



Dr. Salvador Carranza



The main goal of Salvador's research career has been to understand how biodiversity is originated, structured, maintained and distributed throughout the planet, contributing to its description and conservation. Salvador's studies have focused on animals and he has tried to explore the diversity of life at different evolutionary and biogeographic levels. Salvador is the Director of the Institute of Evolutionary Biology (IBE), holds a Senior Scientific Position at the CSIC and is Associate Professor of Zoology at UPF.

For the past 20 years, his research has focused almost exclusively on the systematics, ecology, biogeography, evolution and conservation of Arabian reptiles. As part of his work, he has led more than 20 scientific expeditions to Arabia to survey and catalogue its unique reptile fauna. His research group at IBE is specialized in the application of an integrative approach to biodiversity and conservation studies combining cutting-edge morphological, genetic and spatial tools. Salvador is a world reference in Arabian reptiles and over the years he has collaborated in numerous projects with several Universities and Governments from several Arabia countries. Salvador has published 160 articles in SCI journals, has been Principal Investigator of 18 research projects, and has directed a total of 12 Doctoral Theses and 20 Master's theses. Salvador has carried out scientific campaigns in many parts of the planet, including areas of difficult access, which have resulted in the description of 42 species of reptiles and 2 amphibians, including 25 reptiles endemic to Arabia.

Location

Barcelona, Spain

Education

University of Barcelona, Spain

- PhD in Systematics, Phylogeny and Evolution of Platyhelminthes. Dept. of Genetics (1997)

University of Barcelona, Spain

- Degree in Biological Sciences (5 years, equivalent to BA + MSc) (1992)

Language

English, Spanish, Catalan

Relevant Appointments

Institute of Evolutionary Biology (CSIC-UPF), Barcelona, Spain

- Director (May 2020 - present)
- Vice-director (September 2018 – May 2020)
- Permanent Senior Scientist, Spanish National Research Council (CSIC) (2018-present)
- Permanent Scientist, Spanish National Research Council (CSIC) (2008-2018)
- Pompeu Fabra University (UPF), Barcelona, Spain. Dept. of Experimental and Health Sciences
- Associate Professor of Zoology (2016-present)

Generalitat de Catalunya (Catalan Government), Spain

- Grants Coordinator, AGAUR Life Sciences Research Area (2014-2019)

University of Barcelona, Spain

- Ramón & Cajal Postdoctoral Researcher. Dept. of Animal Biology (2004-2008)
- Assistant Professor. Dept. of Genetics (1993-1997)

The Natural History Museum, London, UK. Dept. of Zoology (Reptiles & Amphibians) (1998-2004)

- Postdoctoral Researcher, Funded by the Natural Environment Research Council (NERC) (2002-2004)
- Marie-Sklodowska Curie Postdoctoral Research Fellow. Funded by the European Union (2000-2002)
- Postdoctoral Researcher, Funded by the Spanish Ministry of Education (1999-2000)
- Postdoctoral Researcher, Funded by the Natural Environment Research Council (NERC) (1998)

Max-Planck-Institut für Verhaltensphysiologie, Seewiesen, Germany

- Contracted Visiting Researcher (2 months 1994, 3 months 1997)

Affiliations and responsibilities related to R+D

- Societas Europaea Herpetologica (SHE) – Council Member (2019-present). Editor in Chief of the SCI International Journal Amphibia-Reptilia.
- Research Associate Dept. of Zoology, NHM, London, UK (2004-2006)
- Member of the IUCN SSC Skink Specialist Group (SSG) and the Middle East & North African Viper Specialist Group (VSG) (2017-present)
- Associate Editor of the International SCI journal Zootaxa. More than 220 papers edited (2004-present)

Related Experience in Arabia

- **Oman.** Salvador has led 16 scientific expeditions since 2004 to investigate the systematics, distribution, ecology and conservation of reptiles. During the projects, he has worked very closely with the Ministry of Environment and Climate Affairs (Now Environment Authority), providing information on the conservation status of the reptile fauna and specific training to their staff. The results of this research have been published in more than 30 international SCI journals resulting in the description of 17 new species of reptiles, 10 of them endemic to Oman. In 2018 he led a seminal work on the diversity, distribution and conservation of the terrestrial reptiles of Oman. The scientific paper and the extensive S2 Appendix (atlas) are available from <https://doi.org/10.1371/journal.pone.0190389>.
- **UAE.** Six scientific expeditions to investigate the UAE reptiles. Invited expert for the UAE National Red List of Herpetofauna: amphibians and terrestrial reptiles, sea snakes and marine turtles (2018). Member of the IUCN Red List Assessment of the Wonder Gecko at a National level and Conservation Action Plan for the Wonder Gecko (2017). Responsible for the elaboration and publication of the Atlas of terrestrial reptiles of the UAE. The scientific paper and the S1 Appendix (atlas) are available from <https://doi.org/10.1371/journal.pone.0216273>.
- **Yemen.** More than 10 years of scientific research on their biogeography, systematics, ecology and conservation of the Reptiles from the Socotra Archipelago. International collaborative work funded by EU, Italy and Spain. His studies have been published in 21 international SCI journals and have resulted in the description of one new skink species endemic to Abd-al-Kuri. A paper related to the project on the combination of molecular and landscape tools in reserve design is available from <https://doi.org/10.1371/journal.pone.0200830>.
- **Kingdom of Saudi Arabia.** Scientific research on the systematics, ecology and conservation of the Saudi reptiles. In the last 8 years, Salvador has carried out three detailed reptile surveys in collaboration with Taiff University, Saudi Wildlife Authority and the National Museum of Prague. The studies have been published in 6 international SCI journals (2 more submitted) and have resulted already in the description of 4 new species of reptiles, 3 of them endemic to Saudi Arabia. Ongoing work from the 2019 expeditions indicate the existence of high levels of undescribed diversity in some areas. An example is available from <https://doi.org/10.1016/j.sjbs.2019.05.006>.

Total number of publications: 216

Publications in SCI Journals: 160

Books: 2

Book chapters: 18

Publications in non-SCI peer-reviewed journals: 27

Publications in popular Scientific Magazines: 9

Google Scholar profile:

https://scholar.google.es/citations?hl=en&user=AOPIVxMAAAJ&view_op=list_works&sortby=pubdate

Selected Publications on Reptiles in SCI Journals

- 98.- Tejero-Cicuéndez H, Patton AH, Caetano DS, Šmíd J, Harmon L and Carranza S. (2020) Reconstructing Squamate Biogeography in Afro-Arabia Reveals the Influence of a Complex and Dynamic Geologic Past. *Systematic Biology* syab025. <https://doi.org/10.1093/sysbio/syab025>.
- 97.- Šmíd J, Sindaco R, Shobrak M, Busais S, Tamar K, Aghová T, Simó-Riudalbas M, Tarroso P, Geniez Ph, Crochet PA, Els J, Burriel-Carranza B, Tejero-Cicuéndez H and Carranza S. (2021) Diversity patterns and evolutionary history of Arabian Squamates. *Journal of Biogeography* 48: 1183-1199. <https://doi.org/10.1111/jbi.14070>.
- 96.- Machado L, Salvi D, Harris DJ, Brito JC, Crochet PA, Geniez Ph, Ahmadzadeh F and Carranza S. (2021) Systematics, biogeography and evolution of the Saharo-Arabian naked-toed geckos genus *Tropicolotes*. *Molecular phylogenetics and Evolution* 155: 106969 <https://doi.org/10.1016/j.ympev.2020.106969>
- 95.- Šmíd J, Uvizl M, Shobrak M, AlGethami RHM, AlGethami AR, Alanazi ASK, Alsubaie SD, Busais S and Carranza S. (2021) Swimming through the sands of the Sahara and Arabian deserts: Phylogeny of sandfish skinks (Scincidae, *Scincus*) reveals a recent and rapid diversification. *Molecular Phylogenetics and Evolution* 155: 107012. <https://doi.org/10.1016/j.ympev.2020.107012>
- 94.- Tamar K, Els J, Kornilios P, Soorae P, Tarroso P, Thanou E, Pereira J, Shah JN, Elhassan EEM, Aguhob JC, Badaam SF, Eltayeb MM, Pusey R, Papenfuss TJ, Macey JR and Carranza S. (2020) The demise of a wonder: Evolutionary history and conservation assessments of the Wonder Gecko *Teratoscincus keyserlingii* (Gekkota, Sphaerodactylidae) in Arabia. *PLOS ONE* 16: e0244150. <https://doi.org/10.1371/journal.pone.0244150>.
- 93.- Pola L, Hejduk V, Zika A, Winkelhöfer T, Šmíd J, Carranza S, Shobrak M, Abu Baker M and Amr ZS. (2021) Small and overlooked: Phylogeny of the genus *Trigonodactylus* (Squamata: Gekkonidae), with the first record of *Trigonodactylus arabicus* from Jordan. *Saudi Journal of Biological Sciences* 28: 3511-3516. <https://doi.org/10.1016/j.sjbs.2021.03.019>
- 92.- Fasola M, Razzetti E, Sindaco R, Ziliani U, Monache DD, Pellitteri-Rosa D, Vasconcelos R and Carranza S. (2020) Ecological preferences of the endemic reptile community of Socotra. *Rendiconti Lincei. Scienze Fisiche e Naturali* 31: 687-701. <https://doi.org/10.1007/s12210-020-00922-w>.
- 91.- Slavenko A, Tamar K, Tallowin OJS, Allison A, Kraus F, Carranza S and Meiri S. (2020) Cryptic diversity and non-adaptive radiation of montane New Guinea skinks (Papuascincus; Scincidae). *Molecular Phylogenetics and Evolution* 146: 106749. <https://doi.org/10.1016/j.ympev.2020.106749>.
- 90.- Vasconcelos R, Pujol-Buxó E, Llorente GA, Saeed A and Carranza S. (2020) Micro-Hotspots for Conservation: An Umbrella Tree Species for the Unique Socotran Reptile Fauna. *Forests* 11: 353. <https://doi.org/10.3390/f11030353>.
- 89.- Šmíd J, Mazuch T, Nováková L, Modrý D, Malonza PK, Elmi HShA, Carranza S and Moravec J. (2020) Phylogeny and Systematic Revision of the Gecko Genus *Hemidactylus* from the Horn of Africa (Squamata: Gekkonidae). *Herpetological Monographs* 33: 26-47. <https://doi.org/10.1655/HERPMONOGRAPH-D-19-00010>.
- 88.- Garcia-Porta J, Irisarri I, Kirchner M, Rodríguez A, Kirchhof S, Brown JL, MacLeod A, Turner AP, Ahmadzadeh F, Albaladejo G, Crnobrnja-Isailovic J, De la Riva I, Fawzi A, Galán P, Göçmen B, Harris DJ, Jiménez-Robles O, Joger U, Glavaš OJ, Karış M, Koziel G, Künzel S, Lyra M, Miles D, Nogales M, Oğuz MA, Pafilis P, Rancilhac L, Rodríguez N, Concepción BR, Sanchez E, Salvi D, Slimani T, S'khifa A, Qashqaei AT, Žagar A, Lemmon A, Lemmon EM, Carretero MA, Carranza S, Philippe B, Sinervo B, Müller J, Vences M, Valero KCW. (2019) Environmental temperatures shape thermal physiology as well as diversification and genome-wide substitution rates in lizards. *Nature Communications* 10: 4077 (2019) <http://doi:10.1038/s41467-019-1111-11>.
- 87.- Simó-Riudalbas M, Tamar K, Šmíd J, Mitsi P, Sindaco R, Chirio L, Carranza S. (2019) Biogeography of *Mesalina* (Reptilia: Lacertidae), with special emphasis on the *Mesalina adramitana* group from Arabia and the Socotra Archipelago. *Molecular Phylogenetics and Evolution* 137: 300–312. <https://doi.org/10.1016/j.ympev.2019.04.023>
- 86.- Tamar K, Simó-Riudalbas M, Garcia-Porta J, Santos X, Llorente G, Vasconcelos R, Carranza S. (2019) An integrative study of island diversification: Insights from the endemic *Haemodracon* geckos of the Socotra Archipelago. *Molecular Phylogenetics and Evolution* 133: 166–175. <https://doi.org/10.1016/j.ympev.2019.01.009>
- 85.- Burriel-Carranza B, Tarroso P, Els J, Gardner A, Soorae P, Mohammed AA, Krishna SR, Eltayeb MM, Shan JN, Tejero-Cicuéndez H, Simó-Riudalbas M, Pleguezuelos JM, Fernández-Guiberteau D, Šmíd J, Carranza S. (2019) An integrative assessment of the diversity, phylogeny, distribution, and conservation of the terrestrial reptiles (Sauropsida, Squamata) of the United Arab Emirates. *PLOS ONE* 14: e0216273.
- 84.- Machado L, Šmíd J, Mazuch T, Sindaco R, Al Shukaili AS, Carranza S. (2019) Systematics of the Saharo-Arabian clade of the Palearctic naked-toed geckos with the description of a new species of *Tropicolotes* endemic to Oman. *Journal of Zoological Systematics and Evolutionary Research* 57: 159–178. <https://doi.org/10.1111/jzs.12226>
- 83.- Tamar K, Mitsi P, Carranza S. (2019) Cryptic diversity revealed in the leaf-toed gecko *Asaccus montanus* (Phyllodactylidae) from the Hajar Mountains of Arabia. *Journal of Zoological Systematics and Evolutionary Research* 57: 369–382. <https://doi.org/10.1111/jzs.12258>
- 82.- Tamar K, Chirio L, Shobrak M, Busais S, Carranza S. Using multilocus approach to uncover cryptic diversity within *Pseudotrapelus* lizards from Saudi Arabia. (2019) *Saudi Journal of Biological Sciences* 26:1442–1449. <https://doi.org/10.1016/j.sjbs.2019.05.006>
- 81.- Tamar K, Mitsi P, Simó-Riudalbas M, Tejero-Cicuéndez H, Al-Sariri T, Carranza S. (2019) Systematics, biogeography, and evolution of *Pristurus minimus* (Squamata, Sphaerodactylidae) with the discovery of the smallest Arabian vertebrate. *Systematics and Biodiversity* 17:349–366. <https://doi.org/10.1080/14772000.2019.1614694>.
- 80.- Carranza S, Xipell M, Tarroso P, Gardner A, Arnold EN, Robinson MD, Simó-Riudalbas M, Vasconcelos R, de Pous P, Amat F, Šmíd J, Sindaco R, Metallinou M, Els J, Pleguezuelos JM, Machado L, Donaire D, Martínez G, Garcia-Porta J, Mazuch T, Wilms T, Gebhart J, Aznar J, Gallego J, Zwanzig B-M, Fernández-Guiberteau D, Papenfuss T, Al Saadi S, Alghafri A, Khalifa S, Al Farqani H, Bilal S B, Alzari IS, Al Adhoobi AS, Al Omairi ZS, Al Shariani M, Al Kiyumi A, Al Sariri T, Al Shukaili AS, Al Akhazmi SN (2018). Diversity, distribution and conservation of the terrestrial reptiles of Oman (Sauropsida, Squamata). *PLOS ONE* 13: e0190389
- 79.- Prathapan KD, Pethiyagoda R, Bawa KS, Rajan PD + 172 co-signatories from 35 different countries (including Carranza S). When the cure kills—CBD limits biodiversity research. *Science* 360: 1405-1406. <https://doi.org/10.1126/science.aat9844>
- 78.- Tamar K, Metallinou M, Wilms T, Schmitz A, Crochet PA, Geniez P, Carranza S. (2018) Evolutionary history of spiny-tailed lizards (Agamidae: *Uromastix*) from the Saharo-Arabian region. *Zoologica Scripta* 47: 159–173. <https://doi.org/10.1111/zsc.12266>
- 77.- Simó-Riudalbas M, Tarroso, P, Papenfuss T, Al-Sariri T, Carranza S. (2018) Systematics, biogeography and evolution of *Asaccus gallagheri* (Squamata, Phyllodactylidae) with the description of a new endemic species from Oman. *Systematics and Biodiversity* 16:323–339. <https://doi.org/10.1080/14772000.2017.1403496>.
- 76.- Vasconcelos R, Razgour O, Tarroso P, Fasola M, Carranza S, Alves PC. (2018). Combining molecular and landscape tools for targeting evolutionary processes in reserve design: an approach for islands. *PLOS ONE* 13(7): e0200830. <https://doi.org/10.1371/journal.pone.0200830>
- 75.- Sindaco R, Simó-Riudalbas S, Sacchi R, Carranza S. (2018) Systematics of the *Mesalina guttulata* species complex (Squamata: Lacertidae) from Arabia with the description of two new species. *Zootaxa* 4429: 513–547.
- 74.- Gonçalves DV, Pereira P, Velo-Antón G, Harris J, Carranza S, Brito JC. (2018) Assessing the role of aridity-induced vicariance and ecological divergence in species diversification in North-West Africa using Agamid lizards. *Biological Journal of the Linnean Society* 124: 363–380.
- 73.- Mendes J, Salvi D, Harris DJ, Els J, Carranza S. (2018) Hidden in the Arabian Mountains: Multilocus phylogeny reveals cryptic diversity in the endemic *Omanosaura* lizards. *Journal of Zoological Systematics and Evolutionary Research* 56: 395–407. <https://doi.org/10.1111/jzs.12210>
- 72.- Gonçalves DV, Martínez-Freiria F, Crochet PA, Geniez P, Carranza S, Brito JC. (2018) The role of climatic cycles and trans-Saharan migration

- corridors in species diversification: biogeography of *Psammophis schokari* group in North Africa). *Molecular Phylogenetics and Evolution* 118: 64–74.
- 71.- Salvi D, Perera A, Sampaio FL, **Carranza S**, Harris DJ. (2018). Underground cryptic speciation within the Maghreb: Multilocus phylogeography sheds light on the diversification of the checkboard worm lizard *Trogonophis weigmanni*. *Molecular Phylogenetics and Evolution* 120: 118–128. <https://doi.org/10.1016/j.ympev.2017.11.013>
 - 70.- Tarroso P, Simó-Riudalbas S, **Carranza S**. (2017) The complete mitochondrial genome of *Pristurus rupestris rupestris*. *Mitochondrial DNA Part B* 2: 802–803.
 - 69.- Simó-Riudalbas M, Metallinou M, de Pous P, Els J, Jayasinghe S, Péntek-Zakar E, Wilms T, Al-Saadi S, **Carranza S**. (2017) Cryptic diversity in *Ptyodactylus* (Reptilia: Gekkonidae) from the northern Hajar Mountains of Oman and the United Arab Emirates uncovered by an integrative taxonomic approach). *PLOS ONE* 12: e0180397
 - 68.- Carvalho SB, Velo-Antón G, Tarroso P, Paula Portela A, Barata M, **Carranza S**, Moritz C, Possingham HP. (2017) Spatial conservation prioritization of biodiversity spanning the evolutionary continuum. *Nature Ecology and Evolution* 1: 0151.
 - 67.- Garcia-Porta J, Simó-Riudalbas M, Robinson M, **Carranza S**. (2017) Diversification in arid mountains: biogeography and cryptic diversity of *Pristurus rupestris rupestris* in Arabia. *Journal of Biogeography* 44, 1694–1704. doi: 10.1111/jbi.12929.
 - 66.- Martín N, Martínez S, Pujol-Buxó E, Llorente G, Sanpera C, Vasconcelos R, **Carranza S**, Santos X. (2017) Stable isotopes and diet uncover trophic-niche divergence and ecological diversification processes of endemic reptiles on Socotra Island. *Zoologischer Anzeiger* 267: 69–81. doi.org/10.1016/j.jcz.2017.01.005.
 - 65.- Smid J, Shobrak M, Wilms T, Joger U, **Carranza S**. (2017) Endemic diversification in the mountains: genetic, morphological, and geographical differentiation of the *Hemidactylus* geckos in southwestern Arabia. *Organisms Diversity and Evolution* 17: 267–285. doi:10.1007/s13127-016-0293-3
 - 64.- **Carranza S**, Simó-Riudalbas M, Jayasinghe S, Wilms T, Els J. (2016) Microendemicity in the northern Hajar Mountains of Oman and the United Arab Emirates with the description of two new species of geckos of the genus *Asaccus* (Squamata: Phyllodactylidae). *PeerJ* 4: e2371.
 - 63.- Garcia-Porta J, Šmid J, Sol D, Fasola M, **Carranza S**. (2016) Testing the island effect on phenotypic diversification: insights from the *Hemidactylus* geckos of the Socotra Archipelago *Scientific Reports* 6: 23729.
 - 62.- Garcia-Porta J, Morales HE, Gómez-Díaz E, Sindaco R, **Carranza S**. (2016) Patterns of diversification in islands: A comparative study across three gecko genera in the Socotra Archipelago *Molecular Phylogenetics and Evolution* 98: 288–299.
 - 61.- Tamar K, **Carranza S**, Sindaco R, Moravec J, Trape JF, Meiri S. (2016) Out of Africa: phylogeny and biogeography of the widespread genus *Acanthodactylus* (Reptilia: Lacertidae). *Molecular Phylogenetics and Evolution* 103: 6–18.
 - 60.- Tamar K, Smid J, Göçmen B, Meiri S, **Carranza S** (2016). An integrative systematic revision and biogeography of *Rhynchocalamus* snakes (Reptilia, Colubridae) with a description of a new species from Israel. *PeerJ* 4: e2769.
 - 59.- Vasconcelos R, Montero-Mendieta S, Simó-Riudalbas M, Sindaco R, Santos X, Fasola M, Llorente G, Razzetti E, **Carranza S**. (2016) Unexpectedly high levels of cryptic diversity uncovered by a complete DNA barcoding of reptiles of the Socotra Archipelago *PLOS ONE* 11(3): e0149985.
 - 58.- Tamar K, Scholz S, Crochet PA, Geniez P, Meiri S, Schmitz A, Wilms T, **Carranza S**. (2016) Evolution around the Red Sea: Systematics and biogeography of the agamid genus *Pseudotrapelus* (Squamata: Agamidae) from North Africa and Arabia *Molecular Phylogenetics and Evolution* 97: 55–68.
 - 57.- Mendes J, Harris DJ, **Carranza S**, Salvi D. (2016) Evaluating the phylogenetic signal limit from mitogenomes, slow evolving nuclear genes, and the concatenation approach. New insights into the Lacertini radiation using fast evolving nuclear genes and species trees *Molecular Phylogenetics and Evolution* 100: 254–267.
 - 56.- de Pous Ph, Simó-Riudalbas M, Els J, Jayasinghe S, Amat F, **Carranza S**. (2016) Phylogeny and biogeography of Arabian populations of the Persian Horned Viper *Pseudocerastes persicus* (Duméril, Bibron & Duméril, 1854). *Zoology in the Middle East* 62: 231–238.
 - 55.- de Pous Ph, Machado L, Metallinou M, Cervenka J, Kratochvil L, Paschou N, Mazuch T, Smid J, Simó-Riudalbas M, Sanuy D, **Carranza S**. (2016) Taxonomy and Biogeography of *Bunopus spatulurus* (Reptilia: Gekkonidae) from the Arabian Peninsula. *Journal of Zoological Systematics and Evolutionary Research* 54: 67–81.
 - 54.- Rato C, Harris J, **Carranza S**, Machado L, Perera A. (2016). The taxonomy of the *Tarentola mauritanica* species complex (Gekkota: Phyllodactylidae): Bayesian species delimitation supports six candidate species. *Molecular Phylogenetics and Evolution* 94: 271–278.
 - 53.- Maia JP, Harris DJ, **Carranza S**, Gómez-Díaz E. (2016) Assessing the diversity, host-specificity and infection patterns of apicomplexan parasites in reptiles from Oman, Arabia. *Parasitology* 143: 1730–1747.
 - 52.- Smid J, Martinez G, Gebhart J, Aznar J, Gallego J, Göçmen B, de Pous P, Tamar K, **Carranza S**. (2015) Phylogeny of the genus *Rhynchocalamus* (Reptilia; Colubridae) with a first record from the Sultanate of Oman *Zootaxa* 4033: 380–392.
 - 51.- Tamar K, **Carranza S**, in den Bosch H, Sindaco R, Moravec J, Meiri S. (2015) Hidden relationships and genetic diversity: Molecular phylogeny and phylogeography of the Levantine lizards of the genus *Phoenicolacerta* (Squamata: Lacertidae). *Molecular Phylogenetics and Evolution* 91: 86–97.
 - 50.- Metallinou M, Cervenka J, Crochet PA, Kratochvil L, Wilms T, Geniez P, Shobrak MY, Brito JC, and Carranza S. (2015) Species on the rocks: Systematics and biogeography of the rock-dwelling *Ptyodactylus* geckos (Squamata: Phyllodactylidae) in North Africa and Arabia *Molecular Phylogenetics and Evolution* 85: 208–220
 - 49.- Smid J, Moravec J, Kratochvil L, Nasher AK, Mazuch T, Gvozdik V, and **Carranza S**. (2015) Multilocus phylogeny and taxonomic revision of the *Hemidactylus robustus* species group (Reptilia, Gekkonidae) with descriptions of three new species from Yemen and Ethiopia *Systematics and Biodiversity* 13: 346–368.
 - 48.- Bellati A, **Carranza S**, Garcia-Porta J, Fasola M, and Sindaco R. (2015) Cryptic diversity within the *Anatololacerta* species complex (Squamata: Lacertidae) in the Anatolian Peninsula: evidence from a multi-locus approach. *Molecular Phylogenetics and Evolution* 82: 219–233
 - 47.- Tamar K, **Carranza S**, Sindaco R, Moravec J, and Meiri S. (2014) Systematics and phylogeography of *Acanthodactylus shreiberi* and its relationships with *Acanthodactylus boskianus* (Reptilia: Squamata: Lacertidae). *Zoological Journal of the Linnean Society* 172: 720–739.
 - 46.- Vasconcelos R, and **Carranza S**. (2014) Systematics and biogeography of *Hemidactylus homoeolepis* Blanford, 1881 (Squamata: Gekkonidae), with the description of a new species from Arabia. *Zootaxa* 3835: 501–527.
 - 45.- Badiane A, Garcia-Porta J, Cervenka J, Kratochvil L, Sindaco R, Robinson MD, Morales H, Mazuch T, Price T, Amat F, Shobrak MY, Wilms T, Simó-Riudalbas M, Ahmadzadeh F, Papenfuss TJ, Cluchier A, Viglione J, and **Carranza S**. (2014) Phylogenetic relationships of Semaphore geckos (Squamata: Sphaerodactylidae: *Pristurus*) with an assessment of the taxonomy of *Pristurus rupestris*. *Zootaxa* 3835: 33–58.
 - 44.- Brito JC, Godinho R, Martínez-Freireria F, Pleguezuelos JM, Rebelo H, Santos X, Vale CG, Velo-Antón G, Boratynski Z, Carvalho SB, Ferreira S, Gonçalves DV, Silva TL, Tarroso P, Campos JC, Leite JV, Nogueira J, Álvares F, Sillero N, Sow AS, Fahd S, Crochet PA, and **Carranza S**. (2014) Unravelling biodiversity, evolution and threats to conservation in the Sahara-Sahel. *Biological Reviews* 89: 215–231.
 - 43.- Metallinou M, Carranza S. (2013) New species of *Stenodactylus* (Squamata: Gekkonidae) from the Sharqiyah Sands in northeastern Oman. *Zootaxa* 3745: 449–468.
 - 42.- Smid J, Moravec J, Kratochvil L, Gvozdik V, Nasher AK, Busais SM, Wilms T, Shobrak MY, Carranza S. (2013) Two newly recognized species of *Hemidactylus* (Squamata, Gekkonidae) from the Arabian Peninsula and Sinai, Egypt. *ZooKeys* 355: 79–107.
 - 41.- Vasconcelos R, Brito J, **Carranza S** and Harris DJ. (2013) Review of the distribution and conservation status of the terrestrial reptiles of the Cape Verde Islands. *Oryx* 47: 77–87.
 - 40.- Smid J, **Carranza S**, Kratochvil L, Gvozdik V, Karim Nasher A, Moravec J. (2013) Out of Arabia: A complex biogeographic history of multiple vicariance and dispersal events in the gecko genus *Hemidactylus* (Reptilia: Gekkonidae). *PLOS ONE* 8(5): e64018.
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