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Título: Catálogo de los Díptera de España, Portugal y Andorra (Insecta)

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Portada: Díptero imaginario: Cabeza (Nematocera):

Tipula maxima Poda; tórax y alas

(Orthorrhapha): *Rhagio scolopaceus*

(Linnaeus); abdomen (Cyclorrhapha):

Cylindromyia brassicaria (Fabricius); patas

anteriores (Nematocera): *Bibio marci*

(Linnaeus); patas medias (Orthorrhapha):

Asilus crabroniformis Linnaeus; patas

posteriores (Cyclorrhapha): *Micropeza*

corrigiolata (Linnaeus).

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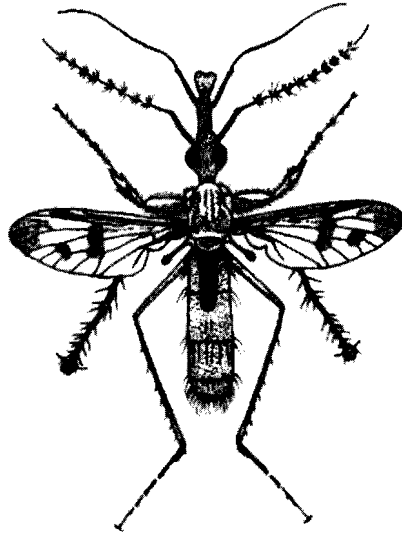
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**Catálogo de los Díptera de España, Portugal
y Andorra (Insecta)**

**Miguel Carles-Tolrá Hjorth-Andersen
(coordinador)**

MONOGRAFÍAS SEA, vol. 8

ZARAGOZA, 2002

Tabla 1. Número total de especies por grupo, país y área geográfica.
Tabela 1. Número total de espécies por grupo, país e área geográfica.
Table 1. Total number of species by group, country and geographical area.

Abreviaturas: ESPAÑA: E: España peninsular; b: Baleares; c: Canarias; PORTUGAL: P: Portugal peninsular; a: Azores; m: Madeira; A: ANDORRA; Iber: Ibéricas; lbba: Iberobaleares; Mac: Macaronésicas; Eur: Europeas; Pal: Paleárticas; Mun: Mundiales

	ESPAÑA				PORTUGAL				A	Iber	lbba	Mac	Eur	Pal	Mun
	Total	E	b	c	Total	P	a	m							
Nematocera	1873	1704	119	300	730	592	81	150	234	1843	1859	391	6660	12537	48648
Orthorrhapha	1253	1108	54	170	285	217	41	38	57	1134	1144	226	3243	7610	29948
Cyclorrhapha	3307	2988	386	676	926	666	262	301	601	3129	3181	839	7537	14552	53515
Aschiza	653	597	84	100	221	196	38	43	52	636	642	127	1612	3034	9899
Schizophora	2654	2391	302	576	705	470	224	258	549	2493	2539	712	5925	11518	43616
Acalypratae	1381	1197	177	368	357	178	154	167	305	1268	1303	459	3297	5734	23537
Calypratae	1273	1194	125	208	348	292	70	91	244	1225	1236	253	2628	5784	20079
Totales	6433	5800	559	1146	1941	1475	384	489	892	6106	6184	1456	17440	34699	132111

Tabla 2. Comparación del número total de especies, en orden decreciente, por país y área geográfica.
Tabela 2. Comparação do número total de espécies, por ordem decrescente, por país e área geográfica.
Table 2. Comparison of the total number of species, in decreasing order, by country and geographical area.

ÁREA GEOGRÁFICA	ESPECIES
Alemania	9183
Checoslovaquia	7640
Chequia	6675
Gran Bretaña	6668
Polonia	6620
Italia	6552
Eslovaquia	6498
España	6433
Iberobaleares	6184
Ibéricas	6106
Suiza	6088
España peninsular	5800
Finlandia	4852
Bélgica	4474
Dinamarca	4361
Irlanda	2832
Lituania	2283
Portugal	1941
Portugal peninsular	1475
Macaronésicas	1456
Canarias	1146
Andorra	892
Baleares	559
Madeira	489
Azores	384

Tabla 3. Comparación del número total de especies por país y área geográfica, en orden alfabético.
Tabela 3. Comparação do número total de espécies por país e área geográfica, por ordem alfabética.
Table 3. Comparison of the total number of species by country and geographical area, in alphabetical order.

ÁREA GEOGRÁFICA	ESPECIES
Alemania	9183
Andorra	892
Azores	384
Baleares	559
Bélgica	4474
Canarias	1146
Checoslovaquia	7640
Chequia	6675
Dinamarca	4361
Eslovaquia	6498
España	6433
España peninsular	5800
Finlandia	4852
Gran Bretaña	6668
Ibéricas	6106
Iberobaleares	6184
Irlanda	2832
Italia	6552
Lituania	2283
Macaronésicas	1456
Madeira	489
Polonia	6620
Portugal	1941
Portugal peninsular	1475
Suiza	6088

Suborden / Subordem / Suborder

NEMATOCERA

Tabla 4. Número total de especies por familia, país y área geográfica.
 Tabela 4. Número total de espécies por família, país e área geográfica.
 Table 4. Total number of species by family, country and geographical area.

Abreviaturas: ESPAÑA: E: España peninsular; b: Baleares; c: Canarias; PORTUGAL: P: Portugal peninsular; a: Azores; m: Madeira; A: ANDORRA; Iber: Ibéricas; Ibba: Iberobaleares; Mac: Macaronésicas; Eur: Europeas; Pal: Paleárticas; Mun: Mundiales

NEMATOCERA	ESPAÑA				PORTUGAL				A	Iber	Ibba	Mac	Eur	Pal	Mun
	Total	E	b	c	Total	P	a	m							
Anisopodidae	3	2	0	1	2	1	1	2	4	4	4	3	9	13	100
Bibionidae	24	20	4	4	10	8	0	2	9	22	22	6	40	120	700
Blephariceridae	10	10	0	0	3	3	0	0	2	11	11	0	57	109	308
Bolitophiliidae	9	9	0	0	2	2	0	1	2	9	9	1	33	38	65
Cecidomyiidae	229	221	25	3	122	120	0	2	29	260	265	5	1650	2900	5500
Ceratopogonidae	193	153	2	55	47	42	5	2	44	174	174	57	500	1000	5365
Chaoboridae	2	2	0	0	0	0	0	0	0	2	2	0	9	15	90
Chironomidae	482	461	22	71	236	202	26	47	21	480	481	85	1000	1400	4000
Culicidae	63	60	9	11	43	39	3	6	0	60	60	13	99	202	3209
Cylindrotomidae	1	1	0	0	0	0	0	0	0	1	1	0	6	25	70
Diadocidiidae	1	1	0	0	0	0	0	0	1	2	2	0	5	8	11
Ditomyiidae	1	1	0	0	0	0	0	0	0	1	1	0	4	19	90
Dixidae	8	7	0	1	2	0	1	1	3	9	9	2	40	60	600
Keroplastidae	33	30	4	5	8	4	3	1	10	36	36	8	85	155	850
Limoniidae	110	89	4	24	26	11	9	11	13	97	98	31	530	1500	10500
Mycetobiidae	1	1	0	0	0	0	0	0	0	1	1	0	4	15	22
Mycetophiliidae	231	212	12	39	95	67	9	38	7	225	227	69	820	1280	3500
Pediciidae	9	9	0	0	0	0	0	0	4	10	10	0	55	200	500
Psychodidae	84	69	7	25	24	10	7	14	3	71	71	32	367	570	4700
Ptychopteridae	2	2	0	0	0	0	0	0	0	2	2	0	16	29	64
Scatopsidae	20	18	2	5	3	2	1	2	9	21	21	6	90	110	350
Sciaridae	144	129	11	38	31	15	13	10	4	132	132	45	500	836	1850
Simuliidae	51	47	4	7	33	32	1	2	19	49	50	9	160	500	1760
Thaumaleidae	12	10	1	1	1	0	0	1	4	11	12	2	80	100	300
Tipulidae	145	135	12	8	40	33	1	7	38	143	148	15	450	1250	4000
Trichoceridae	5	5	0	2	2	1	1	1	8	10	10	2	51	83	144
26	1873	1704	119	300	730	592	81	150	234	1843	1859	391	6640	12537	48648
Familias	26	26	14	17	19	17	14	18	20	26	26	18			

BOLITOPHILIDAE**NEMATOCERA****Peter CHANDLER** (Dípteros iberobaleares)**Marcos BÁEZ** (Dípteros macaronésicos)

España	9	E peninsular	9	b Baleares	0	c Canarias	0
Portugal	2	P peninsular	2	a Azores	0	m Madeira	1
Andorra (A)	4						

Bolitophila Meigen, 1818*(Bolitophila* Meigen, 1818)E - - - - - *cinerea* Meigen, 1818E - - P - m A *saundersii* (Curtis, 1836)E - - - - - *spinigera* Edwards, 1925 (1)E - - - - - *tenella* Winnertz, 1863 (2)*(Cliopisa* Enderlein, 1936)E - - - - - *dubia* Siebke, 1863 (3)E - - - - - *hybrida* (Meigen, 1804)E - - - - - *maculipennis* Walker, 1836
= *coronata* Mayer, 1951E - - - - - *modesta* Lackschewitz, 1937 (4)E - - P - - A *pseudohybrida* Landrock, 1912**REMARKS**

- Bolitophila spinigera* Edwards, 1925
Spain: Zaragoza: Sierra de Moncayo, Fuente de la Teja, 23.x.1978, leg. P.J. Chandler.
- Bolitophila tenella* Winnertz, 1863
Spain: Gerona: Ribas de Freser, 17.x.1978, leg. P.J. Chandler.
Huesca: near Anialarra, 29.v.1975, leg. A.E. Stubbs.
- Bolitophila dubia* Siebke, 1863
Spain: Huesca: near Anialarra, 29.vi.1975, leg. A.E. Stubbs.
- Bolitophila modesta* Lackschewitz, 1937
Spain: Gerona: near La Molina, 17.x.1978, leg. P.J. Chandler.

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- España:** BURGHELE- BALACESCO (1966), CHANDLER (1999a), CHANDLER & BLASCO-ZUMETA (2000), PLASSMANN & SCHACHT (1990), STROBL (1900a-e).
- Portugal:** RIBEIRO (1990a, 1991b, 1992), TOLLET (1948).
- Andorra:** CARLES-TOLRÀ (2001i).
- Canaries, Azores y Madeira:** CHANDLER & RIBEIRO (1995).

DIADOCIDIIDAE

NEMATOCERA

Peter CHANDLER

1	E peninsular	1	b Baleares	0	c Canarias	0
0	P peninsular	0	a Azores	0	m Madeira	0
1	Andorra (A)					

Diadocidia Ruthe, 1831

(*Diadocidia* Ruthe, 1831)

E - - - - - *ferruginosa* (Meigen, 1830) (1)

- - - - - A *spinosula* Tollet, 1948

REMARKS

1 *Diadocidia ferruginosa* (Meigen, 1830)

Although Strobl (1900) recorded only the female, when other European species were not known, a male of *D. ferruginosa* has been examined from Spain: Santander: near Barcena, Rio Deva, 17.vi.1980, leg. P.J. Chandler.

BIBLIOGRAFIA

España: STROBL (1900a-e).

Andorra: CARLES-TOLRÁ (2001i).

DITOMYIIDAE

NEMATOCERA

Peter CHANDLER

España	1	E peninsular	1	b Baleares	0	c Canarias	0	
Portugal	0	P peninsular	0	a Azores	0	m Madeira	0	
Andorra (A)	0							

Symmerus Walker, 1848E - - - - - *annulatus* (Meigen, 1830) (1)

REMARKS

1 *Symmerus annulatus* (Meigen, 1830)

Spain: Huesca: Ordesa National Park, 3.vii.1973, leg. P.S. Cranston, BMNH; Canfranc, 6.vii.1975, leg. A.E. Stubbs and 22.vi.1980, leg. P.J. Chandler. Santander: near Cosgaya and east of Pesaguero, both 18.vi.1980, leg. P.J. Chandler.

New family to the Iberian Peninsula.

MYCETOPHILIDAE

NEMATOCERA

Peter CHANDLER (Dípteros ibero baleares)

Marcos BÁEZ (Dípteros macaronésicos)

España	211	E peninsular	212	b Baleares	12	c Canarias	39
Portugal	95	P peninsular	67	a Azores	9	m Madeira	38
Andorra (A)	7						

GNORISTINAE

Apolephthisa Grzegorzek, 1885

E - - - - - *subincana* (Curtis, 1837)

Boletina Staeger, 1840 (1)

E - - - - - *augusta* Chandler & Blasco-Zumeta, 2001

E - - - - - *basalis* (Meigen, 1818) (2)

E - - P - - - *digitata* Lundström, 1914

E - - - - - *dispecta* Dziedzicki, 1885

E - c P - - - *gripha* Dziedzicki, 1885

E - - - - - *lundstroemi* Landrock, 1912

- - - - - m - *nigravena* Chandler & Ribeiro, 1995

E - - - - - *nitida* Grzegorzek, 1885 (3)

E - - - - - *sciarina* Staeger, 1840

E - - - - - *trivittata* (Meigen, 1818)

Coelosia Winnertz, 1863 (4)

E - - - - - *flava* (Staeger, 1840)

E - c P - - - *fusca* Bezzi, 1892
= *silvatica* Landrock, 1918

E - - - - - *truncata* Lundström, 1909

Ectrepesthoneura Enderlein, 1911

E - - P - - - *gracilis* Edwards, 1928 (5)

Gnoriste Meigen, 1818

E - - - - - *apicalis* Meigen, 1818

Synapha Meigen, 1818

E - - P - - - *fasciata* Meigen, 1818 (6)

Sytemna Winnertz, 1863

E - - - - - *setigera* (Lundström, 1914)

LEIINAE

Docosia Winnertz, 1863 (7)

- - c - - - - *canaripes* Chandler & Ribeiro, 1995

E - - - - - *carbonaria* Edwards, 1941

E - c - - - - *fuerteventurae* Chandler & Ribeiro, 1995

E - - - - - *fuscipes* (von Roser, 1840)

E - - P - m - *gilvipes* (Haliday in Walker, 1856)

E - - - - - *helveola* Chandler, 1994

E - - - - - *moravica* Landrock, 1916

E - - - - - *morionella* Mik, 1884

E - - - - - *pallipes* Edwards, 1941

E - - - - - *setosa* Landrock, 1916

E - - - - - *similis* Landrock, 1928 (8)

Greenomyia Brunetti, 1912

- - c - - - - *lucida* (Becker, 1908)

Leia Meigen, 1818 (9)

- - c - a m - *arsona* Hutson, 1978
= *fasciata* Storå, 1937

E - c - - - - *beckeri* Landrock, 1940

E b - P - - - *bimaculata* (Meigen, 1804)

E - - - - - *cylindrica* (Winnertz, 1863) (10)

- - - - - *A. fascipennis* Meigen, 1818 (11)

E - - - - - *subtrifasciata* (Strobl, 1906)

Megophthalmidia Dziedzicki, 1889

E - - - - - *crassicornis* (Curtis, 1837)

- - c - - - - *decora* (Santos Abréu, 1920)

Novakia Strobl, 1893

E - - - - - *scatopsiformis* Strobl, 1893 (12)

E - - - - - *simillima* Strobl, 1910

Rondaniella Johannsen, 1909

E - - - - - *dimidiata* (Meigen, 1804) (13)

MYCETOPHILINAE

Allodia Winnertz, 1863

(*Allodia* Winnertz, 1863)

E - - P - - - *lugens* (Wiedemann, 1817)

- - c P - m - *ornaticollis* (Meigen, 1818)

(*Brachycampta* Winnertz, 1863)

E - - - - - *alternans* (Zetterstedt, [1838]) (14)

E - - - - - *grata* (Meigen, 1830) (15)

E - - - - m - *pistillata* (Lundström, 1911)

Allodiopsis Tuomikoski, 1966

E - - - - - *domestica* (Meigen, 1830)

E - - P - - - *rustica* (Edwards, 1941)

Anatella Winnertz, 1863

- - - - - m - *atlanticiliata* Chandler & Ribeiro, 1995

- - - P - - - *ciliata* Winnertz, 1863

E - - - - - *concava* Plassmann, 1990 (16)

Brevicornu Marshall, 1896 (17)

E - - - - - *auriculatum* (Edwards, 1925) (18)

E - - - - - *fissicauda* (Lundström, 1911)

E - c - a m - *griseicollis* (Staeger, 1840)

E - - - - - *griseolum* (Zetterstedt, 1852)

E b c - - m - *intermedium* (Santos Abréu, 1920)

E - - - - - *serenum* (Winnertz, 1863) (19)

E b - P - m - *sericoma* (Meigen, 1830) (20)

E - - - - - *subfissicauda* Zaitzev, 1985

E - c - - m - *verralli* (Edwards, 1925) (21)

Cordyla Meigen, 1803

E - - P - - - *brevicornis* (Staeger, 1840)

E - - - - m - *crassicornis* Meigen, 1818

E - - - - - *fasciata* Meigen, 1830 (22)

E - - - - - *fissa* Edwards, 1925

E - - P - - - *fusca* Meigen, 1804

E - - - - - *mongreensis* Chandler & Blasco-Zumeta, 2001

E - - - - m - *murina* Winnertz, 1863 (23)

E - - P - - - *nitidula* Edwards, 1925

E - c P - - - *styliforceps* (Bukowski, 1934)

***Dynatosoma* Winnertz, 1863**

- E - - - - - *majus* Landrock, 1912 (24)
 E - - - - - *reciprocum* (Walker, 1848) (25)

***Epicypta* Winnertz, 1863**

- E - - - - - *aterrima* (Zetterstedt, 1852)
 E - - - - - *torquata* Matile, 1977

***Exechia* Winnertz, 1863**

- - - - a - - *atlantis* Storå, 1945
 E - - P - m - *bicincta* (Staeger, 1840) (26)
 - - - - a - - *brinckiana* Nielsen, 1966
 E - - P - - - *cincta* Winnertz, 1863 (27)
 - - - - m - *cinctiformis* Storå, 1941
 E - - - - - *confinis* Winnertz, 1863
 E - - P - - - *dorsalis* (Staeger, 1840)
 E - - - - - *exigua* Lundström, 1909 (28)
 E - - - - - *festiva* Winnertz, 1863
 E - c P - - - *fulva* Santos Abréu, 1920
 = *peyerimhoffi* Burghel-Balancesco, 1967
 E - c P - m - *fusca* (Meigen, 1804)
 E - - - - - *parvula* (Zetterstedt, 1852) (29)
 E - - P - - - *separata* Lundström, 1912
 E - - P - - - *seriata* (Meigen, 1830) (30)
 E - - P - - - *spinuligera* Lundström, 1912

Exechiopsis* Tuomikoski, 1966(Exechiopsis* Tuomikoski, 1966)

- E - - P - - - *coremura* (Edwards, 1928)
 - - c - - - - *corona* Chandler & Ribeiro, 1995
 - - - P - - - *dryaspagensis* Chandler, 1977
 E - - P - - - *indecisa* (Walker, 1856)
 E - - - - - *intersecta* (Meigen, 1818) (31)
 E - - - - - *jenkinsoni* (Edwards, 1925)
 - - - P - - - *ligulata* (Lundström, 1913)
 E - - - - - *magnicauda* (Lundström, 1911) (32)
 E - - - - - *pseudindecisa* Lastovka & Matile, 1974
 E - - - - - *subulata* (Winnertz, 1863) (33)
 E - - P - - - *unguiculata* (Lundström, 1911)
 E - - - - - *vizzavonensis* (Edwards, 1928)

(Xenexechia Tuomikoski, 1966) (34)

- E - - - - - *pollicata* (Edwards, 1925)

***Mycetophila* Meigen, 1803**

- E - - P - - - *alea* Laffoon, 1965
 - - - a - - - *atlantica* Nielsen, 1966
 E - - - - - *bialorussica* Dziedzicki, 1884 (35)
 E - - P - m - *blanda* Winnertz, 1863 (36)
 E - - P a m - *britannica* Lastovka & Kidd, 1975
 E - - - - - *confluens* Dziedzicki, 1884
 E - - - - - *curviseta* Lundström, 1911
 E - - - - - *disparata* Plassmann & Schacht, 1990
 E - c - - m - *edwardsi* Lundström, 1913
 E - - - - - *evanida* Lastovka, 1972
 E - - - - - *formosa* Lundström, 1911
 E - - - - - *fraterna* Winnertz, 1863
 E - - P - - - *fungorum* (De Geer, 1776)
 E - - - - - *gibbula* Edwards, 1925
 E - - - - - *gratiosa* Winnertz, 1863
 E - - - - - *hetchkoi* Landrock, 1918 (37)
 E - - - - - *hyrcania* Laštovka & Matile, 1969
 E - - - - - *ichneumonea* Say, 1823 (38)
 E - - P - - - *luctuosa* Meigen, 1830
 - - - - m - *madocella* Chandler & Ribeiro, 1995
 E - - P - - - *marginata* Winnertz, 1863
 E - - - - - *morosa* Winnertz, 1863 (39)
 E - - - - - *nigrofusca* Dziedzicki, 1884 (40)
 - - - - m - *nigromadera* Chandler & Ribeiro, 1995
 E - - - - - *occultans* Lundström, 1913

- E - c P - m - *ocellus* Walker, 1848
 E - - - - - *ornata* Stephens, 1846 (41)
 - - c - - - - *parvifasciata* Santos Abréu, 1920
 E - - P - m - *perpallida* Chandler, 1993
 E b - P - m - *pictula* Meigen, 1830 (42)
 E - c - - m - *pumila* Winnertz, 1863
 E - - P - - - *ruficollis* Meigen, 1818
 E - - - - - *scotica* Edwards, 1941 (43)
 E - - - - - *sigillata* Dziedzicki, 1884 (44)
 E - - - - - *signata* Meigen, 1830 (45)
 E - - P - - - *signatoides* Dziedzicki, 1884
 = *assimilis* Matile, 1967
 E - - - - - *sordida* van der Wulp, 1874
 E b - P - - - *spectabilis* Winnertz, 1863 (46)
 E - - - - - *stolida* Walker, 1856 (47)
 - - - a - - - *storai* Chandler & Ribeiro, 1995
 E - - - - - *strigata* Staeger, 1840 (48)
 E - - - - - *strigatoides* (Landrock, 1927)
 = *pseudoquadroides* Matile, 1967
 E - - - - - *strobli* Laštovka, 1972
 - - c - - - m - *suffusala* Chandler & Ribeiro, 1995
 E - - - - - m - *trinotata* Staeger, 1840
 E - - - - - *uliginosa* Chandler, 1988 (49)
 E - c - - - - *unicolor* Stannius, 1831 (50)
 E - - - - - A *unipunctata* Meigen, 1818 (51)
 E - c - - - - A *vittipes* Zetterstedt, 1852 (52)
 E - - - - - *xanthopyga* Winnertz, 1863

***Notolopha* Tuomikoski, 1966**

- E - - - - - *cristata* (Staeger, 1840) (53)

***Phronia* Winnertz, 1863**

- - c - - - - *abbreviata* (Becker, 1908)
 E b - P - - - *basalis* Winnertz, 1863
 E - c P - m - *biarcuata* (Becker, 1908)
 E - - P - - - *cinerascens* Winnertz, 1863
 E - - - - - *conformis* (Walker, 1856)
 E - - - - - *coritanica* Chandler, 1992 (54)
 E - - P - m - *exigua* (Zetterstedt, 1852) (55)
 - - - P - - - *flavipes* Winnertz, 1863
 E - - - - - *forcipata* Winnertz, 1863 (56)
 E - - - - - *forcipula* Winnertz, 1863
 E - - P - - - *humeralis* Winnertz, 1863 (57)
 - - - - m - *maderina* Chandler & Ribeiro, 1995
 - - - - m - *maderopulchra* Chandler & Ribeiro, 1995
 - - - P - - - *nigricornis* (Zetterstedt, 1852)
 E - - P - m - *nitidiventris* (van der Wulp, 1859)
 - b - - - - - *petulans* Dziedzicki, 1889 (58)
 E - - - - - *signata* Winnertz, 1863
 E b - P - - - *tenuis* Winnertz, 1863 (59)
 E - - - - - *tyrrhenica* Edwards, 1928 (60)
 E - - - - - *willistoni* Dziedzicki, 1889

***Platurocypta* Enderlein, 1910**

- E - - - - m - *punctum* (Stannius, 1831) (61)

***Pseudexechia* Tuomikoski, 1966**

- E - - - - - *latevittata* Chandler & Blasco-Zumeta, 2001
 E - - P - - - *trisignata* (Edwards, 1913)
 E - c P - m - *trivittata* (Staeger, 1840) (62)

***Pseudobrachypeza* Tuomikoski, 1966**

- E - - - - - *helvetica* (Walker, 1856) (63)

***Rymosia* Winnertz, 1863 (64)**

- E b - P - - - *affinis* Winnertz, 1863
 - - - a - - - *azorensis* Chandler & Ribeiro, 1995
 E - - P - - - *beaucourmui* Matile, 1963
 E - - P - - - *fasciata* (Meigen, 1804) (65)
 - - - - m - *lauricola* Chandler & Ribeiro, 1995

- - - - - A *lundstroemi* Dziedzicki, 1910 (66)
- - - - - m - *maderensis* Storå, 1941
- E - - P - - - *pseudocretensis* Burghel-Balacesco, 1967
- - c - - - - *santosi* Chandler & Ribeiro, 1995
- - c - - - - *scopulosa* Becker, 1908
- E - c P - m - *spinipes* Winnertz, 1863
- - c - - - - *tenuivittata* Santos Abréu, 1920

Sceptonia Winnertz, 1863

- E - - - - - *costata* (van der Wulp, 1859) (67)
- - - P - - - *cryptocauda* Chandler, 1991
- E - - - - - *flavipuncta* Edwards, 1925
- E - - - - - *intestata* Plassmann & Schacht, 1990
- E - - - - - *membranacea* Edwards, 1925
- E - - - - - A *nigra* (Meigen, 1804) (68)

Stigmatomeria Tuomikoski, 1966

- E - - - - - *crassicornis* (Stannius, 1831) (69)

Synplasta Skuse, 1890

- E - - - - - *excogitata* (Dziedzicki, 1910) (70)
- E - - - - - *sinteni* (Lackschewitz, 1937) (71)

Tarnania Tuomikoski, 1966

- E b - P - - - *dziedzickii* (Edwards, 1941)
- E - - P - - - *fenestralis* (Meigen, 1818)
- - - P - - - *nemorialis* (Edwards, 1941)

Trichonta Winnertz, 1863

- - c - - - - *apicalis* Strobl, 1898
- E - - - - - *brevicauda* Lundström, 1906
- E - - - - - *clavigera* Lundström, 1913
- E - - - - - *falcata* Lundström, 1911 (72)
- - - a - - - *floresiana* Storå, 1945
- - - P - - - *foeda* Loew, 1869
- E - - - - - *fusca* Landrock, 1918 (73)
- E - - - - - *hamata* Mik, 1880
- E - - - - - *icenica* Edwards, 1925
- - c - - m - *laura* Chandler & Ribeiro, 1995 (74)
- E - - - - - *melanura* (Staeger, 1840)
- E - - - - - *subfusca* Lundström, 1909
- E - - - - - *terminalis* (Walker, 1856)
- E b c - - - - *vitta* (Meigen, 1830)

Zygomomyia Winnertz, 1863

- E - - - - - *humeralis* (Wiedemann, 1817)
- E - - - - - *notata* (Stannius, 1831)
- E - - - - - *pictipennis* (Staeger, 1840)
- E - - - - - *pseudohumeralis* Caspers, 1980
- E - - - - - *semifusca* (Meigen, 1818) (75)
- E - - - - - *valeriae* Chandler, 1991 (76)
- E - c - - - - *valida* Winnertz, 1863
- E - - - - - *vara* (Staeger, 1840) (77)

MYCOMYINAE

Mycomya Rondani, 1856

- (*Cymomya* Väisänen, 1984)
- E - - - - - *circumdata* (Staeger, 1840)

REMARKS

- 1 *Boletina* Staeger, 1840
Boletina analis var. *postposita* Strobl, 1900 and *Boletina sciarina* var. *trebevicensis* Strobl, 1909, both described from Spain, are regarded as nomina dubia, type material not having been revised.
- 2 *Boletina basalis* (Meigen, 1818)
Spain: Palencia: north of Cervera de Pisuerga and Piedras Luengas, 18.vi.1980, leg. P.J. Chandler.

- (*Mycomya* Rondani, 1856) (78)
- E - - - - - *alpina* Matile, 1972 (79)
- E - - - - - *annulata* (Meigen, 1818)
- - c - - - - *canariornata* Chandler & Ribeiro, 1995
- E - - - - - *cinerascens* (Macquart, 1826)
- E - - - - - *festivalis* Väisänen, 1984
- E - - P - - - *flavicollis* (Zetterstedt, 1852) (80)
- E - - - - - *hiisi* Väisänen, 1984
- - - - - A *indistincta* Polevoi, 1995 (81)
- - - - - A *lambi* Edwards, 1941
- E - - - - - *marginata* (Meigen, 1818) (82)
- E - - P - m - *prominens* (Lundström, 1913) (83)
- E - - P - - - *pygmalion* Väisänen, 1984
- - c - - - - *rivalis* Santos Abréu, 1920
- E - - - - - *tenuis* (Walker, 1856)
- E - - - - - *tumida* (Winnertz, 1863)
- E - - - - - *winnertzi* (Dziedzicki, 1885)
- (*Mycomyopsis* Väisänen, 1984)
- E - - P - - - *maura* (Walker, 1856)
- E - - - - - *permixta* Väisänen, 1984

Neoempheria Osten-Sacken, 1878

- E - - - - - *bimaculata* (von Roser, 1840) (84)
- E - - - - - *proxima* (Winnertz, 1863) (85)
- E - - - - - *striata* (Meigen, 1818) (86)

SCIOPHILINAE

Acnemia Winnertz, 1863

- E - - - - - *amoena* Winnertz, 1863
- E - - - - - *nitidicollis* (Meigen, 1818)

Azana Walker, 1856

- (*Azana* Walker, 1856)
- E - - - - - *anomala* (Staeger, 1840)
- E - - - - - *flavohalterata* Strobl in Czerny & Strobl, 1909
- - c - - - - *palmensis* Santos Abréu, 1920

Monoclona Mik, 1886

- E - - - - - *rufilatera* (Walker, 1837) (87)

Polylepta Winnertz, 1863

- E - - - - - *guttiventris* (Zetterstedt, 1852) (88)
- E - - - - - *meridionalis* Bechev, 1990 (89)

Sciophila Meigen, 1818 (90)

- E - - - - - *iberolutea* Chandler & Blasco-Zumeta, 2001 (91)
- b c - - - - *insolita* Santos Abréu, 1920
- E - c P - - - *parviareolata* Santos Abréu, 1920 (92)
- = ? *rubida* Santos Abréu, 1920
- E - - - - - *rufa* Meigen, 1830 (93)

Speolepta Edwards, 1925

- E - - - - - *leptogaster* (Winnertz, 1863)

- 3 *Boletina nitida* Grzegorzec, 1885
Spain: Huesca: Ordesa National Park, 3.vii.1977, P.S. Cranton, BMNH (British Museum of Natural History, London).
- 4 *Coelosia* Winnertz, 1863
The Spanish record by Strobl (1906) of *Coelosia tenella* (Zetterstedt, 1852) requires confirmation.
- 5 *Ectrepesthoneura gracilis* Edwards, 1928
Spain: Barcelona: Vilassar de Dalt, 1-7.i.1995, 12-18.ii.

- 1995, 19–25.xi.1995, leg. J.L. Jara.
- 6 *Synapha fasciata* Meigen, 1818
Portugal: Guarda, Rodeio Grande, viii.1999, J.M. Grosso-Silva.
- 7 *Docosia* Winnertz, 1863
Docosia flavicoxa Strobl, 1900 and *D. nigricoxa* Strobl, 1900 were described from Spain as forms of *D. valida* Winnertz, 1863 (a synonym of *D. sciarina* (Meigen, 1830)) and their identity has not been confirmed. *D. flavicoxa* has been regarded as a good species in an unpublished revision by Petr Laštovka, but Spanish material of this species has not been examined. The record of *D. sciarina* by Strobl (1906) also requires confirmation.
- 8 *Docosia similis* Landrock, 1928
Spain: Burgos: near Oña, by R. Oca, 19.vi.1980, leg. P.J. Chandler. *D. similis* Landrock is a junior primary homonym of *D. similis* Garrett, 1925, a Canadian species.
- 9 *Leia* Meigen, 1818
The record by Strobl (1909) of *Neoglapyroptera unicolor* (Winnertz, 1863) may refer to a species of *Leia* or *Clastobasis*. The record of *Leia subfasciata* (Meigen, 1818) by Strobl (1900) was based on a female and requires confirmation.
- 10 *Leia cylindrica* (Winnertz, 1863)
Spain: Barcelona: Cabriels, 30.vi.1998, leg. M. Carles-Tolrà; Vilassar de Dalt, x–xii.1995, leg. J.L. Jara.
- 11 *Leia fascipennis* Meigen, 1818
Andorra: near Ordino, 7–9.vii.1973, leg. P.S. Cranston, BMNH.
- 12 *Novakia scatopsiformis* Strobl, 1893
Spain: Barcelona: Vilassar de Dalt, vi–vii and ix–xi.1995, leg. J.L. Jara.
- 13 *Rondaniella dimidiata* (Meigen, 1804)
Spain: Barcelona: Sierra de Montseny, west of Santa Fé, 28.ix.1981, leg. H. Malicky.
- 14 *Allodia (Brachycampta) alternans* (Zetterstedt, [1838])
Spain: Huesca: near Anatores, 1.vii.1975, leg. A.E. Stubbs; Canfranc, 17.vi.1980, leg. P.J. Chandler.
- 15 *Allodia (Brachycampta) grata* (Meigen, 1830)
Spain: Santander: near Cosgaya, 18.vi.1980, leg. P.J. Chandler.
- 16 *Anatella concava* Plassmann, 1990
Spain: Jaén: Cazorla National Park, 13.v.1991, leg. A.E. Stubbs.
- 17 *Brevicornu* Marshall, 1896
The Spanish record by Strobl (1900) of *Brachycampta hastata* Winnertz, 1863 may refer to *B. ruficorne* (Meigen, 1838), of which *hastata* is a synonym, but this requires confirmation. The Spanish record of *Brachycampta bicolor* (Macquart) by Strobl (1906) probably also refers to a *Brevicornu* species.
- 18 *Brevicornu auriculatum* (Edwards, 1925)
Spain: Huesca: near Anialarra, 1.vii.1975, leg. A.E. Stubbs.
- 19 *Brevicornu serenum* (Winnertz, 1863)
Spain: Gerona: Las Planas, 12–18.vii.1965, leg. A.M. Hutson, BMNH.
- 20 *Brevicornu sericoma* (Meigen, 1830)
Balearic I.: Mallorca: slopes of Puig Major, 16.v.1978, leg. H. Malicky.
- 21 *Brevicornu verralli* (Edwards, 1925)
Spain: Barcelona: below Ventola, 1.vi.1978, leg. H. Malicky. Huesca: Canfranc, 6.vii.1975 and near Anialarra, 29.vi.1975, leg. A.E. Stubbs. Santander: by R. Deva, 17.vi.1980 and east of Pesaguero, 18.vi.1980, leg. P.J. Chandler. Madeira: several records ix.1997–x.1998, laurisilva project, via D. Aguin Pombo.
- 22 *Cordyla fasciata* Meigen, 1830
Spain: Barcelona: Sierra de Montseny, 20.x.1978, leg. P.J. Chandler; Vilassar de Dalt, 5–11.xi.1995, leg. J.L. Jara.
- 23 *Cordyla murina* Winnertz, 1863
Madeira: 19–20.ii.1998, laurisilva project, via D. Aguin Pombo.
- 24 *Dynatosoma majus* Landrock, 1912
Spain: Huesca: near Anialarra, 29.vi.1975; San Juan de la Peña, 30.vi.1975, leg. A.E. Stubbs.
- 25 *Dynatosoma reciprocum* (Walker, 1848)
Spain: Huesca: near Anialarra, 29.vi.1975, leg. A.E. Stubbs.
- 26 *Exechia bicincta* (Staeger, 1840)
Madeira: 10.x.1998, laurisilva project, via D. Aguin Pombo.
- 27 *Exechia cincta* Winnertz, 1863
Spain: Gerona: Ribas de Freser, 29.x.1978, leg. P.J. Chandler. Santander: Ulda, 29.x.1978 and east of Pesaguero, 18.vi.1980, leg. P.J. Chandler.
- 28 *Exechia exigua* Lundström, 1909
Spain: Gerona: near Vallfogona, 19.x.1978, leg. P.J. Chandler.
- 29 *Exechia parvula* (Zetterstedt, 1852)
Spain: Barcelona: west of Vall Gorguina, 20.x.1978, leg. P.J. Chandler.
- 30 *Exechia seriata* (Meigen, 1830)
Spain: several sites in Barcelona, Gerona, Palencia and Santander provinces, leg. P.J. Chandler. Portugal: Sintra Mts, 13.viii.1977, leg. A.M. Hutson, BMNH.
- 31 *Exechiopsis intersecta* (Meigen, 1818)
Spain: Huesca: San Juan de la Peña, 30.vi.1975, leg. A.E. Stubbs.
- 32 *Exechiopsis magnicauda* (Lundström, 1911)
Spain: Santander, east of Pesaguero, 10.vi.1980, leg. P.J. Chandler.
- 33 *Exechiopsis subulata* (Winnertz, 1863)
Spain: Gerona, Ribas de Freser, 17.x.1978, leg. P.J. Chandler.
- 34 *Exechiopsis (Xenexechia) Tuomikoski*, 1966
Strobl (1900) recorded a female of *E. leptura* (Meigen, 1830) from Spain, but this requires confirmation.
- 35 *Mycetophila bialorusica* Dziedzicki, 1884
Spain: Santander: Ulda, 20.x.1978; Fuente Dé, 25.x., 1978; near Penedes, R. Deva, 25.x.1978 (all leg. P.J. Chandler).
- 36 *Mycetophila blanda* Winnertz, 1863
Spain: Gerona: Collado Santigosa, 6–14.x.1987, leg. J.–P. Haenni, MHNN (Muséum d'Histoire Naturelle, Neuchâtel). Santander: near Balnearia, 24.x.1978, leg. P.J. Chandler. Huesca: Biescas, 21.vi.1980, leg. P.J. Chandler. Madeira: 17–19.xi.1997, laurisilva project, via D. Aguin Pombo.
- 37 *Mycetophila hetschkoii* Landrock, 1918
Spain: Santander: near Cosgaya, 18.vi.1980, leg. P.J. Chandler.
- 38 *Mycetophila ichneumonaea* Say, 1823
Spain: Santander: Fuente Dé, 25.x.1978, leg. P.J. Chandler.
- 39 *Mycetophila morosa* Winnertz, 1863
Spain: Santander: Fuente Dé, 17.vi.1980, leg. P.J. Chandler.
- 40 *Mycetophila nigrofusca* Dziedzicki, 1884
Spain: Santander: Fuente Dé, 25.x.1978, leg. P.J. Chandler. Granada: Pamponiera, 21.v.1991, leg. A.E. Stubbs.
- 41 *Mycetophila ornata* Stephens, 1846
Spain: Granada: Sierra Nevada, near Guéjar, 28.ix.1989, leg. C. Dufour and J.–P. Haenni, MHNN; Guéjar Sierra, v.1991, leg. A.E. Stubbs.
- 42 *Mycetophila pictula* Meigen, 1830
The identity of *Mycetophila pictula* var. *laufferi* Strobl, 1909, described from Spain, requires confirmation.
- 43 *Mycetophila scotica* Edwards, 1941
Spain: Gerona: Ribas de Freser, 17.x.1978, leg. P.J. Chandler. Granada: Guéjar, 18.v.1991, leg. A.E. Stubbs.
- 44 *Mycetophila sigillata* Dziedzicki, 1884
Spain: Barcelona: El Purgatori, 19.x.1978, leg. P.J. Chandler.

- Gerona: Ribas de Freser, 17.x.1978 and near Vallfogona, 19.x.1978, leg. P.J. Chandler. Logroño; Villanueva de Cameros, 21.vi.1980, leg. P.J. Chandler. Santander: Desfilado de la Hermida, 17.vi.1980, leg. P.J. Chandler.
- 45** *Mycetophila signata* Meigen, 1830
Spain: Barcelona: east of Vall Gorguina, 20.x.1978; Sierra de Montseny, Sant Bernat, 29.x.1978, leg. P.J. Chandler.
- 46** *Mycetophila spectabilis* Winnertz, 1863
Spain: Huesca: near Anialarra, 29.vi.1975, leg. A.E. Stubbs. Santander: east of Pesaguero, 15.vi.1980, leg. P.J. Chandler.
- 47** *Mycetophila stolidus* Walker, 1856
Spain: Soria: Rio Zarranzano, 22.x.1978, leg. P.J. Chandler.
- 48** *Mycetophila strigata* Staeger, 1840
Spain: Santander: Desfilado de la Hermida, 28.x.1978, leg. P.J. Chandler.
- 49** *Mycetophila uliginosa* Chandler, 1988
Spain: Zaragoza: Monasterio de la Piedra, 21.x.1978, leg. P.J. Chandler.
- 50** *Mycetophila unicolor* Stannius, 1831
Spain: Granada: Pamponiera, Lanjaron, 20.v.1991, leg. A.E. Stubbs.
- 51** *Mycetophila unipunctata* Meigen, 1818
Spain: Gerona: near Vallfogona, 19.x.1978, leg. P.J. Chandler. Andorra: Font de Joans, 16.x.1978, leg. P.J. Chandler.
- 52** *Mycetophila vittipes* Zetterstedt, 1852
Andorra: Font de Joans, 16.x.1978, leg. P.J. Chandler.
- 53** *Notolopha cristata* (Staeger, 1840)
Spain: Gerona: near Vallfogona, 19.x.1978, leg. P.J. Chandler.
- 54** *Phronia coritanica* Chandler, 1992
Spain: Huesca: Canfranc, 6.vii.1975, leg. A.E. Stubbs.
- 55** *Phronia exigua* (Zetterstedt, 1852)
Spain: Jaén: Cazorla National Park, 13.v.1991, leg. A.E. Stubbs.
- 56** *Phronia forcipata* Winnertz, 1863
Spain: Santander: near Barcena, by Rio Deva, 17.vi.1980, leg. P.J. Chandler.
- 57** *Phronia humeralis* Winnertz, 1863
Spain: Huesca: Canfranc, 6.vii.1975, leg. A.E. Stubbs. Jaén: Cazorla National Park, 13.v.1991, leg. A.E. Stubbs.
- 58** *Phronia petulans* Dziedzicki, 1889
Balearic I.: Mallorca: Calobra, 9.v.1978, leg. H. Malicky.
- 59** *Phronia tenuis* Winnertz, 1863
Portugal: Guarda, Cabeça, ii.1999, leg. J.M. Grosso-Silva.
- 60** *Phronia tyrrhenica* Edwards, 1928
Spain: Huesca: San Juan de la Peña, 30.vi.1975, leg. A.E. Stubbs. Jaén: Cazorla National Park, 15.v.1991, leg. A.E. Stubbs.
- 61** *Platurocypta punctum* (Stannius, 1831)
Madeira: ix.1997, vii, ix and x.1998, laurisilva project, via D. Aguin Pombo.
- 62** *Pseudexechia trivittata* (Staeger, 1840)
The record from Spain of *P. trivittata* (Staeger) by Strobl (1909) is confirmed by a specimen in BMNH: Guipuzcoa: near San Sebastian, 26–28.viii.1972, leg. J.P. Dear.
- 63** *Pseudobrachypeza helvetica* (Walker, 1856)
Spain: Barcelona: east of Vall Gorguina and Sierra de Montseny, Sant Bernat, 20.x.1978, leg. P.J. Chandler.
- 64** *Rymosia* Winnertz, 1863
The records from Spain of *Rymosia connexa* Winnertz, 1863 by Strobl (1900, 1906) require confirmation.
- 65** *Rymosia fasciata* (Meigen, 1804)
Spain: Barcelona: Sierra de Montseny, 20.x.1978, leg. P.J. Chandler. Logroño: by Rio Iregua, 23.x.1978, leg. P.J. Chandler.
- 66** *Rymosia lundstroemi* Dziedzicki, 1910
Andorra: Valle del Nord, north of Llorts, 16.x.1978, leg. P.J. Chandler.
- 67** *Sceptonia costata* (van der Wulp, 1859)
Spain: Barcelona: Sierra de Montseny, Sant Bernat, 20.x.1978, leg. P.J. Chandler.
- 68** *Sceptonia nigra* (Meigen, 1804)
Andorra: near Ordino, 7–9.vii.1973, leg. P.S. Cranston, BMNH.
- 69** *Stigmatomeria crassicornis* (Stannius, 1831)
The records from Spain of *Allodia obscura* Winnertz, 1863 (Strobl, 1900, 1909) probably relate to *S. crassicornis*. This species was recorded by Plassmann & Schacht (1990) and other recent material has been examined.
- 70** *Synplasta excogitata* (Dziedzicki, 1910)
Spain: Huesca: near Anialarra, 22.vi.1975, leg. A.E. Stubbs. Santander: above Valdeprado, 18.vi.1980, leg. P.J. Chandler.
- 71** *Synplasta sintenisi* (Lackschewitz, 1937)
Spain: Santander: Desfilado de la Hermida, Coto Arenal, 17.vi.1980, leg. P.J. Chandler.
- 72** *Trichonta falcata* Lundström, 1911
Spain: Logroño: near Pajares, 22.x.1978, leg. P.J. Chandler. Granada: Pamponiera, Lanjaron, 21.v.1991, leg. A.E. Stubbs.
- 73** *Trichontafusca* Landrock, 1918
Spain: Huesca: Ordesa National Park, 3.vii.1973, leg. P.S. Cranston, BMNH.
- 74** *Trichonta laura* Chandler & Ribeiro, 1995
Madeira: xi.1997, I–ii.1998, xi.1998, laurisilva project, via D. Aguin Pombo.
- 75** *Zygomyia semifusca* (Meigen, 1818)
Spain: Huesca: Canfranc, 22.vi.1980, leg. P.J. Chandler.
- 76** *Zygomyia valeriae* Chandler, 1991
Spain: Huesca: Canfranc, 6.vii.1975, leg. A.E. Stubbs. Granada: Sierra Nevada, Veleta, 30.vii.1960, leg. J.R. Vockeroth, CNC (Canadian National Collection, Ottawa).
- 77** *Zygomyia vara* (Staeger, 1840)
Spain: Huesca: near Anialarra, 29.vi.1975, leg. A.E. Stubbs. Santander: east of Pesaguero, 18.vi.1980, leg. P.J. Chandler.
- 78** *Mycomya (Mycomya) Rondani, 1856*
The identity of the Spanish records of *Sciophila ornata* Meigen, 1818 and of *S. apicalis* Winnertz, 1863 (Strobl, 1900), both based on females, is dubious. The Spanish record of *Sciophila melania* Winnertz, 1863 (Strobl, 1906) is also of uncertain identity. All of these were probably species of *Mycomya* sensu stricto. An undescribed species of this subgenus, also known from Switzerland, has been examined from mainland Spain.
- 79** *Mycomya alpina* Matile, 1972
Spain: Huesca: near Anialarra, 29.vi.1975, leg. A.E. Stubbs.
- 80** *Mycomya flavicollis* (Zetterstedt, 1852)
Spain: Gerona: Collado Santigosa, 6–14.x.1987, leg. J.–P. Haenni, MHNN.
- 81** *Mycomya indistincta* Polevoi, 1995
Andorra: Encamp, 1.x.1935, leg. F.W. Edwards, BMNH.
- 82** *Mycomya marginata* (Meigen, 1818)
Portugal: Sintra Mts, 11.viii.1972, leg. A.M. Hutson, BMNH.
- 83** *Mycomya prominens* (Lundström, 1913)
Spain: Barcelona: Vilassar de Dalt, 8–14.x.1995, leg. J.L. Jara. Huesca: near Anialarra, 29.vi.1975, leg. A.E. Stubbs.
- 84** *Neoempheria bimaculata* (von Roser, 1840)
Spain: Barcelona: Vilassar de Dalt, 22–28.x.1995, leg. J.L. Jara.
- 85** *Neoempheria proxima* (Winnertz, 1863)
Spain: Santander, near Pembes, 25.x.1978, leg. P.J. Chandler.
- 86** *Neoempheria striata* (Meigen, 1818)
Spain: Barcelona: Cabriels, 30.vii.1998, leg. M. Carles-Tolrà.
- 87** *Monoclona rufilatera* (Walker, 1837)
Spain: Lérida: La Guingueta, 6–7.vii.1973, leg. P.S. Cranston, BMNH.

- 88** *Polylepta guttiventris* (Zetterstedt, 1852)
Spain: Gerona: Sant Joan les Fonts, 19.x.1978, leg. P.J. Chandler.
The record of *Polylepta undulata* Winnertz, 1863 from Spain (Strobl, 1909) could apply either to this or to *P. meridionalis* Bechev.
- 89** *Polylepta meridionalis* Bechev, 1990
Spain: Huesca: Ordesa National Park, 3.vii.1973, leg. P.S. Cranston, BMNH.
- 90** *Sciophila* Meigen, 1818
The Spanish records of *Sciophila thoracica* Staeger, 1840 (Strobl, 1906, 1909) are of uncertain identity.
- 91** *Sciophila iberolutea* Chandler & Blasco-Zumeta, 2001
Since the recognition of this species as distinct from *S. lutea* Macquart, 1826, the record of *S. lutea* from Portugal (Ribeiro, 1990) needs confirmation.
- 92** *Sciophila parviareolata* Santos Abréu, 1920
Since the recognition of *S. parviareolata* as a distinct species from *S. hirta* Meigen, 1818 (Chandler, 2001), the records of *S. hirta* from Spain (Strobl, 1906; Plassmann & Schacht, 1991) and Portugal (Ribeiro, 1990) require confirmation.

- 93** *Sciophila rufa* Meigen, 1830
Spain: Lérida: La Guingueta, 6–7.vii.1973, leg. P.S. Cranston, BMNH.

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- España:** BECHEV (1995), BURGHELE (1965), BURGHELE-BALACESCO (1966), CHANDLER (1981, 1993, 1994, 1999a, 2001a), CHANDLER & BLASCO-ZUMETA (2001), COHER (1995), GAGNÉ (1975, 1981), MATILE (1977a), PLASSMANN & SCHACHT (1990), STROBL (1900a-e, 1906b, 1909a), VÄISÄNEN (1984).
- Portugal:** CHANDLER (2001a), RIBEIRO (1990a, 1990b, 1991a, 1991b, 1991c, 1992), TOLLET (1948).
- Andorra:** VÄISÄNEN (1984).
- Canaries, Azores y Madeira:** BÁEZ (1988a), BECKER (1908a), CHANDLER (2001a), CHANDLER & RIBEIRO (1995), FREY (1936, 1945, 1949), GAGNÉ (1974), NIELSEN (1966b), SANTOS ABRÉU (1920), STORÁ (1942), VÄISÄNEN (1984), ZAITZEV (1982).

KEROPLATIDAE

NEMATOCERA

Peter CHANDLER (Dípteros iberobaleares)

Marcos BÁEZ (Dípteros macaronésicos)

España	30	E peninsular	30	b Baleares	4	c Canarias	5
Portugal	0	P peninsular	4	a Azores	3	m Madeira	1
Andorra (A)	10						

KEROPLATINAE

Antlemon Loew, 1871

(Antlemon Loew, 1871)

E b c - - - m - *halidayi* (Loew, 1871)*Cerotelion* Rondani, 1856- - - - - a - - *striatum* (Gmelin, 1790)= *lineatum* (Fabricius, 1775)*Isoneuromyia* Brunetti, 1912E - - - - - *czernyi* (Strobl, 1909)E - - - - - *semirufa* (Meigen, 1818)= *vitripennis* (Meigen, 1830)*Keroplatus* Bosc, 1792E - - - - - A *reaumurii* (Dufour, 1839) (1)E - - - - - *testaceus* (Dalman, 1818)*Macrorrhyncha* Winnertz, 1846E - - - - - *gallica* Chandler & Matile, 2001E - - - - - *hispanica* (Strobl, 1909)*Monocentrotia* Edwards, 1925- - - - P - - - *favonii* Chandler, 1987 (2)*Neoplatyura* Malloch, 1928E - - - - - A *biumbrata* (Edwards, 1913) (3)- - - - - A *modesta* (Winnertz, 1863) (4)E b - P - - - A *nigricauda* (Strobl, 1893) (5)*Orfelia* Costa, 1857 (6)E - - - - - *discoloria* (Meigen, 1818)E - - - - - *excelsa* Chandler, 1994 (7)E - - - - - *fasciata* (Meigen, 1804)E - - - - - *nemorialis* (Meigen, 1818) (8)= *succincta* (Meigen, 1830)= *cincta* (Winnertz, 1863)- - - - - a - - - *nigricornis* (Fabricius, 1805)*Platyura* Meigen, 1803E - - - - - *marginata* Meigen, 1804 (9)*Pyratula* Edwards, 1929- - - - - A *alpicola* Chandler, 2001- - - c - - - - *canariae* Chandler & Ribeiro, 1995E - - - - - *ebroensis* Chandler & Blasco-Zumeta, 2001- - - - - A *oracula* Chandler, 1994- - - - - A *zonata* (Zetterstedt, 1855) (10)*Urytalpa* Edwards, 1929E - - - - - *ochracea* (Meigen, 1818) (11)

MACROCERINAE

Macrocera Meigen, 1803E - - - - - *anglica* Edwards, 1925 (12)- - - - a - - - *azorica* Storå in Frey, 1945E - - - - - *centralis* Meigen, 1818E b - - - - - *crassicornis* Winnertz, 1863- - c - - - - *diversimaculata* Santos Abréu, 1920E - c P - - - *fasciata* Meigen, 1804- - c - - - - *incompleta* Becker, 1908- - - - - A *inversa* Loew, 1869 (13)E - - - - - *lutea* Meigen, 1804 (14)E - - - - - *nigricoxa* Winnertz, 1863E b - - - - - *parcehirsuta* Becker, 1907E - - - - - *parva* Lundström, 1914 (15)E - - P - - - A *phalerata* Meigen, 1818 (16)E - - - - - *pusilla* Meigen, 1830E - - - - - *stigma* Curtis, 1837 (17)E - - - - - A *stigmoides* Edwards, 1925 (18)E - - - - - *striatipennis* Strobl, 1906E - - - - - *vittata* Meigen, 1830 (19)

REMARKS

1 *Keroplatus reaumurii* (Dufour, 1839)

Spain: Barcelona: Cabrils, 19.vii.1988, 5.ix.1988, leg. M. Carles-Tolrà. Gerona: Las Planas, 12-18.vii.1965, leg. A.M. Hutson, BMNH.

Andorra: Santa Coloma, vii and xi.1992, leg. J. Pujade.

2 *Monocentrotia favonii* Chandler, 1987

Portugal: Sintra Mountains, 11.viii.1972, leg. A.M. Hutson, BMNH.

3 *Neoplatyura biumbrata* (Edwards, 1913)

Spain: Barcelona: Vilassar de Dalt, 21-27.v.1995, 4-10.vi.1995, leg. J.L. Jara.

Andorra: Santa Coloma, ix and xi.1992, leg. J. Pujade.

4 *Neoplatyura modesta* (Winnertz, 1863)

Andorra: Santa Coloma, frequent in Malaise trap 1992-1993, leg. J. Pujade.

5 *Neoplatyura nigricauda* (Strobl, 1893)

Mallorca: Formentor, 15.v.1967, leg. C.N. Colyer, BMNH.

Portugal: Sintra Mts, 11.viii.1972, leg. A.M. Hutson, BMNH;

Burraco, viii-ix.1930, leg. A.D. Chapan, MNHN.

Andorra: Santa Coloma, frequent in Malaise trap 1992-1993,

leg. J. Pujade.

6 *Orfelia* Costa, 1857The record by Strobl (1909) of *Platyura basalis* Winnertz, 1863 is probably *Orfelia bicolor* (Macquart, 1826), of which this is a synonym, but confirmation is desirable.Material has also been examined from Spain, Portugal and Andorra of a further *Orfelia* species, allied to *O. persimilis* Caspers, 1981.7 *Orfelia excelsa* Chandler, 1994

Spain: Barcelona: Caldes de Montbui, 2.x.1999, leg. C. Torras.

- 8** *Orfelia nemoralis* (Meigen, 1818)
Platyura succincta Meigen, 1830 and *P. cincta* Winnertz, 1863, recorded from Spain by Strobl (1909), are synonyms of *Orfelia nemoralis*. Occurrence of *O. nemoralis* in Spain is confirmed by material from three sites in Huesca and Palencia provinces.
- 9** *Platyura marginata* Meigen, 1804
 Spain: Granada: Guéjar Sierra, 18.v.1991; Capileira, 21.v.1991, leg. A.E. Stubbs.
- 10** *Pyratula zonata* (Zetterstedt, 1855)
 Andorra: Santa Coloma, vi.1993, leg. J. Pujade.
- 11** *Urytalpa ochracea* (Meigen, 1818)
 Spain: Barcelona, Vilassar de Dalt, vi.1993, leg. J.L. Jara. Palencia, north of Cervera de Pisuerga, 18.vi.1980, leg. P.J. Chandler.
- 12** *Macrocera anglica* Edwards, 1925
 Spain: Barcelona: west of Vall Gorguina, 20.x.1978, leg. P.J. Chandler.
- 13** *Macrocera inversa* Loew, 1869
 Andorra: Santa Coloma, 15.ix.1992, leg. J. Pujade.
- 14** *Macrocera lutea* Meigen, 1804
 Spain: Barcelona, Cabriils, 30.vi.1998, 4.iv.1999, 6.vi.1999, leg. M. Carles-Tolrá. Huesca: Ordesa National Park, 30.vii.1973, leg. P.S. Cranston, BMNH. Jaén: Cazorla, by River Guadalquivir, 13.v.1991, leg. A.E. Stubbs.
- 15** *Macrocera parva* Lundström, 1914
 Spain: Palencia: Piedras Luengas, 18.v.1980, leg. P.J. Chandler; Huesca: near Anialarra, 29.vi.1975, leg. A.E. Stubbs.
- 16** *Macrocera phalerata* Meigen, 1818
 Spain: Barcelona, Cabriils, frequent, ii-iii, v-vii and x. 1999, leg. M. Carles-Tolrá. Gerona: near Ripoll, 19.x.1978, leg. P.J. Chandler. Zaragoza: Monasterio de Piedra, 21.x.1978; near Sigües, by Rio Esca, 21.vi.1980, leg. P.J. Chandler. Huesca: Jaca, 27.vi-6.vii.1975, leg. A.E. Stubbs, BMNH.
- Andorra: Santa Coloma, viii 1992, iii 1993 and vi 1993, leg. J.Pujade.
- 17** *Macrocera stigma* Curtis, 1837
 Spain: Palencia: Piedras Luengas, 18.vi.1980, leg. P.J. Chandler.
- 18** *Macrocera stigmoides* Edwards, 1925
 Spain: Barcelona: Torreblanca, 18.x.1978, leg. P.J. Chandler; Cabriils, 26.x.1996, 2.iii.1997, 22.xi.1998, leg. M. Carles-Tolrá. Huesca: Canfranc, 6.vii.1975, leg. A.E. Stubbs; Ordesa National Park, 3.vii.1973, leg. P.S. Cranston, BMNH. Andorra: Santa Coloma, vi and x.1993, leg. J. Pujade.
- 19** *Macrocera vittata* Meigen, 1830
 Spain: Barcelona: Sierra de Montseny, 18.x.1978, leg. P.J. Chandler; between Montseny and Santa Fé, 31.v.1978, leg. H. Malicky. Gerona: near Vallfogona, 19.x.1978, leg. P.J. Chandler. Huesca: Canfranc, 6.vi.1978, leg. A.E. Stubbs. Santander: Desfilado de la Hermida, 25.x.1978, leg. P.J. Chandler.

Nomen dubium

Orfelia intincta Meigen, 1818, described from Portugal.

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Portugal: CARLES-TOLRÁ (2001j), MEIGEN (1818), RIBEIRO (1991a), TOLLET (1948).

Andorra: CHANDLER & BLASCO-ZUMETA (2001).

Canarias, Azores y Madeira: BÁEZ (1988a), BÁEZ & SANTOS PINTO (1981), BECKER (1908a), CHANDLER & RIBEIRO (1995), FREY (1945), SANTOS ABRÉU (1920).