**S1 File. Calculation of the landscape disturbance index to assess habitat disturbance (Fig. A), sampling details across transects and taxonomical identifications, process of abundance-based rarefaction, and taxonomic list indicating the colonisation category (indigenous or exotic) of the species (Table A).**

*Habitat disturbance*

We calculated an index of landscape disturbance ranging from 0 to 100 [1] to represent local habitat disturbance (Fig. A). This index of disturbance increased from the least (native forests) to the most disturbed habitat (intensively managed pastures) considered in the study.

The index of landscape disturbance was calculated as follow [1]. First, we considered different anthropogenic landscape alterations with a different value of "local disturbance" (L): native forests = 0, naturalized vegetation (i.e. usually abandoned pasturelands with spontaneous growth of exotic and native plants) = 1, exotic forest = 2, semi-natural pasture = 3; intensive pasture = 4; orchards = 5; urban/industrial = 6. The sea is equal to "no data". The landscape disturbance of each 100 * 100m grid section in the island was calculated as:

$$D_{i,j} = \left( \frac{2L_{i,j} + \sum_{n=1}^{r} \sum_{m=1}^{c} \frac{L_{n,m}}{d_{(i,j)(n,m)^2}}}{2\max + \sum_{n=1}^{r} \sum_{m=1}^{c} \frac{\max}{d_{(i,j)(n,m)^2}}} \right) \times 100$$

where: *Di,j* is landscape disturbance of the cell (ranged from 0 to 100); *L* is local disturbance of each cell; *r* is number of rows in the map; *c* is number of columns in the map; *d* is distance between two cells; max is maximum theoretical value of disturbance

each cell may take (in this case max = 6). Thus, the influence of each cell surrounding the focal cell is inversely proportional to the square of the distance between the two cells. That is, a cell next to the focal cell (d = 1) has 4 times more influence that a cell two rows apart (d = 2). Although all cells in the island were taken into account, the ones far away from the focal cell had an almost negligible individual influence. The *L* value of the focal cell was multiplied by 2 to guarantee that the landscape alteration of the focal cell ($d = 0$) was double weighted in comparison with the immediately surrounding cells ($d = 1$). Also, the division by the maximum value of each cell was necessary to guarantee that the presence of the ocean would not make all coastal cells to have low *D* (as if the ocean was equivalent to native forest ($L = 0$)). As a beneficial side-effect, this division by the theoretical maximum also guarantees that *D* is not open-scaled since *D* must always be between 0 (no disturbance at all, only possible if all cells had native forest) and 100 (maximum possible disturbance, only possible if all cells had urban/industrial).

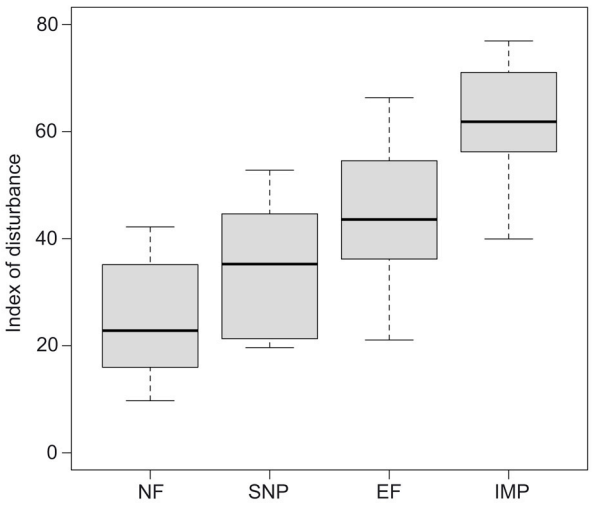


Fig. A. Box plot indicating the median, maximum, minimum, and upper and lower quartiles of the index of disturbance in the four considered habitats: Native forest (NF), Semi-natural pastures (SNP), Exotic forest (EF) and Intensively managed pasture (IMP).

*Sampling details across transects and taxonomical identifications*

Four transects (sampling units) were randomly selected per each combination of habitat and island (n = 64). Native forests were sampled between 1997 and 2004, always during summer (Borges et al., 2005 [2]). Data were collected in the other three habitats on Santa Maria, Faial and Flores during the summer of 2009 (see also Meijer et al., 2011 [3]) and on Terceira during the summer of 2008 (see Cardoso et al., 2009 [4]).

Each 150 m transect consisted of 30 pitfall traps spaced 5 m apart. The pitfall traps were plastic cups with diameters of 42 mm and depths of 78 mm; they were buried in the ground so that the rims of the cups were level with the surface. Half of the traps in each transect were filled with approximately 60 ml of an antifreeze liquid (diluted ethylene glycol), and the other half were filled with the same volume of an attractive Turquin solution made of dark beer, and for each litre of beer, 10 g of chloral hydrate, 5 ml formalin and 5ml glacial acetic acid. The ethylene and Turquin traps were alternated in

each transect. Traps were left in the field for 2 weeks. The obtained arthropods were preserved at 70% ethanol for identification in the laboratory at the species level for the taxa Araneae, Opiliones, Pseudoscorpiones, Diplopoda, Chilopoda and Insects (excluding Collembola, Diplura, Diptera and Hymenoptera). Taxonomic identification was performed in two steps: 1) trained parataxonomists sorted samples into morphospecies (or RTUs, i.e. recognizable taxonomic units, *sensu* [5]) using a non-complete reference collection; 2) experienced taxonomists assisted in the identification of the morphospecies: Andrew Polaszek, António Bivar Sousa, Artur Serrano, Arturo Baz, Fernando Ilharco, Henrik Enghoff, Jordi Ribes, José Quartau, Jörg Wunderlich, Mário Boieiro, Ole Karsholt, Richard zur Strassen, Volker Assing, Volker Manhert and Virgílio Vieira. Because approximately only 16% of taxa were left unidentified, we use the term 'species' throughout the text for simplicity.

*Abundance-based rarefaction*

In order to obtain comparable matrices of species compositions independently of possible differences in sampling efforts, we constructed abundance-based rarefied matrices using a matrix containing both exotic and indigenous species.

1) We selected a number of individuals at random in each transect equal to the minimum number obtained in any of the considered transects (62 individuals). This process was performed using the following line command in the R software ([6]; 'vegan' package, [7]), where 'comm' is the original data matrix:

   rrarefy(comm, min(rowSums(comm)))
2) This process was repeated 10 times.
3) The obtained abundance matrices were subsequently transformed into presence–absence matrices.
4) These presence-absence matrices were used to separately generate matrices

representing the data belonging to each considered habitat (independently of the island) and to each studied island (independently of the habitat), considering both indigenous and exotic species separately.

Table A. Taxonomic list indicating the assumed colonisation category (exotic Ex or indigenous Ind) of the species (* indicates endemic species for the indigenous category).

| **Order** | **Family** | **Species** | Ex/Ind |
|---|---|---|---|
| Araneae | Agelenidae | *Tegenaria domestica* (Clerck) | Ex |
| Araneae | Clubionidae | *Clubiona terrestri*s Westring | Ex |
| Araneae | Dysderidae | *Dysdera crocata* C. L. Koch | Ex |
| Araneae | Gnaphosidae | *Zelotes aeneus* (Simon) | Ex |
| Araneae | Gnaphosidae | *Leptodrassus albidus* Simon | Ex |
| Araneae | Gnaphosidae | *Trachyzelotes lyonneti* (Audouin) | Ex |
| Araneae | Gnaphosidae | *Micaria pallipes* (Lucas) | Ex |
| Araneae | Gnaphosidae | *Haplodrassus signifer* (C.L. Koch) | Ex |
| Araneae | Gnaphosidae | *Zelotes tenuis* (L. Koch) | Ex |
| Araneae | Linyphiidae | *Oedothorax fuscus* (Blackwall) | Ex |
| Araneae | Linyphiidae | *Tenuiphantes tenuis* (Blackwall) | Ex |
| Araneae | Linyphiidae | *Erigone autumnalis* Emerton | Ex |
| Araneae | Linyphiidae | *Erigone dentipalpis* (Wider) | Ex |
| Araneae | Linyphiidae | *Meioneta fuscipalpa* (C.L. Koch) | Ex |
| Araneae | Linyphiidae | *Mermessus fradeorum* (Berland) | Ex |
| Araneae | Linyphiidae | *Ostearius melanopygius* (O.P.-Cambridge) | Ex |
| Araneae | Linyphiidae | *Prinerigone vagans* (Audouin) | Ex |
| Araneae | Linyphiidae | *Erigone atra* Blackwall | Ex |
| Araneae | Linyphiidae | *Pelecopsis parallela* (Wider) | Ex |
| Araneae | Linyphiidae | *Agyneta decora* (O.P.-Cambridge) | Ex |
| Araneae | Linyphiidae | *Mermessus bryantae* (Ivie & Barrows) | Ex |
| Araneae | Linyphiidae | *Erigone* sp.1 | Ex |
| Araneae | Linyphiidae | *Microlinyphia johnsoni* (Blackwall) | Ex |
| Araneae | Mimetidae | *Ero furcata* (Villers) | Ex |
| Araneae | Oecobiidae | *Oecobius navus* Blackwall | Ex |
| Araneae | Salticidae | *Chalcoscirtus infimus* (Simon) | Ex |
| Araneae | Salticidae | *Heliophanus kochii* Simon | Ex |
| Araneae | Salticidae | Gen. sp.1 | Ex |
| Araneae | Tetragnathidae | *Pachygnatha degeeri* Sundevall | Ex |
| Araneae | Tetragnathidae | *Metellina merianae* (Scopoli) | Ex |
| Araneae | Theridiidae | *Cryptachaea blattea* (Urquhart) | Ex |
| Araneae | Theridiidae | *Steatoda grossa* (C.L. Koch) | Ex |
| Araneae | Thomisidae | *Xysticus nubilus* Simon | Ex |
| Araneae | Zodariidae | *Zodarion atlanticum* Pekár & Cardoso | Ex |
| Araneae | Araneidae | *Gibbaranea occidentalis* Wunderlich | Ind* |
| Araneae | Linyphiidae | *Meioneta depigmentata* (Wunderlich) | Ind* |

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|---|---|---|---|
| Araneae | Linyphiidae | *Canariphantes acoreensis* (Wunderlich) | Ind* |
| Araneae | Linyphiidae | *Canariphantes relictus* Crespo & Bosmans | Ind* |
| Araneae | Linyphiidae | *Acorigone acoreensis* (Wunderlich) | Ind* |
| Araneae | Linyphiidae | *Minicia floresensis* Wunderlich | Ind* |
| Araneae | Linyphiidae | *Porrhomma borgesi* Wunderlich | Ind* |
| Araneae | Linyphiidae | *Canariphantes junipericola* Crespo & Bosmans | Ind* |
| Araneae | Lycosidae | *Pardosa acorensis* Simon | Ind* |
| Araneae | Pisauridae | *Pisaura acoreensis* Wunderlich | Ind* |
| Araneae | Salticidae | *Neon acoreensis* Wunderlich | Ind* |
| Araneae | Theridiidae | *Rugathodes acoreensis* Wunderlich | Ind* |
| Araneae | Dictynidae | *Lathys dentichelis* (Simon) | Ind |
| Araneae | Linyphiidae | *Tenuiphantes miguelensis* Wunderlich | Ind |
| Araneae | Linyphiidae | *Palliduphantes schmitzi* (Kulczynski) | Ind |
| Araneae | Oecobiidae | *Oecobius similis* Kulczynski | Ind |
| Araneae | Theridiidae | *Theridion musivivum* Schmidt | Ind |
| Araneae | Thomisidae | *Xysticus cor* Canestrini | Ind |
| Blattaria | Blattellidae | *Loboptera decipiens* (Germar) | Ind |
| Blattaria | Polyphagidae | *Zetha vestita* (Brullé) | Ind |
| Chordeumatida | Haplobainosomatidae | *Haplobainosoma lusitanum* Verhoeff | Ex |
| Coleoptera | Phalacridae | Gen. sp.2 | Ex |
| Coleoptera | Anthicidae | Gen. sp.2 | Ex |
| Coleoptera | Anthicidae | Gen. sp.1 | Ex |
| Coleoptera | Bothrideridae | *Anommatus duodecimstriatus* (Muller) | Ex |
| Coleoptera | Carabidae | *Paranchus albipes* (Fabricius) | Ex |
| Coleoptera | Carabidae | *Anisodactylus binotatus* (Fabricius) | Ex |
| Coleoptera | Carabidae | *Pterostichus vernalis* (Panzer) | Ex |
| Coleoptera | Carabidae | *Pseudophonus rufipes* (DeGeer) | Ex |
| Coleoptera | Carabidae | *Amara aenea* (De Geer) | Ex |
| Coleoptera | Carabidae | *Harpalus distinguendus* (Duftschmidt) | Ex |
| Coleoptera | Carabidae | *Agonum muelleri* (Herbst) | Ex |
| Coleoptera | Carabidae | *Laemosthenes complanatus* Dejean | Ex |
| Coleoptera | Chrysomelidae | *Chaetocnema hortensis* (Fourcroy) | Ex |
| Coleoptera | Chrysomelidae | *Longitarsus kutscherae* (Rye) | Ex |
| Coleoptera | Chrysomelidae | *Bruchus* sp.2 | Ex |
| Coleoptera | Chrysomelidae | *Psylliodes chrysocephalus* (Linnaeus) | Ex |
| Coleoptera | Chrysomelidae | *Epitrix cucumeris* Harris | Ex |

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|---|---|---|---|
| Coleoptera | Coccinellidae | *Nephus helgae* Fursh | Ex |
| Coleoptera | Corylophidae | *Sericoderus lateralis* (Gyllenhal) | Ex |
| Coleoptera | Corylophidae | Gen. sp.5 | Ex |
| Coleoptera | Cryptophagidae | *Cryptophagus* sp.1 | Ex |
| Coleoptera | Cryptophagidae | *Cryptophagus* sp.9 | Ex |
| Coleoptera | Cryptophagidae | *Cryptophagus* sp.2 | Ex |
| Coleoptera | Cryptophagidae | *Cryptophagus* sp.3 | Ex |
| Coleoptera | Cryptophagidae | *Cryptophagus* cf. *cellaris* | Ex |
| Coleoptera | Curculionidae | *Sitona discoideus* Gyllenhal | Ex |
| Coleoptera | Curculionidae | *Otiorhynchus cribicollis* Gyllenhal | Ex |
| Coleoptera | Curculionidae | *Coccotrypes carpophagus* (Hornung) | Ex |
| Coleoptera | Curculionidae | *Sitona* sp.1 | Ex |
| Coleoptera | Curculionidae | *Otiorhynchus rugosostriatus* (Goeze) | Ex |
| Coleoptera | Curculionidae | *Xyleborinus alni* Nijima | Ex |
| Coleoptera | Curculionidae | *Sitona* sp.5 | Ex |
| Coleoptera | Curculionidae | *Gymnetron pascuorum* (Gyllenhal) | Ex |
| Coleoptera | Curculionidae | *Sitona puberulus* Reitter | Ex |
| Coleoptera | Curculionidae | *Pantomorus cervinus* (Boheman) | Ex |
| Coleoptera | Curculionidae | Gen. sp.1 | Ex |
| Coleoptera | Curculionidae | *Tychius picirostris* (Fabricius) | Ex |
| Coleoptera | Curculionidae | *Sitona* sp.4 | Ex |
| Coleoptera | Dryophthoridae | *Sphenophorus abbreviatus* (Fabricius) | Ex |
| Coleoptera | Elateridae | *Aeolus melliculus* Tarnier | Ex |
| Coleoptera | Elateridae | *Heteroderes vagus* Candèze | Ex |
| Coleoptera | Elateridae | *Melanotus dichrous* Erichson | Ex |
| Coleoptera | Endomychidae | *Holoparamecus caularum* (Aubé) | Ex |
| Coleoptera | Hydrophilidae | *Cercyon* sp.1 | Ex |
| Coleoptera | Hydrophilidae | *Sphaeridium bipustulatum* (Fabricius) | Ex |
| Coleoptera | Hydrophilidae | *Cercyon haemorrhoidalis* (Fabricius) | Ex |
| Coleoptera | Laemophloeidae | Gen. sp.3 | Ex |
| Coleoptera | Monotomidae | *Monotoma* sp.1 | Ex |
| Coleoptera | Mycetophagidae | *Typhaea stercorea* (Linnaeus) | Ex |
| Coleoptera | Nitidulidae | *Stelidota geminata* (Say) | Ex |
| Coleoptera | Nitidulidae | *Epuraea biguttata* (Thunberg) | Ex |
| Coleoptera | Nitidulidae | *Carpophilus fumatus* (Boheman) | Ex |
| Coleoptera | Nitidulidae | *Carpophilus* sp.1 | Ex |
| Coleoptera | Nitidulidae | *Phenolia limbata* (Boheman) | Ex |
| Coleoptera | Nitidulidae | *Carpophilus hemipterus* (Linnaeus) | Ex |
| Coleoptera | Nitidulidae | *Brachypeplus mauli* Gardner & Classey | Ex |
| Coleoptera | Nitidulidae | *Omosita colon* (Linnaeus) | Ex |
| Coleoptera | Nitidulidae | *Meligethes aeneus* (Fabricius) | Ex |

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|---|---|---|---|
| Coleoptera | Nitidulidae | *Carpophilus* sp.3 | Ex |
| Coleoptera | Phalacridae | Gen. sp.1 | Ex |
| Coleoptera | Ptiliidae | *Ptenidium pusillum* (Gyllenhal) | Ex |
| Coleoptera | Ptiliidae | Gen. sp.1 | Ex |
| Coleoptera | Rhizophagidae | Gen. sp.1 | Ex |
| Coleoptera | Scarabaeidae | *Calamosternus granarius* (Linnaeus) | Ex |
| Coleoptera | Scarabaeidae | *Onthophagus taurus* (Schreber) | Ex |
| Coleoptera | Scarabaeidae | *Popillia japonica* Newman | Ex |
| Coleoptera | Scarabaeidae | *Onthophagus vacca* (Linnaeus) | Ex |
| Coleoptera | Silvanidae | *Cryptamorpha desjardinsii* (Guérin-Méneville) | Ex |
| Coleoptera | Staphylinidae | *Anotylus nitidifrons* (Wollaston) | Ex |
| Coleoptera | Staphylinidae | *Tachyporus chrysomelinus* (Linnaeus) | Ex |
| Coleoptera | Staphylinidae | *Atheta fungi* (Gravenhorst) | Ex |
| Coleoptera | Staphylinidae | *Tachyporus nitidulus* (Fabricius) | Ex |
| Coleoptera | Staphylinidae | *Cordalia obscura* (Gravenhorst) | Ex |
| Coleoptera | Staphylinidae | *Amischa analis* (Gravenhorst) | Ex |
| Coleoptera | Staphylinidae | *Aleochara bipustulata* (Linnaeus) | Ex |
| Coleoptera | Staphylinidae | *Oligota parva* Kraatz | Ex |
| Coleoptera | Staphylinidae | *Atheta aeneicollis* (Sharp) | Ex |
| Coleoptera | Staphylinidae | *Gyrohypnus fracticornis* (Muller) | Ex |
| Coleoptera | Staphylinidae | *Trichiusa immigrata* Lohse | Ex |
| Coleoptera | Staphylinidae | *Xantholinus longiventris* Heer | Ex |
| Coleoptera | Staphylinidae | *Anotylus nitidulus (Gravenhorst)* | Ex |
| Coleoptera | Staphylinidae | *Phloeonomus punctipennis* Thomson | Ex |
| Coleoptera | Staphylinidae | *Paraphloeostiba gayndahensis* (MacLeay) | Ex |
| Coleoptera | Staphylinidae | *Atheta amicula* (Stephens) | Ex |
| Coleoptera | Staphylinidae | *Anotylus* sp.2 | Ex |
| Coleoptera | Staphylinidae | *Gabrius nigritulus* (Gravenhorst) | Ex |
| Coleoptera | Staphylinidae | *Philonthus politus* (Linnaeus) | Ex |
| Coleoptera | Staphylinidae | *Coproporus pulchellus* (Erichson) | Ex |
| Coleoptera | Staphylinidae | *Euplectus infirmus* (Raffray) | Ex |
| Coleoptera | Staphylinidae | Gen. sp.13 | Ex |
| Coleoptera | Throscidae | *Trixagus* sp.2 | Ex |
| Coleoptera | Trogidae | *Trox scaber* (Linnaeus) | Ex |
| Coleoptera | Carabidae | *Olisthopus inclavatus* Istaelson | Ind* |
| Coleoptera | Ciidae | *Atlantocis gillerforsi* Israelson | Ind* |
| Coleoptera | Curculionidae | *Pseudechinosoma nodosum* Hustache | Ind* |
| Coleoptera | Curculionidae | *Drouetius borgesi* Machado | Ind* |
| Coleoptera | Curculionidae | *Caulotrupis parvus* Israelson | Ind* |
| Coleoptera | Curculionidae | *Donus multifidus* (Israelson) | Ind* |
| Coleoptera | Curculionidae | *Drouetius azoricus* (Machado, 2009) | Ind* |
| Coleoptera | Dytiscidae | *Hydroporus guernei* Régimbart | Ind* |
| Coleoptera | Elateridae | *Heteroderes azoricus* (Tarnier) | Ind* |

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|---|---|---|---|
| Coleoptera | Elateridae | *Alestrus dolosus* (Crotch) | Ind* |
| Coleoptera | Elateridae | *Athous pomboi* Platia & Borges | Ind* |
| Coleoptera | Elateridae | *Athous azoricus* Platia & Gudenzi | Ind* |
| Coleoptera | Lathridiidae | *Metophthalmus occidentalis* Israelson | Ind* |
| Coleoptera | Leiodidae | *Catops velhocabrali* Blas & Borges | Ind* |
| Coleoptera | Zopheridae | *Tarphius pomboi* Borges | Ind* |
| Coleoptera | Zopheridae | *Tarphius wollastoni* Crotch | Ind* |
| Coleoptera | Zopheridae | *Tarphius serranoi* Borges | Ind* |
| Coleoptera | Zopheridae | *Tarphius depressus* Gillerfors | Ind* |
| Coleoptera | Zopheridae | *Tarphius rufonodulosus* Israelson | Ind* |
| Coleoptera | Anthicidae | *Hirticollis quadriguttatus* (Rossi) | Ind |
| Coleoptera | Brentidae | *Aspidapion radiolus* (Wollaston) | Ind |
| Coleoptera | Carabidae | *Ocys harpaloides* (Audinet-Serville) | Ind |
| Coleoptera | Carabidae | *Calosoma olivieri* Dejean | Ind |
| Coleoptera | Carabidae | *Stenolophus teutonus* (Schrank) | Ind |
| Coleoptera | Carabidae | *Pterostichus aterrimus* (Herbst) | Ind |
| Coleoptera | Carabidae | *Acupalpus dubius* Schilsky | Ind |
| Coleoptera | Carabidae | *Microlestes negrita* (Wollaston) | Ind |
| Coleoptera | Carabidae | *Notiophilus quadripunctatus* Dejean | Ind |
| Coleoptera | Chrysomelidae | *Psylliodes marcidus* (Illiger) | Ind |
| Coleoptera | Chrysomelidae | *Chrysolina bankii* (Fabricius) | Ind |
| Coleoptera | Coccinellidae | *Rhyzobius litura* (Fabricius) | Ind |
| Coleoptera | Coccinellidae | *Scymnus interruptus* (Goeze) and *Scymnus nubilus* Mulsant | Ind |
| Coleoptera | Corylophidae | Gen. sp.1 | Ind |
| Coleoptera | Curculionidae | *Pseudophloeophagus tenax* (Wollaston) | Ind |
| Coleoptera | Curculionidae | *Cathormiocerus curvipes* (Wollaston) | Ind |
| Coleoptera | Curculionidae | *Orthochaetes insignis* (Aubé) | Ind |
| Coleoptera | Curculionidae | *Pseudophloeophagus aenopiceus* (Boheman) | Ind |
| Coleoptera | Dasytidae | *Psilothrix viridicoerulea* (Geoffroy) | Ind |
| Coleoptera | Dryopidae | *Dryops luridus* (Erichson) | Ind |
| Coleoptera | Dryopidae | *Dryops algiricus* Lucas | Ind |
| Coleoptera | Dytiscidae | *Agabus bipustulatus* (Linnaeus) | Ind |
| Coleoptera | Laemophloeidae | *Placonotus* sp.1 | Ind |
| Coleoptera | Laemophloeidae | *Cryptolestes* sp.1 | Ind |
| Coleoptera | Leiodidae | *Catops coracinus* Kellner | Ind |
| Coleoptera | Phalacridae | *Stilbus testaceus* (Panzer) | Ind |
| Coleoptera | Scraptiidae | *Anaspis proteus* (Wollaston) | Ind |
| Coleoptera | Scydmaenidae | *Cephennium distinctum* Besuchet | Ind |
| Coleoptera | Staphylinidae | *Rugilus orbiculatus* (Paykull) | Ind |
| Coleoptera | Staphylinidae | *Quedius curtipennis* Bernhauer | Ind |
| Coleoptera | Staphylinidae | *Ocypus olens* (Muller) | Ind |

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|---|---|---|---|
| Coleoptera | Staphylinidae | *Ocypus aethiops* (Waltl) | Ind |
| Coleoptera | Staphylinidae | *Carpelimus corticinus* (Gravenhorst) | Ind |
| Coleoptera | Staphylinidae | *Proteinus atomarius* Erichson | Ind |
| Coleoptera | Staphylinidae | *Quedius simplicifrons* (Fairmaire) | Ind |
| Coleoptera | Staphylinidae | *Astenus lyonessius* (Joy) | Ind |
| Coleoptera | Staphylinidae | *Phloeonomus* sp.1 | Ind |
| Coleoptera | Staphylinidae | *Pseudoplectus perplexus* (Jacquelin du Val) | Ind |
| Coleoptera | Staphylinidae | *Phloeonomus* sp. 4 | Ind |
| Coleoptera | Staphylinidae | *Sepedophilus lusitanicus* (Hammond) | Ind |
| Coleoptera | Staphylinidae | *Scopaeus portai* Luze | Ind |
| Coleoptera | Staphylinidae | *Tachyporus* sp.1 | Ind |
| Dermaptera | Anisolabididae | *Euborellia annulipes* (Lucas) | Ex |
| Dermaptera | Forficulidae | *Forficula auricularia* Linnaeus | Ex |
| Geophilomorpha | Geophilidae | *Geophilus truncorum* Bergsoe & Meinert | Ind |
| Hemiptera | Anthocoridae | *Buchananiella continua* (White) | Ex |
| Hemiptera | Aphididae | *Rhopalosiphonimus latysiphon* (Davidson) | Ex |
| Hemiptera | Aphididae | *Rhopalosiphum oxyacanthae* (Schrank) | Ex |
| Hemiptera | Aphididae | *Neomyzus circumflexus* (Buckton) | Ex |
| Hemiptera | Aphididae | *Dysaphis plantaginea* (Passerini) | Ex |
| Hemiptera | Aphididae | *Toxoptera aurantii* (Boyer de Fonscolombe) | Ex |
| Hemiptera | Coccidae | Gen. sp.4 | Ex |
| Hemiptera | Coccidae | Gen. sp.1 | Ex |
| Hemiptera | Coccidae | Gen. sp.2 | Ex |
| Hemiptera | Coccidae | Gen. sp.3 | Ex |
| Hemiptera | Psyllidae | Gen. sp.2 | Ex |
| Hemiptera | Reduviidae | *Triatoma rubrofasciata* (De Geer) | Ex |
| Hemiptera | Cicadellidae | *Aphrodes hamiltoni* Quartau & Borges | Ind* |
| Hemiptera | Cixiidae | *Cixius azoterceirae* Remane & Asche | Ind* |
| Hemiptera | Cixiidae | *Cixius azopifajo* Remane & Asche | Ind* |
| Hemiptera | Cixiidae | *Cixius azofloresi* Remane & Asche | Ind* |
| Hemiptera | Cixiidae | *Cixius azomariae* Remane & Asche | Ind* |
| Hemiptera | Lygaeidae | *Nysius atlantidum* Horváth | Ind* |
| Hemiptera | Aleyrodidae | Gen. sp.1 | Ind |
| Hemiptera | Anthocoridae | *Brachysteles parvicornis* (A. Costa) | Ind |
| Hemiptera | Aphididae | *Acyrthosiphon pisum* Harris | Ind |
| Hemiptera | Aphididae | *Pseudacaudella rubida* (Börner) | Ind |
| Hemiptera | Cicadellidae | *Anoscopus albifrons* (Linnaeus) | Ind |
| Hemiptera | Cicadellidae | *Euscelidius variegatus* | Ind |

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|---|---|---|---|
| | | (Kirschbaum) | |
| Hemiptera | Cicadellidae | Gen. sp.1 | Ind |
| Hemiptera | Cicadellidae | Gen. sp.4 | Ind |
| Hemiptera | Cydnidae | *Geotomus punctulatus* (Costa) | Ind |
| Hemiptera | Delphacidae | *Megamelodes quadrimaculatus* (Signoret) | Ind |
| Hemiptera | Delphacidae | *Kelisia ribauti* Wagner | Ind |
| Hemiptera | Delphacidae | Gen. sp.4 | Ind |
| Hemiptera | Flatidae | *Cyphopterum adcendens* (Herr.-Schaff.) | Ind |
| Hemiptera | Lachnidae | *Cinara juniperi* (De Geer) | Ind |
| Hemiptera | Lygaeidae | *Scolopostethus decoratus* (Hahn) | Ind |
| Hemiptera | Lygaeidae | *Microplax plagiata* (Fieber) | Ind |
| Hemiptera | Lygaeidae | *Plinthisus brevipennis* (Latreille) | Ind |
| Hemiptera | Lygaeidae | *Kleidocerys ericae* (Horváth) | Ind |
| Hemiptera | Lygaeidae | *Beosus maritimus* (Scopoli) | Ind |
| Hemiptera | Lygaeidae | *Eremocoris maderensis* (Wollaston) | Ind |
| Hemiptera | Lygaeidae | *Aphanus rolandri* (Linnaeus) | Ind |
| Hemiptera | Lygaeidae | *Emblethis denticollis* Horváth | Ind |
| Hemiptera | Microphysidae | *Loricula coleoptrata* (Fallén) | Ind |
| Hemiptera | Miridae | *Pithanus maerkelii* (Herrich-Schaeffer) | Ind |
| Hemiptera | Nabidae | *Nabis pseudoferus* Remane | Ind |
| Hemiptera | Tingidae | *Acalypta parvula* (Fallén) | Ind |
| Hemiptera | Triozidae | *Trioza laurisilvae* Hodkinson | Ind |
| Julida | Blaniulidae | *Blaniulus guttullatus* (Fabricius) | Ex |
| Julida | Blaniulidae | Choneiulus palmatus (Nemec) | Ex |
| Julida | Blaniulidae | *Proteroiulus fuscus* (Am Stein) | Ex |
| Julida | Blaniulidae | *Nopoiulus kochii* (Gervais) | Ex |
| Julida | Julidae | *Ommatoiulus moreletii* (Lucas) | Ex |
| Julida | Julidae | *Cylindroiulus propinquus* (Porat) | Ex |
| Julida | Julidae | *Brachyiulus pusillus* (Leach) | Ex |
| Julida | Julidae | *Cylindroiulus latestriatus* (Curtis) | Ex |
| Lithobiomorpha | Lithobiidae | *Lithobius pilicornis* Newport | Ind |
| Lithobiomorpha | Lithobiidae | *Lithobius* sp.2 | Ind |
| Microcoryphia | Machilidae | *Trigoniophthalmus borgesi* Mendes et al. | Ind* |
| Microcoryphia | Machilidae | *Dilta saxicola* (Womersley) | Ind |
| Neuroptera | Hemerobiidae | Gen. sp.1 | Ind |
| Opiliones | Phalangiidae | *Leiobunum blackwalli* Meade | Ind |
| Opiliones | Phalangiidae | *Homalenotus coriaceus* (Simon) | Ind |
| Orthoptera | Gryllidae | *Gryllus bimaculatus* (De Geer) | Ex |
| Orthoptera | Gryllidae | *Eumodicogryllus bordigalensis* (Latreille) | Ex |
| Orthoptera | Gryllidae | Gen. sp.1 | Ex |
| Polydesmida | Paradoxosomatidae | *Oxidus gracilis* (C.L.Koch) | Ex |
| Polydesmida | Polydesmidae | *Polydesmus coriaceus* Porat | Ex |
| Pseudoscorpiones | Chthoniidae | *Chthonius ischnocheles* (Hermann) | Ex |

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|---|---|---|---|
| Pseudoscorpiones | Chthoniidae | *Chthonius tetrachelatus* (Preyssler) | Ex |
| Pseudoscorpiones | Neobisiidae | *Neobisium maroccanum* Beier | Ind |
| Psocoptera | Ectopsocidae | *Ectopsocus briggsi* McLachlan | Ex |
| Psocoptera | Lachesillidae | *Lachesilla greeni* (Pearman) | Ex |
| Psocoptera | Elipsocidae | *Elipsocus azoricus* Meinander | Ind* |
| Psocoptera | Peripsocidae | *Peripsocus subfasciatus* (Rambur) | Ind |
| Scolopendromorpha | Cryptopidae | *Cryptops hortensis* Leach | Ind |
| Scutigeromorpha | Scutigeridae | *Scutigera coleoptrata* (Linnaeus) | Ex |
| Symphyla | Scutigerellidae | *Scutigerella immaculata* (Newport) | Ind |
| Thysanoptera | Phlaeothripidae | *Nesothrips propinquus* (Bagnall) | Ex |
| Thysanoptera | Phlaeothripidae | *Hoplothrips corticis* (De Geer) | Ind |
| Thysanoptera | Thripidae | *Ceratothrips ericae* (Haliday) | Ind |

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