TERRESTRIAL BIOTA CHECKLIST OF THE CHINIJO ARCHIPELAGO AND LOBOS (CANARY ISLANDS)

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Abstract

A new checklist of the terrestrial biota from the easternmost islets from Canary Islands (Roque del Este, Roque del Oeste, Montaña Clara, Alegranza, La Graciosa and Lobos) is provided as a result of a wide bibliographic and database compilation. The checklist includes bryophytes, vascular plants, fungi, chordates, arthropods and mollusks. Additionally, a short analysis of the fauna and flora species richness reveals that there are slightly more than 700 terrestrial species in the islets, the big majority of them being native, with > 25% endemics and < 10% exotics, what argues in favour of the high conservation quality of this protected area. By far, the more important taxa contributing to this biodiversity are arthropods and vascular plants, as happen in the rest of the archipelago. Up to seven different taxa, four spiders, one bird –already extinct–, one snail and one vascular plant, have been found to be endemic to the islets. Finally, the availability of this new checklist will contribute significantly towards more accurate biogeographic analyses of the Canarian biota, because until now the islets' biota distribution was not disaggregated of the main islands, Lanzarote and Fuerteventura, to which politically belong.

Keywords: biogeographical analysis, compilation, species distribution, terrestrial biota.

LISTADO DE LA BIOTA TERRESTRE DEL ARCHIPIÉLAGO CHINIJO Y LOBOS (ISLAS CANARIAS)

Resumen

Se presenta un nuevo listado de la biota terrestre de las isletas más orientales del archipiélago canario (Roque del Este, Roque del Oeste, Montaña Clara, Alegranza, La Graciosa y Lobos) resultado de una exhaustiva recopilación bibliográfica y de bases de datos. El listado incluye briófitos, plantas vasculares, hongos, cordados, artrópodos y moluscos. Un breve análisis estadístico de la flora y fauna de los islotes revela que existen algo más de 700 especies en el conjunto de los mismos, la gran mayoría de ellas nativas, con más de un 25% de endemismos y menos de un 10% de especies exóticas, lo que avala la alta calidad de estos espacios protegidos. Con diferencia los taxa que más contribuyen a la biodiversidad inventariada son los artrópodos y las plantas vasculares, como ocurre en el resto del archipiélago. Hasta siete taxones diferentes, cuatro especies de araña, un ave –ya extinta–, un molusco y una planta vascular, son endémicos de estas isletas. La disponibilidad de esta lista contribuirá a la realización de análisis biogeográficos más rigurosos, pues hasta ahora la biota de las isletas no se encontraba desagregada de las islas mayores, Lanzarote y Fuerteventura, a las que pertenecen políticamente.

Palabras clave: análisis biogeográfico, compilación, distribución de especies, biota terrestre.

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Figure 1. Geographical location of the islets considered in this study.

Despite the outstanding contribution that the existing species checklists of the NE Atlantic archipelagos (Arechavaleta *et al.* 2005, 2010; Borges *et al.* 2008, 2010) have provided for the recent progress of Macaronesian biogeography in particular and island biogeography in general (Emerson and Kolm, 2005; Whittaker *et al.* 2008; Rijsdijk *et al.* 2014; etc.), the Canarian checklist (Arechavaleta *et al.* 2010) is still counting with an important bias. This is that the species distribution information of the islets belonging to the so-called Archipiélago Chinijo (north to Lanzarote), comprising Roque del Este, Roque del Oeste, Montaña Clara, Alegranza and La Graciosa), as well as the information of Lobos islet, north to Fuerteventura (fig. 1), has been aggregated respectively within Lanzarote and Fuerteventura. Actually all these islets were, together their main respective islands, part of the Pleistocene island called Mahan, which extended in the Last Glacial Maximum (ca. 18 Ky BP) for more than 5000 km^2 (Fernández-Palacios *et al.* 2011), but have became different insular entities at least ca. 15 Ky BP, during the last deglaciation.

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Contrastingly, other Macaronesian archipelagos' checklists, provide information about the islets species distribution to a large extent disaggregated from their respective main islands. For instance, Cape Verde checklist separates the information of the islets of Branco and Raso, close to Santa Luzia and São Nicolau, from these two islands, although this is not the case for Rombos islet, which is included within Brava (Arechavaleta *et al.* 2005). On the other hand, Madeira checklist disaggregates the information from Desertas and Salvajes archipelagos, although not of the islets included within them (Deserta Grande, Bugio and Ilheu Chao in Desertas and Selvagem Grande, Selvagem Pequena and Ilheu de Fora in Selvagens, respectively) (Borges *et al.* 2008). Finally, Azores disaggregates Corvo information from Flores (Borges *et al.* 2010), but there is no entrance for Formigas, a tiny islet halfway between Santa Maria and São Miguel. Remarkably, all those islets with disaggregated information are smaller than La Graciosa, and, with the exception of Corvo, than Alegranza or Lobos.

Some consequences of this lack of disaggregation for islets species distribution are, for instance, that the Canarian checklist includes islets endemic taxa attributed either to Fuerteventura or to Lanzarote. These errors cause loss of information and precision, generating inaccurate lists and thus, results and interpretations. Furthermore, counting with the islets' checklist biogeographic analyses could be performed with 11 (not including rocks) or even 13 (including the rocks) items and not only with seven, as use to happen today, where El Hierro (270 km^2) is considered the smallest island. With the new checklist the island area range will be incremented in several orders of magnitude.

Thus, our aim in this study is to generate a new, updated checklist of the terrestrial biota from Chinijo's archipelago and Lobo's islet through a wide bibliographical and database compilation of all the terrestrial flora and fauna been described for these areas.

The checklist is based on published or unpublished information obtained from different sources either for their vascular flora (Kunkel, 1970, 1971; Marrero, 1991), fungi (León Arencibia *et al.* 1991; Beltrán-Tejera *et al.* 1998; Bordallo *et al.* 2012; Chávez-Barreto *et al.* 2016), vertebrate fauna (Martín and Lorenzo, 2001; Martín *et al.* 2003; Rodríguez *et al.* 2003; Lorenzo, 2007; Siverio *et al.* 2009; Ramírez *et al.* 2014), invertebrate fauna (Oromí and Arechavaleta, 1995; Pérez *et al.* 2003; Oromí *et al.* 2003; Macías *et al.* 2004), general approachs about specific islets, such as La Graciosa (González Viera *et al.* 1996), Montaña Clara (Wildpret *et al.* 1997; Varios autores, 2006) or Lobos (Romero, 2017), and finally personal communications (such as Prof. González Mancebo for bryophytes or Prof. Oromí for invertebrates). Although Kunkel (1970, 1971) included cultivated (garden, agriculture, plantations) species, either growing wild or not, in this checklist cultivated species growing wild have been included as exotics, while those not growing wild have been excluded.

Species have been listed according to their presence (+), absence (-) or data inexistence (*) in the different islets analysed: Roque del Este (RE), Roque del Oeste (RO), Montaña Clara (MC), Alegranza (AL), La Graciosa (LG) and Lobos (LO). Following the Canarian checklist procedure (Arechavaleta *et al.* 2010), for each

taxon its origin (Or) [secure native (NS), likely native (NP), possible native (NO), likely introduced (IP), non-invasive secure introduced (IS) and invasive introduced (II)] and endemicity status (En) [endemics subspecies (ESS), endemic species (ES), endemics genus (EG) or islet endemic (IE)] are given. Information about extirpated or extinguished taxa (e) or with doubtful presence (?) is also included. When for a specific species only doubtful presences are referred along the study area, the species has been omitted from the list. By contrast, if there is at least one confirmed presence (+) along the study area, doubtful presences are considered. Species and the families to whom they belong have been listed according to alphabetic order within taxonomic phyla.

As was to be expected, the survey effort has not been the same all over the islets studied, so that for instance, vascular plants have been especially well studied for Lobos, and the arthropod fauna for Montaña Clara. The two larger islets (La Graciosa and Alegranza) have received intermediate sampling efforts and finally, due to their inaccessibility the sampling effort for the tiny rocks has been very limited. Thus, the species list is simultaneously a trade off of the islets true diversity on the on hand, and on the inventory effort on the other, as seems to happen universally (Hortal *et al.* 2007). Even so, we consider the resulting checklist (see appendix) as a first step towards the disaggregation of the islets dataset and thus a real basis for biogeographic analyses improvement.

The checklist includes six taxonomic groups: bryophytes, vascular plants, arthropods, mollusks, chordates and fungi. Unfortunately, we have not been able to find sources for lichen distributions in those islets, although it is known that there exist some (Varios autores, 2006).

On the other hand, aiming completeness, the checklist has included species that have been extinct (such as the malpaís mouse *Malpaisomys insularis*, the black oystercatcher *Haematopus meadewaldoi* or the endemic Chinijo archipelago stonechat *Saxicola dacotiae* ssp. *murielae*) or extirpated (such as the Egyptian vulture *Neophron percnopterus* or the osprey *Pandion haliaetus*) in historical times from all or some of the islets.

For the statistical analysis we have consider extinct or extirpated taxa (*e* in the checklist, see appendix) as species presence (+), whereas doubtful presence (*?* in the checklist) or no data (* in the checklist) was precautionary consider as species absence.

704 different terrestrial species have been found growing on the islets (see appendix), although we believe that there should be more because the impossibility of finding lichen and other invertebrate information further than arthropods or mollusks species. Leaving apart the two very tiny rocks, Roques del Este y del Oeste, with 33 and 16 species respectively, the species richness of the different islets is remarkably similar, around 300 species, despite their very different area, varying from 1.33 km^2 (Montaña Clara) to 27.3 km^2 (La Graciosa) (table 1). Within the species present, from a chorological perspective the non-endemic native element is by far the more abundant (varying from 75 to 49% among the different islets), followed by the endemic species (shifting from 45 to 25%) and finally, by the introduced species, always < 10% and almost absent of the rocks. The very low contribution of

the exotic species all over the studied phyla on the islet diversity argues in favour of the high conservation status of this natural area (table 2).

TABLE 1. GEOGRAPHICAL DATA OF THE ISLETS STUDIED

Islet	Area (km²)	Altitude (m)	Closest main island	Distance to the main island (km)	2017 human population
La Graciosa	27.3	266	Lanzarote	1.15	721
Alegranza	10.2	289	Lanzarote	16.56	-
Montaña Clara	1.33	256	Lanzarote	8.39	-
Roque del Este	0.06	86	Lanzarote	10.96	-
Roque del Oeste	0.01	43	Lanzarote	9.79	-
Isla de Lobos	4.58	122	Fuerteventura	1.95	4

TABLE 2. NUMBER OF SPECIES AND PERCENTAGE OVER THE TOTAL ISLET RICHNESS IN BRACKETS, ACCORDING TO ITS BIOGEOGRAPHICAL ORIGIN

Chorological status	Roque del Este	Roque del Oeste	Montaña Clara	Alegranza	La Graciosa	Isla de Lobos	Total
Endemic sp.	15 (45.4%)	4 (25%)	96 (31.9%)	81 (26.4%)	84 (26.9%)	74 (24.7%)	222 (31.4%)
Non-endemic native sp.	16 (48.5%)	12 (75%)	194 (64.5%)	212 (69.1%)	198 (64.3%)	194 (65.8%)	418 (59.5%)
Exotic sp.	2 (6.1%)	0 (-)	11 (3.6%)	14 (4.6%)	27 (8.8%)	28 (9.5%)	64 (9.1%)
Total sp.	33	16	301	307	309	296	704

In respect to the contribution of the different taxonomic groups to the island biodiversity, arthropods and vascular plants are the more abundant groups with > 90% of the species present, whereas the rest only account for an 8% of the species richness (table 3). Interestingly there are two exclusive taxa shared by Montaña Clara and Alegranza, the (already extinct) passerine landbird (*Saxicola dacotiae* ssp. *murielae*) and the spider *Salticus alegranzaensis*; four more are exclusive from Alegranza, the spiders *Cerbalus alegranzaensis, Dysdera alegranzaensis* and *Eurypoena tuberosa* ssp. *alegranzaensis*, and the snail *Cryptella alegranzae*; and finally, one vascular plant, *Limonium ovalifolium* ssp. *canariensis,* exists exclusively in Lobos. No exclusive species has been reported for La Graciosa, neither for the Roques so far.

Summarizing we present here a new biogeographical tool, that even needing some improvement and refinements as the incorporation of new taxonomic groups (such as the lichens), constitutes a significant step towards counting with a species checklist for the complete Canarian archipelago.

TABLE 3. SPECIES DISTRIBUTION AND PERCENTAGE OVER THE TOTAL ISLET BIOTA IN BRACKETS OF THE DIFFERENT TAXONOMIC GROUPS PER ISLET

Taxa	Roque del Este	Roque del Oeste	Montaña Clara	Alegranza	La Graciosa	Isla de Lobos	Total
Arthropods	13 (39.4%)	*	171 (56.8%)	142 (46.2%)	110 (35.7%)	96 (32.5%)	390 (55.5%)
Mollusks	1 (3%)	*	6 (2.0%)	5 (1.6%)	1 (0.3%)	3 (1%)	10 (1.4%)
Birds	7 (21.2%)	8 (50%)	19 (6.3%)	24 (7.8%)	22 (7.1%)	22 (7.4%)	33 (4.7%)
Reptiles	2 (6%)	2 (12.5%)	2 (0.6%)	2 (0.6%)	2 (0.7%)	3 (1%)	3 (0.4%)
Mammals	0 (-)	0 (-)	1 (0.3%)	2 (0.6%)	4 (1.4%)	4 (1.4%)	5 (0.6%)
Bryophytes	0 (-)	0 (-)	2 (0.6%)	6 (1.8%)	4 (1.3%)	7 (2,3%)	11 (1.6%)
Fungi	0 (-)	0 (-)	0 (-)	2 (0.6%)	4 (1.3%)	3 (1%)	8 (1.1%)
Vascular plants	10 (30.3%)	6 (37.5%)	100 (33.2%)	124 (40.4%)	162 (52.6%)	158 (53.6%)	244 (34.7%)
Total	**33**	**16**	**301**	**307**	**309**	**296**	**704**

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AUTHORS' CONTRIBUTION

Conceptualization: JMFP.
Methodology and field work: JMFP, ZN, SFL, JRA, LdN.
Data analysis: JMFP.
Original draft: ZN, JMFP.
Review and edition of the final draft: all authors.

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APPENDIX: SPECIES CHECKLIST

Phylum Chordata	Origin (Or)	Endemicity (En)	Roque del Este (RE)	Roque del Oeste (RO)	Montaña Clara (MC)	Alegranza (AL)	La Graciosa (LG)	Isla de Lobos (Lo)
Class Aves								
Accipitridae								
Neophron percnopterus L., 1758	NS		-	-	e	+	-	e
Alaudidae								
Calandrella rufescens ssp. *rufescens* Vieillot, 1820	NS	ESS	-	-	-	-	+	+
Apodidae								
Apus pallidus ssp. *brehmorum* Shelley, 1870	NS		-	-	-	-	+	-
Burhinidae								
Burhinus oedicnemus ssp. *insularum* Sassi, 1908	NS	ESS	-	-	-	+	+	+
Charadriidae								
Charadrius alexandrinus L., 1758	NS		-	-	-	-	+	+
Columbidae								
Columba livia Gmelin, 1789	NS		?	-	+	+	+	+
Corvidae								
Corvus corax ssp. *canariensis* Hartert and Kleinschmidt, 1901	NS	ESS	-	-	+	+	+	+
Falconidae								
Falco eleonorae Gené, 1839	NS		+	+	+	+	-	-
Falco pelegrinoides Temminck, 1829	NS		+	-	+	+	-	+
Falco tinnunculus ssp. *dacotiae* Hartert, 1913	NS	ESS	-	-	+	+	+	+
Fringillidae								
Bucanetes githagineus ssp. *amantum* Hartetrt, 1903	NS	ESS	-	-	-	+	+	+
Carduelis cannabina ssp. *harterti* Bannerman, 1913	NS	ESS	-	-	-	-	+	+
Glareolidae								
Cursorius cursor Latham, 1787	NS		-	-	-	-	?	-
Haematopodidae								
Haematopus meadewaldoi Bannerman, 1913	NS	ES	-	e	e	e	e	-
Hydrobatidae								
Hydrobates pelagicus ssp. *pelagicus* L., 1758	NS		+	+	+	+	+	+

Oceanodroma castro Harcourt, 1851	NS		+	+	+	+	?	+
Pelagodroma marina ssp. *hypoleuca* Webb, Berthelot and Moquin-Tandon, 1842	NS		-	-	+	+	?	?
Laniidae								
Lanius meridionalis ssp. *koenigi* Hartert, 1901	NS	ESS	-	-	+	+	+	+
Laridae								
Larus fuscus L.	NS		-	-	+	+	-	-
Larus michahellis ssp. *atlantis* Dwight, 1922	NS		+	e	+	+	+	+
Motacillidae								
Anthus berthelottii ssp. *berthelotii* Bolle, 1862	NS		-	-	+	+	+	+
Otididae								
Chlamydotis undulata ssp. *fuertaventurae* Rothschild and Hartert, 1894	NS	ESS	-	-	-	-	+	-
Pandionidae								
Pandion haliaetus ssp. *haliaetus* L., 1758	NS		+	e	+	+	e	?
Phasianidae								
Alectoris barbara ssp. *koenigi* Reich. 1899	IS		-	-	-	e	+	+
Procellariidae								
Bulweria bulwerii Jardine and Selby, 1828	NS		-	+	+	+	+	+
Calonectris diomedea ssp. *borealis* Cory, 1881	NS		+	+	+	+	+	+
Puffinus assimilis ssp. *baroli* Bonaparte, 1857	NS		-	-	+	+	?	?
Recurvirostridae								
Himantopus himantopus L., 1758	NS							+
Sternidae								
Sterna hirundo ssp. *hirundo* L., 1758	NS		-	-	-	-	-	+
Sylviidae								
Sylvia conspicillata ssp. *orbitalis* Wahlberg, 1854	NS		-	-	?	+	+	+
Turdidae								
Saxicola dacotiae ssp *murielae* Bannerman, 1913	NS	IE	-	-	e	e	-	-
Tytonidae								
Tyto alba ssp. *gracilirostris* Hartert, 1905	NS	ESS	-	-	?	+	+	+
Upupidae								
Upupa epops L., 1758	NS		-	-	-	-	+	?
Class Reptilia								
Gekkonidae								
Tarentola angustimentalis Steindachner, 1891	NS	ES	+	+	+	+	+	+
Lacertidae								
Gallotia atlantica Peters and Doria, 1882	NS	ES	+	+	+	+	+	+

Scincidae								
Chalcides simonyi Steindachner, 1891	NS	ES	-	-	-	-	-	+
Class Mammalia								
Felidae								
Felis silvestris catus L., 1758	II		-	-	-	-	+	+
Leporidae								
Oryctolagus cuniculus L., 1758	II		-	-	-	+	+	+
Muridae								
Malpaisomys insularis Hutterer, López-Martínez and Michaux 1988	NS	EG	*	*	*	*	e	e
Mus musculus L., 1758	II		-	-	-	+	+	+
Soricidae								
Crocidura canariensis Hutterer, López-Jurado and Vogel, 1987	NS	ES	-	-	+	-	-	-

Phylum Fungi	Or	En	RE	RO	MC	AL	LG	LO
Agaricaceae								
Agaricus aridicola Geml, Geiser and Royse	NP		-	-	-	-	+	-
Montagnea arenaria (DC.) Zeller	NP		-	-	-	-	+	-
Tulostoma brumale Pers.	NP		-	-	-	-	-	+
Tulostoma giovanellae Bres.	NP		-	-	-	+	-	+
Entolomataceae								
Entoloma phaeocyathus Noordel.	NP		-	-	-	-	-	+
Pezizaceae								
Terfezia canariensis Bordallo and Rodríguez	NS	ES	-	-	-	-	+	-
Phelloriniaceae								
Phellorinia herculeana (Pers.) Kreisel	NP		-	-	-	+	-	-
Incertae sedis								
Uredo marmoxaiae Speg.	NS	ES	-	-	-	-	+	-
Phylum Bryophyta	Or	En	RE	RO	MC	AL	LG	LO
Bryaceae								
Bryum radiculossum Brid.	NP		-	-	-	-	-	+
Ptychostomum imbricatulum (Müll. Hal.) D.T. Holyoak and N. Pedersen	NP		-	-	-	+	-	-
Funariaceae								
Entosthodon attenuatus (Dicks.) Bryhn	NP		-	-	-	-	-	+
Entosthodon pulchellus (H. Philib.) Brugués	NP		-	-	-	+	-	-
Pottiaceae								
Aloina ambigua (Bruch and Schimp.) Limpr.	NP		-	-	-	-	+	-

Didymodon vinealis (Brid.) R.H. Zander	NP		-	-	-	-	-	+
Tortella flavovirens (Bruch) Broth.	NP		-	-	+	+	+	+
Tortella nitida (Lindb.) Broth.	NP		-	-	-	+	-	-
Tortula atrovirens (Sm.) Lindb.	NP		-	-	-	+	+	+
Tortula muralis Hedw.	NP		-	-	+	+	+	+
Trichostomum brachydontium Bruch	NP		-	-	-	-	-	+

Vascular plants	Or	En	RE	RO	MC	AL	LG	LO
Phylum Pteridophyta								
Adiantaceae								
Adiantum capillus-veneris L.	NO		-	-	-	+	-	-
Aspleniaceae								
Asplenium hemionitis L.	NS		-	-	-	+	-	-
Ophioglossaceae								
Ophioglossum azoricum C. Presl	NS		-	-	-	-	-	+
Ophioglossum polyphyllum A. Braun and Seub.	NS		-	-	-	-	-	+
Phylum Spermatophyta								
Agavaceae								
Agave fourcroydes Lem.	IS		-	-	-	-	-	+
Agave sisalana (Engelm.) Perr.	IS		-	-	-	-	-	+
Aizoaceae								
Aizoon canariense L.	NS		-	+	+	+	+	+
Carpobrotus edulis (L.) N.E. Br. *in* E.P. Phillips	II		-	-	-	-	-	+
Mesembryanthemum crystallinum L.	NO		+	-	+	+	+	+
Mesembryanthemum nodiflorum L.	NO		+	+	+	+	+	+
Alliaceae								
Allium subhirsutum L.	NP		-	-	+	+	+	-
Amaryllidaceae								
Pancratium canariense Ker-Gawl.	NS	ES	-	-	+	-	-	-
Pancratium maritimum L.	NP		-	-	+	-	-	-
Apiaceae								
Astydamia latifolia (L. f.) Baill.	NS		-	-	+	+	+	+
Bupleurum semicompositum L.	NS		-	-	+	+	+	+
Petroselinum crispum (Mill.) A.W. Hill	IS		-	-	-	+	-	-
Torilis nodosa (L.) Gaertn.	NO		-	-	-	-	+	-
Araceae								
Arum italicum Mill.	NO		-	-	-	-	+	-

Asclepiadaceae								
Caralluma burchardii N.E. Br.	NS		-	-	+	-	+	+
Asphodelaceae								
Aloe vera (L.) Burm. f.	IS		-	-	-	-	-	+
Asphodelus fistulosus L.	NP		-	-	+	+	+	+
Asphodelus tenuifolius Cav.	NP		-	-	+	+	+	+
Asteraceae								
Andryala pinnatifida Aiton	NS	ES	-	-	-	-	+	+
Argyranthemum maderense (D. Don) Humphries	NS	ES	-	-	-	-	+	-
Artemisia thuscula Cav.	NS	ES	-	-	-	-	-	+
Asteriscus intermedius (DC.) Pit. and Proust	NS	ES	-	-	+	-	-	-
Asteriscus sericeus (L. f.) DC.	NS	ES	-	-	-	-	-	+
Atractylis cancellata L.	NP		-	-	-	+	+	-
Calendula aegyptiaca Desf.	NP		-	-	+	+	+	+
Calendula arvensis L.	NO		-	-	+	+	+	+
Centaurea melitensis L.	NO		-	-	-	-	+	-
Chrysanthemum coronarium L.	NO		-	-	-	+	+	-
Filago desertorum Pomel	NP		-	-	-	+	-	-
Filago germanica (L.) Huds.	NO		-	-	-	-	-	+
Filago pyramidata L.	NP		-	-	-	+	+	+
Glebionis coronaria (L.) Spach	IP		-	-	-	+	+	-
Hedypnois rhagadioloides (L.) F.W. Schmidt	NO		-	-	-	-	-	+
Hypochoeris achyrophorus L.	NO		-	-	+	-	-	-
Ifloga spicata (Forssk.) Sch. Bip. ssp. *obovata* (Boll.) Kunk.	NO		-	-	+	+	+	+
Kleinia neriifolia Haw.	NS	ES	-	-	+	-	+	+
Laphangium luteoalbum (L.) Tzvelev	NO		-	-	-	-	-	+
Launaea arborescens (Batt.) Murb.	NS		-	-	+	+	+	+
Launaea nudicaulis (L.) Hook. f.	NP		-	-	+	+	+	+
Leontodon taraxacoides (Vill.) Mérat	IP		-	-	+	+	+	+
Otanthus maritimus (L.) Hoffmanns. and Link	NP		-	-	-	-	+	-
Phagnalon purpurascens Sch. Bip.	NP		-	-	-	-	+	-
Phagnalon rupestre (L.) DC.	NP		-	-	+	+	+	-
Reichardia ligulata (Vent.) G. Kunkel and Sunding	NS	ES	-	-	+	+	-	-
Reichardia tingitana (L.) Roth	NP		-	-	-	-	+	+
Senecio glaucus L. ssp. *coronopifolius* (Marie) Alex.	NP		-	-	+	+	+	+

Senecio leucanthemifolius Poir.	NP		-	-	+	+	-	-
Sonchus bourgeaui Sch. Bip. *in* Webb and Berthel.	NS		+	-	-	-	+	-
Sonchus oleraceus L.	NO		-	-	+	-	+	+
Sonchus pinnatifidus Cav.	NS		-	-	+	-	+	-
Urospermum picroides (L.) Scop. *ex* F.W. Schmidt	NO		-	-	+	+	+	+
Balanophoraceae								
Cynomorium coccineum L.	NP		-	-	-	-	+	-
Boraginaceae								
Arnebia decumbens (Vent.) Coss. and Kralik	NP		-	-	-	-	+	-
Buglossoides arvensis (L.) I.M. Johnst.	NP		-	-	+	+	+	+
Echium bonnetii Coincy	NS	ES	-	-	-	-	-	+
Echium lancerottense Lems and Holzapfel	NS	ES	-	-	+	+	+	-
Heliotropium ramosissimum (Lehm.) DC.	NS		-	-	+	+	+	+
Brassicaceae								
Cakile maritima Scop.	NP		-	-	-	-	+	+
Capsella bursa-pastoris (L.) Medik.	NO		-	-	-	-	-	+
Carrichtera annua (L.) DC.	NP		-	-	+	-	+	+
Erucastrum canariense Webb and Berthel.	NS	ES	-	-	-	-	+	-
Lobularia canariensis (DC.) L. Borgen ssp. *marginata* (Webb) L. Borgen	NS		-	-	-	-	+	-
Lobularia libyca (Viv.) C.F.W. Meissn.	NP		-	-	-	-	-	+
Matthiola bolleana Webb ex Christ	NO	ES	-	-	-	-	+	-
Matthiola parviflora (Schousb.) R. Br. *in* W.T. Aiton	NP		-	-	-	-	+	-
Notoceras bicorne (Aiton) Amo	NP		-	-	+	+	+	+
Sinapis arvensis L.	NO		-	-	+	-	+	-
Sisymbrium erysimoides Desf.	NO		-	-	-	+	+	+
Cactaceae								
Minuartia geniculata (Poir.) Thell.	NP		-	-	-	+	+	+
Opuntia dillenii (Ker-Gawl.) Haw.	II		-	-	-	-	-	+
Opuntia maxima Mill.	II		-	-	-	-	+	+
Opuntia tomentosa Salm-Dyck	II		-	-	-	-	-	+
Campanulaceae								
Campanula erinus L.	NO		-	-	-	-	-	+
Wahlenbergia lobelioides (L. f.) Link	NS		-	-	-	+	+	-
Caryophyllaceae								
Arenaria leptoclados (Rchb.) Guss.	NP		-	-	-	-	+	-

Herniaria cinerea DC. *in* Lam. and DC.	NP		-	-	+	+	+	+
Minuartia geniculata (Poir.) Thell.	NP		-	-	+	+	+	-
Polycarpaea divaricata (Aiton) Poir.	NS	ES	-	-	-	-	+	-
Polycarpaea nivea (Aiton) Webb	NS		-	-	+	+	+	+
Polycarpon tetraphyllum (L.) L.	NO		-	-	+	+	+	-
Pteranthus dichotomus Forssk.	NP		-	-	-	-	-	+
Silene apetala Willd.	NO		-	-	-	+	+	+
Silene nocturna L.	NO		-	-	-	-	+	-
Spergularia bocconei (Scheele) Graebn. in Asch. and Graebn.	NO		-	-	-	-	+	+
Spergularia diandra (Guss.) Heldreich	NO		-	-	-	-	+	+
Spergularia fallax (Lowe) E.H.L. Krause *in* Sturm	NP		-	-	+	+	-	+
Spergularia fimbriata Boiss. and Reut.	NP		-	-	+	+	-	-
Spergularia media (L.) C. Presl	IP		-	-	+	+	+	+
Stellaria media (L.) Vill.	IP		-	-	-	-	-	+
Chenopodiaceae								
Arthrocnemum macrostachyum (Moric.) K. Koch	NS		-	-	-	+	+	+
Atriplex glauca L. ssp. *ifniensis* (Caball.) Rivas-Mart. and al.	NP		-	-	+	+	+	+
Atriplex halimus L.	NP		-	-	-	-	+	+
Beta macrocarpa Guss.	NP		-	-	-	+	-	-
Chenoleoides tomentosa (Lowe) Botsch.	NS		+	-	+	+	+	+
Chenopodium album L.	NO		-	-	-	-	+	-
Chenopodium ambrosioides L.	IS		-	-	-	+	+	-
Chenopodium murale L.	IP		+	-	+	+	+	+
Patellifolia patellaris (Moq.) A.J. Scott, Ford-Lloyd and J. T. Williams	NS		+	-	+	+	+	+
Patellifolia procumbens (C. Sm. ex Hornem.) A.J. Scott, Ford-Lloyd and J.T. Williams	NS		-	-	+	+	+	+
Patellifolia webbiana (Moq.) A.J. Scott, Ford-Lloyd and J.T. Williams	NS	ES	-	-	-	+	+	+
Salsola divaricata Masson *ex* Link *in* Buch	NS	ES	+	+	+	+	+	+
Salsola tetrandra Forssk.	NS		-	-	+	+	+	+
Salsola vermiculata L.	NS		-	-	+	+	+	+
Sarcocornia perennis (Mill.) A.J. Scott	NS		-	-	-	-	-	+
Suaeda fruticosa Forssk. *ex* J.F. Gmelin	IS		-	-	-	-	-	+
Suaeda ifniensis Caball. *in* Maire	NP		+	-	+	-	-	+
Suaeda maritima (L.) Dumort.	NS		-	-	+	+	-	-

Suaeda mollis Delile	NS		-	-	-	-	-	-
Suaeda vera Forssk. *ex* J.F. Gmel.	NS		-	+	-	+	+	+
Traganum moquinii Webb *ex* Moq. *in* DC.	NS		-	-	-	-	+	+
Cistaceae								
Helianthemum canariense (Jacq.) Pers.	NS		-	-	+	-	+	+
Convallariaceae								
Asparagus arborescens Willd.	NS	ES	-	-	-	-	+	-
Asparagus nesiotes Svent.	NS		-	-	+	-	+	-
Convolvulaceae								
Convolvulus althaeoides L.	NO		-	-	-	-	-	+
Convolvulus siculus L.	NO		-	-	-	-	+	-
Crassulaceae								
Aeonium arboreum (L.) Webb and Berthel.	NS	ES	-	-	-	-	-	+
Aeonium lancerottense (Praeger) Praeger	NS	ES	-	-	-	-	-	+
Aeonium nobile (Praeger) Praeger	NS	ES	-	-	-	-	-	+
Umbilicus gaditanus Boiss.	NP		-	-	+	+	+	+
Cuscutaceae								
Cuscuta planiflora Ten.	NP		-	-	-	+	+	+
Cyperaceae								
Cyperus capitatus Vand.	NS		-	-	-	-	+	+
Cyperus laevigatus L.	NP		-	-	-	+	-	-
Cyperus rotundus L.	IS		-	-	-	-	-	+
Euphorbiaceae								
Euphorbia balsamifera Aiton	NS		-	-	+	+	+	+
Euphorbia paralias L.	NS		-	-	-	-	+	+
Euphorbia peplus L.	NO		-	-	-	-	+	+
Euphorbia regis-jubae Webb. and Berthel.	NS		-	-	+	+	+	+
Euphorbia terracina L.	NP		-	-	-	+	-	-
Mercurialis annua L.	IP		-	-	+	+	+	+
Ricinus communis L.	II		-	-	-	-	-	+
Fabaceae								
Astragalus hamosus L.	NS		-	-	+	+	+	+
Bituminaria bituminosa (L.) C.H. Stirt.	NP		-	-	+	+	-	-
Coronilla viminalis Salisb.	NP		-	-	+	-	-	-
Lathyrus sativus L.	IS		-	-	-	-	+	-
Lotus glinoides Delile	NP		-	-	+	+	+	+
Lotus lancerottensis Webb and Berthel.	NS		-	-	+	+	+	+

Medicago laciniata (L.) Mill.	NS		-	-	+	+	+	+
Medicago littoralis Rohde *ex* Loisel.	NS		-	-	+	+	-	+
Medicago polymorpha L.	NO		-	-	-	+	+	-
Ononis hebecarpa Webb and Berthel.	NS	ES	-	-	-	-	+	+
Ononis hesperia (Maire) H. Förther and D. Podlech	NS		-	-	-	-	+	-
Ononis laxiflora Desf.	NP		-	-	-	+	-	-
Ononis pendula Desf.	NS		-	-	-	+	-	-
Ononis serrata Forssk.	NO		-	-	+	-	+	+
Trigonella stellata Forssk.	NS		-	-	+	+	+	+
Frankeniaceae								
Frankenia boissieri Reut. ex Boiss.	NS		-	-	-	-	-	+
Frankenia capitata Webb and Berthel.	NS		-	-	-	+	-	+
Frankenia ericifolia C. Sm. *ex* DC.	NS		-	+	+	+	+	+
Frankenia pulverulenta L.	NP		-	-	+	+	+	-
Fumariaceae								
Fumaria bastardii Boreau	NO		-	-	-	-	+	+
Fumaria muralis Sonder *ex* Koch	NP		-	-	-	+	-	-
Geraniaceae								
Erodium botrys (Cav.) Bertol.	NO		-	-	-	-	+	+
Erodium chium (L.) Willd.	NO		-	-	+	+	+	+
Erodium cicutarium (L.) L'Hér. *in* Aiton	NO		-	-	-	-	+	+
Erodium laciniatum (Cav.) Willd.	NO		-	-	-	-	+	-
Erodium malacoides (L.) L'Hér. *in* Aiton	NO		-	-	-	+	+	+
Erodium neuradifolium Delile	NP		-	-	+	-	+	-
Hyacinthaceae								
Scilla dasyantha Webb and Berthel.	NS	ES	-	-	-	-	-	+
Lamiaceae								
Ajuga iva (L.) Schreb.	NP		-	-	+	+	+	+
Micromeria varia Benth. ssp. *rupestris* (Webb and Berthel.) P. Pérez	NS		-	-	+	+	-	-
Salvia aegyptiaca L.	NS		-	-	-	-	-	+
Liliaceae								
Asparagus nesiotes Svent.	NS		-	-	+	-	+	-
Allium subhirsutum L. ssp. *obtusitepalum* (Svent.) G. Kunkel	NS	ESS	-	-	+	+	+	-
Androcymbium psammophilum Svent.	NS	ES	-	-	-	-	-	+
Dipcadi serotinum (L.) Medik.	NP		-	-	+	+	+	+

Linaceae								
Linum strictum L.	NP		-	-	-	+	-	-
Malvaceae								
Malva parviflora L.	NO		-	-	-	+	+	+
Onagraceae								
Oenothera rosea L'Hér. *ex* Aiton	IS		-	-	-	-	-	+
Orobanchaceae								
Cistanche phelipaea (L.) Cout.	NP		-	-	+	+	+	+
Orobanche minor Sm.	NP		-	-	-	-	+	-
Phelipanche gratiosa (Webb) Carlón, G. Gómez, M. Laínz, Moreno Mor., Ó. Sánchez and Schneew.	NS	ES	-	-	-	-	+	-
Oxalidaceae								
Oxalis corniculata L.	NO		-	-	-	-	-	+
Oxalis pes-caprae Ker-Gawl.	II		-	-	-	-	-	+
Papaveraceae								
Papaver dubium L.	NO		-	-	-	+	+	-
Plantaginaceae								
Plantago afra L.	NO		-	-	-	+	+	+
Plantago coronopus L.	NP		-	-	+	+	+	+
Plantago ovata Forssk.	NP		-	-	+	+	+	+
Plantago phaeostoma Boiss. and Heldr.	NO		-	-	+	+	-	-
Plumbaginaceae								
Limonium ovalifolium ssp. *canariensis* Pignatti	NS	IE	-	-	-	-	-	+
Limonium papillatum (Webb and Berthel.) Kuntze	NS		-	-	+	+	+	+
Limonium puberulum (Webb) Kuntze	NS	ES	-	-	-	-	+	-
Limonium tuberculatum (Boiss.) Kuntze	NS		-	-	-	-	-	+
Poaceae								
Agrostis castellana Boiss. and Reut.	NO		-	-	-	-	-	+
Anisantha rigida (Roth) Hyl.	NO		-	-	-	+	+	-
Anisantha rubens (L.)	NS		-	-	+	+	+	-
Arundo donax L.	II		-	-	-	-	-	+
Avena fatua L. ssp. *meridionalis* Malzev	NS		-	-	-	-	+	-
Avena sterilis L.	NO		-	-	-	-	+	-
Bromus rigidus Roth	NO		-	-	-	+	+	-
Castellia tuberculosa (Moris) Bor	NO		-	-	+	+	+	-
Cenchrus ciliaris L.	NP		-	-	-	-	+	+
Ceratochloa cathartica (Vall) Herter	IS		-	-	-	-	-	+

Enneapogon desvauxii P. Beauv.	NO		-	-	-	+	+	+
Eragrostis barrelieri Daveau	NO		-	-	+	+	+	+
Hordeum marinum Huds.	NO		-	-	-	-	-	+
Hordeum murinum L.	NO		-	-	-	-	+	+
Hordeum vulgare L.	IS		-	-	-	-	-	+
Lamarckia aurea (L.) Moench	NP		-	-	+	+	+	+
Lolium perenne L.	IP		-	-	-	-	-	+
Lolium rigidum Gaudin	NO		-	-	-	-	-	+
Ochlopoa annua (L.) H. Scholz	NO		-	-	-	-	-	+
Phalaris canariensis L.	NP		-	-	+	+	+	+
Phalaris minor Retz.	NP		-	-	-	+	+	-
Piptatherum miliaceum (L.) Coss.	NO		-	-	-	-	-	-
Rostraria cristata (L.) Tzvelev	NP		-	-	-	+	+	-
Rostraria pumila (Desf.) Tzvelev	NP		-	-	-	+	+	+
Schismus arabicus Nees	NO		-	-	-	-	-	+
Schismus barbatus (L.) Thell.	NO		-	-	+	+	+	+
Sphenopus divaricatus (Gouan) Rchb.	NO		-	-	-	-	-	+
Stipa capensis Thunb.	NP		-	-	-	+	+	+
Tetrapogon villosus Desf.	NP		-	-	-	+	+	+
Trachynia distachya (L.) Link	NO		-	-	-	+	+	+
Tragus racemosus (L.) All.	NP		-	-	-	+	-	-
Trisetaria panicea (Lam.) Paunero	NO		-	-	-	+	-	-
Polygonaceae								
Emex spinosa (L.) Campd.	NP		-	-	+	+	+	+
Polygonum maritimum L.	NS		-	-	-	-	+	-
Rumex lunaria L.	NS	ES	-	-	-	-	-	+
Rumex vesicarius L.	NP		-	-	+	+	+	+
Portulacaceae								
Portulaca oleracea L.	IS		-	-	-	-	+	-
Primulaceae								
Anagallis arvensis L.	NO		-	-	+	+	+	+
Asterolinon linum-stellatum (L.) Duby *in* DC.	NP		-	-	-	-	+	+
Ranunculaceae								
Adonis microcarpa DC.	IP		-	-	-	-	+	-
Resedaceae								
Oligomeris linifolia (Vahl) J.F. Macbr.	NS		-	-	+	+	+	+
Reseda crystallina Webb and Berthel.	NS	ES	-	-	+	+	+	+

Rubiaceae								
Galium aparine L.	NO		-	-	-	+	-	-
Rubia fruticosa Aiton	NS		+	-	+	-	-	-
Santalaceae								
Thesium humile Vahl	NP		-	-	-	-	-	+
Scrophulariaceae								
Kickxia sagittata (Poir.) Rothm.	NS		-	-	+	-	+	+
Misopates orontium (L.) Raf.	NP		-	-	+	+	+	+
Scrophularia arguta Sol. *ex* Aiton	NS		-	-	+	+	+	+
Solanaceae								
Lycium intricatum Boiss.	NS		+	-	+	+	+	+
Lycopersicon esculentum Mill.	IS		-	-	-	-	+	+
Nicotiana glauca R.C. Graham	II		-	-	+	+	+	+
Solanum nigrum L.	NO		-	-	-	+	+	+
Urticaceae								
Forsskaolea angustifolia Retz.	NS	ES	-	-	+	+	+	+
Parietaria debilis G. Forst.	NP		-	-	-	-	-	+
Verbenaceae								
Verbena supina L.	IP		-	-	-	-	-	+
Zygophyllaceae								
Fagonia cretica L.	NP		-	-	+	+	+	+
Tetraena fontanesii (Webb and Berthel.) Beier and Thulin	NP		+	+	+	+	+	+

Phylum Arthropoda	Or	En	RE	RO	MC	AL	LG	LO
Order Polyxenida								
Polyxenidae								
Macroxenus enghoffi Nguyen Duy-Jacquemin, 1996	NP		-	*	+	-	-	-
Order Julida								
Julidae								
Dolichoiulus wunderlichi Enghoff, 1992	NS	ES	-	*	+	+	-	-
Order Isopoda								
Armadillidae								
Eluma caelata Miers, 1885	II		-	-	+	-	-	-
Venezillo canariensis (Dollfus, 1893)	NS	ES	-	*	+	-	+	-
Halophilosciidae								
Halophiloscia couchi Kinahan, 1858	IP		-	*	+	-	+	-

Ligiidae								
Ligia italica Fabricius, 1798	IP		-	*	+	+	+	-
Platyarthridae								
Trichorhina anophthalma Arcangeli, 1935	NS	ES	-	*	+	-	-	-
Porcellionidae								
Leptotrichus panzeri Audouin, 1826	IS		-	*	-	-	+	-
Porcellio alluaudi Dolfus, 1893	NO		-	*	+	+	+	-
Porcellio lamellatus Budde-Lund, 1885	IP		-	*	-	+	-	-
Porcellio spinipes Dollfus, 1893	NS	ES	-	*	-	-	+	-
Soteriscus disimilis Rodríguez, 1990	NS	ES	*	*	*	*	*	+
Tylidae								
Tylos latreillei Audouin, 1825	IP		-	*	+	+	+	-
Tylos ponticus Grebnitzky, 1874	IP		-	-	+	-	-	-
Order Solifuga								
Karschiidae								
Eusimonia wunderlichi Pieper, 1977	NS	ES	-	*	-	+	+	-
Order Araneae								
Araneidae								
Cyclosa insulana Costa, 1834	NP		-	*	-	+	-	-
Nemoscolus laurae (Simon, 1868)	NP		*	*	*	*	*	+
Neoscona crucifera Lucas, 1839	NO		-	*	-	-	+	-
Neoscona subfusca (Koch, 1837)	NO		*	*	*	*	*	+
Dictynidae								
Dictyna fuerteventurensis Schmidt, 1976	NS	ES	-	*	-	+	-	-
Nigma puella (Simon, 1870)	NS		*	*	*	*	*	+
Dysderidae								
Dysdera alegranzaensis Wunderlich, 1992	NS	IE	-	*	-	+	-	-
Dysdera lancerotensis Simon, 1907	NS	ES	-	*	+	+	-	-
Dysdera nesiotes Simon, 1907	NS	ES	-	*	+	+	-	-
Filistatidae								
Filistata canariensis Schmidt, 1976	NS		-	*	+	+	+	-
Gnaphosidae								
Drassodes lutescens Koch, 1839	NO		-	*	-	+	-	-
Drassodes riedeli Schmidt, 1968	NS	ES	*	*	*	*	*	+
Haplodrassus minor Cambridge, 1879	NO		-	-	+	-	-	-
Oecobius navus Blackwall, 1859	IS		-	*	-	-	+	-
Scotognapha convexa (Simon, 1883)	NS	ES	-	*	-	-	+	-

Scotognapha haria Platnick, Ovtsharenko and Murphy, 2001	NS	ES	-	-	+	-	-	-
Scotophaeus musculus Simon, 1878	NO		-	*	-	+	-	-
Setaphis parvula Lucas, 1846	NS		-	-	+	-	-	-
Setaphis walteri Platnick and Murphy, 1996	NS	ES	*	*	*	*	*	+
Zelotes scrutatus O. P. Cambridge, 1879	NP		-	-	+	-	-	-
Heteropodidae								
Cerbalus alegranzaensis Wunderlich, 1992	NS	IE	-	*	-	+	-	-
Idiopidae								
Titanidiops canariensis Wunderlich, 1992	NS	ES	-	*	-	-	+	-
Linyphiidae								
Styloctetor romanus Cambridge, 1872	NO		-	*	-	+	-	-
Oecobiidae								
Oecobius furcula Wunderlich, 1992	NS	ES	-	*	-	+	-	-
Oecobius navus Blackwall, 1859	IS		-	-	-	-	-	+
Uroctea paivai (Blackwall, 1868)	NS	ES	-	-	-	-	-	+
Oonopidae								
Orchestina pavesii Simon, 1873	NO		-	-	+	-	-	-
Palpimanidae								
Palpimanus canariensis Kulczynski, 1909	NS	ES	-	*	+	+	+	-
Philodromidae								
Philodromus pulchellus Lucas, 1846	NO		*	*	*	*	*	+
Philodromus punctigerus O.P.-Cambridge, 1908	NS	ES	-	*	-	+	-	-
Thanatus arenicola (Schmidt, 1976)	NS	ES	-	*	+	+	+	+
Thanatus fabricii (Audouin, 1826)	NO		*	*	*	*	*	+
Thanatus vulgaris Simon, 1870	NO		-	*	-	-	+	-
Zimirina hirsuta Cooke, 1964	NS	ES	-	*	+	+	-	-
Salticidae								
Aelurillus lucasi Roewer, 1951	NO		-	*	-	+	-	-
Cyrba algerina Lucas, 1846	NO		-	-	+	-	-	-
Heliophanus fuerteventurae Schmidt and Krause, 1996	NS	ES	-	-	+	-	-	-
Macaroeris albosignata Schmidt and Krause, 1996	NS	ES	-	-	+	-	-	-
Macaroeris moebii Böesenberg, 1895	NO		-	*	-	+	-	-
Salticus alegranzaensis Wunderlich, 1995	NS	ES	-	*	+	+	-	-
Yllenus albifrons Lucas, 1846	NP		-	-	+	-	-	-
Yllenus gavdos Logunov and Marusik, 2003	NP		-	*	+	-	-	-

Scytodidae								
Scytodes tenerifensis Wunderlich, 1987	NS	ES	-	-	+	-	-	-
Segestriidae								
Ariadna canariensis Wunderlich, 1995	NS	ES	-	*	-	+	-	-
Segestria bavarica Koch, 1843	NP		-	*	+	-	-	-
Sicariidae								
Loxosceles rufescens Dufour, 1820	IP		-	*	+	-	+	-
Theridiidae								
Eurypoena tuberosa ssp. *alegranzaensis* Wunderlich, 1992	NS	EG	-	*	-	+	-	-
Kochiura aulica (C.L. Koch, 1838)	NO		*	*	*	*	*	+
Latrodectus tredecimguttatus (Rossi, 1790)	NO		*	*	*	*	*	+
Paidiscura orotavensis Schimidt, 1968	NS		+	*	+	+	-	-
Steatoda grossa Koch, 1838	NO		+	*	-	+	-	-
Steatoda nobilis Thorell, 1875	IP		-	*	-	-	+	+
Thomisidae								
Thomisus onustus Walckenaer, 1805	NO		+	*	-	-	+	-
Uloboridae								
Uloborus parvulus Schmidt, 1976	NS	ES	*	*	*	*	*	+
Zodariidae								
Zodarion nesiotes Denis, 1965	NS	ES	-	-	+	-	-	-
Zodarion nesiotioides Wunderlich, 1992	NS	ES	-	*	+	-	-	-
Order Lithobiomorpha								
Lithobiidae								
Lithobius crassipes L. Koch, 1862	NO		-	*	-	+	-	-
Lithobius tenerifae Latzel, 1895	NS		-	*	-	+	-	-
Order Scolopendromorpha								
Cryptopidae								
Cryptops trisulcatus Brölemann, 1902	NO		-	*	+	+	-	-
Scolopendridae								
Scolopendra valida Lucas, 1840	NO		-	*	+	-	+	-
Order Geophilomorpha								
Geophilidae								
Dignathodon microcephalus Lucas, 1846	NP		-	*	-	+	-	-
Pachymerium ferrugineum C.L. Koch, 1835	NO		-	*	+	-	+	-
Schendilidae								
Nannophilus eximius Meinert, 1870	NO		-	*	-	+	-	-

Order Zygentoma								
Lepismatidae								
Ctenolepisma lineata Fabricius, 1775	NO		-	*	+	+	+	-
Ctenolepisma rodriguezi Mendes, Molero, Bach and Gaju, 1993	NS	ES	-	*	-	+	-	-
Ctenolepisma vieirai Mendes, 1981	NP		*	*	*	*	*	+
Neoasterolepisma myrmecobia Silvestri, 1908	NP		-	*	+	+	-	-
Order Odonata								
Aeschnidae								
Anax imperator Leach, 1815	NS		-	*	-	+	-	-
Hemianax ephippiger Burmeister, 1839	NS		-	-	+	-	-	-
Coenagriidae								
Ischnura sahariensis Aguesse, 1968	NS		-	*	-	+	-	-
Libellulidae								
Sympetrum fonscolombei Sélys, 1840	NS		-	-	+	-	-	+
Order Mantodea								
Mantidae								
Pseudoyersinia betancuriae Wiemers	NS	ES	-	-	+	-	-	-
Order Orthoptera								
Acrididae								
Dericorys lobata, 1840	NP		-	*	-	+	+	-
Schistocerca gregaria Forskal, 1775	NP		-	*	+	+	+	-
Sphingonotus pachecoi Bolívar, 1908	NP		-	-	+	-	-	-
Sphingonotus savignyi Saussure, 1884	NP		-	-	-	-	-	+
Gryllidae								
Gryllus bimaculatus De Geer, 1773	IP		-	*	-	-	+	-
Pseudomogoplistes squamiger Fischer, 1843	NP		-	*	-	+	-	-
Pamphagidae								
Purpuraria erna Enderlein, 1929	NS	EG	-	-	+	-	-	+
Order Poduromorpha								
Hypogastruridae								
Xenylla brevisimilis Stach, 1949	NO		-	-	+	-	-	-
Order Entomobryomorpha								
Entomobryidae								
Pseudosinella canariensis Gama, 1974	NS		-	-	+	-	-	-
Seira dinizi Gama, 1988	NO		-	-	+	-	-	-

Order Hemiptera								
Anthocoridae								
Orius laevigatus Fieber, 1860	NP		-	*	-	+	-	-
Orius niger Wolff, 1811	NP		-	*	-	+	-	-
Corixidae								
Corixa affinis Leach, 1817	NP		-	*	-	+	-	-
Sigara lateralis Leach, 1817	NP		-	*	-	+	-	-
Cydnidae								
Byrsinus laticollis (Wagner, 1954)	NO		-	*	+	-	+	-
Cydnus aterrimus Förster, 1771	NO		-	*	-	+	-	-
Macroscytus brunneus Fabricius, 1803	NO		-	*	-	+	-	-
Flatidae								
Cyphopterum posterius Lindberg, 1965	NS	ES	*	*	*	*	*	+
Cyphopterum salinum Lindberg, 1954	NS	ES	*	*	*	*	*	+
Lygaeidae								
Aphanus rolandri Linnaeus, 1758	NO		-	*	-	+	-	-
Camptocera glaberrima Walker, 1872	NP		-	*	-	+	-	-
Geocoris megacephalus Rossi, 1790	NS		-	-	+	-	-	-
Geocoris phaeopterus Germar, 1837	NO		-	-	+	-	-	-
Gonianotus galactodermus Fieber, 1861	NO		-	*	-	+	-	-
Nysius cymoides Spinola, 1840	NO		-	-	+	-	-	-
Nysius thymi ssp. *latus* Wagner 1958	NO		-	*	-	+	-	-
Spilostethus pandurus Scopoli, 1763	NO		-	-	+	-	-	-
Stygnocoris subglaber (Puton, 1889)	NS	ES	-	*	-	+	-	-
Tropistethus seminitens Puton, 1889	NO		-	-	+	-	-	-
Miridae								
Compsonannus longiceps (Wagner, 1965)	NS	ES	-	*	-	-	+	-
Deraeocoris martini (Puton, 1887)	NO		*	*	*	*	*	+
Megacoelum zollikoferiae Lindberg, 1954	NO		-	-	+	-	-	-
Pastocoris putonii (Reuter, 1875)	NO		-	-	+	-	-	+
Phytocoris meinanderi Wagner, 1968	NS	ES	-	*	-	+	+	-
Myrmeleontidae								
Acanthaclisis baetica Rambur, 1842	NP		-	-	+	-	-	-
Notonectidae								
Anisops sardeus Herrich-Schäffer, 1850	NP		-	*	-	+	-	-
Pentatomidae								
Brachynema cinctum (Fabricius, 1775)	NO		-	*	+	+	+	-

Piesmatidae								
Parapiesma rotundatum (Horváth, 1906)	NO		-	-	+	-	-	-
Psyllidae								
Diaphorina continua Loginova, 1972	NO		*	*	*	*	*	+
Saldidae								
Saldula palustris Douglas, 1874	NO		-	*	-	+	-	-
Tingidae								
Dictyonota atlantica Péricart, 1981	NS	ES	-	*	+	+	-	-
Tingis ajugarum Frey-Gessner, 1872	NP		-	*	-	+	-	-
Order Planipennia								
Chrysopidae								
Chrysoperla carnea (Stephens, 1836)	NO		-	-	+	-	-	-
Coniopterygidae								
Semidalis candida Navás, 1916	NP		*	*	*	*	*	+
Hemerobiidae								
Wesmaelius navasi (Andreu, 1911)	NP		*	*	*	*	*	+
Order Coleoptera								
Anobiidae								
Clada oromii Español, 1978	NS		*	*	+	*	*	-
Dignomus gracilipes Wollaston, 1862	NS	ES	*	*	*	*	*	+
Hyperisus filicorne (Israelon, 1974)	NS	ES	*	*	+	*	*	-
Lasioderma latitans (Wollaston, 1861)	IP		*	*	+	*	*	-
Lasioderma minutum Lindberg, 1950	NS	ES	*	*	+	*	*	-
Mezium americanum (Laporte, 1840)	IP		*	*	+	*	*	-
Nicobium villosum (Brullé, 1838)	NS		*	*	+	*	*	-
Piarus basalis Wollaston, 1862	NS	ES	*	*	+	*	*	-
Sphaericus gibbicollis Wollaston, 1862	NS	ES	*	*	+	*	*	-
Stagetus hirtulus ssp. *orientalis* Israelson, 1974	NS	ESS	-	*	-	+	-	-
Anthicidae								
Aulacoderus canariensis (Wollaston, 1864)	NS	ES	-	*	+	+	-	-
Apionidae								
Dieckmanniellus nitidulus Gyllenhal, 1838	NO		-	*	-	-	+	-
Belidae								
Aglycyderes setifer Westwood, 1863	NS	ES	-	*	+	-	-	-
Cantharidae								
Malthinus depauperatus Wollaston, 1862	NS	ES	*	*	+	*	*	-
Malthinus lindbergi Palm, 1975	NS	ES	-	*	-	-	+	-

Carabidae								
Amara rufescens Dejean, 1829	NP		-	*	-	-	+	-
Bembidion atlanticum ssp. *atlanticum Wollaston, 1854*	NS		-	*	-	+	-	-
Bembidion fortunatum Wollaston, 1871	NS	ES	-	*	-	+	-	-
Calosoma olivieri Dejean, 1831	NP		-	*	-	+	+	-
Cymindis discophora Chaudoir, 1873	NO		-	*	+	-	+	+
Cymindis marginella Brullé, 1838	NS	ES	-	*	+	+	-	-
Cymindis moralesi Mateu, 1979	NS	ES	-	*	-	-	+	-
Cymindis suturalis ssp. *pseudosuturalis* Bedel, 1906	NP		*	*	+	*	*	-
Masoreus affinis ssp. *arenicola* Wollaston, 1863	IP		-	*	+	-	+	-
Microlestes gomerensis Lindberg, 1953	NP		-	*	-	-	+	-
Olisthopus elongatus Wollaston, 1854	NS		-	*	+	+	-	-
Orthomus berytensis Reiche and Saulcy, 1854	NP		-	*	-	-	+	-
Orthomus discors (Wollaston, 1864)	NS		-	*	+	+	-	-
Orzolina thalassophila Machado, 1987	NS	EG	*	*	+	*	*	-
Paradromius exornatus ssp. *furvus* Machado, 1992	NS	ES	-	*	+	-	+	-
Philorhizus incertus (Wollaston, 1864)	NS	ES	*	*	+	*	*	-
Poecilus wollastoni Wollaston, 1854	NP		-	*	-	+	-	-
Pogonus chalceus Marsham, 1802	NO		*	*	*	*	*	+
Scarites buparius Förster, 1771	NP		-	*	-	-	+	-
Sphodrus leucophthalmus Linnaeus, 1758	IS		-	*	-	+	-	-
Syntomus fuscomaculatus Motschulsky, 1845	NO		-	*	-	-	+	-
Syntomus lancerotensis (Wollaston, 1864)	NS	ES	-	*	-	+	-	-
Trechus detersus Wollaston, 1864	NS	ES	-	*	-	+	-	+
Chrysomelidae								
Aphthona convexior Lindberg, 1950	NS	ES	-	*	-	-	+	-
Aphthona wachnitzae (Madar and Madar, 1968)	NO		*	*	+	*	*	-
Chrysolina lucidicollis ssp. *grossepunctata* Lindberg, 1950	NS	ES	-	*	-	-	+	-
Cryptocephalus nitidicollis Wollaston, 1864	NS		*	*	+	*	*	-
Macrocoma divisa (Wollaston, 1864)	NS	ES	-	*	+	-	+	-
Macrocoma oromianum Daccordi, 1978	NS		-	*	-	+	-	-
Oxylepus deflexicollis Boheman, 1862	NS		-	*	+	+	-	-
Clambidae								
Clambus complicans Wollaston, 1864	NS	ES	-	*	+	-	-	-

Cleridae								
Canariclerus paivae (Wollaston, 1862)	NS	EG	-	*	+	-	-	-
Necrobia rufipes De Geer, 1775	IP		-	*	-	+	-	-
Coccinelidae								
Coccinella algerica Kovar, 1977	NO		-	*	+	+	+	-
Lindorus lophantae (Blaisdell, 1892)	IP		*	*	+	*	*	-
Nephus flavopictus (Wollaston, 1854)	NP		*	*	+	*	*	-
Parexochomus quadriplagiatus (Wollaston, 1864)	NS	ES	-	*	-	+	-	-
Scymnus canariensis Wollaston, 1864	NS	ES	-	*	+	+	-	-
Curculionidae								
Amaurorhinus clermonti Desbrochers, 1908	NS		*	*	+	*	*	-
Amaurorhinus monizianus Wollaston, 1860	NS		+	*	+	+	+	-
Aphanarthrum affine Wollaston, 1860	NS		-	*	-	-	+	+
Aphanarthrum bicinctum Wollaston, 1860	NS		-	*	+	-	+	-
Aphanarthrum jubae Wollaston, 1860	NS	ES	*	*	+	*	*	+
Canariacalles lanzarotensis (Stüben, 2000)	NS	ES	*	*	+	*	*	-
Coniocleonus excoriatus (Gyllenhal, 1834)	NO		-	*	-	-	+	-
Coniocleonus variolosus (Wollaston, 1864)	NO		*	*	*	*	*	+
Conorhynchus conicirostris (Olivier, 1807)	NO		-	*	-	+	-	+
Depresseremiarhinus brevitarsis (Wollaston, 1864)	NS	ES	-	*	-	+	-	+
Gronops fasciatus Küster, 1851	NO		*	*	+	*	*	-
Herpisticus oculatus Wollaston, 1864	NS	EG	-	*	-	+	-	-
Laparocerus dispar Wollaston, 1864	NS	ES	*	*	+	*	*	-
Laparocerus rasus Wollaston, 1864	NS	ES	*	*	+	*	*	-
Liparthrum bicaudatum Wollaston, 1865	NS	ES	*	*	+	*	*	-
Liparthrum inarmatum Wollaston, 1860	NP		*	*	+	*	*	-
Mesites fusiformis Wollaston, 1861	NS	ES	-	*	-	+	+	+
Onycholips bifurcatus Wollaston, 1861	NS	ES	-	*	+	-	+	-
Pentatemnus arenarius Wollaston, 1861	NS		-	*	+	-	+	+
Pselactus caulium (Wollaston, 1861)	NS	ES	-	*	+	+	-	-
Rhytideres plicatus Olivierm 1790	IS		-	*	-	-	+	-
Sibinia sericea Wollaston, 1864	NS	ES	-	*	-	+	-	-
Sitona gressorius Fabricius, 1775	NO		-	*	-	-	+	-
Smicronyx albosquamosus Wollaston, 1854	NO		*	*	+	*	*	-
Tychius striatulus Gyllenhal, 1836	NO		*	*	*	*	*	+
Dermestidae								
Dermestes frischi Kugelann, 1792	NO		+	*	-	+	-	-

Thorictus vestitus Wollaston, 1864	NS	ES	*	*	+	*	*	-
Dytiscidae								
Herophydrus musicus Klug, 1834	NS		-	*	-	+	-	-
Hygrotus confluens Fabricius, 1787	NS		-	*	-	+	-	-
Endomychidae								
Holoparamecus singularis Becker, 1817	NO		-	*	-	+	-	-
Gietellidae								
Gietella fortunata Constantin and Menier, 1990	NS	ES	-	*	-	+	-	-
Histeridae								
Eutriptus putricola Wollaston, 1862	NS		-	*	-	-	+	-
Gnathoncus rotundatus Kugelann, 1792	NO		-	*	-	-	+	-
Hypocaccus mundus Wollaston, 1864	NS	ES	*	*	*	*	*	+
Saprinus chalcites Illiger, 1807	NP		-	*	-	-	+	-
Saprinus moyses Marseul, 1862	NP		*	*	*	*	*	+
Saprinus proximus Wollaston, 1865	NS	ES	-	*	-	+	+	-
Laemophloeidae								
Cryptolestes spartii (Curtis, 1834)	NO		*	*	+	*	*	-
Latridiidae								
Corticaria maculosa ssp. *lineata* Johnson, 1974	NS	ESS	*	*	+	*	*	+
Metophthalmus ferrugineus Wollaston, 1865	NS	ES	*	*	+	*	*	-
Melyridae								
Attalus chrysanthemi Wollaston, 1862	NS	ES	*	*	+	*	*	-
Attalus hariensis Evers, 1960	NS	ES	*	*	+	*	*	-
Attalus laevicollis Wollaston, 1862	NS		*	*	+	*	*	-
Attalus ochraceus Lindberg, 1950	NS	ES	-	*	-	+	+	-
Dasytes lanzarotensis Palm, 1974	NS	ES	-	*	+	+	+	-
Ifnidius petricola Plata, 1987	NS	ES	-	*	-	+	-	-
Monotomidae								
Europs impressicollis Wollaston, 1854	NS		-	*	-	+	-	-
Nitidulidae								
Carophilus ligneus Murray, 1864	NO		*	*	+	*	*	-
Epuraea ocularis (Fairmaire, 1849)	NO		*	*	-	*	*	-
Meligethes varicollis Wollaston, 1854	NO		*	*	*	*	*	+
Oedemeridae								
Chitona suturalis (Olivider, 1811)	NP		*	*	*	*	*	+
Ptinidae								
Mezium americanum Laporte, 1840	IP		-	*	-	+	-	-

Scarabidae								
Pachydema menieri Baraud, 1985	NS	ES	-	*	-	+	-	-
Pachydema wollastoni Peyerimhoff, 1928	NS	ES	*	*	*	*	*	+
Scraptiidae								
Anaspis canariensis Ermisch, 1967	NS	ES	*	*	+	*	*	-
Staphylinidae								
Atheta coriaria (Kraatz, 1856)	NO		*	*	+	*	*	-
Gyrohypnus marginalis (Wollaston, 1862)	NS	ES	*	*	*	*	*	+
Leptobium nigricolle ssp. *nigricolle* Wollaston, 1862	NS	ESS	-	*	+	+	+	-
Leptobium ruficolle (Wollaston, 1862)	NS	ES	*	*	*	*	*	+
Sunius brevipennis (Wollaston, 1864)	NS	ES	*	*	+	*	*	-
Tenebrionidae								
Arthrodeis costifrons Wollaston, 1864	NS	ES	-	*	+	-	+	+
Arthrodeis geotrupoides Wollaston, 1864	NS	ES	*	*	*	*	*	+
Arthrodeis hartungii Wollaston, 1864	NS	ES	-	*	+	+	-	-
Arthrodeis inflatus Wollaston, 1864	NS	ES	-	*	+	-	+	-
Arthrodeis laticollis (Brullé, 1838)	NS	ES	-	*	-	-	+	+
Arthrodeis malleatus Wollaston, 1864	NS	ES	+	*	+	-	-	-
Arthrodeis punctatulus Wollaston, 1864	NS	ES	+	*	-	+	+	+
Arthrodeis subciliatus Wollaston, 1864	NS	ES	*	*	*	*	*	+
Blaps alternans Brullé, 1838	IP		-	*	-	+	+	-
Blaps gigas Linnaeus, 1767	IP		-	*	-	-	+	-
Boromorphus parvus Wollaston, 1864	NS	ES	-	*	+	-	-	-
Clitobius ovatus (Erichson, 1843)	NP		*	*	*	*	*	+
Gonocephalum affine Billberg, 1815	NO		-	*	-	-	+	-
Gonocephalum oblitum (Wollaston, 1864)	NS	ES	-	*	+	+	+	+
Gonocephalum patruele Erichson, 1843	NP		-	*	-	+	-	+
Hegeter amaroides Solier, 1835	NS	ES	+	*	+	+	+	-
Hegeter deyrollei (Wollaston, 1864)	NS	ES	*	*	+	*	*	+
Hegeter tristis Fabricius, 1792	NP		-	*	+	+	+	-
Melanochrus lacordairi Wollaston, 1864	NS	EG	-	*	-	-	+	+
Melasmana lineatum (Brullé, 1838)	NS	EG	-	*	+	+	+	+
Nesotes aethiops (Wollaston, 1864)	NS	ES	*	*	+	*	*	+
Nesotes picescens (Wollaston, 1864)	NS	ES	*	*	+	*	*	+
Nesotes porrectus (Wollaston, 1864)	NS	ES	*	*	+	*	*	-
Nesotes sabulicola Israelson, 1980	NS	ES	*	*	+	*	*	-
Oxycarops fuscipes (Brullé, 1838)	NS	EG	-	*	+	-	+	-

Paivaea hispida (Brullé, 1838)	NS	ES	+	*	+	+	-	+
Palorus euphorbiae (Wollaston, 1862)	NS	ES	-	*	-	+	-	-
Phaleria cadaverina (Fabricius, 1792)	NS		*	*	*	*	*	+
Phaleria ornata Wollaston, 1864	NS	ES	-	*	-	-	+	-
Phtora angusta (Wollaston, 1861)	NS		*	*	*	*	*	+
Pimelia lutaria Brullé, 1838	NS	ES	-	*	-	-	+	-
Pseudoseriscius fonti (Escalera, 1923)	NS		-	*	+	-	+	-
Zophosis bicarinata ssp. *plicata* Brullé, 1838	NS	ES	-	*	+	+	+	+
Order Lepidoptera								
Arctiidae								
Utetheisa pulchella Linnaeus, 1758	NO		-	*	-	+	-	-
Blastobasidae								
Blastobasis phycidella (Zeller, 1839)	NO		-	-	+	-	-	-
Geometridae								
Aspitates collinaria Holt-White, 1894	NS	ES	-	*	-	+	-	-
Gymnoscelis insulariata Stainton, 1859	NS		-	*	-	+	-	-
Microloxia schmitzi Hausmann, 1994	NP		-	*	-	-	+	-
Scopula guancharia Alpheraky, 1889	NS		-	*	-	+	+	-
Gracillariidae								
Acrocercops hedemanni (Rebel, 1896)	NS		-	-	+	-	-	-
Noctuidae								
Agrotis ipsilon (Hufnagel, 1766)	NO		-	-	+	-	-	-
Agrotis lanzarotensis Rebel, 1894	NS	ES	-	-	+	-	-	-
Cardepia deserticola Hampson, 1905	NP		-	*	-	-	+	-
Chrysodeixis chalcites Esper, [1789]	IP		-	*	-	+	-	-
Eremobastis loslobensis Fischer, Saldaitis and Ivinskis, 2007	NS	ES	*	*	*	*	*	+
Euxoa canariensis Rebel, 1902	NS		-	*	-	-	+	-
Heliothis peltigera Denis and Schiffermüller, 1775	NO		-	*	-	+	-	-
Mniotype usurpatrix ssp. *hariana* Pinker, 1868	NS	ES	-	*	-	+	-	-
Cryphia simonyi (Rogenhofer, 1889)	NS	ES	-	*	-	+	-	-
Paradrina lanzarotensis (Pinker, 1962)	NS	ES	-	*	-	-	+	-
Spodoptera exigua Hübner, 1808	NP		-	*	-	-	+	-
Trichoplusia ni Hübner, [1803]	IP		-	*	-	-	+	-
Nymphalidae								
Vanessa cardui Linnaeus, 1758	NP		-	*	+	+	+	-

Pieridae								
Colias crocea Geoffroy, 1785	NS		-	*	+	+	+	-
Pyralidae								
Euchromius ocelleus (Haworth, 1811)	NO		-	-	+	-	-	-
Nomophila noctuella (Denis and Schiffermüller, 1775)	IP		-	-	+	-	-	-
Sphingidae								
Hippotion celerio Linnaeus, 1758	NP		-	*	-	-	+	-
Hyles livornica ssp. *livornica* Esper, 1779	NP		-	*	-	-	+	-
Hyles tithymali ssp. *tithymali* Boisduval, 1832	NP		-	*	-	-	+	+
Macroglossum stellatarum (Linnaeus, 1758)	NP		-	-	+	-	-	-
Tineidae								
Trichophaga robinsoni Gaedike and Karsholt, 2001	NO		-	-	+	-	-	-
Tortricidae								
Acrolita subsequana Herrich-Schäffer, 1851	NS		-	-	+	-	-	-
Order Diptera								
Acroceridae								
Acrocera cabrerae Frey, 1936	NS	ES	-	-	+	-	-	-
Anthomyiidae								
Anthomyia xanthopus (Hennig, 1974)	NP		*	*	*	*	*	+
Asilidae								
Habropogon pertusus Becker, 1908	NS	ES	-	*	-	+	-	-
Promachus consanguineus (Macquart, 1839)	NS	ES	*	*	*	*	*	+
Saropogon punctipennis Frey, 1958	NS	ES	-	*	+	+	-	-
Bombyliidae								
Anastoechus latifrons (Macquart, 1839)	NS		*	*	*	*	*	+
Dischistus atlanticus (Santos Abreu, 1926)	NS	ES	-	*	-	-	+	+
Calliphoridae								
Calliphora vicina Robineau-Desvoidy, 1830	IP		-	-	+	-	-	-
Lucilia sericata Meigen, 1826	II		+	*	-	+	-	+
Coelopidae								
Malacomyia sciomyzina (Haliday, 1833)	NO		-	-	+	-	-	-
Hippoboscidae								
Ornithophila metallica (Shiner, 1864)	NS		-	-	+	-	-	-
Limoniidae								
Geranomyia canariensis Bergroth, 1889	NS		-	*	-	+	-	-

Stratiomydae								
Alliophleps elliptica Becker, 1908	NS	EG	-	-	+	-	-	-
Syrphidae								
Episyrphus balteatus De Geer, 1776	NS		-	*	-	+	+	-
Eupeodes corollae (Fabricius, 1794)	NP		*	*	*	*	*	+
Paragus tibialis Fallén, 1817	NS		-	*	-	+	-	-
Syritta pipiens Linnaeus, 1758	NS		-	*	-	-	+	-
Tachinidae								
Mintho compressa Fabricius, 1787	NS		-	*	-	+	-	-
Tephritidae								
Trupanea amoena (Frauenfeld, 1857)	NO		-	-	+	-	-	-
Tethinidae								
Tethina grossipes (Becker, 1908)	NS		*	*	*	*	*	+
Tethina marmorata (Becker, 1908)	NS	ES	+	*	-	-	-	-
Therevidae								
Irwiniella purpurariae Frey, 1958	NS	ES	-	*	-	+	-	-
Trixosceliidae								
Trixoscelis puncticornis Becker, 1907	NP		+	*	-	-	-	-
Vermileonidae								
Lampromyia hemmingseni Stuckenberg, 1971	NS	ES	-	-	+	-	-	-
Order Hymenoptera								
Anthoporidae								
Amegilla quadrifasciata (Villers, 1790)	NP		-	*	-	+	+	-
Anthophora alluaudi ssp. *fuerteventurae* Lieftinck, 1958	NS	ESS	-	*	-	+	-	+
Tetralonia maroccana Dusmet, 1928	NP		*	*	*	*	*	+
Thyreus histrionicus (Illiger, 1806)	NP		-	-	+	-	-	-
Chrysididae								
Chrysis hohmanni Linsenmaier, 1993	NS	ES	-	*	-	-	+	-
Crabronidae								
Andrena rutila ssp. xanthoscelis Brullé, 1839	NS	ESS	-	*	-	-	+	-
Crossocerus lindbergi (Beaumont, 1954)	NS	ES	*	*	*	*	*	+
Dryudella sepulchralis (Beaumont, 1968)	NS	ES	*	*	*	*	*	+
Harpactus guichardi (Beaumont, 1968)	NS	ES	*	*	*	*	*	+
Lasioglossum loetum (Brullé, 1839)	NS	ES	-	*	-	+	-	+
Lasioglossum morio ssp. *cordiale* Pérez, 1903	NP		-	*	-	+	-	-
Lasioglossum phoenicurum (Warncke, 1975)	NP		*	*	*	*	*	+
Lindenius efferenus (Kohl, 1915)	NP		*	*	*	*	*	+

Liris micans (Spinola, 1806)	NP		-	-	+	-	-	+
Miscophus guichardi Beaumont, 1968	NS	ES	-	*	-	+	+	-
Miscophus helveticus Kohl, 1883	NP		-	*	-	-	+	+
Miscophus mucronatus (Fabricius, 1793)	NP		*	*	*	*	*	+
Nomioides deceptor Saunders, 1937	NS		-	*	-	+	+	-
Oxybelus cocacolae Verhoeff, 1968	NP		-	*	-	-	+	-
Panurgus dentipes Latreille, 1811	NS		*	*	*	*	*	+
Solierella canariensis Saunders, 1904	NS	ES	*	*	*	*	*	+
Eumenidae								
Ancistrocerus kerneri (Dalla Torre, 1904)	NS	ES	-	*	-	+	-	-
Leptochilus fortunatus Blüthgen, 1958	NS	ES	-	*	+	-	+	+
Leptochilus replenus Giordani-Soika, 1974	NS	ES	*	*	*	*	*	+
Formicidae								
Camponotus feai Emery, 1882	NS	ES	-	*	+	+	+	-
Camponotus carinatus (Brullé, 1839)	NS	ES	-	-	+	-	-	-
Cardiocondyla emeryi Forel, 1839	II		-	*	-	+	-	-
Crematogaster alluaudi Emery, 1893	NS	ES	-	*	-	+	-	-
Crematogaster laestrygon ssp. *canariensis* Emery, 1926	NS	ESS	-	*	-	-	+	-
Leptothorax rottenbergi ssp. *scabriosus* Santschi, 1919	NO		-	*	-	+	-	-
Messor hesperius Santschi, 1927	NO		-	*	+	+	+	-
Monomorium hesperium Emery, 1895	NS	ES	-	*	-	-	+	-
Plagiolepis barbara ssp. *canariensis* Santschi, 1920	NS	ESS	-	*	+	+	+	-
Tetramorium depressum Forel, 1892	NO		+	*	+	+	-	-
Ichneumonidae								
Cryptus praefortis ssp. *insularis* Van Rossem, 1989	NS	ESS	*	-	+	-	-	-
Masaridae								
Quartinia canariensis Blüthgen, 1958	NS	ES	*	*	*	*	*	+
Megrachilidae								
Chalicodoma sicula ssp. *balearica* Tkalcu, 1977	NP		-	*	+	-	-	-
Megachile binominata Smith, 1853	NS	ES	*	*	*	*	*	+
Pompolidae								
Agenioideus oasis Haupt, 1962	NP		-	*	-	-	+	-
Pareiocurgus violaceipennis (Brullé, 1839)	NP		*	*	*	*	*	+
Tachyagetes aemulans (Haupt, 1928)	NS		-	-	+	-	-	-

Tachyagetes lanzarotus Wolf, 1993	NS	ES	-	*	-	+	+	-
Pteromalidae								
Heocolax formiciformis Westwood, 1832	NP		*	-	+	-	-	-
Scoliidae								
Micromeriella aureola ssp. *elegans* Brullé, 1839	NS	ESS	-	*	-	-	+	-
Sphecidae								
Podalonia tydei Le Guillou, 1841	NP		-	*	-	-	+	-
Tiphiidae								
Poecilotiphia gracilis Brullé, 1839	NS	ES	-	*	-	+	-	-
Order Pseudoescorpions								
Cheliferidae								
Canarichelifer teneriffae Beier, 1965	NS	EG	*	-	+	-	-	-
Chtoniidae								
Paraliochthonius canariensis Vachon, 1961	NS	ES	*	-	+	-	-	-
Garypidae								
Garypus beauvoisi Audouin, 1826	NP		*	-	+	-	-	+
Geogarypidae								
Geogarypus minor L. Koch, 1873	NP		*	-	+	-	-	-
Olpiidae								
Calocheirus canariensis (Beier, 1970)	NS	ES	*	-	+	-	-	-
Olpium canariense Beier, 1965	NS	ES	*	-	+	-	-	-
Order Siphonaptera								
Pulicidae								
Xenopsylla gratiosa Jordan and Rothschild, 1923	IS		*	-	+	-	-	-
Order Thysanoptera								
Aeolothripidae								
Melanthrips areolatus Priesner, 1936	NO		*	*	*	*	*	+
Rhipidothrips unicolor zur Strassen, 1965	NO		*	*	*	*	*	+
Phlaeothripidae								
Haplothrips balsaminus zur Strassen, 1966	NO		*	*	*	*	*	+
Haplothrips guanche zur Strassen, 1966	NO		*	*	*	*	*	+
Thripidae								
Odontothrips karnyi Priesner, 1924	NO		*	*	*	*	*	+

Phylum Mollusca	Or	En	RE	RO	MC	AL	LG	LO
Order Pulmonata								
Enidae								
Napaeus huttereri Henríquez, 1991	NS	EG	-	*	-	+	-	*
Ferussaciidae								
Ferussacia vitrea (Webb and Berthelot, 1833)	NS	ES	-	*	+	-	-	*
Helicidae								
Hemicycla flavistoma Ibáñez and Alonso, 1991	NS	ES	-	*	-	+	-	*
Hemicycla sarcostoma (Webb and Berthelot, 1833)	NS	ES	-	*	+	+	-	*
Otala lactea O. F. Müller, 1774	IP		-	*	+	-	-	*
Theba geminata (Mousson, 1857)	NS	ES	+	*	+	+	+	+
Parmacellidae								
Cryptella alegranzae Hutterer and Groh, 1991	NS	IE	-	*	-	+	-	*
Subulinidae								
Rumina decollata Linnaeus, 1758	NP		-	*	+	-	-	+
Trissexodontidae								
Caracollina lenticula Michaud, 1831	NP		-	*	+	-	-	*
Hygromiidae								
Canariella plutonia (R.T Lowe, 1861)	NS	EG	-	-	-	-	-	+