Resource Summary Report

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HerpNET

RRID:SCR_008374
Type: Tool

Proper Citation

HerpNET (RRID:SCR_008374)

Resource Information

URL: http://herpnet.org/

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Description: HerpNET is a collaborative effort by natural history museums to establish a global network of herpetological collections data. Sixty-four institutions are participating in the HerpNET community, with an open ended invitation to institutions who would like to join. Currently 56 institutions are available on the specimen searching portal, with data from over 5.5 million specimens available for searching. VertNet: The Future HerpNET, ORNIS, MaNIS and FishNet2 are taxon-based web portals that now serve georeferenced data on vertebrates from over 90 global institutions. Together these comprise VertNET, a cooperative project working to maintain and expand these distributed database projects. Future plans include biodiversity informatics workshops, enhancement of the portal design, better searching capabilities, and a dynamic cache to expand performance and analytic features. Sponsors: This resource is supported by the National Science Foundation (NSF No. 0132303) and by a GBIF DIGIT .

Synonyms: HerpNET

Resource Type: community building portal, data or information resource, database, portal

Keywords: frog, curation, herpatology, lizard, museum

Resource Name: HerpNET

Resource ID: SCR_008374

Alternate IDs: nif-0000-25777

Record Creation Time: 20220129T080247+0000

Record Last Update: 20260912T195703+0000

Ratings and Alerts

No rating or validation information has been found for HerpNET.

No alerts have been found for HerpNET.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 20 mentions in open access literature.

Listed below are recent publications. The full list is available at Kravitz .

Martínez-Méndez N, et al. (2019) Climatic niche evolution in the viviparous Sceloporus torquatus group (Squamata: Phrynosomatidae). PeerJ, 6, e6192.

Oliveira U, et al. (2019) Modelling Highly Biodiverse Areas in Brazil. Scientific reports, 9(1), 6355.

Jarnevich CS, et al. (2018) Modeling the distributions of tegu lizards in native and potential invasive ranges. Scientific reports, 8(1), 10193.

Archis JN, et al. (2018) Is the future already here? The impact of climate change on the distribution of the eastern coral snake (Micrurus fulvius). PeerJ, 6, e4647.

Oliveira U, et al. (2017) Biodiversity conservation gaps in the Brazilian protected areas. Scientific reports, 7(1), 9141.

Gherghel I, et al. (2016) A revision of the distribution of sea kraits (Reptilia, Laticauda) with an updated occurrence dataset for ecological and conservation research. ZooKeys(569), 135.

Kissling WD, et al. (2016) Historical colonization and dispersal limitation supplement climate and topography in shaping species richness of African lizards (Reptilia: Agaminae). Scientific reports, 6, 34014.

Treglia ML, et al. (2015) Integrating Multiple Distribution Models to Guide Conservation Efforts of an Endangered Toad. PloS one, 10(6), e0131628.

Wood JS, et al. (2015) Extending marine species distribution maps using non-traditional sources. Biodiversity data journal(3), e4900.

Meza-Parral Y, et al. (2015) Amphibian diversity and threatened species in a severely transformed neotropical region in Mexico. PloS one, 10(3), e0121652.

Zhang Y, et al. (2014) Insights from ecological niche modeling on the taxonomic distinction and niche differentiation between the black-spotted and red-spotted tokay geckoes (Gekko gecko). Ecology and evolution, 4(17), 3383.

Yañez-Arenas C, et al. (2014) The use of ecological niche modeling to infer potential risk areas of snakebite in the Mexican state of Veracruz. PloS one, 9(6), e100957.

Robertson T, et al. (2014) The GBIF integrated publishing toolkit: facilitating the efficient publishing of biodiversity data on the internet. PloS one, 9(8), e102623.

Zeng C, et al. (2014) Evolution of rapid development in spadefoot toads is unrelated to arid environments. PloS one, 9(5), e96637.

Ahmadzadeh F, et al. (2013) Cryptic speciation patterns in Iranian rock lizards uncovered by integrative taxonomy. PloS one, 8(12), e80563.

Encarnación-Luévano A, et al. (2013) Activity response to climate seasonality in species with fossorial habits: a niche modeling approach using the lowland burrowing treefrog (Smilisca fodiens). PloS one, 8(11), e78290.

Nori J, et al. (2011) Climate change and American Bullfrog invasion: what could we expect in South America? PloS one, 6(10), e25718.

Rivera PC, et al. (2011) Species delimitation in the continental forms of the genus Epicrates (Serpentes, Boidae) integrating phylogenetics and environmental niche models. PloS one, 6(9), e22199.

Milanovich JR, et al. (2010) Projected loss of a salamander diversity hotspot as a consequence of projected global climate change. PloS one, 5(8), e12189.

Rödder D, et al. (2009) Alien invasive slider turtle in unpredicted habitat: a matter of niche shift or of predictors studied? PloS one, 4(11), e7843.