

Pedro Miguel Cardoso
Supervisor for doctoral programme, Curator, Visiting scholar
Finnish Museum of Natural History
Zoology
Doctoral Programme in Wildlife Biology
Type of address: Postal address.
Viikinkaari 1
Biocentre 3
00790
Helsinki
Finland
Email: pedro.cardoso@helsinki.fi



Publications

Calculating functional diversity metrics using neighbor-joining trees

Cardoso, P., Guillerme, T., Mammola, S., Matthews, T. J., Rigal, F., Rodrigues Leandro Roza, C. G., Ståhls, G. & Carvalho, J. C., 30 Apr 2024, In: *Ecography*. 11 p., e07156.

The BALA project: A pioneering monitoring of Azorean forest invertebrates over two decades (1999–2022)

Pozsgai, G., Lhoumeau, S., Amorim, I. R., Boeiro, M., Cardoso, P., Costa, R., Ferreira, M. T., Leite, A., Malumbres-Olarte, J., Oyarzabal, G., Rigal, F., Ros-Prieto, A., Santos, A. M. C., Gabriel, R. & Borges, P. A. V., 11 Apr 2024, In: *Scientific data*. 11, 1, 9 p., 368.

Effects of plant taxonomic position on soil nematode communities in Antarctica

Zhang, A., Song, H., Liu, Z., Cui, H., Ding, H., Chen, S., Xiao, S., An, L. & Cardoso, P., 2 Apr 2024, In: *Conservation Biology*. 10 p., e14264.

Functional convergence underground? The scale-dependency of community assembly processes in European cave spiders

Mammola, S., Graco-Roza, C., Ballarin, F., Hesselberg, T., Isaia, M., Lunghi, E., Mouron, S., Pavlek, M., Tolve, M. & Cardoso, P., 29 Mar 2024, In: *Global Ecology and Biogeography*. 14 p.

Standardised inventories of spiders (Arachnida, Araneae) of Macaronesia III: dry habitats of Cabo Verde Archipelago (São Vicente and Santo Antão)

Crespo, L. C. F., Cardoso, P., Malumbres-Olarte, J., Pereira, F., Romeiras, M., Ros-Prieto, A., Rigal, F. & Borges, P. A. V., 28 Mar 2024, In: *Biodiversity Data Journal*. 12, 29 p., e115464.

Effective conservation of subterranean-roosting bats

Meierhofer, M., Johnson, J. S., Perez-Jimenez, J., Ito dos Santos, F., Webela, P. W., Wiantoro, S., Bernard, E., Tanalgo, K. C., Hughes, A. C., Cardoso, P., Lilley, T. M. & Mammola, S., Feb 2024, In: *Conservation Biology*. 38, 1, 13 p., e14157.

Perspectives and pitfalls in preserving subterranean biodiversity through protected areas

Mammola, S., Altermatt, F., Alther, R., Amorim, I. R., Băncilă, R., Borges, P. A. V., Brad, T., Brankovits, D., Cardoso, P. M., Cerasoli, F., Chauveau, C. A., Delić, T., Di Lorenzo, T., Faille, A., Fišer, C., Flot, J-F., Gabriel, R., Galassi, D. M. P., Garzoli, L., Griebler, C., & 15 others Konecny-Dupré, L., Martínez, A., Mori, N., Nanni, V., Ogorelec, Ž., Pallarés, S., Salussolia, A., Saccò, M., Stoch, F., Vaccarelli, I., Zagmajster, M., Zित्रa, C., Meierhofer, M., Sánchez-Fernández, D. & Malard, F., 16 Jan 2024, In: *npj Biodiversity*. 3, 9 p., 2.

Modelling the probability of meeting IUCN Red List criteria to support reassessments

Henry, E. G., Santini, L., Butchart, S. H. M., González-Suárez, M., Lucas, P. M., Benítez-López, A., Mancini, G., Jung, M., Cardoso, P., Zizka, A., Meyer, C., Akçakaya, H. R., Berryman, A. J., Cazalis, V. & Di Marco, M., Jan 2024, In: *Global Change Biology*. 30, 1, 13 p., e17119.

Reform wildlife trade in the European Union

Cardoso, P. M., Fukushima, C. S., MAXHELAKU, ARMELA., Poczai, P., Porto, M., Puksas, A., Saar, I., Stringham, O., Toomes, A., Vargas, T. & Verissimo, D., 2024, In: *Science*. 383, 6687, p. 1066

Collective and harmonized high throughput barcoding of insular arthropod biodiversity: Toward a Genomic Observatories Network for islands

Emerson, B. C., Borges, P. A. V., Cardoso, P., Convey, P., deWaard, J. R., Economo, E. P., Gillespie, R. G., Kennedy, S., Krehenwinkel, H., Meier, R., Roderick, G. K., Strasberg, D., Thébaud, C., Traveset, A., Creedy, T. J., Meramveliotakis, E., Noguerales, V., Overcast, I., Morlon, H., Papadopoulou, A., & 3 othersVogler, A. P., Arribas, P. & Andújar, C., Dec 2023, In: *Molecular Ecology*. 32, 23, p. 6161-6176 16 p.

Prioritizing the reassessment of data-deficient species on the IUCN Red List

Cazalis, V., Santini, L., Lucas, P. M., González-Suárez, M., Hoffmann, M., Benítez-López, A., Pacifici, M., Schipper, A. M., Böhm, M., Zizka, A., Clausnitzer, V., Meyer, C., Jung, M., Butchart, S. H. M., Cardoso, P., Mancini, G., Akçakaya, H. R., Young, B. E., Patoine, G. & Di Marco, M., Dec 2023, In: *Conservation Biology*. 37, 6, 16 p., e14139.

Island spider origins show complex vertical stratification patterns in Macaronesia

Costa, R., Cardoso, P., Rigal, F. & Borges, P. A. V., Nov 2023, In: *Insect Conservation and Diversity*. 16, 6, p. 886-895 10 p.

Drivers of species knowledge across the tree of life

Mammola, S., Adamo, M., Antić, D., Calevo, J., Cancellario, T., Cardoso, P., Chamberlain, D., Chialva, M., Durucan, F., Fontaneto, D., Goncalves, D., Martínez, A., Santini, L., Rubio-Lopez, I., Sousa, R., Villegas-Rios, D., Verdes, A. & Correia, R. A., 17 Oct 2023, In: *eLife*. 12, 23 p., RP88251.

Time-travelling pathogens and their risk to ecological communities

Strona, G., Bradshaw, C. J. A., Cardoso, P., Gotelli, N. J., Guillaume, F., Manca, F., Mustonen, V. & Zaman, L., 1 Jul 2023, In: *PLoS Computational Biology*. 19, 7, 24 p., e1011268.

An expert-based global assessment of threats and conservation measures for subterranean ecosystems

Nanni, V., Piano, E., Cardoso, P., Isaia, M. & Mammola, S., Jul 2023, In: *Biological Conservation*. 283, 10 p., 110136.

The use of machine learning in species threats and conservation analysis

Branco, V. V., Correia, L. & Cardoso, P., Jul 2023, In: *Biological Conservation*. 283, 9 p., 110091.

A global analysis of avian island diversity-area relationships in the Anthropocene

Matthews, T. J., Wayman, J. P., Whittaker, R. J., Cardoso, P., Hume, J. P., Sayol, F., Proios, K., Martin, T. E., Baiser, B., Borges, P. A. V., Kubota, Y., dos Anjos, L., Tobias, J. A., Soares, F. C., Si, X., Ding, P., Mendenhall, C. D., Sin, Y. C. K., Rheindt, F. E., Triantis, K. A., & 6 othersGuilhaumon, F., Watson, D. M., Brotons, L., Battisti, C., Chu, O. & Rigal, F., Jun 2023, In: *Ecology Letters*. 26, 6, p. 965-982 18 p.

Shrub and precipitation interactions shape functional diversity of nematode communities on the Qinghai-Tibet Plateau

Zhang, A., Chen, S., Chen, J., Cui, H., Jiang, X., Xiao, S., Wang, J., Gao, H., An, L. & Cardoso, P., May 2023, In: *Global Change Biology*. 29, 10, p. 2746-2758 13 p.

Arthropod co-occurrence networks indicate environmental differences between islands and signal introduced species in Azorean native forest remnants

Pozsgai, G., Cardoso, P., Rigal, F., Boieiro, M., Gabriel, R., de Azevedo, E. B. & Borges, P. A. V., 11 Apr 2023, In: *Frontiers in Ecology and Evolution*. 11, 13 p., 1139285.

Review of Harpactea ground-dwelling spiders (Araneae Dysderidae) of Portugal

Rezac, M., Cardoso, P., Rezacova, V. & Řezáčová, V., 6 Apr 2023, In: *Zootaxa*. 5263, 3, p. 335-364 30 p.

A roadmap for ladybird conservation and recovery

Soares, A. O., Haelewaters, D., Ameixa, O. M. C. C., Borges, I., Brown, P. M. J., Cardoso, P., De Groot, M. D., Evans, E. W., Grez, A. A., Hochkirch, A., Milada Holecová, M., Honěk, A., Kulfan, J., Lillebø, A. I., Martinková, Z., Michaud, J. P., Nedvěd, O., Omkar, Roy, H. E., Saxena, S., & 7 othersShandilya, A., Sentis, A., Skuhrovec, J., Vigišáková, S., Zach, P., Zaviezo, T. & Losey, J. E., Feb 2023, In: *Conservation Biology*. 37, 1, 12 p., e13965.

Scientists' warning on climate change and insects

Harvey, J. A., Tougeron, K., Gols, R., Heinen, R., Abarca, M., Abram, P. K., Basset, Y., Berg, M., Boggs, C., Brodeur, J., Cardoso, P., De Boer, J. G., de Snoo, G. R., Deacon, C., Dell, J. E., Desneux, N., Dillon, M. E., Duffy, G. A., Dyer, L. A., Eilers, J., & 50 others Espíndola, A., Fordyce, J., Forister, M. L., Fukushima, C. S., Gage, M. J. G., García-Robledo, C., Gely, C., Gobbi, M., Hallmann, C., Hance, T., Harte, J., Hochkirch, A., Hof, C., Hoffmann, A. A., Kingsolver, J. G., Lamarre, G. P. A., Laurance, W. F., Lavandero, B., Leather, S. R., Lehmann, P., Le Lann, C., López-Urbe, M. M., Ma, C. S., Ma, G., Moiroux, J., Monticelli, L., Nice, C., Ode, P. J., Pincebourde, S., Ripple, W. J., Rowe, M., Samways, M. J., Sentis, A., Shah, A. A., Stork, N., Terblanche, J. S., Thakur, M. P., Thomas, M. B., Tylanakis, J. M., Van Baaren, J., van de Pol, M., van der Putten, W. H., Van Dyck, H., Verberk, W. C. E. P., Wagner, D. L., Weisser, W. W., Wetzell, W. C., Woods, H. A., Wyckhuys, K. A. G. & Chown, S. L., Feb 2023, In: *Ecological Monographs*. 93, 1, 37 p., e1553.

How much biodiversity is concealed in the word 'biodiversity'?

Mammola, S., Fukushima, C. S., Biondo, G., Bongiorno, L., Cianferoni, F., Domenici, P., Fruciano, C., Lo Giudice, A., Macías Hernández, N., Malumbres-Olarte, J., Milicic, M., Morganti, M., Mori, E., Munévar, A., Pollegioni, P., Rosati, I., Tenan, S., Urbano Tenorio, F., Fontaneto, D. & Cardoso, P., 23 Jan 2023, In: *Current Biology*. 33, 2, p. R59-R60

Using Red List Indices to monitor extinction risk at national scales

Raimondo, D., Young, B. E., Brooks, T. M., Cardoso, P., Van Der Colff, D., De Souza Dias, B. F., Vercillo, U., De Souza, E., Juslén, A., Hyvarinen, E., Von Staden, L., Tolley, K. & McGowan, P. J. K., Jan 2023, In: *Conservation Science and Practice*. 5, 1, 12 p., e12854.

Understanding and applying biological resilience, from genes to ecosystems

Thorogood, R., Mustonen, V., Aleixo, A., Aphalo, P. J., Asiegbu, F. O., Cabeza, M., Cairns, J., Candolin, U., Cardoso, P., Eronen, J. T., Hällfors, M., Hovatta, I., Juslén, A., Kovalchuk, A., Kulmuni, J., Kuula, L., Mäkipää, R., Ovaskainen, O., Pesonen, A.-K., Primmer, C. R., & 5 others Saastamoinen, M., Schulman, A. H., Schulman, L., Strona, G. & Vanhatalo, J., 2023, In: *npj Biodiversity*. 2, 13 p., 16.

An Updated Checklist of Azorean Arthropods (Arthropoda)

Borges, P. A. V., Lamelas-Lopez, L., Andrade, R., Lhoumeau, S., Vieira, V., Soares, A. O., Borges, I., Boieiro, M., Cardoso, P., da Fonseca Crespo, L. C., Karsholt, O., Schülke, M., Serrano, A. R. M., Quartau, J. A. & Assing, V., 21 Dec 2022, In: *Biodiversity Data Journal*. 10, 29 p., e97682.

SLAM Project - Long Term Ecological Study of the Impacts of Climate Change in the natural forests of Azores: V - New records of terrestrial arthropods after ten years of SLAM sampling

Lhoumeau, S., Cardoso, P., Boieiro, M., Ros-Prieto, A., Costa, R., Lamelas-Lopez, L., Leite, A., Amorim do Rosário, I., Gabriel, R., Malumbres-Olarte, J., Rigal, F., Santos, A. M. C., Tsafack, N., Ferreira, M. T. & Borges, P. A. V., 14 Dec 2022, In: *Biodiversity Data Journal*. 10, 50 p., e97952.

Bird extinctions and introductions are causing taxonomic and functional homogenization in oceanic islands

Soares, F. C., Palmeirim, J. M., Rodrigues, A. S. L., Cardoso, P. & de Lima, R. F., Dec 2022, In: *Functional Ecology*. 36, 12, p. 2892-2905 14 p.

SLAM Project - Long Term Ecological Study of the Impacts of Climate Change in the natural forest of Azores: IV - The spiders of Terceira and Pico Islands (2019-2021) and general diversity patterns after ten years of sampling

Lhoumeau, S., Cardoso, P., Costa, R., Boieiro, M., Malumbres-Olarte, J., Amorim, I. R., Rigal, F., Santos, A. M. C., Gabriel, R. & Borges, P. A. V., 4 Nov 2022, In: *Biodiversity Data Journal*. 10, 27 p., e96442.

A protocol for reproducible functional diversity analyses

Palacio, F. X., Callaghan, C. T., Cardoso, P., Hudgins, E. J., Jarzyna, M. A., Ottaviani, G., Riva, F., Rodrigues Leandro Roza, C. G., Shirey, V. & Mammola, S., Nov 2022, In: *Ecography*. 2022, 11, 15 p., e06287.

Threatened and extinct island endemic birds of the world: Distribution, threats and functional diversity

Matthews, T. J., Wayman, J. P., Cardoso, P., Sayol, F., Hume, J. P., Ulrich, W., Tobias, J. A., Soares, F. C., Thébaud, C., Martin, T. E. & Triantis, K. A., Nov 2022, In: *Journal of Biogeography*. 49, 11, p. 1920-1940 21 p.

Trends in habitat suitability and conservation status of aquatic spiders in Europe

Milano, F., Cardoso, P., Mammola, S., Smith, H. & Isaia, M., Nov 2022, In: *Biological Conservation*. 275, 11 p., 109767.

Trait-based prediction of extinction risk across terrestrial taxa

Chichorro, F., Urbano Tenorio, F., Teixeira, D., Väre, H., Pinto, T., Brummitt, N., He, X., Hochkirch, A., Hyvönen, J., Kaila, L., Juslén, A. & Cardoso, P., Oct 2022, In: *Biological Conservation*. 274, 8 p., 109738.

Quantifying the internationalization and representativeness in research

Cardoso, P., Fukushima, C. S. & Mammola, S., Sept 2022, In: *Trends in Ecology & Evolution*. 37, 9, p. 725-728 4 p.

The global spread of misinformation on spiders

Mammola, S., Malumbres-Olarte, J., Arabesky, V., Barrales-Alcalá, D. A., Barrion-Dupo, A. L., Benamú, M. A., Bird, T. L., Bogomolova, M., Cardoso, P., Chatzaki, M., Cheng, R-C., Chu, T-A., Classen-Rodríguez, L. M., Čupić, I., Dhiya'ulhaq, N. U., Drapeau Picard, A-P., El-Hennawy, H. K., Elverici, M., Fukushima, C. S., Ganem, Z., & 46 othersGavish-Regev, E., Gonnys, N. T., Hacala, A., Haddad, C. R., Hesselberg, T., Ho, T. A. T., Into, T., Isaia, M., Jayaraman, D., Karuaera, N., Khalap, R., Khalap, K., Kim, D., Korhonen, T., Kralj-Fišer, S., Land, H., Lin, S-W., Loboda, S., Lowe, E., Lubin, Y., Martínez, A., Mbo, Z., Milicic, M., Kioko, G. M., Nanni, V., Norma-Rashid, Y., Nwankwo, D., Painting, C. J., Pang, A., Pantini, P., Pavlek, M., Pearce, R., Petcharad, B., Pétilion, J., Raberahona, O. C., Russo, P., Saarinen, J. A., Segura-Hernández, L., Sentenská, L., Uhl, G., Walker, L., Warui, C. M., Wiśniewski, K., Zamani, A., Chuang, A. & Scott, C., 22 Aug 2022, In: *Current Biology*. 32, 16, p. R871-R873 3 p.

Tech companies liable for illegal wildlife trade

Morcatty, T. Q., Peters, G., Nekaris, K. A. I., Cardoso, P., Fukushima, C. S., El Bizri, H. R. & Nijman, V., 12 Aug 2022, In: *Science*. 377, 6607, p. 721-721 1 p.

Towards evidence-based conservation of subterranean ecosystems

Mammola, S., Meierhofer, M. B., Borges, P. A., Colado, R., Culver, D. C., Deharveng, L., Delic, T., Di Lorenzo, T., Drazina, T., Ferreira, R. L., Fiasca, B., Fiser, C., Galassi, D. M. P., Garzoli, L., Gerovasileiou, V., Griebler, C., Halse, S., Howarth, F. G., Isaia, M., Johnson, J. S., & 18 othersKomericki, A., Martinez, A., Milano, F., Moldovan, O. T., Nanni, V., Nicolosi, G., Niemiller, M. L., Pallares, S., Pavlek, M., Piano, E., Pipan, T., Sanchez-Fernandez, D., Santangeli, A., Schmidt, S., Wynne, J. J., Zagnajster, M., Zaksek, V. & Cardoso, P., Aug 2022, In: *Biological Reviews*. 97, 4, p. 1476-1510 35 p.

Biological traits interact with human threats to drive extinctions: A modelling study

Chichorro, F., Correia, L. & Cardoso, P., Jul 2022, In: *Ecological Informatics*. 69, 9 p., 101604.

Distance decay 2.0-A global synthesis of taxonomic and functional turnover in ecological communities

Graco-Roza, C., Aarnio, S., Abrego, N., Acosta, A. T. R., Alahuhta, J., Altman, J., Angiolini, C., Aroviita, J., Attorre, F., Baastrup-Spohr, L., Barrera-Alba, J. J., Belmaker, J., Biurrun, I., Bonari, G., Bruelheide, H., Burrascano, S., Carboni, M., Cardoso, P., Carvalho, J. C., Castaldelli, G., & 72 othersChristensen, M., Correa, G., Dembicz, I., Dengler, J., Dolezal, J., Domingos, P., Erős, T., Ferreira, C. E. L., Filibeck, G., Floeter, S. R., Friedlander, A. M., Gammal, J., Gavioli, A., Gossner, M. M., Granot, I., Guarino, R., Gustafsson, C., Hayden, B., He, S., Heilmann-Clausen, J., Heino, J., Hunter, J. T., Huszar, V. L. M., Janisova, M., Jyrkankallio-Mikkola, J., Kahilainen, K. K., Kemppinen, J., Kozub, L., Kruk, C., Kulbiki, M., Kuzemko, A., Christiaan le Roux, P., Lehtikoinen, A., Teixeira de Lima, D., Lopez-Urrutia, A., Lukacs, B. A., Luoto, M., Mammola, S., Marinho, M. M., Menezes, L. S., Milardi, M., Miranda, M., Moser, G. A. O., Mueller, J., Niittynen, P., Norkko, A., Nowak, A., Ometto, J. P., Ovaskainen, O., Overbeck, G. E., Pacheco, F. S., Pajunen, V., Palpurina, S., Picazo, F., Prieto, J. A. C., Rodil, I. F., Sabatini, F. M., Salingre, S., De Sanctis, M., Segura, A. M., da Silva, L. H. S., Stevanovic, Z. D., Swacha, G., Teittinen, A., Tolonen, K. T., Tsiripidis, I., Virta, L., Wang, B., Wang, J., Weisser, W., Xu, Y. & Soininen, J., Jul 2022, In: *Global Ecology and Biogeography*. 31, 7, p. 1399-1421 23 p.

Combined effects of bird extinctions and introductions in oceanic islands: Decreased functional diversity despite increased species richness

Soares, F. C., de Lima, R. F., Palmeirim, J. M., Cardoso, P. & Rodrigues, A. S. L., Jun 2022, In: *Global Ecology and Biogeography*. 31, 6, p. 1172-1183 12 p.

From forest to forestry: Reassembly of spider communities after native forest replacement by pine monocultures

Munévar, A., Cardoso, P. & Zurita, G. A., Jun 2022, In: *Ecological Entomology*. 47, 3, p. 400-410 11 p.

The promise and perils of engineering cave climates: Response to Turner et al.

Meierhofer, M. B., Cardoso, P., Lilley, T. & Mammola, S., Jun 2022, In: *Conservation Biology*. 36, 3, 3 p., e13927.

A trait database and updated checklist for European subterranean spiders

Mammola, S., Pavlek, M., Huber, B. A., Isaia, M., Ballarin, F., Tolve, M., Cupic, I., Hesselberg, T., Lunghi, E., Mouron, S., Graco-Roza, C. & Cardoso, P., 26 May 2022, In: *Scientific data* . 9, 1, 13 p., 236.

Searching the web builds fuller picture of arachnid trade

Marshall, B. M., Strine, C. T., Fukushima, C. S., Cardoso, P., Orr, M. C. & Hughes, A. C., 19 May 2022, In: *Communications Biology*. 5, 1, 13 p., 448.

Life in the darkness of caves

Mammola, S., Frigo, I. & Cardoso, P., 5 Apr 2022, In: *Frontiers for Young Minds*. 10, 657265.

arakno - An R package for effective spider nomenclature, distribution and trait data retrieval from online resources

Cardoso, P. & Pekar, S., Apr 2022, In: *Journal of Arachnology*. 50, 1, p. 30-32 3 p.

Bridging the research-implementation gap in IUCN Red List assessments

Cazalis, V., Di Marco, M., Butchart, S. H. M., Akçakaya, H. R., González-Suárez, M., Meyer, C., Clausnitzer, V., Böhm, M., Zizka, A., Cardoso, P., Schipper, A. M., Bachman, S. P., Young, B. E., Hoffmann, M., Benítez-López, A., Lucas, P. M., Pettorelli, N., Patoine, G., Pacifici, M., Jörger-Hickfang, T., & 5 othersBrooks, T. M., Rondinini, C., Hill, S. L. L., Visconti, P. & Santini, L., Apr 2022, In: *Trends in Ecology & Evolution*. 37, 4, p. 359-370 12 p.

An expert-curated global database of online newspaper articles on spiders and spider bites

Mammola, S., Malumbres-Olarte, J., Arabesky, V., Barrales-Alcalá, D. A., Barrion-Dupo, A. L., Benamú, M. A., Bird, T. L., Bogomolova, M., Cardoso, P., Chatzaki, M., Cheng, R-C., Chu, T-A., Classen-Rodriguez, L. M., Cupic, I., Dhiya'ulhaq, N. U., Picard, A-P. D., El-Hennawy, H. K., Elverici, M., Fukushima, C. S., Ganem, Z., & 45 othersGavish-Regev, E., Gonnye, N. T., Hacala, A., Haddad, C. R., Hesselberg, T., Ho, T. A. T., Into, T., Isaia, M., Jayaraman, D., Karuaera, N., Khalap, R., Khalap, K., Kim, D., Korhonen, T., Kralj-Fiser, S., Land, H., Lin, S-W., Loboda, S., Lowe, E., Lubin, Y., Martinez, A., Mbo, Z., Milicic, M., Kioko, G. M., Nanni, V., Norma-Rashid, Y., Nwankwo, D., Painting, C. J., Pang, A., Pantini, P., Pavlek, M., Pearce, R., Petcharad, B., Petillon, J., Raberahona, O. C., Saarinen, J. A., Segura-Hernandez, L., Sentenska, L., Uhl, G., Walker, L., Warui, C. M., Wisniewski, K., Zamani, A., Scott, C. & Chuang, A., 28 Mar 2022, In: *Scientific data* . 9, 1, 12 p., 109.

Brazilian cave heritage under siege

Ferreira, R. L., Bernard, E., da Cruz Júnior, F. W., Piló, L. B., Calux, A., Souza-Silva, M., Barlow, J., Pompeu, P. S., Cardoso, P. & Mammola, S., 18 Mar 2022, In: *Science*. 375, 6586, p. 1238-1239 2 p.

Insects, Spiders, Snails and Empathy: Representing Invertebrate Extinctions in Natural History Museums

Cardoso, P., Mar 2022, *Animals, Plants And Afterimages: The Art and Science of Representing Extinction*. Bienvenue, V. & Chare, N. (eds.). Berghahn Books, p. 230-240 11 p.

Island hoppers: Integrative taxonomic revision of Hogna wolf spiders (Araneae, Lycosidae) endemic to the Madeira islands with description of a new species

Crespo, L. C., Silva, I., Enguídanos, A., Cardoso, P. & Arnedo, M., 16 Feb 2022, In: *ZooKeys*. 1086, p. 77-135 59 p.

Challenges and opportunities of species distribution modelling of terrestrial arthropod predators

Mammola, S., Pétilon, J., Hacala, A., Monsimet, J., Marti, S-L., Cardoso, P. & Lafage, D., Dec 2021, In: *Diversity and Distributions*. 27, 12, p. 2596-2614 19 p.

Habitat filtering and inferred dispersal ability condition across-scale species turnover and rarity in Macaronesian island spider assemblages

Malumbres-Olarte, J., Rigal, F., Girardello, M., Cardoso, P., Crespo, L. C., Amorim, I. R., Arnedo, M., Boieiro, M., Carvalho, J. C., Carvalho, R., Gabriel, R., Lamelas-Lopez, L., López, H., Paulo, O. S., Pereira, F., Pérez-Delgado, A. J., Rego, C., Romeiras, M., Ros-Prieto, A., Oromí, P., & 3 othersVieira, A., Emerson, B. C. & Borges, P. A. V., Dec 2021, In: *Journal of Biogeography*. 48, 12, p. 3131-3144 14 p.

The Atlantic connection: coastal habitat favoured long distance dispersal and colonization of Azores and Madeira by Dysdera spiders (Araneae: Dysderidae)

Crespo, L. C., Silva, I., Enguidanos, A., Cardoso, P. & Arnedo, M. A., 17 Nov 2021, In: Systematics and Biodiversity. 19, 8, p. 906-927 22 p.

Macaronesia as a Fruitful Arena for Ecology, Evolution, and Conservation Biology

Florencio, M., Patino, J., Nogue, S., Traveset, A., Borges, P. A. V., Schaefer, H., Amorim, I. R., Arnedo, M., Ávila, S. P., Cardoso, P., de Nascimento, L., Fernández-Palacios, J. M., Gabriel, S. I., Gil, A., Gonçalves, V., Haroun, R., Illera, J. C., López-Darías, M., Martínez, A., Martins, G. M., & 12 others Neto, A. I., Nogales, M., Oromi, P., Rando, J. C., Raposeiro, P. M., Rigal, F., Romeiras, M. M., Silva, L., Valido, A., Vanderpoorten, A., Vasconcelos, R. & Santos, A. M. C., 5 Nov 2021, In: Frontiers in Ecology and Evolution. 9, 19 p., 718169.

Challenges and perspectives on tackling illegal or unsustainable wildlife trade

Fukushima, C. S., Tricorache, P., Toomes, A., Stringham, O. C., Rivera-Téllez, E., Ripple, W. J., Peters, G., Orenstein, R. I., Morcatty, T. Q., Longhorn, S. J., Lee, C., Kumschick, S., de Freitas, M. A., Duffy, R. V., Davies, A., Cheung, H., Cheyne, S. M., Bouhuys, J., Barreiros, J. P., Amponsah-Mensah, K., & 1 others Cardoso, P., Nov 2021, In: Biological Conservation. 263, 10 p., 109342.

Scientists' warning to humanity on illegal or unsustainable wildlife trade

Cardoso, P., Amponsah-Mensah, K., Barreiros, J. P., Bouhuys, J., Cheung, H., Davies, A., Kumschick, S., Longhorn, S. J., Martínez-Muñoz, C. A., Morcatty, T. Q., Peters, G., Ripple, W. J., Rivera-Téllez, E., Stringham, O. C., Toomes, A., Tricorache, P. & Fukushima, C. S., Nov 2021, In: Biological Conservation. 263, 9 p., 109341.

A conservation roadmap for the subterranean biome

Wynne, J. J., Howarth, F. G., Mammola, S., Ferreira, R. L., Cardoso, P., Di Lorenzo, T., Galassi, D. M. P., Medellín, R. A., Miller, B. W., Sanchez-Fernandez, D., Bichuette, M. E., Biswas, J., BlackEagle, C. W., Boonyanusith, C., Amorim, I. R., Vieira Borges, P. A., Boston, P. J., Cal, R. N., Cheeptham, N., Deharveng, L., & 36 others Eme, D., Faille, A., Fenolio, D., Fiser, C., Fiser, Z., Gon, S. M. O., Goudarzi, F., Griebler, C., Halse, S., Hoch, H., Kale, E., Katz, A. D., Kovac, L., Lilley, T. M., Manchi, S., Manenti, R., Martinez, A., Meierhofer, M. B., Miller, A. Z., Moldovan, O. T., Niemiller, M. L., Peck, S. B., Pellegrini, T. G., Pipan, T., Phillips-Lander, C. M., Poot, C., Racey, P. A., Sendra, A., Shear, W. A., Silva, M. S., Taiti, S., Tian, M., Venarsky, M. P., Yancovic Pakarati, S., Zagmajster, M. & Zhao, Y., Sept 2021, In: Conservation Letters. 14, 5, 6 p., 12834.

Concepts and applications in functional diversity

Mammola, S., Carmona, C. P., Guillerme, T. & Cardoso, P., Sept 2021, In: Functional Ecology. 35, 9, p. 1869-1885 17 p.

Functional groups of hoverflies in Southeast Europe across different vegetation types

Milicic, M., Popov, S., Jurca, T., Cardoso, P., Janković, M., Ačanski, J. & Vujić, A., Sept 2021, In: Entomological Science. 24, 3, p. 235-246 12 p.

Insect threats and conservation through the lens of global experts

Milicic, M., Popov, S., Branco, V. V. & Cardoso, P., Jul 2021, In: Conservation Letters. 14, 4, 14 p., 12814.

Collecting eco-evolutionary data in the dark: Impediments to subterranean research and how to overcome them

Mammola, S., Lunghi, E., Bilandžija, H., Cardoso, P., Grimm, V., Schmidt, S. I., Hesselberg, T. & Martinez, A., Jun 2021, In: Ecology and Evolution. 11, 11, p. 5911-5926 16 p.

Don't forget subterranean ecosystems in climate change agendas

Sánchez-Fernández, D., Galassi, D. M. P., Wynne, J. J., Cardoso, P. & Mammola, S., Jun 2021, In: Nature Climate Change. 11, 6, p. 458-459 2 p.

Integrative taxonomic revision of the woodlouse-hunter spider genus Dysdera (Araneae: Dysderidae) in the Madeira archipelago with notes on its conservation status

Crespo, L. C., Silva, I., Enguidanos, A., Cardoso, P. & Arnedo, M. A., Jun 2021, In: Zoological journal of the Linnean Society. 192, 2, p. 356-415 60 p.

Standardised inventories of spiders (Arachnida, Araneae) on touristic trails of the native forests of the Azores (Portugal)
Carvalho, R., Cardoso, P., Gil, A., Ferreira, M. T., Ramos, C., Lamelas-Lopez, L., Pereira, F., Malumbres-Olarte, J., Ros-Prieto, A., Boieiro, M. & Borges, P. A. V., 16 Apr 2021, In: Biodiversity Data Journal. 9, 15 p., 62886.

A strategy for the next decade to address data deficiency in neglected biodiversity

Hochkirch, A., Samways, M. J., Gerlach, J., Bohm, M., Williams, P., Cardoso, P., Cumberlidge, N., Stephenson, P. J., Seddon, M. B., Clausnitzer, V., Borges, P. A., Mueller, G. M., Pearce-Kelly, P., Raimondo, D. C., Danielczak, A. & Dijkstra, K-D. B., Apr 2021, In: Conservation Biology. 35, 2, p. 502-509 8 p.

Spider conservation in Europe: a review

Milano, F., Blick, T., Cardoso, P., Chatzaki, M., Fukushima, C. S., Gajdoš, P., Gibbons, A. T., Henriques, S., Macias-Hernandez, N., Mammola, S., Nentwig, W., Nolan, M., Pétilion, J., Polchaninova, N., Řezáč, M., Sandstrom, J., Smith, H., Wiśniewski, K. & Isaia, M., Apr 2021, In: Biological Conservation. 256, 21 p., 109020.

Spatial Scaling Patterns of Functional Diversity

Alirezazadeh, S., Borges, P. A. V., Cardoso, P., Gabriel, R., Rigal, F. & Borda-de-Agua, L., 22 Feb 2021, In: Frontiers in Ecology and Evolution. 9, 10 p., 607177.

Wildlife collection for scientific purposes

Fukushima, C., West, R., Pape, T., Penev, L., Schulman, L. & Cardoso, P., Feb 2021, In: Conservation Biology. 35, 1, p. 5-11 7 p.

The World Spider Trait database: a centralised global open repository for curated data on spider traits

Pekár, S., Wolff, J. O., Černecká, Ľ., Birkhofer, K., Mammola, S., Lowe, E. C., Fukushima, C. S., Herberstein, M. E., Kučera, A., Buzzatto, B. A., Djoudi, E. A., Domenech, M., Enciso, A. V., Piñanez Espejo, Y. M. G., Febles, S., García, L. F., Gonçalves-Souza, T., Isaia, M., Lafage, D., Líznavá, E., & 25 othersMacías-Hernández, N., Magalhães, I., Malumbres-Olarte, J., Michálek, O., Michalik, P., Michalko, R., Milano, F., Munévar, A., Nentwig, W., Nicolosi, G., Painting, C. J., Pétilion, J., Piano, E., Privet, K., Ramírez, M. J., Ramos, C., Řezáč, M., Ridel, A., Růžička, V., Santos, I., Sentenská, L., Walker, L., Wierucka, K., Zurita, G. A. & Cardoso, P., 2021, In: Database : the journal of biological databases and curation. 2021, 10 p., baab064.

Automated Discovery of Relationships, Models, and Principles in Ecology

Cardoso, P., Branco, V. V., Borges, P. A., Carvalho, J. C., Rigal, F., Gabriel, R., Mammola, S., Cascalho, J. & Correia, L., 11 Dec 2020, In: Frontiers in Ecology and Evolution. 8, 12 p., 530135.

Towards a taxonomically unbiased European Union biodiversity strategy for 2030

Mammola, S., Riccardi, N., Prie, V., Correia, R. A., Cardoso, P., Lopes-Lima, M. & Sousa, R., 9 Dec 2020, In: Proceedings of the Royal Society B. Biological Sciences. 287, 1940, 7 p., 20202166.

Fundamental research questions in subterranean biology

Mammola, S., Amorim, I. R., Bichuette, M. E., Borges, P. A. V., Cheeptham, N., Cooper, S. J. B., Culver, D. C., Deharveng, L., Eme, D., Ferreira, R. L., Fiser, C., Fiser, Z., Fong, D. W., Griebler, C., Jeffery, W. R., Jugovic, J., Kowalko, J. E., Lilliey, T. M., Malard, F., Manenti, R., & 12 othersMartinez, A., Meierhofer, M. B., Niemiller, M. L., Northup, D. E., Pellegrini, T. G., Pipan, T., Protas, M., Reboleira, A. S. P. S., Venarsky, M. P., Wynne, J. J., Zigmajster, M. & Cardoso, P., Dec 2020, In: Biological Reviews. 95, 6, p. 1855-1872 18 p.

How Iberian are we? Mediterranean climate determines structure and endemism of spider communities in Iberian oak forests

Malumbres-Olarte, J., Crespo, L. C., Domenech, M., Cardoso, P., Moya-Larano, J., Ribera, C. & Arnedo, M. A., Dec 2020, In: Biodiversity and Conservation. 29, 14, p. 3973-3996 24 p.

The Time for Insects Is Now

Cardoso, P., Dec 2020, In: Conservation Biology. 34, 6, p. 1598-1600 3 p.

An expert-based assessment of global threats and conservation measures for spiders

Branco, V. V. & Cardoso, P., 30 Sept 2020, In: *Global Ecology and Conservation*. 24, 15 p., e01290.

Standardised spider (Arachnida, Araneae) inventory of Kilpisjärvi, Finland

Kiljunen, N., Pajunen, T., Fukushima, C., Soukainen, A., Kuurne, J., Korhonen, T., Saarinen, J., Falck, I., Laine, E., Mammola, S., Urbano, F., Macias-Hernandez, N. & Cardoso, P., 17 Sept 2020, In: *Biodiversity Data Journal*. 8, 12 p., 56486.

Increase of insular exotic arthropod diversity is a fundamental dimension of the current biodiversity crisis

Borges, P. A. V., Rigal, F., Ros-Prieto, A. & Cardoso, P., Sept 2020, In: *Insect Conservation and Diversity*. 13, 5, p. 508-518 11 p.

Towards establishment of a centralized spider traits database

Lowe, E. C., Wolff, J. O., Aceves-Aparicio, A., Birkhofer, K., Branco, V. V., Cardoso, P., Chichorro, F., Fukushima, C. S., Goncalves-Sousa, T., Haddad, C., Isaia, M., Krehenwinkel, H., Audisio, T. L., Macias Hernandez, N., Malumbres-Olarte, J., Mammola, S., McLean, D. J., Michalko, R., Nentwig, W., Pekar, S., & 7 others Petillon, J., Privet, K., Scott, C., Uhl, G., Urbano Tenorio, F., Wong, B. H. & Herbestein, M. E., Sept 2020, In: *Journal of Arachnology*. 48, 2, p. 103-109 7 p.

Functional diversity metrics using kernel density n-dimensional hypervolumes

Mammola, S. & Cardoso, P., Aug 2020, In: *Methods in Ecology and Evolution*. 11, 8, p. 986-995 10 p.

Methods for the assessment and conservation of threatened animal parasites

Kwak, M. L., Heath, A. C. & Cardoso, P., Aug 2020, In: *Biological Conservation*. 248, 6 p., 108696.

Decomposing the causes for niche differentiation between species using hypervolumes

Carvalho, J. C. & Cardoso, P., 30 Jul 2020, In: *Frontiers in Ecology and Evolution*. 8, 7 p., 243.

Global wildlife trade permeates the Tree of Life

Fukushima, C. S., Mammola, S. & Cardoso, P., Jul 2020, In: *Biological Conservation*. 247, 5 p., 108503.

Response to comments on "Changes in plants due to elevated CO2 may be a significant contributor to insect declines: Response to Cardoso, et al. and Samways, et al.": Known unknowns and unknown unknowns of insect conservation

Cardoso, P. & Samways, M. J., Jul 2020, In: *Biological Conservation*. 247, 2 p., 108584.

Description of the male of the Critically Endangered tarantula *Typhochlaena curumim* Bertani, 2012 (Araneae, Theraphosidae), with comments on tarantula trade and conservation

Fukushima, C. S., Cardoso, P. & Bertani, R., 4 Jun 2020, In: *ZooKeys*. 938, p. 125-136 12 p.

Accelerating the monitoring of global biodiversity: Revisiting the sampled approach to generating Red List Indices

Henriques, S., Böhm, M., Collen, B., Luedtke, J., Hoffmann, M., Hilton-Taylor, C., Cardoso, P., Butchart, S. H. M. & Freeman, R., May 2020, In: *Conservation Letters*. 13, 3, 9 p., e12703.

Environmental filtering and convergent evolution determine the ecological specialization of subterranean spiders

Mammola, S., Arnedo, M. A., Fiser, C., Cardoso, P., Dejanaz, A. J. & Isaia, M., May 2020, In: *Functional Ecology*. 34, 5, p. 1064-1077 14 p.

A database of functional traits for spiders from native forests of the Iberian Peninsula and Macaronesia

Macias-Hernandez, N., Ramos, C., Domènech, M., Febles, S., Santos, I., Arnedo, M. A., Borges, P. A. V., Emerson, B. C. & Cardoso, P., 30 Apr 2020, In: *Biodiversity Data Journal*. 8, 12 p., 49159.

Come to the dark side! The role of functional traits in shaping dark diversity patterns of south-eastern European hoverflies

Milicic, M., Popov, S., Vujic, A., Ivosevic, B. & Cardoso, P., Apr 2020, In: *Ecological Entomology*. 45, 2, p. 232-242 11 p.

Standardised spider (Arachnida, Araneae) inventory of Lammi, Finland

Soukainen, A., Pajunen, T., Korhonen, T., Saarinen, J., Chichorro, F., Jalonen, S., Kiljunen, N., Koskivirta, N., Kuurne, J., Leinonen, S., Salonen, T., Yrjölä, V., Fukushima, C. & Cardoso, P., 13 Mar 2020, In: Biodiversity Data Journal. 8, 15 p., 50775.

Spiders (Arachnida:Araneae) in the semideciduous Atlantic Forest: An ecological and morphological trait dataset for functional studies

Munevar, A., Cardoso, P., Pinanez Espejo, Y. M. G. & Andres Zurita, G., 12 Mar 2020, In: Biodiversity Data Journal. 8, 10 p., 49889.

International scientists formulate a roadmap for insect conservation and recovery

Harvey, J. A., Heinen, R., Armbrrecht, I., Basset, Y., Baxter-Gilbert, J. H., Bezemer, T. M., Bohm, M., Bommarco, R., Borges, P. A. V., Cardoso, P., Clausnitzer, V., Cornelisse, T., Crone, E. E., Dicke, M., Dijkstra, K-D. B., Dyer, L., Ellers, J., Fartmann, T., Forister, M. L., Furlong, M. J., & 53 others Garcia-Aguayo, A., Gerlach, J., Gols, R., Goulson, D., Habel, J-C., Haddad, N. M., Hallmann, C. A., Henriques, S., Herberstein, M. E., Hochkirch, A., Hughes, A. C., Jepsen, S., Jones, T. H., Kaydan, B. M., Kleijn, D., Klein, A-M., Latty, T., Leather, S. R., Lewis, S. M., Lister, B. C., Losey, J. E., Lowe, E. C., Macadam, C. R., Montoya-Lerma, J., Nagano, C. D., Ogan, S., Orr, M. C., Painting, C. J., Pham, T-H., Potts, S. G., Rauf, A., Roslin, T. L., Samways, M. J., Sanchez-Bayo, F., Sar, S. A., Schultz, C. B., Soares, A. O., Thancharoen, A., Tschamntke, T., Tylianakis, J. M., Umbers, K. D. L., Vet, L. E. M., Visser, M. E., Vujic, A., Wagner, D. L., WallisDeVries, M. F., Westphal, C., White, T. E., Wilkins, V. L., Williams, P. H., Wyckhuys, K. A. G., Zhu, Z-R. & de Kroon, H., Feb 2020, In: Nature Ecology & Evolution. 4, 2, p. 174-176 3 p.

Scientists' warning to humanity on insect extinctions

Cardoso, P., Barton, P. S., Birkhofer, K., Chichorro, F., Deacon, C., Fartmann, T., Fukushima, C. S., Gaigher, R., Habel, J. C., Hallmann, C. A., Hill, M. J., Hochkirch, A., Kwak, M. L., Mammola, S., Ari Noriega, J., Orfinger, A. B., Pedraza, F., Pryke, J. S., Roque, F. O., Settele, J., & 5 others Simaika, J. P., Stork, N. E., Suhling, F., Vorster, C. & Samways, M. J., Feb 2020, In: Biological Conservation. 242, 12 p., 108426.

Solutions for humanity on how to conserve insects

Samways, M. J., Barton, P. S., Birkhofer, K., Chichorro, F., Deacon, C., Fartmann, T., Fukushima, C. S., Gaigher, R., Habel, J. C., Hallmann, C. A., Hill, M. J., Hochkirch, A., Kaila, L., Kwak, M. L., Maes, D., Mammola, S., Noriega, J. A., Orfinger, A. B., Pedraza, F., Pryke, J. S., & 7 others Roque, F. O., Settele, J., Simaika, J. P., Stork, N. E., Suhling, F., Vorster, C. & Cardoso, P., Feb 2020, In: Biological Conservation. 242, 15 p., 108427.

Standardised inventories of spiders (Arachnida, Araneae) of Macaronesia II: The native forests and dry habitats of Madeira archipelago (Madeira and Porto Santo islands)

Malumbres-Olarte, J., Boieiro, M., Cardoso, P., Carvalho, R., Fonseca Crespo, L. C., Gabriel, R., Macias Hernandez, N., Paulo, O. S., Pereira, F., Rego, C., Ros-Prieto, A., Silva, I., Vieira, A., Rigal, F. & Borges, P. A. V., 14 Jan 2020, In: Biodiversity Data Journal. 8, 29 p., 47502.

Taxonomic divergence and functional convergence in Iberian spider forest communities: Insights from beta diversity partitioning

Carvalho, J. C., Malumbres-Olarte, J., Arnedo, M. A., Crespo, L. C., Domenech, M. & Cardoso, P., Jan 2020, In: Journal of Biogeography. 47, 1, p. 288-300 13 p.

Building a robust, densely-sampled spider Tree of Life for ecosystem research

Macias Hernandez, N., Domenech, M., Cardoso, P., Emerson, B. C., Borges, P. A. V., Lozano-Fernandez, J., Paulo, O. S., Vieira, A., Enguidanos, A., Rigal, F., Amorim, I. R. & Arnedo, M. A., 2020, In: Diversity (Basel). 12, 8, 23 p., 288.

Stone-stacking as a looming threat to rock-dwelling biodiversity

Rocha, R., Borges, P. A. V., Cardoso, P., Dikari Kusriani, M., Martin-Esquivel, J. L., Menezes, D., Mota-Ferreira, M., Nunes, S. F., Órfão, I., Serra-Gonçalves, C., Sim-Sim, M., Sepúlveda, P., Teixeira, D. & Traveset, A., 2020, In: Human-wildlife interactions. 14, 1, p. 129-134 6 p.

Current GBIF occurrence data demonstrates both promise and limitations for potential red listing of spiders

Shirey, V., Seppälä, S., Branco, V. V. & Cardoso, P., 19 Dec 2019, In: Biodiversity Data Journal. 7, 8 p., 47369.

Species conservation profiles of tarantula spiders (Araneae, Theraphosidae) listed on CITES

Fukushima, C. S., Mendoza, J. I., West, R. C., Longhorn, S., Rivera, E., Cooper, E. W. T., Henaut, Y., Henriques, S. & Cardoso, P., 8 Nov 2019, In: Biodiversity Data Journal. 7, 183 p., 39342.

Local- versus broad-scale environmental drivers of continental β -diversity patterns in subterranean spider communities across Europe

Mammola, S., Cardoso, P., Angyal, D., Balázs, G., Blick, T., Brustel, H., Carter, J., Ćurčić, S., Danflous, S., Dányi, L., Déjean, S., Deltshv, C., Elverici, M., Fernández, J., Gasparo, F., Komnenov, M., Komposch, C., Kováč, L., Kunt, K. B., Mock, A., & 10 othersMoldovan, O., Naumova, M., Pavlek, M., Prieto, C. E., Ribera, C., Rozwałka, R., Růžička, V., Vargovitsh, R. S., Zaenker, S. & Isaia, M., Nov 2019, In: Proceedings of the Royal Society B. Biological Sciences. 286, 1914, 9 p., 20191579.

Large expert-curated database for benchmarking document similarity detection in biomedical literature search

RELISH Consortium, Zhou, Y., Yli-Kauhaluoma, J., Almeida, G. M. D. F., Cardoso, P., Eskelinen, E-L., Helanterä, H., Sillanpää, E., Frilander, M., Korpela, K., Pinto, C., Quinn, G., Tripathi, S. & Zeng, Z., 29 Oct 2019, In: Database-The journal of biological databases and curation. 2019, p. 1-66 66 p., baz085.

Continental data on cave-dwelling spider communities across Europe (Arachnida Araneae)

Mammola, S., Cardoso, P., Angyal, D., Balázs, G., Blick, T., Brustel, H., Carter, J., Ćurčić, S., Danflous, S., Dányi, L., Déjean, S., Deltshv, C., Elverici, M., Fernández, J., Gasparo, F., Komnenov, M., Komposch, C., Kováč, L., Kunt, K. B., Mock, A., & 10 othersMoldovan, O., Naumova, M., Pavlek, M., Prieto, C. E., Ribera, C., Rozwałka, R., Růžička, V., Vargovitsh, R. S., Zaenker, S. & Isaia, M., 8 Oct 2019, In: Biodiversity Data Journal. 7, 15 p., 38492.

Species conservation profiles of spiders (Araneae) endemic to mainland Portugal

Branco, V. V., Henriques, S., Rego, C. & Cardoso, P., 8 Oct 2019, In: Biodiversity Data Journal. 7, 162 p., 39315.

Can we really predict a catastrophic worldwide decline of entomofauna and its drivers?

Cardoso, P., Branco, V. V., Chichorro, F., Fukushima, C. S. & Macías-Hernández, N., Oct 2019, In: Global Ecology and Conservation. 20, 2 p., 00621.

A review of the relation between species traits and extinction risk

Chichorro, F., Juslén, A. & Cardoso, P., Sept 2019, In: Biological Conservation. 237, p. 220-229 10 p.

Scientists' Warning on the Conservation of Subterranean Ecosystems

Mammola, S., Cardoso, P., Culver, D. C., Deharveng, L., Ferreira, R. L., Flser, C., Galassi, D. M. P., Griebler, C., Halse, S., Humphreys, W. F., Isaia, M., Malard, F., Martinez, A., Moldovan, O. T., Niemiller, M. L., Pavlek, M., Reboleira, A. S. P. S., Souza-Silva, M., Teeling, E. C., Wynne, J. J., & 1 othersZagmajster, M., Aug 2019, In: BioScience. 69, 8, p. 641-650 10 p.

Taxonomic and functional diversity of insect herbivore assemblages associated with the canopy-dominant trees of the Azorean native forest

Rego, C., Boieiro, M., Rigal, F., Ribeiro, S., Cardoso, P. & Borges, P. A. V., 15 Jul 2019, In: PLoS One. 14, 7, 20 p., 0219493.

Predicting a global insect apocalypse

Cardoso, P. & Leather, S. R., Jul 2019, In: Insect Conservation and Diversity. 12, 4, p. 263-267 5 p.

Implications of climate change to the design of protected areas: The case study of small islands (Azores)

Ferreira, M. T., Cardoso, P., Borges, P. A. V., Gabriel, R., de Azevedo, E. B. & Elias, R. B., 13 Jun 2019, In: PLoS One. 14, 6, 17 p., 0218168.

An update to the Iberian spider checklist (Araneae)

Branco, V. V., Morano, E. & Cardoso, P., 10 Jun 2019, In: Zootaxa. 4614, 2, p. 201-254 54 p.

Species conservation profiles of cave-dwelling arthropods from Azores, Portugal

Vieira Borges, P. A., Lamelas-Lopez, L., Amorim, I. R., Danielczak, A., Boieiro, M., Rego, C., Wallon, S., Nunes, R., Cardoso, P. & Hochkirch, A., 24 Apr 2019, In: Biodiversity Data Journal. 7, 89 p., 32530.

Standardised inventories of spiders (Arachnida, Araneae) of Macaronesia I: The native forests of the Azores (Pico and Terceira islands)

Malumbres-Olarte, J., Cardoso, P., Fonseca Crespo, L. C., Gabriel, R., Pereira, F., Carvalho, R., Rego, C., Nunes, R., Ferreira, M. T., Amorim, I. R., Rigal, F. & Borges, P. A. V., 16 Apr 2019, In: Biodiversity Data Journal. 7, 18 p., 32625.

Globally distributed occurrences utilised in 200 spider species conservation profiles (Arachnida, Araneae)

Cardoso, P., Shirey, V., Seppälä, S., Henriques, S., Draney, M. L., Foord, S., Gibbons, A. T., Gomez, L. A., Kariko, S., Malumbres-Olarte, J., Milne, M. & Vink, C. J., 2 Apr 2019, In: Biodiversity Data Journal. 7, 9 p., 33264.

Climate change going deep: The effects of global climatic alterations on cave ecosystems

Mammola, S., Piano, E., Cardoso, P., Vernon, P., Dominguez-Villar, D., Culver, D. C., Pipan, T. & Isaia, M., Apr 2019, In: The Anthropocene Review. 6, 1-2, p. 98-116 19 p.

Species conservation profiles of a random sample of world spiders IV: Scytodidae to Zoropsidae

Seppälä, S., Henriques, S. S., Draney, M. L., Foord, S., Gibbons, A. T., Gomez, L. A., Kariko, S., Malumbres-Olarte, J., Milne, M., Vink, C. J. & Cardoso, P., 14 Dec 2018, In: Biodiversity Data Journal. 6, 211 p., e30842.

A DNA barcode-assisted annotated checklist of the spider (Arachnida, Araneae) communities associated to white oak woodlands in Spanish National Parks

Crespo, L. C., Domenech, M., Enguídanos, A., Malumbres-Olarte, J., Cardoso, P., Moya-Larano, J., Frias-Lopez, C., Macias Hernandez, N. E., de Mas, E., Mazzuca, P., Mora, E., Opatova, V., Planas, E., Ribera, C., Roca-Cusachs, M., Ruiz, D., Sousa, P., Tonzon, V. & Arnedo, M. A., 29 Nov 2018, In: Biodiversity Data Journal. 6, 457 p., e29443.

Species conservation profiles of a random sample of world spiders III: Oecobiidae to Salticidae

Seppälä, S., Henriques, S., Draney, M. L., Foord, S., Gibbons, A. T., Gomez, L. A., Kariko, S., Malumbres-Olarte, J., Milne, M., Vink, C. J. & Cardoso, P., 3 Aug 2018, In: Biodiversity Data Journal. 6, 262 p., 27004.

A synthesis on cave-dwelling spiders in Europe

Mammola, S., Cardoso, P., Ribera, C., Pavlek, M. & Isaia, M., Aug 2018, In: Journal of Zoological Systematics and Evolutionary Research. 56, 3, p. 301-316 16 p.

Global Island Monitoring Scheme (GIMS): a proposal for the long-term coordinated survey and monitoring of native island forest biota

Borges, P. A. V., Cardoso, P., Kreft, H., Whittaker, R. J., Fattorini, S., Emerson, B. C., Gil, A., Gillespie, R. G., Matthews, T. J., Santos, A. M. C., Steinbauer, M. J., Thebaud, C., Ah-Peng, C., Amorim, I. R., Aranda, S. C., Arroz, A. M., Azevedo, J. M. N., Boieiro, M., Borda-de-Agua, L., Carvalho, J. C., & 32 others Elias, R. B., Fernandez-Palacios, J. M., Florencio, M., Gonzalez-Mancebo, J. M., Heaney, L. R., Hortal, J., Kueffer, C., Lequette, B., Martin-Esquivel, J. L., Lopez, H., Lamelas-Lopez, L., Marcelino, J., Nunes, R., Oromi, P., Patino, J., Perez, A. J., Rego, C., Ribeiro, S. P., Rigal, F., Rodrigues, P., Rominger, A. J., Santos-Reis, M., Schaefer, H., Sergio, C., Serrano, A. R. M., Sim-Sim, M., Stephenson, P. J., Soares, A. O., Strasberg, D., Vanderporten, A., Vieira, V. & Gabriel, R., Aug 2018, In: Biodiversity and Conservation. 27, 10, p. 2567-2586 20 p.

Species conservation profiles of a random sample of world spiders II: Gnaphosidae to Nemesiidae

Seppälä, S., Henriques, S., Draney, M. L., Foord, S., Gibbons, A. T., Gomez, L. A., Kariko, S., Malumbres-Olarte, J., Milne, M., Vink, C. J. & Cardoso, P., 29 Jun 2018, In: Biodiversity Data Journal. 6, 210 p., e26203.

A comparative analysis of terrestrial arthropod assemblages from a relict forest unveils historical extinctions and colonization differences between two oceanic islands

Boieiro, M., Matthews, T. J., Rego, C., Crespo, L., Aguiar, C. A. S., Cardoso, P., Rigal, F., Silva, I., Pereira, F., Borges, P. A. V. & Serrano, A. R. M., 25 Apr 2018, In: PLoS One. 13, 4, 22 p., 0195492.

Species conservation profiles of a random sample of world spiders I: Agelenidae to Filistatidae

Seppälä, S., Henriques, S., Draney, M. L., Foord, S., Gibbons, A. T., Gomez, L. A., Kariko, S., Malumbres-Olarte, J., Milne, M., Vink, C. J. & Cardoso, P., 25 Apr 2018, In: Biodiversity Data Journal. 6, 189 p., e23555.

Effects of climate change on the distribution of hoverfly species (Diptera: Syrphidae) in Southeast Europe

Milicic, M., Vujic, A. & Cardoso, P., Apr 2018, In: Biodiversity and Conservation. 27, 5, p. 1173-1187 15 p.

The same but different: equally megadiverse but taxonomically variant spider communities along an elevational gradient

Malumbres-Olarte, J., Crespo, L., Cardoso, P., Szuts, T., Fannes, W., Pape, T. & Scharff, N., Apr 2018, In: Acta Oecologica. 88, p. 19-28 10 p.

Functional traits of indigenous and exotic ground-dwelling arthropods show contrasting responses to land-use change in an oceanic island, Terceira, Azores

Rigal, F., Cardoso, P., Lobo, J. M., Triantis, K. A., Whittaker, R. J., Amorim, I. R. & Borges, P. A. V., Jan 2018, In: Diversity and Distributions. 24, 1, p. 36-47 12 p.

Aphonopelma pallidum

Fukushima, C. S., Mendoza, J., West, R., Longhorn, S., Rivera Tellez, E., Henriques, S. & Cardoso, P., 2018, In: The IUCN Red List of Threatened Species. 2018, e.T66080948A66082778.

Araneus hortensis

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T57791251A58060651.

Arctosa maderana

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58048540A58060992.

Brachypelma albiceps

Fukushima, C. S., Mendoza, J., West, R., Longhorn, S., Rivera Tellez, E., Henriques, S. S. & Cardoso, P., 2018, In: The IUCN Red List of Threatened Species. 2018, 10 p., e.T66081178A66082783.

Brachypelma albopilosum

Fukushima, C. S., Mendoza, J., West, R. C., Longhorn, S., Rivera Tellez, E., Henriques, S. & Cardoso, P., 2018, In: The IUCN Red List of Threatened Species. 2018, 10 p., T66081213A66082788.

Brachypelma andrewi

Fukushima, C. S., Mendoza, J., West, R., Longhorn, S., Rivera Tellez, E., Henriques, S. & Cardoso, P., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T66081217A66082793.

Brachypelma auratum

Fukushima, C. S., Mendoza, J., West, R., Longhorn, S., Rivera Tellez, E., Henriques, S. & Cardoso, P., 2018, In: The IUCN Red List of Threatened Species. 2018, 10 p., e.T66081448A66082808.

Brachypelma aureocephs

Fukushima, C. S., Mendoza, J., West, R., Longhorn, S., Rivera Tellez, E., Henriques, S. S. & Cardoso, P., 2018, In: The IUCN Red List of Threatened Species. 2018, 9 p., e.T66081466A66082813.

Brachypelma baumgarteni

Fukushima, C. S., Mendoza, J., West, R., Longhorn, S., Rivera Tellez, E., Henriques, S. S. & Cardoso, P., 2018, In: The IUCN Red List of Threatened Species. 2018, 10 p., e.T66081548A66082818.

Brachypelma boehmei

Fukushima, C. S., Mendoza, J., West, R., Longhorn, S., Rivera Tellez, E., Henriques, S. S. & Cardoso, P., 2018, In: The IUCN Red List of Threatened Species. 2018, 10 p., e.T66081558A66082823.

Brachypelma emilia

Fukushima, C. S., Mendoza, J., West, R., Longhorn, S., Rivera Tellez, E., Henriques, S. S. & Cardoso, P., 2018, In: The IUCN Red List of Threatened Species. 2018, 10 p., e.T66081622A66082833.

Brachypelma epicureanum

Fukushima, C. S., Mendoza, J., West, R., Longhorn, S., Rivera Tellez, E., Henriques, S. S. & Cardoso, P., 2018, In: The IUCN Red List of Threatened Species. 2018, 10 p., e.T66081696A66082838.

Brachypelma fossorium

Fukushima, C. S., Mendoza, J., West, R., Longhorn, S., Rivera Tellez, E., Henriques, S. S. & Cardoso, P., 2018, In: The IUCN Red List of Threatened Species. 2018, 11 p., e.T66081722A66082843.

Brachypelma hamorii

Fukushima, C. S., Mendoza, J., Longhorn, S., Henriques, S. S., West, R., Rivera Tellez, E. & Cardoso, P., 2018, In: The IUCN Red List of Threatened Species. 2018, 10 p., e.T66081800A66082848.

Brachypelma kahlenbergi

Fukushima, C. S., Mendoza, J., West, R., Longhorn, S., Rivera Tellez, E., Henriques, S. S. & Cardoso, P., 2018, In: The IUCN Red List of Threatened Species. 2018, 10 p., e.T66081869A66082853.

Brachypelma klaasi

Fukushima, C. S., Mendoza, J., West, R., Longhorn, S., Rivera Tellez, E., Henriques, S. S. & Cardoso, P., 2018, In: The IUCN Red List of Threatened Species. 2018, 11 p., e.T66081934A66082858.

Brachypelma sabulosum

Fukushima, C. S., Mendoza, J., West, R. C., Longhorn, S., Rivera Tellez, E., Henriques, S. & Cardoso, P., 2018, In: The IUCN Red List of Threatened Species. 2018, 9 p., T66082155A66082863.

Brachypelma schroederi

Fukushima, C. S., Mendoza, J., West, R., Longhorn, S., Rivera Tellez, E., Henriques, S. S. & Cardoso, P., 2018, In: The IUCN Red List of Threatened Species. 2018, 10 p., e.T66082166A66082868.

Brachypelma smithi

Fukushima, C. S., Mendoza, J., West, R., Longhorn, S., Rivera Tellez, E., Henriques, S. S. & Cardoso, P., 2018, In: The IUCN Red List of Threatened Species. 2018, 12 p., e.T8152A21416539.

Brachypelma vagans

Fukushima, C. S., Henault, Y., Mendoza, J., West, R. C., Longhorn, S., Rivera Tellez, E., Henriques, S. & Cardoso, P., 2018, In: The IUCN Red List of Threatened Species. 2018, 13 p., T66082199A66082873.

Brachypelma verdezi

Fukushima, C. S., Mendoza, J., Longhorn, S., West, R., Rivera Tellez, E., Henriques, S. S. & Cardoso, P., 2018, In: The IUCN Red List of Threatened Species. 10 p., e.T66082277A66082878.

Centromerus anoculus

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 11 p., e.T57979781A58060847.

Centromerus sexoculatus

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 9 p., e.T57979794A58060852.

Centromerus variegatus

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T57979798A58060857.

Ceratinopsis infuscata

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T57979897A58060862.

Community structure of woody plants on islands along a bioclimatic gradient

Borges, P. A. V., Cardoso, P., Fattorini, S., Rigal, F., Matthews, T. J., Biase, L., Amorim, I. R., Florencio, M., Borda-de-Agua, L., Rego, C., Pereira, F., Nunes, R., Carvalho, R., Ferreira, M. T., Lopez, H., Pérez Delgado, A. J., Otto, R., Fernández Lugo, S., de Nascimento, L., Caujapé-Castells, J., & 10 others Casquet, J., Danflous, S., Fournel, J., Sadeyen, A-M., Elias, R. B., Fernández-Palacios, J. M., Oromi, P., Thebaud, C., Strasberg, D. & Emerson, B. C., 2018, In: *Frontiers of Biogeography*. 10, 3-4, 10 p., e40295.

Dipoenata longitarsis

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58052874A58061297.

Drassodes rugichelis

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 9 p., e.T57883687A58060767.

Dysdera aneris

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T123716589A123717427.

Dysdera coiffaiti

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T57842073A58060697.

Dysdera diversa

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T57842078A58060702.

Dysdera vandeli

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T57859856A58060747.

Echemus modestus

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T57890654A58060772.

Frontinellina dearmata

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T57980037A58060867.

Frontiphantes fulgurenotatus

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T57980080A58060872.

Hahnina insulana

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T57979695A58060822.

Hogna biscoitoi

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58048548A58060997.

Hogna heeri

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58048559A58061002.

Hogna insularum

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58048609A58061012.

Hogna maderiana

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 9 p., e.T58048618A58061017.

Hogna nonannulata

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58048634A58061022.

Hogna schmitzi

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58048645A58061027.

Lathys affinis

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T57822386A58060681.

Lepthyphantes impudicus

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58020649A58060887.

Lepthyphantes lundbladi

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58020677A58060892.

Lepthyphantes maui

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58020687A58060897.

Macaroeris desertensis

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58052642A58061257.

Macarophaeus cultior

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58076171A58077426.

Mesiotelus maderianus

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 9 p., e.T58048491A58060972.

Meta barreti

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58052741A58061267.

Meta stridulans

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58052776A58061277.

Misumena nigromaculata

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, e.T58053406A58061347.

Oecobius minor

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58048890A58061072.

Oecobius selvagensis

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 9 p., e.T58048910A58061082.

Parapelecopsis mediocris

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T123717204A123717432.

Philodromus insulanus

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58049175A58061107.

Philodromus simillimus

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 9 p., e.T58049180A58061112.

Pholcus dentatus

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58049419A58061137.

Pholcus madeirensis

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58049423A58061142.

Pholcus magnus

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58049427A58061147.

Pholcus parvus

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58049431A58061152.

Pholcus silvai

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58049631A58061162.

Prinerigone pigra

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58021346A58060922.

Rugathodes madeirensis

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58053028A58061312.

Scotognapha paivai

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T57979652A58060797.

Sericopelma angustum

Fukushima, C. S., Mendoza, J., West, R., Longhorn, S., Rivera Tellez, E., Henriques, S. S. & Cardoso, P., 2018, In: The IUCN Red List of Threatened Species. 2018, 9 p., e.T66081257A66082798.

Sericopelma embrithes

Fukushima, C. S., Mendoza, J., West, R., Longhorn, S., Rivera Tellez, E., Henriques, S. S. & Cardoso, P., 2018, In: The IUCN Red List of Threatened Species. 2018, 10 p., e.T66081568A66082828.

Spermophorides selvagensis

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58051156A58061212.

Tenuiphantes tenebricoloides

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T123717353A123717437.

Theoretical approach for how species abundance distributions change across scales

Alirezazadeh, S., Borda-de-Agua, L., Borges, P., Gabriel, R., Dionisio, F., Henrique M., P. & Cardoso, P., 2018, *13th APCA International Conference on Automatic Control and Soft Computing : (CONTROLO 2018) : proceedings: 4-6 June 2018, University of the Azores, Ponta Delgada, São Miguel Island, Azores, Portugal*. Cardoso, A., Teixeira, C., Henriques, J. & Gil, P. (eds.). Piscataway, NJ: IEEE, p. 131-136 6 p.

Trogloneta madeirensis

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58048804A58061047.

Turinyphia maderiana

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58048181A58060947.

Typhochrestus madeirensis

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58081425A58081483.

Xysticus grohi

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 9 p., e.T58053533A58061357.

Xysticus madeirensis

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 8 p., e.T58053588A58061362.

Zimirina lepida

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. & Boieiro, M., 2018, In: The IUCN Red List of Threatened Species. 2018, 8 p., e.T58051517A58061232.

Standardized spider (Arachnida, Araneae) inventory of Hankoniemi, Finland

Cardoso, P., Heikkinen, L., Jalkanen, J., Kohonen, M., Leponiemi, M., Mattila, L., Ollonen, J., Ranki, J-P., Virolainen, A., Zhou, X. & Pajunen, T., 18 Dec 2017, In: Biodiversity Data Journal. 5, 12 p., e21010.

Characterising and predicting cyanobacterial blooms in an 8-year amplicon sequencing time course

Tromas, N., Fortin, N., Bedrani, L., Terrat, Y., Cardoso, P., Bird, D., Greer, C. W. & Shapiro, B. J., Aug 2017, In: ISME Journal. 11, 8, p. 1746-1763 18 p.

A combined field survey and molecular identification protocol for comparing forest arthropod biodiversity across spatial scales

Emerson, B. C., Casquet, J., Lopez, H., Cardoso, P., Borges, P. A. V., Mollaret, N., Oromi, P., Strasberg, D. & Thebaud, C., Jul 2017, In: Molecular Ecology Resources. 17, 4, p. 694-707 14 p.

***Harmonia axyridis* failed to establish in the Azores: the role of species richness, intraguild interactions and resource availability**

Soares, A. O., Honek, A., Martinkova, Z., Skuhrovec, J., Cardoso, P. & Borges, I., Jun 2017, In: BioControl. 62, 3, p. 423-434 12 p.

A roadmap for island biology: 50 fundamental questions after 50 years of The Theory of Island Biogeography

Patino, J., Whittaker, R. J., Borges, P. A. V., Maria Fernandez-Palacios, J., Ah-Peng, C., Araujo, M. B., Avila, S. P., Cardoso, P., Cornuault, J., de Boer, E. J., de Nascimento, L., Gil, A., Gonzalez-Castro, A., Gruner, D. S., Heleno, R., Hortal, J., Carlos Illera, J., Kaiser-Bunbury, C. N., Matthews, T. J., Papadopoulou, A., & 9 othersPettorelli, N., Price, J. P., Santos, A. M. C., Steinbauer, M. J., Triantis, K. A., Valente, L., Vargas, P., Weigelt, P. & Emerson, B. C., May 2017, In: Journal of Biogeography. 44, 5, p. 963-983 21 p.

Impact of land-use change on flower-visiting insect communities on an oceanic island

Picanco, A., Rigal, F., Matthews, T. J., Cardoso, P. & Borges, P. A. V., May 2017, In: Insect Conservation and Diversity. 10, 3, p. 211-223 13 p.

Processes underpinning fish species composition patterns in estuarine ecosystems worldwide

Henriques, S., Cardoso, P., Cardoso, I., Laborde, M., Cabral, H. N. & Vasconcelos, R. P., Mar 2017, In: Journal of Biogeography. 44, 3, p. 627-639 13 p.

Gauging megadiversity with optimized and standardized sampling protocols: A case for tropical forest spiders

Malumbres-Olarte, J., Scharff, N., Pape, T., Coddington, J. & Cardoso, P., Jan 2017, In: Ecology and Evolution. 7, 2, p. 494-506 13 p.

Clitaetra clathrata

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T78591749A78595495.

Clitaetra episinoides

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T78592035A78595500.

Clitaetra irenae

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T78592090A78595505.

Clitaetra perroti

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T78592236A78595510.

Clitaetra simoni

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T78592284A78595515.

Clitaetra thisbe

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T78592365A78595520.

Designating conservation priorities for Southeast European hoverflies (Diptera: Syrphidae) based on species distribution models and species vulnerability

Miličić, M., Vujic, A., Jurca, T. & Cardoso, P., 2017, In: Insect Conservation and Diversity. 10, 4, p. 354-366 13 p.

Dispersal ability determines the scaling properties of species abundance distributions: a case study using arthropods from the Azores.

Borda-de-Agua, L., Whittaker, R., Cardoso, P., Rigal, F., Santos, A., Amorim, I., Parmakelis, A., Triantis, K., Pereira, H. & Borges, P. A. V., 2017, In: Scientific Reports. 7, 13 p., 3899.

Herennia agnarssoni

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T78592616A89263674.

Herennia deelemanae

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T78592624A89263679.

Herennia etruscilla

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T78592643A89263684.

Herennia gagamba

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T78592700A89263689.

Herennia jernej

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T78592716A89263694.

Herennia milleri

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T78593033A89263699.

Herennia multipuncta

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T78594136A89263704.

Herennia oz

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T78594264A89263709.

Herennia papuana

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T78594275A89263714.

Herennia sonja

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T78594308A89263719.

Herennia tone

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T78594316A89263724.

red - an R package to facilitate species red list assessments according to the IUCN criteria

Cardoso, P., 2017, In: Biodiversity Data Journal. 5, 14 p., e20530.

Nephila antipodiana

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T89292178A89292854.

Nephila clavata

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T89292211A89292868.

Nephila clavipes

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T89292313A89292873.

Nephila constricta

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T89292340A89292883.

Nephila edulis

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T89292344A89292878.

Nephila fenestrata

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T89292365A89292893.

Nephila inaurata

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T89292381A89292888.

Nephila komaci

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T85736989A89292898.

Nephila pilipes

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T89292557A89292903.

Nephila plumipes

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T89292633A89292908.

Nephila senegalensis

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T89292758A89292913.

Nephila sexpunctata

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T89292825A89292918.

Nephila sumptuosa

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T89292829A89292923.

Nephila turneri

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T89292847A89292928.

Nephilengys malabarensis

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T78594404A89263729.

Nephilengys papuana

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T78594471A89263734.

Nephilingis borbonica

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T80274227A80274288.

Nephilingis cruentata

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T80274336A80274370.

Nephilingis dodo

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T80274377A80274414.

Nephilingis livida

Kuntner, M., Rudolf, E. & Cardoso, P., 2017, In: The IUCN Red List of Threatened Species. 2017, e.T80274449A89263739.

Species conservation profile of the rare and endemic trapdoor spider *Calathotarsus simoni* (Araneae, Migidae) from Central Argentina

Ferreti, N., Pompozzi, G. & Cardoso, P., 2017, In: Biodiversity Data Journal. 5, 13 p., e14790.

Species conservation profiles of endemic spiders (Araneae) from Madeira and Selvagens archipelagos, Portugal

Cardoso, P., Crespo, L. C., Silva, I., Borges, P. A. V. & Boieiro, M., 2017, In: Biodiversity Data Journal. 5, 218 p., e20810.

The database of the PREDICTS (Projecting Responses of Ecological Diversity In Changing Terrestrial Systems) project

PREDICTS Group & Phillips, H. R. P., 2017, In: Ecology and Evolution. 7, 1, p. 145-188 44 p.

Effects of climate change on the distribution of indigenous species in oceanic islands (Azores)

Ferreira, M. T., Cardoso, P., Borges, P. A. V., Gabriel, R., de Azevedo, E. B., Reis, F., Araujo, M. B. & Elias, R. B., Oct 2016, In: Climatic Change. 138, 3-4, p. 603-615 13 p.

The role of plant fidelity and land-use changes on island exotic and indigenous canopy spiders at local and regional scales

Florencio, M., Rigal, F., Borges, P. A. V., Cardoso, P., Santos, A. M. C. & Lobo, J. M., Aug 2016, In: Biological Invasions. 18, 8, p. 2309-2324 16 p.

Biogeographical patterns of the genus *Merodon* Meigen, 1803 (Diptera: Syrphidae) in islands of the eastern Mediterranean and adjacent mainland

Vujic, A., Petanidou, T., Tscheulin, T., Cardoso, P., Radenkovic, S., Ståhls, G., Baturan, Z., Mijatovic, G., Rojo, S., Perez-Banon, C., Devalez, J., Andric, A., Jovicic, S., Krasic, D., Markov, Z., Radisic, D. & Tataris, G., May 2016, In: Insect

Conservation and Diversity. 9, 3, p. 181-191 11 p.

Phylogeographic patterns of Merodon hoverflies in the Eastern Mediterranean region: revealing connections and barriers
Ståhls, G., Vujic, A., Petanidou, T., Cardoso, P., Radenkovic, S., Acanski, J., Perez Banon, C. & Rojo, S., Apr 2016, In: Ecology and Evolution. 6, 7, p. 2226-2245 20 p.

Application of the Red List Index as an indicator of habitat change

Juslen, A. K., Pykälä, J., Kuusela, S., Kaila, L. J., Kullberg, J. B., Mattila, J. A., Muona, J. E., Saari, S. E. & Cardoso, P., Mar 2016, In: Biodiversity and Conservation. 25, 3, p. 569-585 17 p.

Trends of extinction risk for Lepidoptera in Finland: the first national Red List Index of butterflies and moths

Juslen, A., Cardoso, P., Kullberg, J., Saari, S. & Kaila, L., Mar 2016, In: Insect Conservation and Diversity. 9, 2, p. 118-123 6 p.

Using species abundance distribution models and diversity indices for biogeographical analyses

Fattorini, S., Rigal, F., Cardoso, P. & Borges, P. A. V., Jan 2016, In: Acta Oecologica. 70, p. 21-28 8 p.

Arrábida – inside and out

NECA - Nucleo de Espeleologia da Costa Azul, 2016, 80 p.

Assessing the efficiency of protected areas to represent biodiversity: a small island case study

Vergilio, M., Fonseca, C., Calado, H., Borges, P. A. V., Elias, R. B., Gabriel, R., Martins, A., Azevedo, E. & Cardoso, P., 2016, In: Environmental Conservation. 43, 4, p. 337-349 13 p.

Challenges, advances and perspectives in island biogeography

Borges, P., Cardoso, P., Gabriel, R., Ah-Peng, C. & Emerson, B., 2016, In: Frontiers of Biogeography. 8, 2, 10 p., e29136.

New records and detailed distribution and abundance of species collected between 1999 and 2011 in Azorean native forests

BALA Group, 2016, In: Biodiversity Data Journal. 4, 84 p., e10948.

Optimal inventorying and monitoring of taxon, phylogenetic and functional diversity

Cardoso, P., Carvalho, J., Crespo, L. & Arnedo, M., 2016, (Submitted) In: BioRxiv beta : the preprint server for biology.

RED - IUCN Redlisting Tools

Cardoso, P., 2016

Sistema do Frade: classificação dos espeleotemas e contribuições para o conhecimento do carso da Arrábida ocidental

Santos, J., Rasteiro, F., Carvalho, R. & NECA - Nucleo de Espeleologia da Costa Azul, 2016, Setúbal: Associação de Municípios da Região de Setúbal. 345 p.

Species conservation profile of the alpine stenoendemic spider Vesubia jugorum (Araneae, Lycosidae) from the Maritime Alps

Mammola, S., Milano, F., Cardoso, P. & Isaia, M., 2016, In: Biodiversity Data Journal. 4, 15 p., e10527.

Species conservation profile of the cave spider Turinyphia cavernicola (Araneae, Linyphiidae) from Terceira Island, Azores, Portugal

Borges, P. A. V., Crespo, L. C. & Cardoso, P., 2016, In: Biodiversity Data Journal. 4, p. 1-12 12 p., e10274.

Species conservation profiles compliant with the IUCN Red List of Threatened Species

Cardoso, P., Stoev, P., Georgiev, T., Senderov, V. & Penev, L., 2016, In: Biodiversity Data Journal. 4, p. 1-4 4 p., e10356.

Topography-driven isolation, speciation and a global increase of endemism with elevation

Steinbauer, M., Field, R., Grytnes, J.-A., Trigas, P., Ah-Peng, C., Attorre, F., Birks, J., Borges, P. A. V., Cardoso, P., Chou, C.-H., De Sanctis, M., Duarte, M., Elias, R., Fernandez-Palacios, J.-M., Gabriel, R., Gereau, R., Gillespie, R., Greimler, J., Harter, D., Huang, T.-J., & 13 others Irl, S., Jeanmonod, D., Jentsch, A., Jump, A., Kueffer, C., Nogue, S., Otto, R., Price, J., Romeiras, M., Strasberg, D., Stuessy, T., Vetaas, O. & Beierkuhnlein, C., 2016, In: *Global Ecology and Biogeography*. 25, 9, p. 1097-1107 11 p.

Modeling directional spatio-temporal processes in island biogeography

Carvalho, J. C., Cardoso, P., Rigal, F., Triantis, K. A. & Borges, P. A. V., Oct 2015, In: *Ecology and Evolution*. 5, 20, p. 4671-4682 12 p.

The Colonisation of Exotic Species Does Not Have to Trigger Faunal Homogenisation: Lessons from the Assembly Patterns of Arthropods on Oceanic Islands

Florencio, M., Lobo, J. M., Cardoso, P., Almeida-Neto, M. & Borges, P. A. V., 29 May 2015, In: *PLoS One*. 10, 5, 16 p., 0128276.

Quantitative tools and simultaneous actions needed for species conservation under climate change-reply to Shoo et al. (2013)

Ahteensuu, M., Aikio, S., Cardoso, P., Hyvarinen, M., Hallfors, M., Lehvavirta, S., Schulman, L. & Vaara, E., Mar 2015, In: *Climatic Change*. 129, 1-2, p. 1-7 7 p.

BAT - Biodiversity Assessment Tools, an R package for the measurement and estimation of alpha and beta taxon, phylogenetic and functional diversity

Cardoso, P., Rigal, F. & Carvalho, J. C., Feb 2015, In: *Methods in Ecology and Evolution*. 6, 2, p. 232-236 5 p.

Arthropods and other biota associated with Azorean trees & shrubs: *Juniperus brevifolia*

Nunes, R., Gabriel, R., Elias, R., Rigal, F., Soares, A., Cardoso, P. & Borges, P., 2015, In: *Arquipelago*. 32, p. 19-48 30 p.

Assessing the conservation status of the strict endemic Desertas wolf spider, *Hogna ingens* (Araneae, Lycosidae)

Crespo, L. C., Silva, I., Borges, P. A. V. & Cardoso, P., Dec 2014, In: *Journal for Nature Conservation*. 22, 6, p. 516-524 9 p.

Drivers of beta diversity in Macaronesian spiders in relation to dispersal ability

Carvalho, J. C. & Cardoso, P., Oct 2014, In: *Journal of Biogeography*. 41, 10, p. 1859-1870 12 p.

The gambin model provides a superior fit to species abundance distributions with a single free parameter: evidence, implementation and interpretation

Matthews, T. J., Borregaard, M. K., Ugland, K. I., Borges, P. A. V., Rigal, F., Cardoso, P. & Whittaker, R. J., Oct 2014, In: *Ecography*. 37, 10, p. 1002-1011 10 p.

Functional biogeography of oceanic islands and the scaling of functional diversity in the Azores

Whittaker, R. J., Rigal, F., Borges, P. A. V., Cardoso, P., Terzopoulou, S., Casanoves, F., Pla, L., Guilhaumon, F., Ladle, R. J. & Triantis, K. A., 23 Sept 2014, In: *Proceedings of the National Academy of Sciences of the United States of America*. 111, 38, p. 13709-13714 6 p.

Potential distribution and cost estimation of the damage caused by *Cryptotermes brevis* (Isoptera: Kalotermitidae) in the Azores

Guerreiro, O., Cardoso, P., Ferreira, J. M., Ferreira, M. T. & Borges, P. A. V., Aug 2014, In: *Journal of Economic Entomology*. 107, 4, p. 1554-1562 9 p.

Prioritizing non-marine invertebrate taxa for Red Listing

Gerlach, J., Samways, M. J., Hochkirch, A., Seddon, M., Cardoso, P., Clausnitzer, V., Cumberlidge, N., Daniel, B. A., Black, S. H., Ott, J. & Williams, P. H., Aug 2014, In: *Journal of Insect Conservation*. 18, 4, p. 573-586 14 p.

On three endemic species of the linyphiid spider genus *Canariphantes* Wunderlich, 1992 (Araneae: Linyphiidae) from the Azores archipelago

Crespo, L., Bosmans, R., Cardoso, P. M. & Borges, P., Jul 2014, In: *Zootaxa*. 3841, p. 403-417 15 p.

A new frontier in biodiversity inventory: a proposal for estimators of phylogenetic and functional diversity

Cardoso, P., Rigal, F., Borges, P. A. V. & Carvalho, J. C., May 2014, In: *Methods in Ecology and Evolution*. 5, 5, p. 452-461 10 p.

Partitioning taxon, phylogenetic and functional beta diversity into replacement and richness difference components

Cardoso, P., Rigal, F., Carvalho, J. C., Fortelius, M., Borges, P. A. V., Podani, J. & Schmera, D., Apr 2014, In: *Journal of Biogeography*. 41, 4, p. 749-761 13 p.

Spatial distribution of Madeira Island Laurisilva endemic spiders (Arachnida: Araneae)

Crespo, L., Boieiro, M., Cardoso, P. M., Aguiar, C., Amorim, I., Barrinha, C., Borges, P., Menezes, D., Pereira, F., Rego, C., Ribeiro, S., Silva, I. & Serrano, A., 14 Feb 2014, In: *Biodiversity Data Journal*. 2, p. e1051 60 p., e1051.

BAT - Biodiversity Assessment Tools

Cardoso, P. M., Rigal, F. & Carvalho, J., 2014

Biodiversidade, endemismos e espécies protegidas associadas às lagoas e cursos de água da Serra da Estrela: valorização de um século de aproveitamento hidroelétrico

Boieiro, M., Aguiar, C., Antunes, S., Bivar de Sousa, A., Borges, P., Cardoso, P. M., Conde, J., Figueiredo, H., Garcia-Pereira, P., Monteiro, E., Rego, C., Soares, A. & Serrano, A., 2014, In: *Ecologi@*. 7, p. 92-94 3 p.

Conflito entre actividades humanas e a conservação de endemismos insulares numa área de elevada biodiversidade à escala mundial

Boieiro, M., Aguiar, A., Aguiar, C., Borges, P., Cardoso, P. M., Crespo, L., Farinha, A., Hortal, J., Silva, P., Menezes, D., Palma, C., Pereira, F., Prado e Castro, C., Rego, C., Silva, P., Santos, A., Silva, I., Sousa, J. & Serrano, A., 2014, In: *Ecologi@*. 7, p. 85-88 4 p.

Efficiency of sampling methods and effort to assess arthropod diversity in Azorean native forests

Gaspar, C., Cardoso, P. M., Borges, P. & Gaston, K., 2014, In: *Arquipelago*. 31, p. 21-36 16 p.

Madeira, a Pérola da Biodiversidade: valorização dos habitats naturais e dos endemismos do arquipélago

Boieiro, M., Aguiar, A., Aguiar, C., Borges, P., Cardoso, P. M., Crespo, L., Menezes, D., Pereira, F., Rego, C., Silva, I., Silva, P. & Serrano, A., 2014, *Sociedade Portuguesa de Entomologia*. 80 p.

Arthropod assemblage homogenization in oceanic islands: the role of indigenous and exotic species under landscape disturbance

Florencio, M., Cardoso, P., Lobo, J. M., de Azevedo, E. B. & Borges, P. A. V., Nov 2013, In: *Diversity and Distributions*. 19, 11, p. 1450-1460 11 p.

Measuring fractions of beta diversity and their relationships to nestedness: a theoretical and empirical comparison of novel approaches

Carvalho, J. C., Cardoso, P., Borges, P. A. V., Schmera, D. & Podani, J., Jun 2013, In: *Oikos*. 122, 6, p. 825-834 10 p.

Spatial Factors Play a Major Role as Determinants of Endemic Ground Beetle Beta Diversity of Madeira Island Laurisilva

Boieiro, M., Carvalho, J. C., Cardoso, P., Aguiar, C. A. S., Rego, C., de Faria e Silva, I., Amorim, I. R., Pereira, F., Azevedo, E. B., Borges, P. A. V. & Serrano, A. R. M., 27 May 2013, In: *PLoS One*. 8, 5, 10 p.

Integrating Landscape Disturbance and Indicator Species in Conservation Studies

Cardoso, P., Rigal, F., Fattorini, S., Terzopoulou, S. & Borges, P. A. V., 1 May 2013, In: *PLoS One*. 8, 5, 10 p.

Advances in Artificial Intelligence: Local Proceedings

Correia, L. (ed.), Reis, L. P. (ed.), Cascalho, J. (ed.), Gomes, L. M. (ed.), Guerra, H. (ed.) & Cardoso, P. M. (ed.), 2013, Ponta Delgada: CMATI - University of the Azores. 620 p.

New records of exotic spiders and insects to the Azores, and new data on recently introduced species

Borges, P., Reut, M., da Ponte, N., Quartau, J., Fletcher, M., Bivar de Sousa, A., Pollet, M., Onofre Soares, A., Marcelino, J., Rego, C. & Cardoso, P. M., 2013, In: Arquipelago. 30, p. 57-70 4 p.

On the endemic spider species of the genus *Savigniorhipis* Wunderlich, 1992 (Araneae: Linyphiidae) in the Azores (Portugal), with description of a new species

Crespo, L. C., Bosmans, R., Cardoso, P. & Borges, P. A. V., 2013, In: Zootaxa. 3745, 3, p. 330-342 13 p.

Rapid biodiversity assessment, faunistics and description of a new spider species (Araneae) from Desertas Islands and Madeira (Portugal)

Crespo, L. C., Silva, I., Borges, P. A. V. & Cardoso, P. M., 2013, In: Revista Ibérica de Aracnología. 2013, 23, p. 11-23 13 p.

Determinants of spider species richness in coastal dunes along a gradient of mediterraneity

CARVALHO, J. C., CARDOSO, P., CRESPO, L. C., HENRIQUES, S., CARVALHO, RUI. & GOMES, P., 2012, In: Insect Conservation and Diversity.

Determining the relative roles of species replacement and species richness differences in generating beta-diversity patterns

Carvalho, J. C., Cardoso, P. & Gomes, P., 2012, In: Global Ecology and Biogeography.

Diversity and community assembly patterns of epigeal vs. troglobiont spiders in the Iberian Peninsula

Cardoso, P., 2012, In: International Journal of Speleology. 41, 1, p. 9 1 p.

Habitats Directive species lists: urgent need of revision

CARDOSO, P., 2012, In: Insect Conservation and Diversity.

Prey-race drives differentiation of biotypes in ant-eating spiders

Pekár, S., Smerda, J., Hrusková, M., Sedo, O., Muster, C., Cardoso, P., Zdráhal, Z., Korenko, S., Bures, P. & Liznarová, E., 2012, In: Journal of Animal Ecology.

Resolving the Azorean knot: a response to Carine Schaefer (2010)

Triantis, K. A., Hortal, J., Amorim, I., Cardoso, P., Santos, A., Gabriel, R. & Borges, P. A. V., 2012, In: Journal of Biogeography.

The comparison of site spider "biodiversity quality" in Portuguese protected areas

Feest, A. & Cardoso, P., 2012, In: Ecological Indicators. 14, 1, p. 229-235 7 p.

The underrepresentation and misrepresentation of invertebrates in the IUCN Red List

Cardoso, P., Borges, P. A. V., Triantis, K. A., Ferrández, M. A. & Martin, J. L., 2012, In: Biological Conservation.

Use of arthropod rarity for area prioritisation: insights from the Azorean islands

Fattorini, S., Cardoso, P., Rigal, F. & Borges, P. A. V., 2012, In: PLoS One. 7, 3, p. e33995

Volcanic caves: priorities for conserving the Azorean endemic troglobiont species

Paulo, AV., Cardoso, P., Amorim, I. R., Pereira, F., Constância, J. P., Nunes, J. C., Barcelos, P., Costa, P., Gabriel, R. & Dapkevicus, M. L., 2012, In: International Journal of Speleology. 41, 1, p. 11 1 p.

Adapting the IUCN Red List criteria for invertebrates

Cardoso, P., Borges, P. A. V., Triantis, K. A., Ferrández, M. A. & Martin, J. L., 2011, In: Biological Conservation.

Biogeographic patterns of spiders in coastal dunes along a gradient of mediterraneity

Carvalho, J. C., Cardoso, P., Crespo, L. C., Henriques, S., Carvalho, R. & Gomes, P., 2011, In: Biodiversity and Conservation. p. 1-22 22 p.

Determinants of beta diversity of spiders in coastal dunes along a gradient of mediterraneity

Carvalho, J. C., Cardoso, P., Crespo, L. C., Henriques, S., Carvalho, R. & Gomes, P., 2011, In: Diversity and Distributions.

Global patterns of guild composition and functional diversity of spiders

Cardoso, P., Pekár, S., Jocqué, R. & Coddington, J., 2011, In: PLoS One.

Macroecological patterns of species distribution, composition and richness of the Azorean terrestrial biota

Borges, P. A., Cardoso, P., Cunha, R. T., Gabriel, R., Gonçalves, V., Hortal, J., Martins, A. M., Melo, I., Rodrigues, P. & Santos, A. M., 2011, In: *Ecologi@*. 1, p. 22-35

Selection of priority areas for arthropod conservation in the Azores archipelago

Gaspar, C., Gaston, K. J., Borges, P. A. V. & Cardoso, P., 2011, In: *Journal of Insect Conservation*. p. 1-14 14 p.

The seven impediments in invertebrate conservation and how to overcome them

Cardoso, P., Erwin, T. L., Borges, P. A. V. & New, T. R., 2011, In: *Biological Conservation*.

Update to the zodariid spider fauna of the Iberian Peninsula and Madeira (Araneae: Zodariidae)

PEKÁR, S., CARDOSO, P., BARRIGA, J. C. & CARVALHO, J. C., 2011, In: *Zootaxa*. 2814, p. 19-32 14 p.

A review of the Linyphiid spiders of Portugal, with the description of six new species (Araneae: Linyphiidae)

Bosmans, R., Cardoso, P. & Crespo, L. C., 14 May 2010, In: *Zootaxa*. 2473, p. 1-67 67 p.

Drivers of diversity in Macaronesian spiders and the role of species extinctions

Cardoso, P., Arnedo, M. A., Triantis, K. A. & Borges, P. A. V., 2010, In: *Journal of Biogeography*. 37, 6, p. 1034-1046 13 p.

Envenenamento por aranhas em Portugal: Verdade ou Mito?

Cardoso, P. & Almeida, A. P. G., 2010, In: *Acta Médica Portuguesa*. 23, p. 33-38 6 p.

Extinction debt on oceanic islands

Triantis, K. A., Borges, P. A. V., Ladle, R. J., Hortal, J., Cardoso, P., Gaspar, C., Dinis, F., Mendonca, E., Silveira, L. & Gabriel, R., 2010, In: *Ecography*. 33, 2, p. 285-294 10 p.

Iberian spider catalogue (v1. 0)

Morano, E. & Cardoso, P., 2010

Natural history of the Iberian solifuge *Gluvia dorsalis* (Solifuges: Daesiidae)

Hrusková-Martisová, M., Pekár, S. & Cardoso, P., 2010, In: *Journal of Arachnology*. 38, 3, p. 466-474 9 p.

The Azorean Biodiversity Portal: an internet database for regional biodiversity outreach

PAULO, A. V. B., GABRIEL, R., ARROZ, A. N. A. M., COSTA, ANA., REGINA, T. C., SILVA, L., MENDONÇA, E., ANTÓNIO, M. F. M., FRANCISCO, R. & CARDOSO, P., 2010, In: *Systematics and Biodiversity*. 8, 4, p. 423-434 12 p.

The Iberian spider checklist (Araneae)

Cardoso, P. & Morano, E., 2010, In: *Zootaxa*. 2495, p. 1-52 52 p.

Using taxonomically unbiased criteria to prioritize resource allocation for oceanic island species conservation

Martin, J. L., Cardoso, P., Arechavaleta, M., Borges, P. A. V., Faria, B. F., Abreu, C., Aguiar, A. F., Carvalho, J. A., Costa, A. C. & Cunha, R. T., 2010, In: *Biodiversity and Conservation*. 19, 6, p. 1659-1682 24 p.

Ad-hoc vs. standardized and optimized arthropod diversity sampling

Cardoso, P., Crespo, L. C., Carvalho, R., Rufino, A. C. & Henriques, S. S., 2009, In: *Diversity (Basel)*. 1, 1, p. 36-51 16 p.

A spatial scale assessment of habitat effects on arthropod communities of an oceanic island

Cardoso, P., Aranda, S. C., Lobo, J. M., Dinis, F., Gaspar, C. & Borges, P. A. V., 2009, In: *Acta Oecologica*. 35, 5, p. 590-597 8 p.

First record of the spider family Symphytognathidae in Europe and description of *Anapistula ataecina* sp. n.(Araneae)

Cardoso, P. & Scharff, N., 2009, In: *Zootaxa*. 2246, p. 45-57 13 p.

Portugal spider catalogue

Cardoso, P., 2009

Species richness and composition assessment of spiders in a Mediterranean scrubland

Cardoso, P., Henriques, S. S., Gaspar, C., Crespo, L. C., Carvalho, R., Schmidt, J. B., Sousa, P. & Szuts, T., 2009, In: *Journal of Insect Conservation*. 13, 1, p. 45-55 11 p.

Spiders (Arachnida: Araneae) from the Paúl de Arzila Natural Reserve (Portugal)

Crespo, L. C., Cardoso, P., Carvalho, R., Henriques, S. & Rufino, A. C., 2009, In: *Boletín de la SEA*. 44, p. 305-313 9 p.

Spiders (Arachnida: Araneae) from the Selvagens Islands (Portugal): additions to the current knowledge

Crespo, L., Cardoso, P., Silva, I. & Menezes, D., 2009, In: *Boletín de la SEA*. 45, p. 343-348 6 p.

Spiders (Araneae) from Porto Santo (Madeira, Portugal): Additions to the current knowledge

Crespo, L. C., Cardoso, P., Henriques, S. & Gaspar, C., 2009, In: *Boletín de la SEA*. 45, p. 471-475 5 p.

Standardization and optimization of arthropod inventories—the case of Iberian spiders

Cardoso, P., 2009, In: *Biodiversity and Conservation*. 18, 14, p. 3949-3962 14 p.

Testing the performance of beta diversity measures based on incidence data: the robustness to undersampling

Cardoso, P., Borges, P. A. V. & Veech, J. A., 2009, In: *Diversity and Distributions*. 15, 6, p. 1081-1090 10 p.

Two new *Tegenaria* species (Araneae: Agelenidae) from Portugal

Bolzern, A., Crespo, L. & Cardoso, P., 2009, In: *Zootaxa*. 2068, p. 47-58 12 p.

Assessing spider species richness and composition in Mediterranean cork oak forests

Cardoso, P., Gaspar, C., Pereira, L. C., Silva, I., Henriques, S. S., da Silva, R. R. & Sousa, P., 2008, In: *Acta Oecologica*. 33, 1, p. 114-127 14 p.

Biodiversity and conservation of Iberian spiders: past, present and future

Cardoso, P., 2008, In: *Boletín de la SEA*. 42, p. 487-492 6 p.

La perspectiva archipelágica: Azores

Cardoso, P., Borges, P. A. V., Costa, A. C., da Cunha, R. T., Gabriel, R., de Frias Martins, A. M., Silva, L., Homem, N., Martins, M. & Rodrigues, P., 2008, *Top 100*. p. 79-107 29 p.

New and first records of Polyxenida (Diplopoda: Penicillata) from Portugal.

Cardoso, P., Nguyen Duy-Jacquemin, M. & Rasteiro, F., 2008, In: *Boletín de la SEA*. 42, p. 360-360 1 p.

Rapid biodiversity assessment of spiders (Araneae) using semi-quantitative sampling: a case study in a Mediterranean forest

Cardoso, P., Scharff, N., Gaspar, C., Henriques, S. S., CARVALHO, RUI., Castro, P. H., SCHMIDT, J. B., Silva, I., SZÜTS, T. & De Castro, A., 2008, In: *Insect Conservation and Diversity*. 1, 2, p. 71-84 14 p.

Biotic integrity of the arthropod communities in the natural forests of Azores

Cardoso, P., Borges, P. A. V. & Gaspar, C., 2007, In: *Biodiversity and Conservation*. 16, 10, p. 2883-2901 19 p.

Seasonality of spiders (Araneae) in Mediterranean ecosystems and its implications in the optimum sampling period

Cardoso, P., Silva, I., DE OLIVEIRA, N. G. & SERRANO, A. R. M., 2007, In: *Ecological Entomology*. 32, 5, p. 516-526 11 p.

The genus *Malthonica* Simon, 1898 in the Iberian Peninsula (Araneae: Agelenidae)

Barrientos, J. A. & Cardoso, P., 2007, In: *Zootaxa*. 1460, p. 59-68 10 p.

Taxonomic Review of the Portuguese Nemesiidae (Araneae, Mygalomorphae)

Decae, A., Cardoso, P. & Selden, P., 2006, In: *Revista Ibérica de Aracnología*. 14, p. 1-18 18 p.

Ant-eating spiders (Araneae: Zodariidae) of Portugal: additions to the current knowledge

Pekár, S. & Cardoso, P., 2005, In: *Zootaxa*. 1009, p. 51-60 10 p.

Iberesia, a new genus of trapdoor spiders (Araneae, Nemesiidae) from Portugal Spain

Decae, A. & Cardoso, P., 2005, In: *Revista Ibérica de Aracnología*. 12, p. 3-11 9 p.

Higher taxa surrogates of spider (Araneae) diversity and their efficiency in conservation

Cardoso, P., Silva, I., de Oliveira, N. G. & Serrano, A. R. M., 2004, In: *Biological Conservation*. 117, 4, p. 453-459 7 p.

Indicator taxa of spider (Araneae) diversity and their efficiency in conservation

Cardoso, P., Silva, I., de Oliveira, N. G. & Serrano, A. R. M., 2004, In: *Biological Conservation*. 120, 4, p. 517-524 8 p.

The use of arachnids (Class Arachnida) in biodiversity evaluation and monitoring of natural areas

Cardoso, P., 2004, 172 p.

Additions to the knowledge of Portuguese zodariid spiders (Araneae: Zodariidae)

Pekár, S., Cardoso, P. & Meierrose, C., 2003, In: *British Arachnological Society. Bulletin*. 12, 9, p. 385-395 11 p.

Description of the supposed male *Nemesia hispanica* L. Koch in Ausserer, 1871 (Araneae: Nemesiidae)

CARDOSO, P., 2000, In: *Ekológia (Bratislava)*. 19, p. 31-36 6 p.

Portuguese spiders (Araneae): a preliminary checklist

CARDOSO, P., 2000, In: *Ekológia (Bratislava)*. 19, supl 3, p. 19-29 11 p.

Projects

Biodiversity drivers on islands and continents

Cardoso, P. M. & Macias Hernandez, N.

01/10/2016 → 30/09/2019

Disentangling mechanisms of evolutionary radiations in tropics by integrating big data with new phylogenetic approaches

Tarasov, S., Cardoso, P. M., Losacco, F., Merrien, T., Montanaro, G., Porch, N., Rossini, M., Vieira Lopes, F. R. & Viljanen, H.

Academy of Finland

01/09/2020 → 31/08/2024

Ecology and conservation of the critically endangered Frade Cave Spider (*Anapistula ataecina*)

Cardoso, P. M.
01/10/2015 → 30/06/2017

Global trade of live tarantulas

Cardoso, P. M. & Fukushima, C. S.

IUCN Red List Assessment of 15 priority tarantula species

Cardoso, P. M. & Fukushima, C. S.

Towards a sampled red list index for arachnids at a global level

Cardoso, P. M.
01/07/2015 → 31/12/2016

Trait-based prediction of extinction risk

Cardoso, P. M., Juslén, A., Chichorro de Carvalho, F. & Correia, L.
01/06/2016 → 31/05/2019

METAFOR: Unraveling metacommunity functional structure – a global synthesis

Rodrigues Leandro Roza, C. G., Soininen, J., Cardoso, P. M., Mammola, S., Chase, J. M. & Gossner, M. M.

Activities

Adam Toomes

Pedro Miguel Cardoso (Host)
21 Feb 2022 → 4 Mar 2022

Luis Crespo

Pedro Miguel Cardoso (Host)
6 Dec 2021 → 16 Dec 2021

Paulo Borges

Pedro Miguel Cardoso (Host)
22 Nov 2021 → 26 Nov 2021

Ricardo Costa

Pedro Miguel Cardoso (Host)
22 Nov 2021 → 26 Nov 2021

Luis Correia

Pedro Miguel Cardoso (Host)
8 Nov 2021 → 12 Nov 2021

Jonas Wolff

Pedro Miguel Cardoso (Host)
4 Sept 2019 → 6 Sept 2019

Klaus Birkhofer

Pedro Miguel Cardoso (Host)
4 Sept 2019 → 6 Sept 2019

Stano Pekar

Pedro Miguel Cardoso (Host)
2 Sept 2019 → 6 Sept 2019

Stefano Millano

Pedro Miguel Cardoso (Host)
25 Mar 2019 → 29 Mar 2019

Marja Milicic

Pedro Miguel Cardoso (Host)
3 Mar 2019 → 23 Mar 2019

Carla Rego

Pedro Miguel Cardoso (Host)
4 Nov 2018 → 2 Dec 2018

Mario Boieiro

Pedro Miguel Cardoso (Host)
4 Nov 2018 → 2 Dec 2018

Paulo A. V. Borges

Pedro Miguel Cardoso (Host)
24 Sept 2018 → 30 Sept 2018

Francois Rigal

Pedro Miguel Cardoso (Host)
23 Sept 2018 → 6 Oct 2018

Jagoba Malumbres-Olarte

Pedro Miguel Cardoso (Host)
23 Sept 2018 → 23 Oct 2018

Postdoctoral co-supervisor of Jagoba Malumbres-Olarte (University of the Azores, Portugal)

Pedro Miguel Cardoso (Co-supervisor)
1 Jul 2018 → 30 Sept 2019

Stefano Mammola

Pedro Miguel Cardoso (Host)
20 May 2018 → 26 May 2018

Postdoctoral supervisor of Caroline Fukushima (University of Helsinki, Finland)

Pedro Miguel Cardoso (Supervisor)
1 May 2018 → 30 Apr 2021

Jose Carlos Carvalho

Pedro Miguel Cardoso (Host)
3 Apr 2018 → 10 Apr 2018

Marja Miličić

Pedro Miguel Cardoso (Host)
19 Mar 2018 → 5 May 2018

Tarantula Trinational Trade and Enforcement Workshop

Pedro Miguel Cardoso (Chair)
27 Feb 2018 → 2 Mar 2018

PhD juri of Debora Henriques (University of the Azores, Portugal)

Pedro Miguel Cardoso (Opponent)

23 Feb 2018

Austral entomology (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2018

Canadian Journal of Zoology (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2018

Ecological Informatics (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2018

Ecology Letters (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2018

Experimental & Applied Acarology (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2018

Italian journal of zoology (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2018

Journal of Biology and Nature (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2018

Koedoe (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2018

Natura Croatica : Periodicum Musei Historiae Naturalis Croatici (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2018

Pacific Conservation Biology (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2018

Science of the Total Environment (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2018

Turkish Journal of Zoology (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2018

Biogeography, macroecology and conservation of arachnids at a global scale, what future?

Pedro Miguel Cardoso (Keynote speaker)

7 Dec 2017

PhD juri of Leonardo Carvalho (Federal University of Minas Gerais, Brazil)

Pedro Miguel Cardoso (Opponent)

1 Dec 2017

Universidade Federal de Minas Gerais

Pedro Miguel Cardoso (Visiting researcher)

29 Nov 2017 → 9 Dec 2017

Universidade de Cabo Verde

Pedro Miguel Cardoso (Visiting researcher)

23 Oct 2017 → 15 Nov 2017

Seminars Uni-CV

Pedro Miguel Cardoso (Invited speaker)

12 Oct 2017

Postdoctoral co-supervisor of Marco Girardello (University of the Azores, Portugal)

Pedro Miguel Cardoso (Co-supervisor)

1 Oct 2017 → 30 Jun 2018

IUCN

Pedro Miguel Cardoso (Visiting researcher)

7 Sept 2017 → 8 Sept 2017

PhD co-supervision of Joana Ferreira (University of Edinburgh, UK)

Pedro Miguel Cardoso (Co-supervisor)

1 Jun 2017 → 31 May 2025

Parque Natural da Madeira

Pedro Miguel Cardoso (Visiting researcher)

20 Apr 2017 → 13 May 2017

Jose Cascalho

Pedro Miguel Cardoso (Host)

30 Jan 2017 → 11 Feb 2017

Joana Ferreira

Pedro Miguel Cardoso (Host)

29 Jan 2017 → 4 Feb 2017

Sergio Henriques

Pedro Miguel Cardoso (Host)

15 Jan 2017 → 15 Feb 2017

Rui Carvalho

Pedro Miguel Cardoso (Host)

7 Jan 2017 → 19 Apr 2017

Animal Conservation. (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2017

Arachnologische Mitteilungen (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2017

Biota Neotropica (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2017

Conservation Biology (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2017

Ecological Research (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2017

Ecosphere (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2017

Environmental Conservation (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2017

Global Ecology and Biogeography (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2017

Journal of Biogeography (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2017

Nature Conservation (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2017

PhD co-supervision of Rui Carvalho (University of the Azores, Portugal)

Pedro Miguel Cardoso (Co-supervisor)

1 Jan 2017 → 31 Dec 2020

PhD thesis pre-examiner of Anna Suuronen (University of Jyväskylä, Finland)

Pedro Miguel Cardoso (Pre-examiner)

1 Jan 2017

PhD thesis pre-examiner of Mustafa Soliman (University of Cairo, Egypt)

Pedro Miguel Cardoso (Pre-examiner)

1 Jan 2017

Proceedings of the Royal Society B. Biological Sciences (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2017

Restoration Ecology (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2017

Tropical Zoology (Journal)
Pedro Miguel Cardoso (Reviewer)
1 Jan 2017

Molecular Ecology (Journal)
Pedro Miguel Cardoso (Reviewer)
2017

IUCN Redlisting – concepts and tools
Pedro Miguel Cardoso (Chair)
5 Dec 2016 → 7 Dec 2016

BAT - Biodiversity Assessment Tools
Pedro Miguel Cardoso (Chair)
1 Dec 2016

International Conference on Invertebrate Evolution and Conservation
Pedro Miguel Cardoso (Keynote speaker)
1 Dec 2016

PhD supervision of Dinarte Teixeira (University of Madeira, Portugal)
Pedro Miguel Cardoso (Supervisor)
1 Oct 2016 → 30 Sept 2020

Postdoctoral supervisor of Nuria Macias-Hernandez (University of Helsinki, Finland)
Pedro Miguel Cardoso (Supervisor)
1 Oct 2016 → 30 Sept 2019

Marja Miličić
Pedro Miguel Cardoso (Host)
12 Sept 2016 → 7 Oct 2016

PhD co-supervision of Luis Carlos Crespo (University of Barcelona, Spain)
Pedro Miguel Cardoso (Co-supervisor)
1 Aug 2016 → 31 Jul 2020

II International Conference on Island Evolution, Ecology, and Conservation
Pedro Miguel Cardoso (Speaker: Keynote)
18 Jul 2016 → 22 Jul 2016

II International Conference on Island Evolution, Ecology, and Conservation
Pedro Miguel Cardoso (Speaker: Presenter)
18 Jul 2016 → 22 Jul 2016

II International Conference on Island Evolution, Ecology, and Conservation
Pedro Miguel Cardoso (Scientific Committee Member)
18 Jul 2016 → 22 Jul 2016

20th International Congress of Arachnology
Pedro Miguel Cardoso (Speaker: Presenter)
2 Jul 2016 → 9 Jul 2016

PhD supervision of Filipe Chichorro de Carvalho (University of Helsinki, Finland)

Pedro Miguel Cardoso (Supervisor)

1 Jul 2016 → 30 Jun 2020

IUCN Redlisting – concepts and tools (course)

Pedro Miguel Cardoso (Chair)

30 Jun 2016 → 2 Jul 2016

MSc supervision (Claire Vincent, Université Blaise Pascal)

Pedro Miguel Cardoso (Supervisor)

1 Jun 2016 → 31 Aug 2016

Conservation planning for Hogna ingens (workshop)

Pedro Miguel Cardoso (Chair)

9 May 2016 → 10 May 2016

PhD co-supervision of Sérgio Henriques (University College London, UK)

Pedro Miguel Cardoso (Co-supervisor)

1 May 2016 → 30 Sept 2019

International Union for the Conservation of Nature (External organisation)

Pedro Miguel Cardoso (Expert)

1 Apr 2016 → ...

MSc supervision (Sini Seppälä, University of Helsinki)

Pedro Miguel Cardoso (Supervisor)

1 Apr 2016 → 31 Mar 2017

Paulo Borges

Pedro Miguel Cardoso (Host)

13 Mar 2016 → 20 Mar 2016

Rosalina Gabriel

Pedro Miguel Cardoso (Host)

13 Mar 2016 → 20 Mar 2016

Charismatic Invertebrates Red Listing

Pedro Miguel Cardoso (Chair)

3 Feb 2016 → 5 Feb 2016

Marija Milicic

Pedro Miguel Cardoso (Host)

10 Jan 2016 → 10 Feb 2016

African Journal of Ecology (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2016

Agriculture, Ecosystems & Environment (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2016

Arachnology (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2016

Arid Land Research and Management (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2016

Conservation Biology (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2016

Ecological Indicators (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2016

Ecological Modelling (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2016

Environmental Management (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2016

Insect Conservation and Diversity (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2016

International Journal of Ecology (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2016

International Journal of Speleology (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2016

Island Studies Journal (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2016

Journal of Insect Conservation (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2016

Methods in Ecology and Evolution (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2016

ZooKeys (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2016

ZooKeys (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2016

ZooKeys (Journal)

Pedro Miguel Cardoso (Reviewer)
1 Jan 2016

ZooKeys (Journal)

Pedro Miguel Cardoso (Reviewer)
1 Jan 2016

2nd Portuguese Meeting on Biodiversity and Conservation of Invertebrates

Pedro Miguel Cardoso (Speaker: Keynote)
12 Dec 2015 → 13 Dec 2015

Use of UAV drones in science and ecology

Pedro Miguel Cardoso (Attendee)
11 Nov 2015 → 12 Nov 2015

3rd IUCN Species Survival Commission Leaders Meeting

Pedro Miguel Cardoso (Attendee)
12 Sept 2015 → 18 Sept 2015

Heliyon (Journal)

Pedro Miguel Cardoso (Member of editorial board)
1 Sept 2015 → 1 Sept 2017

16th European Congress of Arachnology

Pedro Miguel Cardoso (Speaker: Presenter)
24 Aug 2015 → 28 Aug 2015

Course "IUCN Redlisting – concepts and tools"

Pedro Miguel Cardoso (Chair)
22 Aug 2015 → 23 Aug 2015

Unknown Person

Pedro Miguel Cardoso (Host)
4 Aug 2015 → 13 Aug 2015

University of Barcelona

Pedro Miguel Cardoso (Visiting researcher)
9 Jul 2015 → 10 Jul 2015

Uruguayan National Agency for Research and Innovation (External organisation)

Pedro Miguel Cardoso (Assessment)
29 Jun 2015

Course "IUCN Redlisting – concepts and tools"

Pedro Miguel Cardoso (Chair)
3 Jun 2015 → 5 Jun 2015

Unknown Person

Pedro Miguel Cardoso (Host)
19 May 2015 → 22 May 2015

Unknown Person

Pedro Miguel Cardoso (Host)
4 May 2015 → 9 May 2015

Course "Applied Methods in Biogeography"

Pedro Miguel Cardoso (Chair)
16 Feb 2015 → 21 Feb 2015

Journal of Arachnology (Journal)

Pedro Miguel Cardoso (Reviewer)
1 Jan 2015

Oecologia (Journal)

Pedro Miguel Cardoso (Reviewer)
1 Jan 2015

Peerage of Science (Publisher)

Pedro Miguel Cardoso (Reviewer)
1 Jan 2015

PhD supervision of Marija Miličić (University of Novi Sad, Serbia)

Pedro Miguel Cardoso (Supervisor)
1 Jan 2015 → 27 Dec 2017

PLoS One (Journal)

Pedro Miguel Cardoso (Reviewer)
1 Jan 2015

Revista Ibérica de Aracnología (Journal)

Pedro Miguel Cardoso (Reviewer)
1 Jan 2015

Society and Natural Resources (Journal)

Pedro Miguel Cardoso (Reviewer)
1 Jan 2015

Zoologia (Journal)

Pedro Miguel Cardoso (Reviewer)
1 Jan 2015

European Association of Zoos and Aquaria (External organisation)

Pedro Miguel Cardoso (Expert)
2015 → ...

Eureqa software workshop

Pedro Miguel Cardoso (Chair)
11 Dec 2014

Biology of Spiders Workshop

Pedro Miguel Cardoso (Speaker: Keynote)
9 Dec 2014 → 11 Dec 2014

Biology of Spiders Workshop

Pedro Miguel Cardoso (Speaker: Keynote)
9 Dec 2014 → 11 Dec 2014

Arachnoseminar

Pedro Miguel Cardoso (Speaker: Keynote)
14 Nov 2014

PhD thesis pre-examiner of Enric Planas (University of Barcelona, Spain)

Pedro Miguel Cardoso (Pre-examiner)
10 Sept 2014

PhD thesis pre-examiner of Vera Opatova (University of Barcelona, Spain)

Pedro Miguel Cardoso (Pre-examiner)
6 Jun 2014

Unknown Person

Pedro Miguel Cardoso (Host)
5 May 2014 → 21 May 2014

Unknown Person

Pedro Miguel Cardoso (Host)
27 Mar 2014 → 24 Apr 2014

Unknown Person

Pedro Miguel Cardoso (Host)
27 Jan 2014 → 28 Feb 2014

PhD juri of Silvia Calvo (Universidad de Alcala de Henares, Spain)

Pedro Miguel Cardoso (Opponent)
15 Jan 2014

Acta Zoologica Bulgarica (Journal)

Pedro Miguel Cardoso (Reviewer)
1 Jan 2014

Acta Zoologica Bulgarica (Journal)

Pedro Miguel Cardoso (Reviewer)
1 Jan 2014

Ecology (Journal)

Pedro Miguel Cardoso (Reviewer)
1 Jan 2014

Ecosystems (Journal)

Pedro Miguel Cardoso (Reviewer)
1 Jan 2014

Environmental Pollution (Journal)

Pedro Miguel Cardoso (Reviewer)
1 Jan 2014

Journal for Nature Conservation (Journal)

Pedro Miguel Cardoso (Reviewer)
1 Jan 2014

Journal of Arachnology (Journal)

Pedro Miguel Cardoso (Reviewer)
1 Jan 2014

Journal of Biodiversity & Endangered Species (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2014

Journal of Integrated Coastal Zone Management (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2014

Marine Ecology (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2014

Methods in Ecology and Evolution (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2014

Methods in Ecology and Evolution (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2014

PLoS One (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2014

Zoosystema (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2014

International Union for Conservation of Nature (External organisation)

Pedro Miguel Cardoso (Chair)

2014 → 2018

Peerage of Science (Publisher)

Pedro Miguel Cardoso (Reviewer)

2014

Nikolaj Scharff

Pedro Miguel Cardoso (Host)

12 Dec 2013

Arachnoseminar

Pedro Miguel Cardoso (Speaker: Keynote)

1 Nov 2013

16th Portuguese Conference on Artificial Intelligence

Pedro Miguel Cardoso (Member of organizing committee)

9 Sept 2013 → 13 Sept 2013

16th Portuguese Conference on Artificial Intelligence

Pedro Miguel Cardoso (Speaker: Presenter)

9 Sept 2013 → 13 Sept 2013

16th Portuguese Conference on Artificial Intelligence

Pedro Miguel Cardoso (Speaker: Presenter)

9 Sept 2013 → 13 Sept 2013

16th Portuguese Conference on Artificial Intelligence

Pedro Miguel Cardoso (Speaker: Presenter)

9 Sept 2013 → 13 Sept 2013

1st Portuguese Meeting on Biodiversity and Conservation of Invertebrates

Pedro Miguel Cardoso (Speaker: Keynote)

3 Jul 2013 → 5 Jul 2013

Insect Conservation and Diversity (Journal)

Pedro Miguel Cardoso (Reviewer)

18 Apr 2013

Diversity (Basel) (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Apr 2013

Journal of Arachnology (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Apr 2013

Diversity (Basel) (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Feb 2013

Journal of Arachnology (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Feb 2013

Biodiversity and Conservation (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2013

Biodiversity Data Journal (Journal)

Pedro Miguel Cardoso (Member of editorial board)

1 Jan 2013 → ...

Current zoology (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2013

Ecography (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2013

Global Ecology and Biogeography (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2013

Insect Conservation and Diversity (Journal)

Pedro Miguel Cardoso (Reviewer)

1 Jan 2013

Journal of Biogeography (Journal)
Pedro Miguel Cardoso (Reviewer)
1 Jan 2013

Journal of Biogeography (Journal)
Pedro Miguel Cardoso (Reviewer)
1 Jan 2013

Journal of Insect Conservation (Journal)
Pedro Miguel Cardoso (Reviewer)
1 Jan 2013

PLoS One (Journal)
Pedro Miguel Cardoso (Reviewer)
1 Jan 2013

PLoS One (Journal)
Pedro Miguel Cardoso (Reviewer)
1 Jan 2013

Insect Conservation and Diversity (Journal)
Pedro Miguel Cardoso (Reviewer)
2013

ZooKeys (Journal)
Pedro Miguel Cardoso (Member of editorial board)
1 Dec 2012 → ...

15th Molluscan Forum
Pedro Miguel Cardoso (Poster Presentation)
28 Nov 2012

PhD thesis pre-examiner of Laia Mestre (Universitat Autònoma de Barcelona, Spain)
Pedro Miguel Cardoso (Pre-examiner)
11 Oct 2012

Belgian Journal of Zoology (Journal)
Pedro Miguel Cardoso (Reviewer)
10 Oct 2012

Biological Conservation (Journal)
Pedro Miguel Cardoso (Reviewer)
10 Oct 2012

Ecography (Journal)
Pedro Miguel Cardoso (Reviewer)
10 Oct 2012

Journal of Insect Conservation (Journal)
Pedro Miguel Cardoso (Reviewer)
10 Oct 2012

Journal of Plant Ecology (Journal)

Pedro Miguel Cardoso (Reviewer)
10 Oct 2012

PhD co-supervision of Rui Nunes (University of the Azores, Portugal)

Pedro Miguel Cardoso (Co-supervisor)
1 Oct 2012 → 31 Mar 2018

Predicting the impacts of climate change on the distribution and conservation of endemic terrestrial snails in SPA/SAC Laurissilva da Madeira

Pedro Miguel Cardoso (Co-supervisor)
1 Oct 2012 → 27 Jan 2014

Portuguese Congress of Malacology

Pedro Miguel Cardoso (Poster Presentation)
7 Sept 2012 → 9 Sept 2012

Prion - Priority Optimization Analysis course

Pedro Miguel Cardoso (Chair)
6 Sept 2012

15th Iberian Congress of Entomology

Pedro Miguel Cardoso (Poster Presentation)
1 Sept 2012 → 6 Sept 2012

15th Iberian Congress of Entomology

Pedro Miguel Cardoso (Scientific Committee Member)
1 Sept 2012 → 6 Sept 2012

15th Iberian Congress of Entomology

Pedro Miguel Cardoso (Speaker: Keynote)
1 Sept 2012 → 6 Sept 2012

15th Iberian Congress of Entomology

Pedro Miguel Cardoso (Attendee)
1 Sept 2012 → 6 Sept 2012

15th Iberian Congress of Entomology

Pedro Miguel Cardoso (Attendee)
1 Sept 2012 → 6 Sept 2012

15th Iberian Congress of Entomology

Pedro Miguel Cardoso (Attendee)
1 Sept 2012 → 6 Sept 2012

15th Iberian Congress of Entomology

Pedro Miguel Cardoso (Poster Presentation)
1 Sept 2012 → 6 Sept 2012

15th Iberian Congress of Entomology

Pedro Miguel Cardoso (Poster Presentation)
1 Sept 2012 → 6 Sept 2012

15th Iberian Congress of Entomology

Pedro Miguel Cardoso (Attendee)

1 Sept 2012 → 6 Sept 2012

Biodiversity and conservation of spiders in the Desertas Islands

Pedro Miguel Cardoso (Co-supervisor)

1 Sept 2011 → 31 Oct 2012