ♀; Söller-Port, 4.vii.1901, 2 ♂ ♂  
GARCIAS 1953: Arta, Arenal de Ses Pastores, vi.1933. det. ?Dusmet

***Stizus fasciatus* (FABRICIUS 1781)**

Alcudia, Mal Pas, 18-25.vi.2010, 1 ♂, det. and leg. G. Reder  
Capdepera, Cala Mesquida, 23.v.2012, 1 ♂, det. and leg. Baldock

***Bembix oculata* PANZER 1801**

SAUNDERS 1904: Palma, near Porto Pi, 10-12.vii.1901, 2 ♂ ♂, 3 ♀ ♀  
ERLANDSSON 1972: Port d'Alcudia, 14-15.vii.1969, 5 ♂ ♂  
Cala Millor, 21-30.vii.1997, 1 ♀; 20.viii.1998, 1 ♂, leg. J. Burn  
Campos, Salines, 24.ix.2003, 1 ♂, 2 ♀ ♀, det. and leg. Baldock

Cala Mesquida, June-July 2007, 2 ♀ ♀, det. and leg. R. Castro  
Alcudia, Mal Pas, 18-25.vi.2010, 2 ♂ ♂; 20-25.vi.2011, 3 ♂ ♂, leg. G. Reder

## **Philanthinae**

### ***Cerceris arenaria* (LINNAEUS 1758)**

SAUNDERS 1904: abundant, 1901

Ca'n Picafort, 1-15.vi.1984, 2 ♂ ♂, 1 ♀, det. Baldock, leg. J. Burn

Alcudia, 19.v.2001, 1 ♂, det. Baldock, leg. J. Burn

Campos, Salines, 10.ix.2002, 1 ♂, det. and leg. Baldock

S'Albufera, 21.ix.2003, 1 ♂, leg. D.Baldock

Cap de ses Salines, 19.ix.2008, 1 ♂, det. and leg. Baldock

S'Albufera, Es Comu, 28.ix.2012, 1 ♀; Pont dell Angleses, 27.ix.2012, 1 ♂; Son Bosc, 14.v.2008, 1 ♂

### ***Cerceris flavilabris* (FABRICIUS 1793)**

SAUNDERS 1904: (as *Cerceris ferreri* Vander LINDEN) fairly common, 1901, near Palma; Sóller Pass; S'Albufereta

ERLANDSSON 1972: Port d'Alcudia, 14.vii.1969, 1 ♂

S'Albufera, 21.ix.2003, 1 ♀, det. and leg. Baldock

### ***Cerceris quadricincta* (PANZER 1799)**

SAUNDERS 1904: Common, 1901, at; Palma; Sóller Pass; Lluc; Pollença

Puig de Sant Martí, 23.iv.2006, 1 ♂, leg. D. Gibbs

Felanitx, Mesquida, 19.ix.2008, 4 ♂ ♂, det. and leg. Baldock

Galilea, 22.v.2012, 2 ♂ ♂; Puigpunyent, 1 ♂, all det. and leg Baldock

### ***Cerceris rybyensis* (LINNÉ 1771)**

Cúber 900m, 22.ix.2003, 1 ♀, det. and leg. Baldock

Felanitx, Son Mesquida, 19.ix.2008, 1 ♂, det. and leg. Baldock

### ***Cerceris sabulosa* (PANZER 1799)**

SAUNDERS 1904: (as *C. emarginata* PANZER) males and females common, 1901

ERLANDSSON 1972: Port d'Alcudia, 9.vii.1969, 3 ♂ ♂

Felanitx, Son Mesquida, 19.ix.2008, 1 ♀, det. Jozan, leg. Baldock

S'Albufera, Son Bosc, Muro, 14+21.vi.2011, 2 ♀ ♀, det. Jozan, leg. X. Rotllan

Ca'n Picafort, 1-15.vi.1984, 3 ♂ ♂, det. Baldock, leg. J. Burn

Alcudia, 17.v.2001, 3 ♂ ♂, det. Baldock, leg. J. Burn

### ***Philanthus triangulum* (FABRICIUS 1775)**

SAUNDERS 1904: Common, 26.vi-11.vii.1901, 49 ♂ ♂, 45 ♀ ♀

Common, 2002-12, S'Albufera; Deià; Campos, Salines; PN Cala Mondragó; Capdepera, Cala Mesquida; Andratx; Cala Millor; Ca'n Picafort; Alcudia

## **A p i d a e**

### **C o l l e t i n a e**

#### ***Colletes abeillei* PÉREZ 1903**

West Mediterranean

S'Albufera, 21.ix.2003, 4♂♂, 1♀; Campos, Salines, 24.ix.2003, 4♂♂, 1♀, det. Kuhlmann, leg. Baldock

S'Albufera; Es Comú, 18/20.v.2007, 1♂, 1♀; Son Bosc, 17.v.2007, 1♀, det. Kuhlmann, leg. D. Gibbs

S'Albufera, Son Bosc, 14.v.2008, 3♀♀, leg. M. Jenner; 20.v.2009-24.v.2010, 3♀♀, leg. R. Castro; Ses Punes, 13.v.2008, 1♀; 24.ix.2012, 1♂; Ses Motes, 16.v.2008, 1♂

Capdepera, Cala Mesquida, 12.v.2009; 2.vi.2010, 2♀♀; 23.v.2012, 1♂, 1♀, det. Kuhlmann, leg. R. Castro, Baldock

Port de Pollença, 1.v.2012, 1♀, leg. N. Owens

Esporles, 26.v.2012, 3♂♂, det. and leg. Baldock

Ca'n Picafort, 1-15.vi.1984, 1♂1♀, det. Baldock, leg. J. Burn

Andratx, 4.v.2012, 1♂, det. Baldock, leg. H. Whiteley

#### ***Colletes albomaculatus* (LUCAS 1849)**

West Palaearctic

S'Albufera, Son Bosc, 25.iv.2010, 1♂, det. Kuhlmann, leg. R. Castro

#### ***Colletes brevigena* NOSKIEWICZ 1936**

Northern Mediterranean

MNCN, Madrid: Manacor, May 1890, 1♀, per A. Compte, det. Kuhlmann

#### ***Colletes collaris* DOURS 1872**

Palaearctic

Deià, 20.ix.2003, 1♂; S'Albufera, 21.ix.2003, 2♂♂; Cap de ses Salines, 20.ix.2008, 1♂; all det. Kuhlmann, leg. Baldock

S'Albufera, Sa Roca, 2/4.x.2010, 2♂♂, leg. N.J. Riddiford; Son Bosc, 25.ix.2012, 2♂♂, det. Kuhlmann, leg. N. Owens; Ses Punes, 21.ix.2012, 2♂♂, det. and leg. Baldock

#### ***Colletes dusmeti* NOSKIEWICZ 1936**

Iberia, France, Morocco

Campos, Salines, 24.ix.2003, 1♀, det. Kuhlmann, leg. Baldock

S'Albufera, Es Comú, 24.v.2009, 2♂♂, det. Kuhlmann, leg. D. Gibbs

S'Albufera; Son Bosc, 9.vii.2009, 1♀, leg. R. Castro; Ses Punes, 24.ix.2012, 1♂, leg. Baldock; both det. Kuhlmann

#### ***Colletes succinctus* (LINNAEUS 1758)**

Palaearctic

GARCÍAS 1953: Arta, Sa Torre, 5.x.1930, det. ?Dusmet  
Common in autumn on *Erica* and yellow Asteraceae 2003-2012

***Hylaesus annularis* (KIRBY 1802)**

S'Albufera, Ses Puntes, 13.v.2008, 1 ♀, det. Baldock, leg. M. Jenner

***Hylaesus clypearis* (SCHENCK 1853)**

West-palaearctic

SAUNDERS 1904: Palma, 27.vi.1901, 1 ♂, 1 ♀; Lluc, 1 ♂, 2 ♀ ♀; Pollença, 7/8.vii, 4 ♀ ♀

Deià, 10.ix.2002, 1 ♀, leg. Baldock

S'Albufera, Son Bosc, 2007-2010, 9 ♂ ♂; 23.v.2012, 2 ♀ ♀; Ses Salinetes, 14.v.2008, 2 ♂ ♂, leg. M. Jenner

Felanitx, Son Mesquida, 19.ix.2008, 4 ♂ ♂; Capdepera, Cala Mesquida, 19.v.2009, 2 ♂ ♂; 24.vi./5.vii.2010, 2 ♀ ♀; 24.vi.2009, 1 ♂; 17.vi.2010, 1 ♂, all leg. R. Castro; 23.v.2012, 2 ♂ ♂, 1 ♀, leg. Baldock

Cúber 900m, 22.ix.2003, 1 ♀; 23.v.2012, 1 ♂; 23.ix.2012, 2 ♀ ♀, leg. and det. Baldock

Galilea, 22.v.2012, 1 ♂; Esporles, 25.v.2012, 1 ♂, both leg. Baldock

Port de Pollença, 5.v.2012, 1 ♂, leg. N. Owens

Pollença, 21.ix.2012, 3 ♂ ♂, 1 ♀, det. and leg. Baldock

***Hylaesus cornutus* CURTIS 1831**

West-palaearctic

S'Albufera, Son Bosc, 31.v.2007, 1 ♂, det. D. Gibbs, leg. A. Traveset

***Hylaesus coriaceus* (PÉREZ 1895)**

Mediterranean

GARCÍAS 1953: (as *Prosopis coriacea* P.) Arta, 26.vi.1933, det. ?Dusmet

***Hylaesus dilatatus* (KIRBY 1802) sensu NOTTON & DATHE**

West-palaearctic

SAUNDERS 1904: (as *Prosopis masoni*) Frequent, 1901 (around Palma, Sóller Pass, Lluc, Pollença)

S'Albufera, Son Bosc, 25.iv.2010, 1 ♀, leg. R. Castro

***Hylaesus euryscapus* FORSTER 1871**

West-palaearctic

S'Albufera, Son Bosc, 22.ix.2003, 2 ♀ ♀, det. Ortiz-Sanchez, leg. Baldock; 17.v.2007, 2 ♂ ♂; 22.v.2009, 2 ♂ ♂

Campos, Salines, 24.ix.2003, 2 ♀ ♀, det. Ortiz-Sanchez, leg. Baldock

Felanitx, Son Mesquida, 19.ix.2008, 2 ♂ ♂, det. Ortiz-Sanchez, leg. Baldock

Port de Pollença, 5.v.2012, 1 ♂, 1 ♀, det. Baldock, leg. N. Owens

***Hylaeus greddleri* FORSTER 1871**

West-palaeartic

Cúber, 22.ix.2003, 1 ♀, det. Ortiz-Sanchez, leg. Baldock

Puig Major, Escorca, 2.viii.2010, 1 ♂, leg. C. Tur

S'Albufera, Sa Roca, 22.x.2011, 1 ♀, leg. N. Owens

***Hylaeus imparilis* FORSTER 1871**

West-palaeartic

SAUNDERS 1904: Lluc to Pollença, 6.vii.1901, 1 ♂; near Pollença, 7.vii.1901, 4 ♂ ♂

S'Albufera, Son Bosc, 17.v.2007, 1 ♀, det. and leg. D. Gibbs

Puig de Sant Marti, 19.v.2007, 1 ♀, det. and leg. D. Gibbs

***Hylaeus pictipes* NYLANDER 1852**

West-palaeartic

SAUNDERS 1904: Palma, Castell de Bellver, 26.vi.1901, 1 ♀; Porto Pi, 12.vii.1901, 1 ♂

Sóller Pass, 30.vi.1901, 1 ♀

S'Albufera, Sa Roca, 18.iv.2011, 1 ♀, leg. N. Owens

***Hylaeus pictus* (SMITH 1853)**

Southern west-palaeartic

SAUNDERS 1904: Around Sóller, 30.vi-5.vii.1901, 2 ♂ ♂, 2 ♀ ♀; S'Albufereta, 9.vii, 1 ♂

Son Baulo, 1-7.vi.1984, 1 ♀, leg. J. Burn

Alcudia, 17.v.2001, 1 ♀, leg. J. Burn

S'Albufera; Sa Roca, 17.v.2007, 18.v.2009, 3 ♂ ♂, 1 ♀; Es Colombars, 22.v.2007, 1 ♀; Sa Siurana,

28.iv.2011, 1 ♀; Son Bosc, 23.v.2012, 2 ♀ ♀ on *Potentilla reptans*; Ses Puntes, 13.v.2008,

1 ♀; Ses Motes, 16.v.2008, 3 ♀ ♀; Es Cibollar, 15.v.2008, 1 ♂, 1 ♀

Camidor, Senyals, 22.iv.2011, 1 ♂, 1 ♀

***Hylaeus punctatus* (BRULLE 1832)**

West-palaeartic

S'Albufera, Son Bosc, 17.v.2007, 1 ♂, det. Dathe, leg. D. Gibbs

Son Mesquida, Felanitx, 19.ix.2008, 1 ♂, det. Dathe, leg. Baldock

Puigpunyent, 22.v.2012, 1 ♂, leg. and det. Baldock

Alcudia, Mal Pas, 20-25.vi.2011, 2 ♂ ♂, 2 ♀ ♀, leg. G. Reder

***Hylaeus signatus* (PANZER 1798)**

West-palaeartic

S'Albufera, Son Bosc; 17.v.2007, 5 ♂ ♂, leg. D. Gibbs; 24.v.2009, 1 ♂, leg. R. Castro

Paguera, Andratx, 4.v.2012, 1 ♂, det. Baldock, leg. H. Whiteley

***Hylaeus sulphuripes* (GRIBODO 1894)**

Iberia, France, North Africa

Son Mesquida, Felanitx, 19.ix.2008, 1 ♂, det. Dathe, leg. Baldock

***Hylaeus taeniolatus* FORSTER 1871**

Southern west –palaeartic

DATHE 1980: (as *H. diplonymus*) Mallorca  
S'Albufera, Ses Punes, 17.v.2007, 1 ♂, leg. D. Gibbs  
Capdepera, Cala Mesquida, 1 ♀, leg. R. Castro

***Hylaeus trinotatus* (PÉREZ 1895)**

Mediterranean

S'Albufera, 21.ix.2003, 1 ♀, det. Dathe, leg. Baldock  
S'Albufera; Son Bosc, 2006-12, 9 ♂ ♂, 5 ♀ ♀, det. Dathe; 25.ix.2012, 1 ♀, det and leg. Baldock; Ses  
Motes, 16.v.2008, 1 ♂, 1 ♀; Es Cibollar, 15.v.2008, 2 ♂ ♂, 1 ♀; Ses Salinetes, 14.v.2008, 1 ♂,  
all det. Baldock, leg. M. Jenner

***Hylaeus variegatus* (FABRICIUS 1798)**

West-palaeartic

SAUNDERS 1904: Around Palma, 26.vi-11.vii.1901, 7 ♂ ♂, 15 ♀ ♀; Pollença, 6.vii, 1 ♀  
Ca'n Picafort, 1-15.vi.1984, 1 ♀, det. Baldock, leg. J. Burn  
S'Albufera, Son Bosc, 21.vi.2007-30.vi.2011, 5 ♀ ♀, all on *Daucus carota*  
Andratx, 4.v.2012, 1 ♂, det. Baldock, leg. H. Whiteley

**A n d r e n i n a e**

***Andrena agilissima* (SCOPOLI 1770)**

Europe

Ca'n Picafort, 11-15.vi.1984, 1 ♀, det. Baldock, leg. J. Burn  
S'Albufera; Son Bosc, 21.iv.2006, 1 ♂, det. Westrich, leg. D. Gibbs; 23.iv.2009, 1 ♀; 24.v.2010,  
1 ♀; Ses Punes, 20.iv.2011, 1 ♂; Sa Roca, 12.v.2008, 2 ♂ ♂, 1 ♀, 22.iv.2011, 1 ♀;  
26.iv.2012, 1 ♀; Ses Motes, 16.v.2008, 1 ♂, 2 ♀ ♀; Es Cibolar, 15.v.2008, 1 ♀  
Serra de Tramuntana, Puig de Sant Martí, 23.iv.2006, 1 ♂; Puig Major, Escorca, 11.v.10, 1 ♂;  
Puigpunyent, 22.v.2012, 2 ♀ ♀; Galilea, 22.v.2012, 1 ♀, both det. and leg. Baldock  
Andratx, 4.v.2012, 1 ♀, det. Baldock, leg. H. Whiteley

***Andrena angustior impressa* WARNCKE 1967**

WARNCKE 1976, Eos 50: 205: Col de Soller  
Puig Major, Escorca 25.v.2011, 1 ♀, det. Scheuchl, leg. X. Rotllan  
Tramuntana, Galilea, 22.v.2012, 1 ♂, 5 ♀ ♀, det. Scheuchl, leg. Baldock

***Andrena bicolor* FABRICIUS 1775**

West-palaeartic

SAUNDERS 1901: (as *A. gwynana*) Miramar, 27.iii.1900, 1 ♀

***Andrena bicolorata* (ROSSI 1790)**

Mediterranean



SCHMIEDEKNECHT 1882-1884, *Apid.europ.* (as *A. lichtensteini* n.sp.): Balearen  
WARNCKE 1976, *Eos* **50**: 193.): Balearen  
GUSENLEITNER & SCHWARZ 2002, *Entomofauna*, Suppl. **12**: 982 [map]

***Andrena binominata* SMITH 1853**

Spain, Balearics, Sicily, Algeria, Tunisia  
WARNCKE 1976: Palma; San Rapinya

***Andrena cinerea* BRULLÉ 1832**

Mediterranean  
PAULUS & SALKOWSKI 2007, *Ber.Arbkr.Heim.Orch.* **24** (2): 22: Mallorca

***Andrena curtula* PÉREZ 1903**

Iberia, Switzerland  
GUSENLEITNER & SCHWARZ 2002, *Entomofauna*, Suppl. **12**: 1180 [map]

***Andrena discors* ERICHSON 1840**

Spain, North Africa. First record for Balearic Islands  
S'Albufera, Sa Roca, 22.iv.2011, 1 ♀, det. Scheuchl, leg. N. Owens

***Andrena dorsata* (KIRBY 1802)**

GUSENLEITNER & SCHWARZ 2002, *Entomofauna*, Suppl. **12**: 1024 [map]—probably *A. propinqua*!  
(Scheuchl, pers. comm.)

***Andrena fabrella* PÉREZ 1903**

West Mediterranean  
WARNCKE 1976: Mallorca  
Cala Mesquida, 16.iv.2010, 1 ♂, det. Scheuchl, leg. R. Castro  
Tramuntana, Puig Major, Escorca, common in May 2010 and 2011, 11 ♀ ♀, det. Scheuchl, leg. C.  
Tur; Binifaldo, 4.v.2011, 3 ♀ ♀, det. Baldock, leg. N.J. Riddiford; Esporles, 21.v.2012, 1 ♂,  
det. Scheuchl, leg. Baldock  
S'Albufera; Son Sera, 2008, 2 ♀ ♀, det. Baldock, leg. B. Padron; Son Bosc, 26.v.2010, 1 ♀, det.  
Scheuchl, leg. R. Castro; Sa Roca, 28.iv.2011, 1 ♂, det. Baldock, leg. N. Owens; April  
2012, 3 ♀ ♀

***Andrena ferrugineicrus* DOURS 1872**

West Mediterranean  
ERLANDSSON 1979: Palma, 30.iii.1959, 5 ♀ ♀, leg. O. Lundblat

***Andrena flavipes* PANZER 1799**

West-palaeartic

SAUNDERS 1901: 2 ♂♂, 6 ♀♀, 1900; Palma, Castell de Bellver, 25 and 30.iii; Pollença, 2.iv.  
SAUNDERS 1904: (as *A. fulvicrus*) around Palma and above Sóller Pass, a few in 1901  
S'Albufera, Son Bosc, 6.vi.2007, 2.vi.2009, 1 ♀, det. Scheuchl, leg. R. Castro; 4.vi.2010, 3 ♀♀; Sa  
Roca, 4.iv.2012, 1 ♂; Ses Puntetes, 24.iii.2012, 1 ♂  
Capdepera, Cala Mesquida, 21.iv. + 3.vi.2010, 2 ♀♀, det. Baldock, leg. R. Castro  
Serra de Tramuntana, Esporles, Galilea, Puigpunyent, all May 2012, common

***Andrena impunctata* PÉREZ 1895**

Southern West-Palaeartic

WARNCKE 1976, Eos **50**: 157: Majorca

***Andrena leucolippa* PÉREZ 1895**

Iberia, France, Sicily

SAUNDERS 1904: (as *A. boyerella*) Above Sóller Pass, 3.vii.1901, 1 ♀, leg. W. Holland;  
Sóller to Lluc, 5.vii.1901, 2 ♀♀, leg. W. Holland

***Andrena leucophaea* LEPELETIER 1841**

Spain, Sicily, Algeria

WARNCKE 1967, Eos 43: 211: Majorca.

***Andrena minutula* (KIRBY 1802)**

West Palaeartic

S'Albufera, Sa Roca, 12.v.2008, 3 ♀♀, det. Baldock, leg. M. Jenner; Ses Puntetes, 13.v.2008, 1 ♀,  
leg. M. Jenner; 24.iii.2012, 3 ♀♀, det. Baldock, leg. N.J. Riddiford

***Andrena minutuloides* PERKINS 1914**

West Palaeartic

Esporles, 26.v.2012, 1 ♀, det. and leg. Baldock

***Andrena morio* BRULLE 1832**

West-palaeartic

SAUNDERS 1901: Palma, Castell de Bellver, 30.iii.1900, 4 ♀♀; Inca, 1 ♂, 1 ♀  
SAUNDERS 1904: Around Palma, 26-28.vi.1901, 1 ♂; Sóller Pass, 1.vii.1901, 1 ♂, 2 ♀♀  
GARCÍAS 1953: Arta, vi.1933, leg. Dusmet  
S'Albufera, Son Bosc, Muro, 18.vi.2009, 1 ♀, det. Scheuchl, leg. R. Castro; 14.vi.2011, 1 ♂, det.  
Baldock, leg. X. Rotllan

***Andrena mucida* KRIECHBAUMER 1873**

Mainly Mediterranean

S'Albufera, iv.2007, 1 ♀, det. Jozan, leg. B. Padrón; Es Rotlos, 8.vi.2005, 1 ♀  
S'Albufera, Son Bosc Muro; 5.iv.2009, 1 ♀, det. Scheuchl, leg. R. Castro; 30.vi.2011, 1 ♀, leg. C.  
Vignol  
S'Albufera, Sa Roca; 4.iv.2012, 1 ♀, leg. S. Ramos; 6.iv.2012, 3 ♂♂, leg. T. Tomas

***Andrena nigroaenea* (KIRBY 1802)**

West-palaeartic

S'Albufera, Son Bosc, 31.v.2007, 1 ♀, leg. A.Traveset, det. D. Gibbs; Sa Roca, 14.v.2008, 1 ♀, det. Baldock, leg. M. Jenner  
Puigpunyent, 22.v.2012, 1 ♀, det. and leg. Baldock  
Esporles, 25.v.2012, 1 ♂, 1 ♀, det. and leg. Baldock  
Cala Mesquida, 11.vi.2010, 1 ♀, leg. R.Castro; 9.v.2011, 1 ♀, det. Baldock, leg. C.Tur  
Puig Major, Escorca, 6.v.2011, 1 ♂, det. Baldock, leg. C.Tur  
Tramuntana, Binifaldo, 4.v.2011, 1 ♀, det. Scheuchl, leg. N.J. Riddiford

***Andrena nigroolivacea* DOURS 1873**

Mediterranean

SAUNDERS 1901: Miramar. 27.iii.1900, 8 ♂ ♂; Pollença, 3.iv.1900, 1 ♀  
Sa Siurana, 30.iii.2008, 1 ♀, det. Jozan, leg. B. Padrón  
S'Albufera, Ses Punes, 19.iv.2011, 1 ♀, det. Scheuchl, leg. N. Owens,  
S'Albufera, Es Comú, 7.iv.2012, 1 ♂ 2 ♀ ♀, leg. T. Thomas  
Port de Pollença, 1.v.2012, 1 ♀, leg. N. Owens  
Serra de Tramuntana; Binifaldo, 5.iv.2011, 1 ♀, det. Scheuchl, leg N.J. Riddiford; Puigpunyent,  
22.v.2012, 1 ♂, det. Scheuchl, leg. Baldock; Esporles, 25.v.2012, 4 ♀ ♀; Cúber 900m,  
25.v.2012, 1 ♀; all leg. Baldock

***Andrena nitidula* PÉREZ 1903**

Iberia, France

WARNCKE 1976: Mallorca

***Andrena ovatula* (KIRBY 1802)**

West Palaeartic

SAUNDERS 1904: (as *Andrena albofasciata* THOMSON) common 1901, around Palma; Sóller; Lluc; Pollença  
ERLANDSSON 1979: Port d'Alcudia, 15-23.vii.1957, 1 ♂, 9 ♀ ♀  
S'Albufera, Son Bosc, common, 2007-10, 15 ♀ ♀

***Andrena poupillieri incana* WARNCKE 1975**

Mallorcan endemic subspecies

S'Albufera, Son Bosc, 17.v.2007, 2 ♂ ♂, leg. D. Gibbs; Son Bosc, Muro, 4-8.iv.2009, 3 ♂ ♂, 2 ♀ ♀;  
4.vi.2009, 1 ♀, leg. R. Castro; 7.vi.2011, 1 ♀, leg. X.Rotllan; 23.v.2012, 1 ♀, leg. Baldock;  
all det. Scheuchl  
S'Albufera, Sa Roca, 20.iv.2011, 1 ♂, det. Scheuchl, leg. N. Owens  
Andratx, Paguera, 4.vi.2012, 1 ♀, det. Baldock, leg. H. Whiteley  
Tramuntana; Cúber 900m, 25.v.2012, 1 ♀; Galilea, 22.v.2012, 1 ♀, both det.Scheuchl, leg. Baldock

***Andrena sardoa* LEPELETIER 1841**

West Mediterranean

ERLANDSSON 1979: Calamajor, 7.vii.1970, 2♂♂, 6♀♀  
Puig Major, Cúber 900m, 24.iv.2006, 3♂♂, 2♀♀, det. Westrich, leg. D. Gibbs; 25.v.2012, 3♀♀  
on *Asphodelus aestivus*, det. and leg. Baldock

***Andrena trimmerana* (KIRBY 1802)**

West Palaearctic

SAUNDERS 1901: Miramar, 27.iii.1900. 1♀  
Tramuntana, Galilea, 22.v.2012, 1♂, det. and leg. Baldock

***Andrena verticalis* PÉREZ 1895**

West Mediterranean

ERLANDSSON 1979: Magaluf, 16.iv.1974, 3♀♀  
S'Albufera; Sa Roca, 12.v.2008, 2♀♀, det. Baldock, leg. M. Jenner; Son Bosc, Muro, 23.iv.2009,  
2♀♀; 7.v-4.vi.2010, 4♀♀; all det. Scheuchl, leg. R. Castro,  
Port de Pollença, 29.iv.2012, 5♀♀, det. Baldock, leg. N. Owens  
Puig Major, Escorca, 22.v +14.vi.2011, 2♀♀, det. Baldock, leg. C. Tur  
Esporles, 25.v.2012, 1♀, det. and leg. Baldock

***Andrena wilkella* (KIRBY 1802)**

WARNCKE 1976, Eos 50: 184: Mallorca

**H a l i c t i n a e**

***Dufourea balearica* nov.sp.**

Only known from Cala Mesquida, Mallorca

Cala Mesquida dunes, Capdepera, 15.v.2009 2♀♀; 19.v.2010, 5♂♂, 1♀; 23.v.2012, 3♂♂, 3♀♀, all  
det. Ebmer, leg. R. Castro

***Dufourea similis* FRIESE 1898**

Previously known in Europe only from Formentera, Balearics; it occurs in North Africa

Capdepera, Cala Mesquida dunes, 19.v.2009, 1♂, det. Ebmer, leg. D. Gibbs

***Pseudapis bispinosa* (BRULLE 1832)**

West Palaearctic

SAUNDERS 1904: Palma, Castell de Bellver, 26.vi.1901, 1♂, 1♀; 11.vii.1901, 1♀; nr Palma,  
28.vi.1901, 1♂; Lluc-Pollença, 6.vii.1901, 1♂; Porto Pi, 27.vi.1901, 1♂  
Campos, Salines, 24.ix.2003, 1♀, det. Ortiz-Sánchez, leg. Baldock  
Capdepera, Cala Mesquida, 17.vi.2009, 1♀, det. Baldock, leg. R. Castro

***Pseudapis diversipes* (LATREILLE 1806)**

Southern Palaearctic

GARCÍAS 1953: Arta, 26.vi.1933, 1♂, det. ?Dusmet

***Ceylalictus variegatus* (OLIVIER 1789)**

Old World

SAUNDERS 1904: Palma near Porto Pi, 10.vii.1901, 2♀ ♀; 12.vii.1901, 6♀ ♀  
Campos, Salines, 10.ix.2002 and 24.ix.2003, 3♂ ♂, 2♀ ♀, all det. and leg. Baldock; S'Albufera,  
Son Bosc, 21.ix.2003 and 17.v.2007, 3♀ ♀; P.N. Cala Mondragó, 19.ix.2008, 3♂ ♂, 3♀ ♀,  
all det. and leg. Baldock; Capdepera, Cala Mesquida, 19.v.2009, 2♀ ♀  
Alcudia, Mal Pas, 18-25.vi.2010, 2♂ ♂, 1♀ ♀, leg. G. Reder

***Nomioides minutissimus* (ROSSI 1790)**

Old World

SAUNDERS 1904: (as *Nomioides pulchellus* Schk.) Palma, near Porto Pi, 27.vi.1901, 6♂ ♂; 10-  
12.vii.1901, 18♂ ♂, 8♀ ♀; Castell de Bellver, 11.vii.1901, 10♂ ♂, 1♀ ♀  
S'Albufera, Son Bosc, 1.vii.2009, 1♂ ♂, leg. R. Castro, det. D. Gibbs  
Alcudia, Mal Pas, 18-25.vi.2010, 1♀ ♀, leg. G. Reder

***Halictus fulvipes* (KLUG 1817)**

West Mediterranean

Common everywhere, 2003-2012. S'Albufera at Sa Roca, Son Bosc, Ses Puntes, Es Rotlos; Cap de  
Ses Salines; Puig Major, Escorca; Capdepera, Cala Mesquida; Serra de Tramuntana,  
Binifaldó; Port de Pollença; Formentor

***Halictus gemmeus* DOURS 1872**

West Mediterranean

SAUNDERS 1904: Fairly common everywhere  
2003-2012. Fairly common. S'Albufera (Son Bosc, Sa Roca); Felanitx, Son Mesquida; Puig Major,  
Escorca; Capdepera, Cala Mesquida; Port de Pollença; Andratx

***Halictus scabiosae* (ROSSI 1790)**

Atlanto-Mediterranean

SAUNDERS 1901: Palma, Castell de Bellver, 25+30.iii.1900, 6♀ ♀; Miramar; Inca  
SAUNDERS 1904: Abundant everywhere, 1901  
Frequent, 2002-2012 at S'Albufera (Son Bosc, Ses Puntes, Ses Motes, Es Colombars); Cúber;  
Deià; Cala Ratjada; Campos; Puig Major at Escorca; Port de Pollença; Andratx

***Halictus subauratus* (ROSSI 1792)**

West Palearctic

ERLANDSSON 1979: Port d'Alcudia, 23.vii.1969, 1♀ ♀  
Puig Major, Escorca, 28.vii.2009, 1♂ ♂; 28.vii-2.viii.2010, 1♂ ♂, 1♀ ♀; 16.vii.2011, 1♀ ♀, all det. Ebmer,  
leg. C. Tur

***Halictus (Vestitohalictus) microcardia* (PÉREZ 1895)**

Balearic endemic. Very rare

Cala Ratjada, 1975, 1 ♂, det. Ebmer

Capdepera, Cala Mesquida; 19.vi.2008, 1 ♀, leg. A. Traveset; 7 and 17.vi. and 2.vii.2009, 2 ♂ ♂, 2 ♀ ♀, leg. R. Castro; 17.vi.2010, 1 ♀, leg. R. Castro; all det. Ebmer

### ***Halictus (Vestitohalictus) balearicus (PÉREZ 1903)***

Balearic endemic species

Museum Paris, 1 ♂ 1 ♀; Museum für Naturkunde, Berlin, 1 ♂ 1 ♀ (A.W. Ebmer, pers. comm.)

Senckenbergmuseum Frankfurt am Main: Mallorca, 30.iv.1883, 1 ♀; 1896, 1 ♂; Mallorca, Son Servera, 14.v.1960, 1 ♀, leg. Rebmann (all A.W.Ebmer, pers. comm.)

ERLANDSSON 1979: (as *H. (Vestitohalictus) pollinosus* SICHEL 1860) Port d'Alcudia, 18.vii.1967, 1 ♀

Coll. A.W.Ebmer; Mallorca, Magaluf, 25.iii.1977, 1 ♀, gift from Bohart

S'Albufera, Sa Roca; 16.v.2007, 1 ♀, leg. D. Gibbs; 31.v.2008, 1 ♀, det. Ebmer, leg. N.J.

Riddiford; 28.ix.2012, 1 ♀, det. Baldock, leg. N. Owens, pan trap

S'Albufera, Sa Siurana, 27.iv. 2008, 1 ♀, det. Ebmer, leg. B. Padrón

### ***Halictus (Vestitohalictus) vestitus (LEPELETIER 1841)***

West Mediterranean

Puig Major, Escorca, 29.v.2009, 1 ♀; 12.vii-11.viii.2010, 7 ♀ ♀, all det. Ebmer, leg. C. Tur

### ***Lasioglossum albocinctum (LUCAS 1849)***

South-west Palaearctic

SAUNDERS 1904: (as *Halictus separandus* SCHM.) fairly common near Palma, 1901; Lluc, 6.vii.1901, 1 ♂

2008-2011, fairly common. S'Albufera (Es Comú, Son Bosc); Puig Major, Escorca;

### ***Lasioglossum angusticeps (PERKINS R.C.L. 1895)***

Atlanto-Mediterranean

ERLANDSSON 1979: Port d'Alcudia, 18.vii.1969, 1 ♂

S'Albufera, Son Bosc, Muro, 15.iv.2011, 1 ♀, det. Ebmer, leg. A. Traveset

### ***Lasioglossum brevicorne (SCHENCK 1870)***

West Palaearctic

SAUNDERS 1904: Around Sóller, 1-5.vii.1901, 5 ♀ ♀; Pollença, 6-7.vii.1901, 3 ♀ ♀

### ***Lasioglossum buccale (PANZER 1903)***

Southern West-palaearctic

GARCÍAS 1953: Arta, vii.1927, det. ?Dusmet

### ***Lasioglossum griseolum (MORAWITZ 1872)***

South-west Palaearctic

Felanitx, Son Mesquida, 19.ix.2008, 1 ♀, det. Ebmer, leg. Baldock

Capdepera, Cala Mesquida, 17.vi.2010, 1 ♀, leg. R. Castro  
Puig Major, Escorca, 21.vi.2011, 1 ♀, leg. C. Tur  
Common at S'Albufera (Son Bosc, Sa Roca, Es Comú, Es Colombars), 2005-2012, det. Ebmer

### ***Lasioglossum littorale occitanicum* EBMER 1976**

West Mediterranean subspecies

Campos, Salines, 24 and 28.ix.2003, 2 ♀ ♀, det. Ebmer, leg. Baldock  
S'Albufera, Es Comú, 18.v.2007, 1 ♂, 3 ♀ ♀, det. Ebmer, leg. D. Gibbs  
S'Albufera, Son Bosc, 19.iv.2007, 1 ♀, leg. A. Traveset; 7.v.2010, 1 ♀, leg. R. Castro, both det. Ebmer  
Puig Major, Escorca, 15.vii.2009-11.viii.2010, 1 ♂, 2 ♀ ♀, all det. Ebmer, leg. C.Tur  
Cala Mesquida, 19.vi.2008. 1 ♀, leg. A. Traveset, det. Ebmer

### ***Lasioglossum malachurum* (KIRBY 1802)**

West Palaearctic

SAUNDERS 1901: Pollença, 2.iv.1900, 1 ♀  
SAUNDERS 1904: Abundant, 1901  
2003-2012. Very common, (S'Albufera, Son Bosc, Ses Motes, Es Cibollar; Campos, Salines; Capdepera, Cala Mesquida; Serra de Tramuntana, Esporles; Gorg Blau; Puig Major, Escorca)

### ***Lasioglossum minutissimum* (KIRBY 1802)**

West Palaearctic

SAUNDERS 1904: (as *Halictus hollandi* sp. nov.) Pollença to Port, 8.vii.1901, 2 ♂ ♂, leg. E. Poulton;  
S'Albufereta, 9.vii.1901, 4 ♀ ♀, leg. E. Poulton, 2 ♂ ♂, leg. W. Holland  
S'Albufera, Son Bosc, 7.vi.2006-1.vii.2009, 1 ♂, 4 ♀ ♀, det. Ebmer and Jozan, leg. A. Traveset, R. Castro  
S'Albufera, Es Senyals, 30.iv.2012, 1 ♀, det. Baldock, leg. N. Owens  
Cabrera PN, 19-23.iv.2012, 1 ♀, det. Baldock, leg. N.J. Riddiford

### ***Lasioglossum nitidulum hammi* (SAUNDERS 1904)**

Balearic endemic subspecies

SAUNDERS 1904: (as *Halictus hammi*, sp. nov.) Sóller Pass, 4.vii.1901, 1 ♂, 1 ♀, leg. A. Hamm;  
Sóller to Port, 4.vii.1901, 1 ♀, leg. A. Hamm; Sóller to Lluc, 5.vii.1901, 1 ♀, leg. W. Holland; Pollença, 7.vii.1901, 1 ♀, leg. E. Poulton  
Puig Major, Escorca, 24.vii.2008, 1 ♂, det. Ebmer, leg. R. Gutierrez  
Puig Major, Escorca, 17.vi-28.vii.2009, 4 ♂ ♂, 4 ♀ ♀; 20-22.vii.2010, 2 ♂ ♂, 3 ♀ ♀; 16.viii.2011, 1 ♀ det. Ebmer, leg. C. Tur; 21.ix.2012, 1 ♀, det/leg. Baldock  
Capdepera, Cala Mesquida; 29.v.2009, 1 ♂; 24.vi, 5 and 12.vii.2010, 2 ♂ ♂, 2 ♀ ♀; all det. Ebmer, leg. R. Castro  
Massanella, 4.v.2012, 2 ♀ ♀, det. Baldock, leg. N. Owens  
S'Albufera, Es Comú, 30.iv.2012, 1 ♀, det. Baldock, leg. N. Owens

***Lasioglossum paucillum* (SCHENCK 1853)**

West Palearctic

Esporles, 25.v.2012, 1 ♀, det. and leg. Baldock

***Lasioglossum prasinum* (SMITH 1848)**

West Palearctic-atlantic

S'Albufera; Es Comú, 18.v.2007+14.v.2008+21.iv.2009+21.x.2011, 4 ♀ ♀; 30.iv.2012, 3 ♀ ♀; Son Bosc, 29.iv and 7.v.2010, 2 ♀ ♀; Sa Roca, 8.iv.2012, 1 ♀; all det. Baldock  
Capdepera, Cala Mesquida, 19.v.2009+9.iv.2010, 2 ♀ ♀, det. Baldock, leg. R. Castro

***Lasioglossum punctatissimum* (SCHENCK 1853)**

West Palearctic

SAUNDERS 1904: near Palma, 27-28.vi.1901, 2 ♂ ♂; Sóller, 1-5.vii.1901, 2 ♂ ♂  
ERLANDSSON 1979: Port d'Alcudia, 18.vii.1969, 1 ♀  
Puig de Sant Martí, 23.iv.2006, 1 ♀, det. and leg. D. Gibbs  
S'Albufera; Son Bosc, 15.v.2006, 1 ♀, det. Jozan, leg. A. Traveset; Es Sanyals, 21.ix.2012, 1 ♀,  
det. Baldock leg. N. Owens  
Esporles, 25.v.2012, 1 ♀, det. and leg. Baldock

***Lasioglossum smeathmanellum* (KIRBY 1802)**

West Europe, atlanto-mediterranean

Deià, 10.ix.2002, 5 ♀ ♀, det. Jozan, leg. Baldock

***Lasioglossum soror* SAUNDERS 1902**

Mediterranean

SAUNDERS 1901: Palma, Castell de Bellver, 26+30.iii.1900, 2 ♀ ♀  
Puig Major, Escorca, 24.vii.2008, 22+29.vii.2010, 3 ♀ ♀; 22.vi.2011, 1 ♀, det. Ebmer, leg. C. Tur;  
28.vi.2011, 1 ♀, det. Ebmer, leg. X. Rotllan

***Lasioglossum sphecodimorphum* (VACHAL 1892)**

West Mediterranean. Very rare

SAUNDERS 1904: Sóller Pass, 30.vi.1901, 1 ♀, leg. W. Holland  
S'Albufera, Son Bosc, 20.v.2008, 1 ♀, det. Ebmer, leg. A. Traveset  
S'Albufera, Sa Roca, 18 and 20.iv.2011, 2 ♀ ♀; 2.v.2012, 1 ♀, all det. Baldock, leg. N. Owens  
S'Albufera, Can Blau, 5.v.2012, 1 ♀, det. Baldock, leg. N. Owens  
Massanella 700m, 4.v.2012, 2 ♀ ♀, leg. det. Baldock, N. Owens

***Lasioglossum transitorium planulum* (PÉREZ 1903)**

West Mediterranean subspecies

Serra de Tramuntana: Deià, 10.ix.2002, 1 ♀, det. Ebmer, leg. Baldock; Galilea, 22.v.2012, 1 ♀;  
Esporles, 25.v.2012, 1 ♀, all leg. Baldock  
Puig de Sant Martí, 19.v.2007, 1 ♀, det. and leg. D. Gibbs



S'Albufera, Son Bosc, 20.v.2007, 1 ♀; 7.vi.2006, 1 ♀, det. Ebmer, leg. A. Traveset  
Capdepera, Cala Mesquida, 21.v.2008, 1 ♀, det. Ebmer, leg. A. Traveset  
Puig Major, Escorca, 23.vi-28.vii.2010, 2 ♂ ♂, 6 ♀ ♀, det. Ebmer; 2011, females common, all leg.  
C. Tur  
Cala San Vicente, 23.ix.2012, 3 ♀ ♀, det. and leg. Baldock

### ***Lasioglossum villosulum* (KIRBY 1802)**

Palaeartic

SAUNDERS 1901: Palma, Castell de Bellver, 30.iii.1900, 3 ♀ ♀, Pollença, 2.iv.1900  
SAUNDERS 1904: Pollença, 7.vii.1901, 3 ♂ ♂; Palma, 12.vii.1901, 1 ♂  
Felanitx, Son Mesquida, 19.ix.2008, 1 ♀, leg. Baldock  
S'Albufera, Son Bosc, 17.vii.2009, 23.vi and 21.vii.2010, 3 ♂ ♂, det. Ebmer, leg. R. Castro  
S'Albufera, Sa Roca, 22.x.2011, 1 ♂.1 ♀, leg. N. Owens  
Serra de Tramuntana, Gorg Blau, 23.x.2011, 1 ♀, leg. N. Owens  
Puig Major, Escorca, 4.viii.2011, 1 ♂, leg. C. Tur

### ***Lasioglossum virens* (ERICHSON 1835)**

West Mediterranean (Iberia, France, Morocco). Very rare

S'Albufera, Son Bosc, 15.v.2007, 1 ♀, det. Ebmer, leg. A. Traveset

### ***Sphecodes albilabris rubripes* (SPINOLA 1838) possibly= *S. africanus* LEPELETIER 1841**

Iberia, North Africa

SAUNDERS 1901: (as *S. fuscipennis* GERMAR, var. with red legs) Pollença, 2.iv.1900, 3 ♂ ♂, 3 ♀ ♀;  
Palma, Castell de Bellver, 25 and 30.iv.1900, 1 ♂, 2 ♀ ♀  
GARCIAS 1953: (as *S. fuscipennis* GERM., var. *africanus* LEP.) Arta, iii.1933, 1 ♂, 1 ♀, det.  
?Dusmet  
Puigpunyent, Galilea, 22.v.2012, 2 ♀ ♀, det. Schwarz, leg. Baldock

### ***Sphecodes alternatus* SMITH 1853**

South Europe, North Africa

S'Albufera, Ses Motes, 16.v.2008, 1 ♀, det. Baldock, leg. M. Jenner

### ***Sphecodes gibbus* (LINNAEUS 1758)**

Palaeartic

Ca'n Picafort, 1-15.vi.1984, 1 ♀, det. Schwarz, leg. J. Burn  
S'Albufera, Son Bosc, Muro, 1.vi.2011, 1 ♂, det. Schwarz, leg. X. Rotllan  
S'Albufera, Sa Roca, 4.iv.2012, 1 ♀, det. Schwarz, leg. T. Tomas

### ***Sphecodes longuloides* BLÜTHGEN 1923**

Portugal, Morocco, Tunisia, Cyprus

S'Albufera, Sa Roca, 2.v.2012, 1 ♀, det. Schwarz, leg. N. Owens

***Sphecodes longulus* Hagens 1882**

West Palaearctic

Alcudia, 18.v.2001, 1 ♀, det. Schwarz, leg. J. Burn  
Campos, Salines, 10.ix.2002, 1 ♂, 1 ♀, det. Schwarz, leg. Baldock

***Sphecodes monilicornis* (Kirby 1802)**

West Palaearctic

SAUNDERS 1904: Common

GARCÍAS 1953: (as *S. subquadratus* SM.) Arta, vi.1927, det. ?Dusmet  
ERLANDSSON 1979: Port d'Alcudia, 19.vii.1969, 1 ♂  
Cúber reservoir, 22.ix.2003, 1 ♀, det. Schwarz, leg. Baldock  
S'Albufera, Ses Puntetes, 21.iv.2006, 1 ♀, det. Westrich, leg. D. Gibbs  
Puig Major, Escorca, 21.vii+4.viii.2011, 2 ♀ ♀, det. Schwarz, leg. C. Tur  
Formentor Bay, 2.v.2012, 1 ♂, det. Schwarz, leg. N. Owens

***Sphecodes puncticeps* Thompson 1870**

West Palaearctic

SAUNDERS 1904: Palma, Porto Pi, 27.vi.1901, 1 ♂; 12.vii.1901, 1 ♂; Sóller Pass, 1.vii.1901, 1 ♀;  
around Pollença, 7-9.vii.1901, 2 ♂ ♂  
S'Albufera, Son Bosc, 17.v.2007, 1 ♀, det. Schwarz, leg. D. Gibbs  
S'Albufera, Es Comu, 14.v.2008, det. Baldock, leg. M. Jenner

***Sphecodes ruficrus* (Erichson 1835)**

West Palaearctic

Puig Sant Martí, 23.iv.2006, 2 ♀ ♀, det. Westrich, leg. D. Gibbs  
S'Albufera, Son Bosc, 17.v.2007, 1 ♀, leg. D. Gibbs; Son Bosc, Muro, 15.iv.2011, 1 ♀, leg. A.  
Traveset  
S'Albufera, Es Comú, 18-20.v.2007, 2 ♀ ♀, leg. D. Gibbs; 14.v.2008, 4 ♀ ♀, leg. M. Jenner;  
1.v.2012, 2 ♀ ♀, leg. N. Owens, all det. Schwarz  
S'Albufera, 19-25.iv.2008, 1 ♂. 1 ♀, det. Schwarz, leg. B. Padrón  
S'Albufereta, 23.iv.2001, 1 ♀, det. Schwarz, leg. N.J. Riddiford  
Puigpuynt, 22.v.2012, 1 ♀, det./leg. Baldock

**M e g a c h i l i n a e**

***Heriades crenulatus* Nylander 1856**

West Palaearctic

SAUNDERS 1904: Frequent in 1901 (Palma; Lluc; Pollença)  
S'Albufera, 10.ix.2002, 1 ♀; Deià, 10.ix.2002, 1 ♂, both det. and leg. Baldock  
Capdepera, Cala Mesquida, 17.vi-14.vii.2009, 2 ♂ ♂, 1 ♀; 5-19.vii.2010, 4 ♂ ♂, 3 ♀ ♀, all det.  
Baldock, leg. R. Castro  
Puig Major, Cuber 900m, 21.ix.2012, 1 ♀, det. and leg. Baldock

***Heriades rubicola* PÉREZ 1890**

Mediterranean

SAUNDERS 1904: Frequent in 1901(Palma; Lluc; Pollença)

Common, 2003-2012 (S'Albufera at Sa Roca, Son Bosc, Es Comú, Es Senyals, Ses Puntes, Ses Salinetes; Campos, Salines; Capdepera, Cala Mesquida; Cala Mondragó PN; Esporles; Puigpunyent; Andratx; Cala Millor)

***Chelostoma distinctum* (STOECKERT 1929)**

Mediterranean

TORRES et al. 2012: Pollença, 26.viii.1916, 1 ♀, leg. Enslin

***Hoplitis acuticornis* (DUFOR & PERRIS 1840)**

West Palearctic

Capdepera, Cala Mesquida, 11.vi.2010, 1 ♀, det. Le Goff, leg. R. Castro

Capdepera, Cala Mesquida, 23.v.2012, 1 ♀, det. Le Goff, leg. Baldock

***Hoplitis adunca* (PANZER 1798)**

West Palearctic

SAUNDERS 1904: Near Palma, 26-28.vi.1901, 18 ♀ ♀; Lluc, 28.vi, 3 ♀ ♀, near Pollença, 6/7.vii.1901, 1 ♂, 4 ♀ ♀

S'Albufera; Son Bosc, 9.vi.2009, 8.vi.2010, 2 ♂ ♂; Sa Roca, 19/22.iv.2011, 1 ♂, 1 ♀; Ses Puntes, 13.v.2008, 1 ♂, leg. M. Jenner

Port de Pollença, 1.v.2012, 2 ♂ ♂, det. Le Goff, leg. N. Owens

Cala Mesquida, 23.v.2012, 2 ♀ ♀, det. and leg. Baldock

***Hoplitis anthocopoides* (SCHENCK 1853)**

West Palearctic

Capdepera, Cala Mesquida, 19.v.2009, 1 ♂, det. Le Goff, leg. R. Castro

***Hoplitis benoisti* (ALFKEN 1935)**

West Mediterranean

S'Albufera, Sa Roca, 16.v.2007, 1 ♀, det. Le Goff, leg. D. Gibbs

S'Albufera, Son Bosc, 24.v.2009, 1 ♀, det. Le Goff, leg. B. Padrón

Capdepera, Cala Mesquida, 29.v.2009, 1 ♀, det. Le Goff, leg. R. Castro

***Hoplitis fertoni* PÉREZ 1891**

Iberia, Sicily, North Africa

Capdepera, Cala Mesquida, 17, 22.v, 3.vi.2010, 3 ♀ ♀, det. Le Goff, leg. R. Castro

***Hoplitis (Hoplitis) insularis* (SCHMIEDEKNECHT 1886)**

Mallorca, Sardinia, Algeria, Tunisia

Lectotype female by designation of Peters (1953) 'Mallorca'  
Port de Pollença, 27.iv.2012, 1 ♂, det. Le Goff, leg. N. Owens

***Hoplitis leucomelana* (KIRBY 1802)**

Palearctic

S'Albufera, Cala Mesquida and Puig Major, fairly common, 2007-2012

***Hoplitis tridentata* (DUFOR & PERRIS 1840)**

West Mediterranean

SAUNDERS 1904: Road Lluc-Pollença, 6.vii.1901, 1 ♀ (worn), leg W. Holland

***Osmia andrenoides* (SPINOLA 1808)**

West Palearctic

Alcudia, 15.v.2001, 2 ♀ ♀, det. Baldock, leg. J. Burn

S'Albufera, Son Bosc, 1.vii.2009, 1 ♀; 15.v-14.vii.2010, 1 ♂, 2 ♀ ♀, all det. Baldock, leg. R. Castro

***Osmia aurulenta* (PANZER 1799)**

West Palearctic

SAUNDERS 1904: Sóller Pass, 3.vii.1901, 1 ♀

S'Albufera at Son Bosc, 14.v.2008, 2 ♀ ♀; 30.v-4.vi.2009, 2 ♀ ♀; at Sa Roca, 18.iv.2011, 1 ♀; at Es

Comu, 12.v.2008, 1 ♀, det. Baldock, leg. M. Jenner

Port de Pollença, 29.iv.2012, 1 ♀, det. Baldock, leg. N. Owens

Capdepera, Cala Mesquida, 23.v.2012, 3 ♀ ♀, det. and leg. Baldock

Serra de Tramuntana, Galilea, 22.v.2012, 1 ♀, det. and leg. Baldock

Andratx, 4.v.2011, 1 ♀, ldet. and leg. H. Whiteley

***Osmia balearica* SCHMIEDEKNECHT 1885**

Spain, Portugal

GARCÍAS 1953: Arta, Sa Mesquida, 18.v.1933, det. ?Dusmet

S'Albufera, Es Comú, 18.vii.2007, 1 ♀; 20-24.v.2009, 3 ♀ ♀, all leg. D. Gibbs; 12.v.2008, 1 ♀, det. Baldock, leg. M. Jenner

Son Serra, 2008, 1 ♀, det. Mueller, leg. B. Padrón

Capdepera, Cala Mesquida, 30.iv.2008, 1 ♀, det. Le Goff, leg. A. Traveset; 29.v.2009, 1 ♀; 9-16.iv.2010, 1 ♂, 1 ♀, all det. Le Goff, leg. R. Castro

***Osmia bicornis* (LINNAEUS 1758)**

West Palearctic

S'Albufera, Sa Roca; 18.iv.2011, 1 ♀, leg. N.Owens; 3-7.iv.2012, 2 ♂, leg. T.homas; Ses Puntes, 14.v.2008, 1 ♀, leg. M.Jenner; all det. Baldock

Puig Major, Cúber 900m, 25.v.2012, 2 ♀ ♀, det. and leg. Baldock

Esporles, 25.v.2012, 1 ♀, det. and leg. Baldock

***Osmia caerulescens* (LINNAEUS 1758)**

Holarctic

SAUNDERS 1904: Near Palma, 28.vi.1901, 1 ♀; near Pollença, 6/7.vii.1901, 3 ♀ ♀  
S'Albufera, fairly common at Son Bosc and Sa Roca, 17.v.2007-23.v.2012, 6 ♂ ♂, 9 ♀ ♀; Ses  
Puntes, 13.v.2008, 1 ♀; all det. Baldock  
Serra de Tramuntana; Binifaldó, 4.v.2011, 2 ♂ ♂, leg N.J. Riddiford; Cúber 900m, 25.v.2012, 1 ♀;  
Galilea, 22.v.2012, 1 ♀.; Escorca, 24.v.2011, 1 ♀, leg. C.Tur; all det. and leg. Baldock  
Alcudia, Mal Pas, 20-25.vi.2011, 1 ♀, leg. G. Reder

***Osmia cornuta* (LATREILLE 1805)**

West Palearctic

SAUNDERS 1901: Miramar, 27.iii.1900, 1 ♀  
GARCÍAS 1953: Arta, v.1933, det. ?Dusmet  
Puig de Sant Martí, 23.iv.2006, 1 ♀, det. Westrich, leg. D. Gibbs  
S'Albufera, Sa Roca, 12.v.2008, 1 ♀, det. Baldock, leg. M. Jenner

***Osmia ferruginea* LATREILLE 1811**

Mediterranean

Capdepera, Cala Mesquida, 3.vi.2010, 1 ♀, det. Le Goff, leg. R. Castro

***Osmia latreillei iberoafricana* PETERS 1975**

West Mediterranean subspecies

SAUNDERS 1901: Palma, Castell de Bellver, 26.iii.1900, 2 ♂ ♂  
Common at S'Albufera, Son Bosc, Es Cibolar; Cala Mesquida; Puig Major; Esporles, Andratx; all  
det. Baldock, 2006-2012

***Osmia leaiana* (KIRBY 1802)**

Palearctic

Sa Coveta Negra, 21.v.2007, 1 ♂, det. Le Goff, leg. D. Gibbs

***Osmia melanogaster* SPINOLA**

West Palearctic

Esporles, 26.v.2012, 1 ♂, det. Le Goff, leg. Baldock

***Osmia niveata* (FABRICIUS 1804)**

West Palearctic

Ca'n Picafort, 1-15.vi.1984, 1 ♀, leg. J. Burn  
S'Albufera; Es Cibolar, 15.v.2008, 2 ♀ ♀; Ses Motes, 16.v.2008, 1 ♀; Sa Roca, 12.v.2008, 3 ♀ ♀, all  
det. Baldock, leg. M. Jenner; 22.iv.2011, 1 ♀; 2.v.2012, 1 ♀; det. Le Goff, leg. N. Owens;  
Puig Major, Escorca, 11.v.2011, 4 ♂ ♂, det. Le Goff, leg. C. Tur  
S'Albufera, 28.iv.2012, 1 ♀, leg. M. Honey  
Esporles, 26.v.2012, 5 ♀ ♀; Galilea, 22.v.2012, 4 ♀ ♀, all det. and leg. Baldock

Massanella, 4.v.2012, 1 ♂, det. Le Goff, leg. N. Owens

***Osmia niveocincta* PÉREZ 1879**

Mediterranean

S'Albufera, Ses Motes, 16.v.2008, 1 ♀, det. Le Goff, leg. M. Jenner

***Osmia notata* (FABRICIUS 1804)**

Mediterranean

SAUNDERS 1904: Palma, Porto Pi, 27.vi.1901, 1 ♀; Palma-Llucmajor, 6 ♀ ♀

Sóller, 1-5.vii.1901, 15 ♀ ♀

GARCÍAS 1953: Arta, vi.1933, det. ?Dusmet

***Osmia signata* ERICHSON 1835**

South-west Palaearctic

Capdepera, Cala Mesquida, 2.vii.2009, 1 ♀, det. Le Goff, leg. R. Castro

***Osmia submicans* MORAWITZ 1870**

West Palaearctic

GARCÍAS 1953: Arta, 10.v.1933, det. ?Dusmet

Capdepera, Cala Mesquida, 12.v-7.vi. 2009 and 16.iv.2010, 1 ♂, 2 ♀ ♀, det. Baldock, leg. R.

Castro; 23.v.2012, 1 ♀, det. and leg. Baldock

S'Albufera, Sa Roca, 22.iv.2011, 1 ♂, det. Baldock leg. N. Owens

Andratx, 4.v.2012, 1 ♀. det. Baldock, leg. H. Whiteley

Serra de Tramuntana; Esporles, 26.v.2012, 1 ♀; Galilea, 22.v.2012, 1 ♀, det. and leg. Baldock

***Osmia tricornis* LATREILLE 1811**

West Mediterranean

GARCÍAS 1953: Arta, iv and vi.1933, det. ?Dusmet

S'Albufera, Son Bosc, 25.iv.2010, 1 ♀, det. Baldock, leg. R. Castro

Serra de Tramuntana, Binifaldó, 4.v.2011, 1 ♀, det. Baldock, leg. N.J. Riddiford

Esporles, 25.v.2012, 1 ♀, det. and leg. Baldock

***Osmia versicolor* LATREILLE 1811**

Mediterranean

GARCÍAS 1953: Arta, Colonia de San Pere, v.1933, det. ?Dusmet

Ca'n Picafort, 1-15.vi.1984, 1 ♀, det. Baldock, leg.J. Burn

S'Albufera; Son Bosc, 21.iv.2006, 1 ♀; 14.v.2008, 1 ♀; 17.v.2009, 1 ♂, 1.iv.2010, 1 ♂; 23.v.2012, 1 ♀; Ses Punes, 13.v.2008, 2 ♀ ♀, all det. Baldock

Serra de Tramuntana, Cúber 900m, 24.iv.2006, 1 ♀, 5.v.2011, 1 ♀, both det. Baldock

Capdepera, Cala Mesquida, 21.v.2008, 1 ♀; 21.iv.2010, 1 ♀, 23.v.2012, 1 ♀, all det. Baldock

Andratx, 4.v.2012, 3 ♀ ♀, det. Baldock, leg. H. Whiteley

***Protosmia minutula* (PÉREZ 1896)**

Iberia, France, Italy, Switzerland, North Africa. First record for Balearics

Puig Major, Escorca, 20 and 22.vii and 10.viii.2010, 2♂♂, 1♀; 5.vii. and 4.viii.2011, 2♂♂ (on *Santolina chamaecyparissus*), 1♀, all det. Le Goff, leg. C. Tur

***Anthidium cingulatum* LATREILLE 1809**

Palaeartic

SAUNDERS 1904: Common

Ca'n Picafort, 1-15.vi.1984, 2♂♂, det. and leg. J. Burn

Cala Millor, 24.viii.1998, 2♀♀, leg. J. Burn

Deià, 19.ix.2002, 3♂♂, 4♀♀; 24.ix.2003, 1♂; all det. and leg. Baldock

Serra de Tramuntana; Esporles; Puigpunyent, both leg. Baldock; Puig Major, Escorca, 8-29.vii.2010, 5♂♂, 2♀♀, leg. C. Tur, all det. Baldock

S'Albufera, Sa Roca, 14.v.2008, 1♀; Ses Punes, 13.v.2008, 1♂, 1♀; Son Bosc, 16.v.2008, 3♂♂, 1♀; Ses Salinetes, 14.v.2008, all det. Baldock, leg. M. Jenner

Capdepera, Cala Mesquida, 12.vii.2010, 1♀, det. Baldock, leg. R. Castro

Port de Pollença, 29.iv.2012, 1♀, leg. N. Owens

Esporles, 26.v.2012, 1♀, det. and leg. Baldock

Andratx, 4.v.2012, 1♀, det. Baldock, leg. H. Whiteley

***Anthidium florentinum* (FABRICIUS 1775)**

Palaeartic

SAUNDERS 1904: Palma, Castell de Bellver. 26.vi.1901, 2♂♂, 4♀♀

***Anthidium manicatum* (LINNAEUS 1758)**

Old and New World

GARCÍAS 1953: Arta, v.1933, det. ?Dusmet

Ca'n Picafort, 1-15.vi.1984, 1♂, 1♀, det. Baldock, leg. J. Burn

S'Albufera, Ses Punes, 13.v.2008, 1♂, 1♀, det. Baldock, leg. M. Jenner

Puig Major, Escorca, 2-20.vii.2010, 3♂♂, 3♀♀; 18.vii.2011, 1♀, all det. Baldock, leg. C. Tur

Andratx, 4.v.2012, 1♀, det. Baldock, leg. H. Whiteley

***Pseudoanthidium scapulare* (LATREILLE 1809)**

West Mediterranean

SAUNDERS 1904: (as *Anthidium literatum* PZ.) Lluc-Pollença, 6.vii.1901, 1♀; Pollença-Castell del Rei, 7.vii.1901, 1♀

S'Albufera, 21.ix.2003, 1♀, det. Le Goff, leg. Baldock

Puig Major, Escorca, 6.vii.2011, 1♀, det. Le Goff, leg. C. Tur

***Rhodanthidium septemdentatum* (LATREILLE 1809)**

West Palaeartic

SAUNDERS 1901: Palma, Castell de Bellver, 26.iii.1900, 1♀

SAUNDERS 1904: Fairly common, 1901, near Palma; Sóller; Pollença

Common, 2006-2012 at Tramuntana, Galilea; Esporles; Cúber 900m; Puig de Sant Martí; Puig Major, Escorca; Andratx; S'Albufera at Sa Roca, Son Bosc, Ses Punes, Ses Motes, Es Comu, Es Senyals; Ca'n Picafort, Alcudia

***Rhodanthidium sticticum* (FABRICIUS 1793)**

West Mediterranean

Tramuntana; Galilea, 23.v.2012, 2♂♂; Esporles, 25.v.2012, 1♀, all det. and leg. Baldock  
Andratx, 4.v.2012, 1♂, det. Baldock, leg. H. Whiteley

***Stelis breviscula* NYLANDER 1848**

Palaeartic

Ca'n Fuster, Manacor, 13.vi.1994, 1♂ det. and leg. Ortiz-Sanchez

***Stelis punctulatissima* (KIRBY 1802)**

West Palaeartic

Alcudia, Mal Pas, 18-25.vi.2010, 1♂, det. and leg. G. Reder

***Dioxys cincta* (JURINE 1807)**

West Palaeartic

Serra de Tramuntana, Cúber, 5.v.2011, 1♂, det. Baldock, leg. N.J. Riddiford  
S'Albufera, Ses Punes, 13.v.2008, 1♀, det. Baldock, leg. M. Jenner

***Coelioxys afra* LEPELETIER 1841**

Palaeartic

SAUNDERS 1904: Palma nr Porto Pi, June/July 1901, 2♀♀; Castell de Bellver, 11.vii.1901, 1♂;  
Sóller, 2-4.vii.1901, 1♂, 1♀; around Pollença, 7-9.vii.1901, 5♂♂, 1♀  
S'Albufera, 10.ix.2002, 2♀♀, det. Else, leg. Baldock  
Campos, Salines, 24.ix.2003, 1♀, det. Ortiz-Sánchez, leg. Baldock  
S'Albufera, Es Comú, 29.v.2009, 1♂, det. Schwarz, leg. D.Gibbs  
Capdepera, Cala Mesquida, 12.vii.2010, 1♂, det. Le Goff, leg. R.Castro

***Coelioxys inermis* (KIRBY 1802)**

West Palaeartic

SAUNDERS 1904: (as *C. acuminata* NYLANDER) Pollença-Castell del Rei, 7.vii.1901, 1♀, leg. E. Poulton  
S'Albufera, Ses Punes, 24.ix.2012, 1♀, leg. Baldock

***Megachile (Chalicodoma) sicula balearica* TKALCŮ 1977**

Mediterranean

SAUNDERS 1904: Lluc to Pollença, 6.vii.1901, 3♀♀; Pollença, 7.vii.1901, 4♀♀  
around Palma; Valldemossa, 24.iii.-3.iv.1901, 10♂♂, 15♀♀



S'Albufera, Ses Punes, 19.iv.2006, 1 ♂, 1 ♀; Cúber 900m, 24.iv.2006, 1 ♂; all det Westrich, leg D. Gibbs; Son Bosc, 14.v.2008, 1 ♀, det. Baldock, leg. M. Jenner  
Serra de Tramuntana, Binifaldó, 5.v.2011, 3 ♂ ♂, leg. N.J. Riddiford; Esporles, 26.v.2012, 1 ♀; Cúber 900m, 25.v.2012, abundant, both leg. Baldock; Puig Major, Escorca, 11.v.2011, 2 ♂ ♂, leg. C. Tur; all det. Baldock  
Alcudia, Mal Pas, 18-25.vi.2010, 2 ♀ ♀, leg. G. Reder  
Cala Mesquida, 23.v.2012, abundant, det. Baldock  
Port de Pollença, 28.iv.2012, 1 ♀, det. Baldock, leg. N.Owens  
Andratx, 4.v.2012, 1 ♀, det. Baldock, leg. H.Whiteley

### ***Megachile (Creightonella) albisecta* (KLUG 1817)**

South-west Palaearctic

SAUNDERS 1904: (as *M. sericans* FONSC.) Palma, Porto Pi. Extremely abundant, 10-12.vii.1901; Sóller Pass, 30.vi-3.vii.1901, 1 ♂, 1 ♀; Lluc, 5.vii, 1 ♂; Pollença, 7.vii. 1901, 10 ♂ ♂  
Capdepera, Cala Mesquida, 17-24.vi.2009, 1 ♂, 1 ♀; 5-19.vii.2010, 2 ♀ ♀, all det. Le Goff, leg. R. Castro  
Alcudia, Mal Pas, 20-25.vi.2011, 1 ♂, leg. G. Reder

### ***Megachile apicalis* SPINOLA 1808**

West Palaearctic

SAUNDERS 1904: Frequent, 1901  
S'Albufera, 21.ix.2003, 1 ♀; Ses Punes, 24.ix.2012, 3 ♀ ♀, leg. Baldock; Sa Roca, 12.v.2008, 2 ♂ ♂, leg. M. Jenner; Es Cibollar, 15.v.2008, 2 ♂ ♂, 3 ♀ ♀, leg M. Jenner; Son Bosc, 16.v.2008, 1 ♂, leg. M. Jenner; all det. Baldock  
S'Albufera, Son Bosc, 18.vi.2009-14.vii.2010, 3 ♀ ♀, 1 ♂, det. Le Goff, leg. R. Castro  
Alcudia, Mal Pas, 20-25.vi.2011, 1 ♂, leg. G. Reder  
Capdepera, Cala Mesquida, 9.vii.2010, 1 ♀, det. Le Goff, leg. R. Castro  
Esporles, 26.v.2012, 1 ♀; Cala San Vicente, 23.ix.2012, 1 ♀, det. and leg. Baldock

### ***Megachile centuncularis* (LINNAEUS 1758)**

Palaearctic

SAUNDERS 1904: Sóller Pass, 29.vi.1901, 1 ♀; S'Albufereta, 9.vii.1901, 1 ♂  
S'Albufera, 21/25.ix.2003, 2 ♀ ♀, det. Ortiz-Sanchez, leg. Baldock; Ses Punes, 24.ix.2012, 2 ♀ ♀, leg. Baldock; 13.v.2008, 1 ♀, leg. M. Jenner; Es Cibollar, 15.v.2008, 1 ♀, leg. M. Jenner; Ses Motes, 16.v.2008, 1 ♀, leg. M. Jenner; all det. Baldock

### ***Megachile concinna* SMITH 1879 (= *M. atratula* REBMANN 1968)**

Mediterranean

Campos, Salines, 10.ix.2002, 1 ♀, det. Le Goff, leg. Baldock  
S'Albufera, 21.ix.2003, 2 ♂ ♂, 3 ♀ ♀; Ses Punes, 24.ix.2012, 7 ♀ ♀, all det. Le Goff, leg. Baldock  
S'Albufera, Sa Roca, 1.vi.2008, 1 ♀, det. Le Goff, leg. T.Tomas  
S'Albufera, Es Rotlos, 7.vi.2005, 1 ♀; 7.v.2008, 1 ♀, det. Le Goff, leg. P. Hill/T. Sorg  
S'Albufera, Es Cibollar, 15.v.2008, 1 ♀; Ses Motes, 16.v.2008, 1 ♀, all det. Baldock, leg. M. Jenner

***Megachile fertoni* PÉREZ 1896**

Mediterranean

Paguera, Andratx, 4.v.2012, 1 ♂, det. Le Goff, leg. H. Whiteley

***Megachile leachella* CURTIS 1828 (= *dorsalis* PÉREZ 1879)**

West Palaearctic

SAUNDERS 1904: (as *M. argentata*) Common

Fairly common, 2003-2012; S'Albufera

S'Albufera, Son Bosc, 7.vi.2011, 1 ♀, det. Le Goff, leg. B. Velasquez; 23.v.2012, 1 ♀

Puig Major, Escorca, 28.vi.2011, 1 ♂, det. Le Goff, leg. X. Rotllan

Esporles, 26.v.2012, 1 ♀, det. Le Goff, leg. Baldock

***Megachile pilidens* ALFKEN 1924**

West Palaearctic

Fairly common, 2002-2012, S'Albufera; Deià; Puig Major; Campos; Cala Mondragó; Alcudia

***Megachile rotundata* (FABRICIUS 1793)**

Palaearctic

SAUNDERS 1904: Palma, Porto Pi, 27.vi.1901, 1 ♀; Pollença, 9.vii.1901, 1 ♀

S'Albufera, Sa Roca, 16.v.2007, 1 ♀, det. Le Goff, leg. D. Gibbs

Puig Major, Escorca, 21.vii.2011, 1 ♂, det. Le Goff, leg. C. Tur

***Megachile versicolor* SMITH 1844**

Palaearctic

S'Albufera, 21.ix.2003, 1 ♂, leg. Baldock; Es Senyals, 21.ix.2012, 1 ♀, leg. N. Owens; Sa Roca,

12.v.2008, 1 ♂, leg. M. Jenner, all det. Le Goff

**A p i n a e**

***Xylocopa violacea* (LINNAEUS 1758)**

West Palaearctic

SAUNDERS 1901: Valldemossa, 27.iii.1900, 1 ♂

SAUNDERS 1904: Frequent around Palma; Sóller; Lluc; Pollença; S'Albufereta; June/July 1901

Widespread and common 2006-2012 e.g. Es Castell, March Valley; S'Albufera, Son Bosc; Alcudia; Valldemossa; Caimari; Galilea; Puig Major, Cúber 900 m; Esporles; Cala Mesquida; Andratx

***Ceratina cucurbitina* (ROSSI 1792)**

West Palaearctic

SAUNDERS 1904: Common, 1901

Ca'n Picafort, 1-15.vi.1984, 1 ♀, det. Baldock, leg. J. Burn

Alcudia, 18.v.2001, 1 ♂, leg. J. Burn

S'Albufera; Es Comu, 25.iv.2006, 20.v.2007, 2 ♀ ♀; Son Bosc, 17.v-23.vi.2009, 4 ♂ ♂; 23.v.2012, 1 ♂; Ses Pintes, 13.v.2008, 1 ♂, all det. Baldock  
Puig Major, Escorca, 17.vi.2009-8.vii.2010, 3 ♂ ♂; Cúber 900m, 25.v.2012, 1 ♂; all det. Baldock  
Port de Pollença, 5.v.2012, 2 ♂ ♂, det. Baldock, leg. N. Owens

### ***Ceratina dallatorreana* FRIESE 1896**

West Palaearctic

SAUNDERS 1901: Inca, March 1900, 1 ♀.

SAUNDERS 1904: Near Palma. 27/28.vi.1901, 5 ♀ ♀; Lluch, 6.vii.1901, 2 ♀ ♀; Pollença, 6-9.vii.1901, 18 ♀ ♀.

S'Albufera, fairly common, 2002-2012, all det. Baldock  
Port de Pollença, 5.v.2012, 1 ♀, det. Baldock, leg. N.Owens

### ***Ceratina dentiventris* GERSTAECKER 1869**

Southern west-palaearctic

GARCIAS FONT 1953: Cala Mesquida, 7.vii.1933, 1 ♀ on *Eryngium*, det. ?Dusmet

### ***Ceratina parvula* SMITH 1854**

Mediterranean

SAUNDERS 1904: Road from Lluc to Pollença, 6.vii.1901, 1 ♀.

Capdepera, Cala Mesquida, 11.vi-19.vii.2010 and 5.vii.2011, 5 ♀ ♀, all det. Baldock, leg. R. Castro  
S'Albufera, Sa Roca, 22.x.2011, 1 ♀, det. Baldock, leg. N. Owens

### ***Nomada bifasciata* OLIVIER 1811**

Mediterranean

Sa Moleta, 21.v.2007, 1 ♂, det. Schwarz, leg. D. Gibbs

Capdepera, Cala Mesquida, 19.v.2009, 1 ♀, leg. D. Gibbs; 23.v.2012, 1 ♀. det. Schwarz, leg. Baldock

S'Albufera, Sa Siurana, 28.iv.2011, 1 ♀, det. Schwarz, leg. N.J. Riddiford

Puig Major, Escorca, 24.v.2011, 1 ♀, leg. Rotllan; 25.v.2011, 1 ♀, det. Schwarz, leg. C. Tur

### ***Nomada numida* LEPELETIER 1841 (= *Nomada mauritanica* LEPELETIER 1841)**

Spain, Greece

SAUNDERS 1901: (as *Nomada poultoni* sp. nov.) Palma, Castell de Bellver, 25 and 30.iii.1900, 1 ♂, 3 ♀ ♀

SAUNDERS 1904: (as *Nomada mephisto* SCHENCK) Palma-Llucmajor road, 28.vi.1901, 1 ♀, leg. A. Hamm

### ***Nomada succincta* PANZER 1798**

West Palaearctic

Puig Major, Escorca, 29.v.2009, 1 ♀; 25.v.2011, 1 ♀, both det. Schwarz, leg. C. Tur  
Esporles, 25.v.2012, 1 ♀, det. and leg. Baldock

***Nomada variegata* (OLIVIER 1789)**

ERLANDSSON 1979: Port d'Alcudia, 15-19.vii.1969, 1 ♂, 3 ♀ ♀

***Epeolus fallax* MORAWITZ 1872**

West Mediterranean

Ca'n Picafort, 1-15.vi.1984, 1 ♂, 1 ♀, det. Schwarz, leg. J. Burn

S'Albufera, 14.v.2008, 1 ♀, det. Schwarz, leg. M. Jenner

S'Albufera, Es Comu, 28.ix.2012, 1 ♀, det. Schwarz, leg. N. Owens

Paguera, Andratx, 2.v.2012, 1 ♀, det. Schwarz, leg. H. Whiteley

***Epeolus intermedius* PÉREZ 1884**

West Palaearctic

S'Albufera, Son Bosc, 17.v.2007, 1 ♀, det. Schwarz, leg. D. Gibbs

***Pasites maculatus* JURINE 1807**

South Palaearctic

SAUNDERS 1904: Palma, Porto Pi, 27.vii.1901, 1 ♂, leg. A. Hamm

***Eucera clypeata* ERICHSON 1835**

Palaearctic

S. Risch, pers. comm., Mallorca, 1 ♂

***Eucera elongatula* VACHAL 1907**

Iberia, France, North Africa

S. Risch, pers. comm., Mallorca.

***Eucera nigrilabris* LEPELETIER 1841**

Mediterranean

SAUNDERS 1901: Palma, 24.iii.1900, 10 ♀ ♀, Castell de Bellver, 25 and 30.iii.1900

GARCÍAS 1953: Arta, iii.1933, det. ?Dusmet

S'Albufera, Ses Punes, 4.iv.1999, 1 ♀, det. Baldock, leg. N.J. Riddiford

S'Albufera, Sa Siurana, 30.iii.2008, 1 ♀, det. Risch, leg. B. Padrón

***Eucera numida* LEPELETIER 1841 (treated by some authorities as ssp. *balearica* TKALCÚ 1977)**

Possible Balearic endemic subspecies

SCHULTHESS 1924: Mallorca

GARCÍAS 1953: (as *E. numida* FABR.) Arta, Son Boyet, 10.iii.1932, 1 ♀, det. ?Dusmet

Tramuntana, Cuber 900m, 25.v.2012, 1 ♀, det. Risch, leg. Baldock

***Eucera oraniensis* LEPELETIER 1841**

Iberia, France, Italy, Algeria, Tunisia

- SAUNDERS 1901: as *Eucera grisea* (FABRICIUS); Inca, 1900, 2♂♂, 1♀; Palma, Porto Pi, 24.iii.1900, 14♂♂, 21♀♀; Palma, Castell de Bellver, 25 and 30.iii.1900;  
SAUNDERS 1904: as *E. grisea*; Palma, Porto Pi, 27.vi.1901, 3♀♀; Palma-Llucmajor, 28.vi.1901, 1♀  
S'Albufera; Sa Siurana, iv.2007, 1♂, det. Risch, leg. B. Padrón; Sa Roca, 17.v.2007, 1♀, leg. D. Gibbs  
S'Albufera: Es Colombars, 2♀♀; Es Cibollar, 1♀, both 15.v.2008; Ses Salinetes, 14.v.2008, 2♀♀; Ses Motes, 16.v.2008, 1♀, all det. Baldock, leg. M. Jenner  
S'Albufera, Son Bosc; 6.vi.2007, 1♀, det. Risch, leg. A. Traveset; 24.iv and 16.v.2009, 2♀♀, det. Baldock, leg. R. Castro  
Puig de Sant Martí, 19.v.2007, 1♀, leg. D. Gibbs  
Capdepera, Cala Mesquida, 19.v.2009, 1♀, leg. D. Gibbs  
Port de Pollença, 2.v.2012, 1♀, det. Baldock, leg. N. Owens  
Serra de Tramuntana, Puig Major, Escorca, 29.v.2009+24.v.2011, 3♀♀, det. Baldock, leg. C. Tur; Esporles, 25.v.2012, abundant; Puigpunyent, 22.v.2012, abundant; Cúber 900m, 2♀♀, all det. and leg. Baldock  
Andratx, 4.v.2012, 2♀♀, det. Baldock, leg. H. Whiteley

***Eucera (Synhalonia) rufa* (LEPELETIER 1841)**

GARCÍAS 1953: (as *Tetralonia berlandii* DUSMET) Arta, 4.v.1933, 1♀ det. ?Dusmet

***Amegilla albigena* (LEPELETIER 1841)**

West Palaearctic

SAUNDERS 1904: Around Palma, 26-27.vi.1901, 6♂♂, 12♀♀; Sóller, 4.vii.1901, 1♂

***Amegilla quadrifasciata* (VILLERS 1789)**

Palaearctic

- SAUNDERS 1904: Common in June/July 1901  
Cala Millor, 24.viii.1998, 1♂, det. Baldock, leg. J. Burn  
Deià, 10.ix.2002, 6♀♀; 20.ix.2003, 1♀; all det. and leg. Baldock  
Campos, Salines, 24.ix.2003, 4♂♂, 1♀, det. and leg. Baldock  
Puig Major, Escorca, 1.vii.2009, 1♂; 13-29.vii.2010, 2♀♀, det. Baldock, leg. C. Tur  
Son Mesquida, Felanitx and Cala Mondragó NP, 19.ix.2008, 1♂, 5♀♀, det. and leg. Baldock  
S'Albufera, Son Bosc, 18.vi.2009, 1♂, leg. R. Castro; 25.ix.2012, 3♂♂, det. and leg. Baldock  
S'Albufera, Es Comú, 22.x.2011, 1♀, det. Baldock, leg. N. Owens  
S'Albufera, Ses Puntes, 24.ix.2012, 2♂♂, det. and leg. Baldock  
Alcúdia, Mal Pas, 18-25.vi.2010, 2♀♀, leg. G. Reder

***Amegilla savignyi* (LEPELETIER 1841) (= *A. magnilabris* FEDTCHENKO)**

West Palaearctic

S'Albufera, Cami d'en Pep, 22.ix.2012, 1♂, det. Le Goff, leg. N. Owens,

***Anthophora atriceps* PÉREZ 1879**

Mainly West Mediterranean

Puig Major, Cuber 900m, 25.v.2012, 1 ♀, det. Le Goff, leg. Baldock  
Esporles, 26.v.2012, 1 ♀, det. Le Goff, leg. Baldock

***Anthophora balearica* (FRIESE 1896)**

Balearic endemic

SAUNDERS 1901: Palma, Castell de Bellver, 30.iii.1900, 1 ♂, 2 ♀ ♀; Pollença, 3.iv.1900, 1 ♂  
Ca'n Picafort, 1-15.vi.1984, 1 ♀, det. Baldock, leg. J. Burn  
S'Albufera, Es Comu, 20.iv.2006, 1 ♀, det. Baldock, leg. D. Gibbs  
Son Serra, iii.2007, 1 ♂, det. Ortiz-Sanchez, leg. B. Padrón  
S'Albufera, Ses Punes, 19.iv.2006, 1 ♀, det. Westrich, leg.D. Gibbs; 17.v.2007, 1 ♀, leg. D. Gibbs;  
20.iv.2011, 1 ♀, leg. N. Owens; 29.iii.2012, 1 ♀, leg. N.J. Riddiford, both det. Le Goff  
S'Albufera, Es Brac, 19.v.2007, 1 ♀, det. and leg. D. Gibbs  
Son Siurana, 30.iii.2008, 1 ♀, det. Ortiz-Sanchez, leg. B. Padrón  
S'Albufera, Sa Roca, 18.v.2009, 1 ♀, leg. D. Gibbs; 12.v.2008, 1 ♀, det. Baldock, leg. M. Jenner  
Capdepera, Cala Mesquida, 2.iv.2010, 1 ♀, det. Baldock, leg. R. Castro  
Puig Major, Escorca, 18.v.2010, 1 ♀; 11.v.2011, 1 ♂, det. Le Goff, leg. C. Tur  
Andratx, 4.v.2012, 2 ♀ ♀, det. Baldock, leg. H. Whiteley

***Anthophora dispar* LEPELETIER 1841**

Mediterranean

GARCIAS 1953: Arta, Sa Colonia, 28.iii.1933, 1 ♀, det. ?Dusmet

***Anthophora plumipes* (PALLAS 1772)**

Palaeartic

SAUNDERS 1901: (as *Podalirius pilipes* F.) Very abundant, 7 ♂ ♂, 23 ♀ ♀, at Palma; Castell de Bellver; Miramar; Valldemossa; Pollença, from 24.iii-4.iv.1900  
S'Albufera at Son Bosc, May 2007, 4 ♀; at Sa Roca, 18.iv.2011, 1 ♂; at Es Senyals, 30.iv.2012, 1 ♀  
Serra de Tramuntana, Binifaldó, 4.v.2011, 1 ♂, leg. N.J. Riddiford; Puig Major, Escorca, 9.v.2011, 1 ♂, leg. C. Tur; all det. Baldock  
Esporles, 26.v.2012, 1 ♂, 1 ♀, det. Le Goff, leg. Baldock

***Anthophora senescens* (LEPELETIER 1841)**

Mediterranean

FRIESE 1897: Mallorca

GARCIAS 1953: Arta, Sa Colonia, 28.iii.1933, 1 ♂, 1 ♀, det. ?Dusmet

***Anthophora subterranea* GERMAR 1825**

SAUNDERS 1901: (as *Podalirius nigrocinctus* LEP.) Palma, Castell Bellver, 25-30.iii.1900, abundant on flowers; Inca, iii.1900, 1 ♀  
GARCIAS 1953: (as *A. nigrocincta* Lep.), Arta, 28.iii.1933, det. ?Dusmet;

***Anthophora subterranea procera* COSTA 1883**

GARCÍAS 1953: (as *A. nigrocincta* var. *procera* COSTA) Arta, iii.1933, det. ?Dusmet

***Melecta albifrons* (FORSTER 1771)**

West-Palaeartic

GARCÍAS 1953: (as *M. armata* PANZ.) Arta, iii.1933, det. ?Dusmet

***Melecta duodecimmaculata* (ROSSI 1790)**

Mediterranean

SAUNDERS 1901: (as *Melecta plurinotata*) Palma, Castell de Bellver, 23.iii.1900, 1 ♂

GARCÍAS 1953: (as *M. plurinotata* BR.) Arta, iii.1933, scarce, det. ?Dusmet

***Melecta leucorhyncha* GRIBODO 1893**

Mediterranean

S'Albufera, Sa Siurana, iv.2007, 1 ♂, det. Schwarz, leg. B. Padrón

***Melecta luctuosa* (SCOPOLI 1770)**

West Palaeartic

SAUNDERS 1901: Palma, Castell de Bellver, 25.iii.1900, 1 ♂; Miramar-Valldemossa, 27.iii.1901  
1 ♂; Pollença, 3.iv.1901, 1 ♀

GARCÍAS 1953: Arta, scarce l'Agulla, iii.1933, det. ?Dusmet

S'Albufera, Ses Motes, 16.v.2008, 1 ♀, det. Baldock, leg. M. Jenner

***Thyreus histrionicus* (ILLIGER 1806)**

Palaeartic

Ca'n Picafort, 1-15.vi.1984, 1 ♂, det. Baldock, leg. J. Burn

Cala Millor, 29.viii.1998, 3 ♀ ♀, det. Baldock, leg. J. Burn

S'Albufera, 24.ix.2003, 1 ♂, det. Schwarz; Campos, Salines, 24.ix.2003, 3 ♂ ♂, 2 ♀ ♀, det.

Schwarz; Cap de Ses Salines, 19.ix.2008, 2 ♀ ♀, det. Jozan, leg. Baldock

Andratx, 4.v.2012, 2 ♀ ♀, det. Baldock, leg. H. Whiteley

***Thyreus ramosus* (LEPELETIER 1841)**

Palaeartic

SAUNDERS 1904: Palma, Castell de Bellver, Porto Pi and Llucmajor road, June/July 1901, 3 ♂ ♂,  
2 ♀ ♀; Sóller Pass, July 1901, 8 ♂ ♂; around Pollença, July 1901, 24 ♂ ♂, 8 ♀ ♀;

S'Albufereta, 8.vii.1901, 3 ♂ ♂

ERLANDSSON 1991: Palma, 21.v.1956, 1 ♂

***Bombus pascuorum* (SCOPOLI 1763)**

Mainly Eurosiberia

Balearic Islands (L.Castro, pers. comm.)

***Bombus terrestris lusitanicus* KRUGER 1956**

Iberia

SAUNDERS 1901: Common at Palma; Miramar; Pollença in March/April 1900

SAUNDERS 1904; (as *Bombus terrestris* L. var. *ferrugineus* SCHMIED.) Palma; S'Albufereta; common at Sóller, June/July 1901

ORNOSA & ORTIZ-SÁNCHEZ 2004: Balearics

S'Albufera, Sa Roca; 3.vi.2008, 1 ♀, leg. T. Tomas; 21.iv.2011, 1 ♀, leg. N. Owens

***Apis mellifera* LINNAEUS 1758**

SAUNDERS 1901: Abundant everywhere in Mallorca

SAUNDERS 1904: Everywhere, 1901

2003-2012. Common everywhere

**APPENDIX**

**Ibiza (including Formentera)**

***Omalus auratus* (LINNAEUS 1761)**

ERLANDSSON 1972: San Antonio, 1-29.vii.1966, 4 ♂♂, 2 ♀♀

***Philoctetes punctulatus* DAHLBOM 1854**

Near Airport, 27.v.2000, 1 ♀, det. Rosa, leg. J. Burn

***Sapygina decemguttata* (JURINE 1807)**

ERLANDSSON 1972: San Antonio, 26.vii.1966, 1 ♂

***Dasyscolia ciliata* (FABRICIUS 1787)**

HOHMANN 1984: 3 sites, 12.iv-5.v, 5 ♂♂, 5 ♀♀

***Megascolia maculata flavifrons* (FABRICIUS 1775)**

HOHMANN 1984: 2 sites, 6 ♀♀

***Anospilus balearicus* HAUPT 1936**

Near Airport, Pine heath, 27/28.v.2000, 2 ♀♀, det. Wahis, leg. J. Burn

***Pompilus cinerius* (FABRICIUS 1787)**

HOHMANN 1984: 3 sites, 6 ♀♀, 1 ♂

Near Airport, 27.v.2000, 1 ♂, leg. J. Burn



***Ancistrocerus ebusianus* (LICHTENSTEIN 1884)**

HOHMANN 1984: 8 sites, 15.iii-10.v, 10♂♂, 17♀♀  
Santa Eulalia, 17-28.v.2000, 5♀♀, leg. J. Burn  
Es Canaret, 5.iii.2012, 1♀, leg. R. Calvo

***Ancistrocerus gazella* (PANZER 1798)**

Santa Eulalia, 19-20.v.2000, 2♀♀, leg. J. Burn

***Eumenes c. coarctatus* (LINNAEUS 1758)**

HOHMANN 1984: Platja d'es Codolar, 3♂♂, 4♀♀  
Santa Eulalia, 22.v.2000, 1♀, leg. J. Burn  
Near Airport, 26.v.2000, 1♀, leg. J. Burn

***Eumenes mediterraneus* KRIECHBAUMER 1879**

Ca'n Pou S'hereva, 6.xii.2011, 1♀, leg. R. Calvo

***Leptochilus i. ibizanus* SCHULTHESS 1934**

Not endemic to Ibiza; occurs on mainland (L. Castro pers. comm.)

***Pseudepipona gineri* (SCHULTHESS 1934)**

Ibiza endemic

HOHMANN 1984: Font des Tur, Ca'an Furnet, S. Francesc de ses Salines, Platja d'es Codolar,  
26.iv-10.v., 10♂♂, 11♀♀

***Polistes gallicus* (LINNÉ 1767)**

SCHULTHESS 1934: Ibiza

***Vespula germanica* (FABRICIUS 1793)**

ERLANDSSON 1972: San Antonio, 20.vii-1.viii.1966, 6♀♀  
HOHMANN 1984: Platja d'es Codolar, Ibiza town, 2♀♀  
Ca'n Pou, 6.xii.2011, 1♀, leg. R. Calvo

***Dolichurus haemorrhous* COSTA 1886**

Near Airport, 27.v.2000, 2♂♂, det. Baldock, leg. J. Burn

***Sceliphron spirifex* (LINNAEUS 1758)**

HOHMANN 1984: 2 sites, 2♀♀

***Miscophus concolor* DAHLBOM 1845**

HOHMANN 1984: (GINER 1934: Ibiza)

***Miscophus ctenopus* KOHL 1884**

HOHMANN 1984: (GINER 1934 and 1943, as *M. rubriventris*)

***Tachysphex nitidus* (SPINOLA 1805)**

ERLANDSSON 1972: San Antonio, 23.vii.1966, 1 ♀

***Tachysphex pompiliformis* (PANZER 1904)**

HOHMANN 1984: (GINER 1934)

***Tachysphex psammobius* (KOHL 1880)**

HOHMANN 1984: (GINER 1934, 1943)

***Tachysphex unicolor* (PANZER 1806-1809)**

HOHMANN 1984: 2 sites, 4 ♂♂

***Tachytes frey-gessneri* (KOHL 1881)**

HOHMANN 1984: Platja d'es Codolar, P. d'En Bossa, 11-17.vii, 2 ♂♂

***Trypoxylon attenuatum* SMITH 1851**

ERLANDSSON 1972: San Antonio, 29.vii.1966, 1 ♂

***Ammoplanus perrisi* GIRAUD 1869**

HOHMANN 1984: (GINER 1934)

***Diodontus insidiosus* SPOONER 1938**

HOHMANN 1984: (as *D. friesei* KOHL) 2 sites, 1 ♂, 2 ♀♀  
Near Airport, 26.v.2000, 1 ♂, det. Baldock, leg. J. Burn

***Diodontus minutus* (FABRICIUS 1793)**

ERLANDSSON 1972: San Antonio, 1.viii.1966, 1 ♂  
Near Airport, 26.v.2000, 2 ♀♀, det. Baldock, leg. J. Burn

***Ectemnius continuus* (FABRICIUS 1804)**

ERLANDSSON 1972: San Antonio, 29.vii.1966, 1 ♂

***Ectemnius hypsae* (DESTEFANI 1884)**

ERLANDSSON 1972: 28.vii-6.viii.1966, 2 ♂♂, 1 ♀  
HOHMANN 1984: Puig de Ca's Serres, 1 ♀

***Liris atrata* (SPINOLA 1805)**

HOHMANN 1984: Platja d'es Codolar, 22.ix, 1 ♀

***Liris nigra* (vander LINDEN 1829)**

HOHMANN 1984: Platja d'es Codolar, 26.iii, 1 ♀

***Mimesa equestris* (FABRICIUS 1804)**

HOHMANN 1984: (GINER 1934)

***Mimesa grandii* MAIDL 1933**

Near Airport, 27.v.2000, 1 ♂, det. Baldock, leg. J. Burn

***Oxybelus mucronatus* (FABRICIUS 1793)**

HOHMANN 1984: 2 sites, 5 ♂ ♂, 2 ♀ ♀

***Oxybelus victor* CHEVRIER 1868**

HOHMANN 1984: (GINER 1934: Ibiza)

***Pemphredon inornata* SAY 1824**

HOHMANN 1984: Platja d'En Bossa, 3.v, 1 ♂

***Pemphredon lethifer* (SHUCKARD 1837)**

ERLANDSSON 1972: San Antonio, 28.vii.1966, 3 ♂ ♂

***Spilomena mocksaryi* KOHL 1898**

ERLANDSSON 1972: San Antonio, 23-27.vii.1966, 2 ♀ ♀

***Mellinus arvensis* (LINNAEUS 1758)**

ERLANDSSON 1972: San Antonio, 23.vii.1966, 1 ♂

***Bembecinus tridens* (FABRICIUS 1781)**

ERLANDSSON 1972: San Antonio, 27-29.vii.1966, 3 ♀ ♀

HOHMANN 1984: Platja d'es Codolar, 1 ♂, 4 ♀ ♀

***Bembix oculata* PANZER 1801**

HOHMANN 1984: 2 sites, 3 ♂ ♂, 2 ♀ ♀

Near Airport, 26.v.2000, det. Baldock, 1 ♀, leg. J. Burn

***Bembix olivacea* FABRICIUS 1787**

HOHMANN 1984: Platja d'as Codolar, 1 ♂, 2 ♀ ♀

***Cerceris arenaria* (LINNAEUS 1758)**

HOHMANN 1984: (GINER 1934: Ibiza)

***Cerceris flavilabris* (FABRICIUS 1793)**

Near Airport, 27.v.2000, 1 ♀, det. Baldock, leg. J. Burn

***Cerceris rybyensis* (LINNÉ 1771)**

Santa Eulalia, 17.v.2000, 1 ♀, det. Baldock leg. J. Burn

***Philanthus triangulum* (FABRICIUS 1775)**

HOHMANN 1984: 5 sites, 22 ♂ ♂, 4 ♀ ♀

***Colletes acutus* PÉREZ 1903**

HOHMANN 1984: Ibiza town, Figueretes, 12.iv, 1 ♀

***Colletes succinctus* (LINNAEUS 1758)**

HOHMANN 1984: 3 sites, 3 ♂ ♂)

Ca'n Pou, 26.xi.2011, 3 ♀ ♀, det. Baldock, leg. R. Calvo

***Hylaeus taeniolatus* FORSTER 1871**

ERLANDSSON 1986: San Antonio, 23.vii-1.viii.1966, 8 ♂ ♂, 2 ♀ ♀

HOHMANN 1984: 5 sites, 14 ♂ ♂, 10 ♀ ♀

***Dufourea similis* FRIESE 1898**

Formentera. HOHMANN 1984: Ca'an Bartomeu, Far de la Mola, 30.iv, 29 ♂ ♂, 1 ♀

***Nomioides minutissimus* (ROSSI 1790)**

HOHMANN 1984: Road Ibiza-Portinatx, Platja d'En Bossa, Pl. d'es Codolar, 26 ♂ ♂, 49 ♀ ♀

***Andrena bicolorata* (ROSSI 1790)**

HOHMANN 1984: 5 sites, 8 ♂ ♂, 35 ♀ ♀

***Andrena binominata* SMITH 1853**

Can Pou s'hereva, 26.xi.2011, 1 ♂, 1 ♀ on *Lobularia maritima*, det. Scheuchl, leg. R. Calvo

***Andrena distinguenda* SCHENCK 1871**

HOHMANN 1984: (as *A. obsoleta nitidula* PÉREZ 1903) 7 sites. 18♂♂, 19♀♀

***Andrena fabrella* PÉREZ 1903**

HOHMANN 1984: 3 sites, 2♂♂, 2♀♀

***Andrena ferrugineicrus* DOURS 1872**

HOHMANN 1984: 5 sites, 2♂♂, 5♀♀

***Andrena flavipes* PANZER 1799**

HOHMANN 1984: 12 sites, 35♂♂, 37♀♀

***Andrena flavipes ibizensis* WARNCKE 1984**

WARNCKE 1984 in Dumont: Monogr.Biol. 52: 323

***Andrena fulva* (MULLER 1976)**

HOHMANN 1984: road Ibiza town-Portinatx, 13.iv, 1♀

***Andrena minutula* (KIRBY 1802)**

Ca'n Pou, 11.iii.2012, 2♀♀, leg. R. Calvo

***Andrena morio lugubris* ERICHSON 1840**

HOHMANN 1984: Platja d'es Codolar, 26.111, 3♀♀

***Andrena nigroolivacea* DOURS 1873**

HOHMANN 1984: 13 sites, 12♂♂, 32♀♀  
Ca'n Pou, 11.ii.2012, 1♂1♀, det. Baldock, leg. R. Calvo

***Andrena nigroaenea nigrosericea* DOURS 1872**

WARNCKE 1976

***Andrena nitida* (MULLER 1776)**

HOHMANN 1984: Ibiza town, Platja d'es Codolar, 15-26.iii, 3♀♀

***Andrena ovatula* (KIRBY 1802)**

HOHMANN 1984: La Talaiassa, 16.iv, 1♀

***Andrena panurgina* (DESTEFANI 1889)**

HOHMANN 1984: Cap d'Aubarca; Ca'n Senyora, 17.4-9.v, 2♀♀

***Andrena poupillieri incana* WARNCKE 1975**

Balearic endemic subspecies

HOHMANN 1984: 2 sites, 3 ♀ ♀

***Andrena spreta pauxilla* (STOCKHERT 1935)**

HOHMANN 1984: WARNCKE 1976: Ibiza

***Panurgus calcaratus* (SCOPOLI 1763)**

HOHMANN 1984: 6 sites, 86 ♂ ♂, 49 ♀ ♀

***Halictus brunnescens* (EVERSMANN 1852)**

ERLANDSSON 1979: (as *H. aegyptiacus* FRIESE) San Antonio, 20-25.vii.1966, 8 ♂ ♂

***Halictus fulvipes* (KLUG 1817)**

ERLANDSSON 1979: San Antonio, 20-28.vii.1966, 1 ♂, 5 ♀ ♀

HOHMANN 1984: 1 sites, 99 ♂ ♂, 111 ♀ ♀

***Halictus gemmeus* DOURS 1872**

HOHMANN 1984: 20 sites, 67 ♂ ♂, 298 ♀ ♀

Santa Eulalia, 17.v.2000, 1 ♀, det. Baldock, leg. J. Burn

Ca'n Pou, 7.xi.2011, 1 ♀, det. Baldock, leg. R. Calvo

***Halictus scabiosae* (ROSSI 1790)**

ERLANDSSON 1979: San Antonio, 6.viii.1966, 2 ♂ ♂

***Halictus smaragdula* VACHEL 1895**

ERLANDSSON 1979: San Antonio, 1.viii.1966, 2 ♂ ♂

***Halictus (Vestitohalictus) microcardia* PÉREZ 1895**

ERLANDSSON 1979: San Antonio, 20-27.vii.1966, 2 ♂ ♂, 8 ♀ ♀

HOHMANN 1984: 12 sites, 15 ♂ ♂, 64 ♀ ♀

***Lasioglossum albocinctum* (LUCAS 1849)**

HOHMANN 1984: 4 sites, 2 ♂ ♂, 3 ♀ ♀

***Lasioglossum griseolum* (MORAWITZ 1872)**

ERLANDSSON 1979: San Antonio, 21.vii-5.viii.1966, 12 ♂ ♂, 8 ♀ ♀

HOHMANN 1984: 10 sites, 8 ♂ ♂, 84 ♀ ♀

***Lasioglossum limbellum ventrale* (PÉREZ 1903)**

HOHMANN 1984: Near Ibiza town; Cala Llonga, 4♀ ♀

***Lasioglossum littorale occitanicum* EBMER 1976**

ERLANDSSON 1979: San Antonio, 21.vii.1966, 1♂

HOHMANN 1984: 4 sites, 4♂ ♂, 106♀ ♀

***Lasioglossum malachurum* (KIRBY 1802)**

HOHMANN 1984: 16 sites, 31♂ ♂, 86♀ ♀

Ca'n Pou, 11.iii.2012, 1♀, det. Baldock, leg. R. Calvo

Pou s'hereva, 15.vi.2012, 1♀, det. Baldock, leg. R. Calvo

***Lasioglossum minutissimum* (KIRBY 1802)**

HOHMANN 1984: 10 sites, 2♂ ♂, 49♀ ♀

***Lasioglossum nitidulum hammi* (SAUNDERS 1904)**

Balearic endemic

HOHMANN 1984: 12 sites, 25♂ ♂, 43♀ ♀

ERLANDSSON 1979: San Antonio, 5-23.vii.1966, 3♂ ♂, 1♀

Es Codolar, PN Ses Salines, 4.ix.2012, 1♀, leg. R. Calvo

***Lasioglossum subhirtum* (LEPELETIER 1841)**

HOHMANN 1984: 7 sites, 3♂ ♂, 18♀ ♀

***Lasioglossum villosulum* (KIRBY 1802)**

ERLANDSSON 1979: San Antonio, 21.vii.1966, 1♂

HOHMANN 1984: 18 sites, 59♂ ♂, 154♀ ♀

***Sphecodes albilabris rubripes* SPINOLA 1838**

HOHMANN 1984: Platja d'es Codolar, 15.iii, 1♀

***Sphecodes ruficrus* (ERICHSON 1835)**

HOHMANN 1984: 10 sites, 9♂ ♂, 18♀ ♀

***Melitta haemorrhoidalis* (FABRICIUS 1775)**

HOHMANN 1984: road Ibiza town-Portinatx, 19.vii, 1♀

***Hoplitis adunca* (PANZER 1798)**

HOHMANN 1984: Platja d'En Bossa, 24.iv, 13♂ ♂, 6♀ ♀

Santa Eulalia, 17.v.2000, 2♀ ♀, det. Baldock, leg. J. Burn

***Osmia latreillei iberoafricana* PETERS 1975**

HOHMANN 1984: 11 sites, 44 ♂♂, 42 ♀♀

***Osmia niveata* (FABRICIUS 1804)**

HOHMANN 1984: (as *O. fulviventris* PANZER) 4 sites, 5 ♂♂, 13 ♀♀

***Osmia submicans* MORAWITZ 1866**

HOHMANN 1984: 5 sites, 3 ♂♂, 9 ♀♀

***Rhodanthidium infuscatum* (ERICHSON 1835)**

HOHMANN 1984: C'an Negre, 28.6, 1 ♂

***Dioxys cincta* (JURINE 1807)**

HOHMANN 1984: (FRIESE 1895)

***Megachile apicalis* SPINOLA 1808**

HOHMANN 1984: 2 sites, 3 ♂♂, 15 ♀♀

***Megachile concinna* SMITH 1879**

HOHMANN 1984: 3 sites, 1 ♂, 4 ♀♀

***Megachile leachella* CURTIS 1828**

Santa Eulalia, 17.v.2000, 1 ♀, det. Le Goff, leg. J. Burn

***Megachile pilidens* ALFKEN 1924**

HOHMANN 1984: 16 sites, 15 ♂♂, 62 ♀♀  
Near Airport, 27.v.2000, 2 ♀♀, det. Le Goff leg. J. Burn  
Airport, 30.viii.2012, 1 ♀, leg. R. Calvo

***Megachile (Chalicodoma) sicula balearica* TKALCŮ 1977**

HOHMANN 1984: 6 sites, 10 ♂♂, 17 ♀♀

***Nomada flavoguttata* (KIRBY 1802)**

HOHMANN 1984: 3 sites, 3 ♂♂

***Xylocopa violacea* (LINNAEUS 1758)**

HOHMANN 1984: Ibiza town, 6 ♀♀  
Ca'n Pou, 4.iii.2012, 1 ♀, leg. R. Calvo



***Eucera elongatula* VACHAL 1907**

HOHMANN 1984: 20 sites, 69 ♂♂, 149 ♀♀

***Eucera nigrilabris* LEPELETIER 1841**

HOHMANN 1984: 5 sites, 1 ♂, 38 ♀♀

***Eucera numida balearica* TKALCŮ 1977**

Balearic endemic subspecies

HOHMANN 1984: Platja d'es Codolar, 27.iii, 3 ♀♀

***Amegilla albigena* (LEPELETIER 1841)**

HOHMANN 1984: Puig de Ca's Serres, 11.vii, 1 ♂, 2 ♀♀

***Amegilla quadrifasciata* (VILLERS 1789)**

HOHMANN 1984: 9 sites, 19 ♂♂, 22 ♀♀

Santa Eulalia, 19.v.2000, 1 ♀, det. Baldock, leg. J. Burn

***Amegilla savignyi* (LEPELETIER 1841)**

HOHMANN 1984: (as *A. magnilabris* (FEDTSCHENKO 1875)) Platja d'es Codolar, 11.vii, 1 ♂, 2 ♀♀

***Anthophora balearica* (FRIESE 1896)**

HOHMANN 1984: 14 sites, 12 ♂♂, 41 ♀♀

***Anthophora canescens* BRULLE 1832**

HOHMANN 1984: Patja d'es Codolar, 15-27.iii, 4 ♀♀

***Anthophora hispanica* (FABRICIUS 1787)**

HOHMANN 1984: 6 sites, 16 ♂♂, 3 ♀♀

Ca'n Pou, 4.iii.2012, 1 ♂, det. Le Goff, leg. R. Calvo

***Anthophora leucophaea* PÉREZ 1879**

Santa Eulalia, 17.v.2000, 1 ♀, det. Le Goff, leg J. Burn

***Anthophora pubescens* (FABRICIUS 1781)**

HOHMANN 1984: 2 sites, 23-24.ix, 3 ♂♂

***Anthophora romandi* DOURS 1869**

PN Ses Salines, Torre es Savinar, 21.i.2012, 1 ♂, det. Le Goff, leg. R. Calvo

***Anthophora senescens* (LEPELETIER 1841)**

HOHMANN 1984: 3 sites, 1 ♂ 2 ♀ ♀

***Melecta duodecimmaculata* (ROSSI 1790)**

HOHMANN 1984: Platja d'es Codolar, 25-27.iii, 6 ♀ ♀

***Melecta guichardi* LIEFTINCK 1980**

HOHMANN 1984: FRIESE 1925 as *M. luctuoso* var. *ebusana* FR.

***Melecta italica* RADOSZKOWSKI 1876**

HOHMANN 1984: LIEFTINCK 1980, Ibiza

***Melecta tuberculata* LIEFTINCK 1980**

HOHMANN 1984: Platja d'es Codolar, 15.iii, 1 ♀

***Melecta leucorhynca* GRIBODO 1893**

HOHMANN 1984: 6 sites 1 ♂, 13 ♀ ♀

***Thyreus histrionicus* ILLIGER 1806**

HOHMANN 1984: 3 sites, 13 ♂ ♂, 3 ♀ ♀  
Near airport, 27.v.2000, 1 ♀, det. Baldock, leg. J. Burn

***Thyreus orbatus* (LEPELETIER 1841)**

HOHMANN 1984: Ibiza. LIEFTINCK 1968

***Thyreus ramosus* (LEPELETIER 1841)**

HOHMANN 1984: Ibiza. LIEFTINCK 1968

***Bombus lapidarius* (LINNAEUS 1758)**

HOHMANN 1984: north of Ibiza town, 1 ♂, 3 ♀ ♀

***Bombus terrestris lusitanicus* KRUGER 1956**

HOHMANN 1984: 3 sites, 1 ♂, 3 ♀ ♀  
Ca'n Pou, 3.iii.2012, 1 ♀, leg. R. Calvo

**Menorca**

***Holopyga fervida* (FABRICIUS 1781)**

Menorca, v.2005, 1 ♀; vi.2006, 1 ♂, det. Rosa, leg. B. Padrón

***Mutilla quinquemaculata* CYRILLO 1787**

SAUNDERS 1901: Menorca, 6.iv.1900, 1 ♀

***Nemka viduata viduata* (PALLAS 1773)**

PETERSEN 1988: (as *Smicromyrme* v. *viduata* PALLAS) Menorca  
Punta Prima, 2.ix.2000, 1 ♂, det. Baldock, leg. J. Burn

***Dasyscolia ciliata* (FABRICIUS 1787)**

SAUNDERS 1901: Menorca, Maó, 1900

***Megascolia bidens* (LINNÉ 1767)**

MINGO & COMPTE 1963: Mahon, 23.vi. 2 ♂ ♂ (Vidal)

***Anospilus orbitalis luctigera* (COSTA 1886)**

Punta Prima, 1.ix.2000, 2 ♀ ♀, det. Wahis, leg. J. Burn  
Biniancolla, 29.viii.2000, 1 ♀, det. Wahis, leg. J. Burn

***Arachnospila poultoni* SAUNDERS 1904**

Punta Prima, 1-2.ix.2000, 2 ♀ ♀, det. Baldock, leg. J. Burn

***Entomobora fuscipennis* (Vander LINDEN 1827)**

Punta Prima, 8.ix.2000, 4 ♀ ♀, det. Wahis, leg. J. Burn  
1.vi.2006, 1 ♀, det. Wahis, leg. B. Padrón

***Entomobora plicata* (COSTA 1883)**

Punta Prima, 4.ix.2000, 3 ♀ ♀, det. Wahis, leg. J. Burn

***Ancistrocerus gazella* (PANZER 1798)**

Punta Prima, 7.ix.2000, 1 ♀, det. Baldock, leg. J. Burn

***Euodynerus minoricensis* SANZA, CASTRO & GAYUBO 2003**

Endemic to Menorca

***Eumenes dubius* SAUSSURE 1852**

Punta Prima, 1.ix.2000, 1 ♀, det. M. Archer, leg. J. Burn

***Leptochilus duplicatus* (KLUG 1835)**

Punta Prima, 1-2.ix.2000, 2 ♂ ♂; Biniancolla, 29.viii.2000, 1 ♂, all det. M. Archer, leg. J. Burn

***Polistes dominula* (CHRIST 1791)**

Punta Prima, 7.ix.2000, 1 ♀, det. M. Archer, leg. J. Burn

***Polistes gallicus* (LINNÉ 1767)**

Punta Prima, 7.ix.2000, det. M. Archer, leg. J. Burn

Biniancolla, 29.viii.2000, det. M. Archer, leg. J. Burn

***Dolichurus haemorrhous* COSTA 1886**

Punta Prima, 8.ix.2000, 1 ♀, det. Baldock, leg. J. Burn

***Sceliphron spirifex* (LINNAEUS 1758)**

SAUNDERS 1901: Menorca, 1 ♂, 1 ♀

Punta Prima, 8.ix.2000, 1 ♀, det. Baldock, leg. J. Burn

***Podalonia tydei* (Le GUILLOU 1841)**

Punta Prima, 5.ix.2000, 1 ♂, 1 ♀, det. Baldock, leg. J. Burn

***Oxybelus mucronatus* (FABRICIUS 1793)**

Punta Prima, 1.ix.2000, 2 ♂ ♂, det. Baldock, leg. J. Burn

***Bembix oculata* PANZER 1801**

Punta Prima, 9.ix.2000, 1 ♀, det. Baldock, leg. J. Burn

***Osmia caeruleascens* (LINNAEUS 1758)**

SAUNDERS 1901: Menorca, 6-14.iv.1900, 2 ♂ ♂

***Osmia latreillei iberoafricana* PETERS 1975**

SAUNDERS 1901: Menorca, 6.iv.1900

***Osmia ligurica* MORAWITZ 1868**

Menorca, 2007, 1 ♀, det. Mueller, leg. B. Padrón

***Osmia signata* ERICHSON 1835**

Menorca, 2007, 1 ♀, det. Mueller

***Osmia submicans* MORAWITZ 1870**

SAUNDERS 1901: Menorca, 6.iv.1900

***Dioxys cincta* (JURINE 1807)**

SAUNDERS 1902: Menorca, Sant Cristòfol, 6-14.iv.1900, 2♀ ♀

***Megachile (Chalicodoma) sicula* FRIESE 1896**

SAUNDERS 1901: Menorca, Maó, 6.iv.1900, 22♂ ♂, 15♀ ♀

***Epeolus fallax* MORAWITZ 1872**

Punta Prima, 1.ix.2000, 1♂, det. Schwarz, leg. J. Burn

***Eucera numida balearica* TKALCŮ 1977**

Balearic endemic subspecies

SAUNDERS 1901: Menorca, Maó, 6.iv.1900, 1♀, leg. M. Hernández

***Eucera oraniensis* LEPELETIER 1841**

SAUNDERS 1901: as *Eucera grisea* (FABRICIUS); Menorca, Talaiot, 6.iv.1900, 1♀

***Amegilla quadrifasciata* (VILLERS 1789)**

SAUNDERS 1901: Menorca, 1900, 5♀ ♀,

***Anthophora subterranea* GERMAR 1825**

SAUNDERS 1901: (as *Podalirius nigrocinctus* LEP.) Talayot of Trepuco, 6.iv.1900, 2♀ ♀

***Thyreus histrionicus* ILLIGER 1806**

Punta Prima, 1.ix.2000, 1♂, 2♀ ♀, det. Baldock, leg. J. Burn

**Wrongly identified or requiring confirmation**

***Andrena impunctata* PÉREZ 1895**

Mainly Mediterranean

S'Albufera, Son Bosc, 31.v-21.vi.2007, 4♀ ♀, leg. A.Traveset, det. D.Gibbs, all on *Daucus carota*

***Halictus pulvereus* MORAWITZ 1874**

Misidentification for *H. vestitus* ??

SAUNDERS 1904: Palma near Porto Pi, 10-12.vii.1901, 2♂ ♂ 1♀; Castell de Bellver, 11.vii.1901, 7♂ ♂, 1♀

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