

Checklists of Reptiles and Amphibians of Namibia

Compiled by: Francois S. Becker, 2021

These checklists are data used in the publications:

“Diversity of Amphibians; Diversity of Reptiles; Amphibian Endemism; Reptile Endemism”, as sub-chapters under Chapter 7 (Wildlife) In:

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Disclaimer

These checklists are not peer-reviewed publications, but simply datasets compiled by Mr. Becker in 2021 for the Atlas Chapters, using the methods described below, to the best of his knowledge. Updates and changes have likely occurred since then, but these checklists provide a relatively up-to-date summary for Namibian reptiles and amphibians since older publications such as Griffin (2003) or Herrmann and Branch (2013). It is up to the users of this data to confirm the most recent or accurate data themselves, from scholarly publications, and from web-based platforms such as the Namibia Biodiversity Database (biodiversity.org.na), the IUCN Red List of Threatened Species (iucnredlist.org), the Amphibian Species of the World (amphibiansoftheworld.amnh.org), and The Reptile Database (reptile-database.org).

Methods summary

Reptile and amphibian species lists for Namibia were compiled based on several recent publications and websites cited below. These included species that were peripheral or likely to occur in Namibia. Species with distributions >75% within Namibia were considered endemic (nationally). Species with a range of <10,000 km² were considered localised endemics. Maps of amphibian diversity and endemism were compiled using distribution polygons from the IUCN Red List (2020) based on the compiled species lists, to which some peripheral distributions from Channing & Rödel (2019) were added. Distributions of the pygmy toads are still problematic due to taxonomic uncertainties. These distributions were manually adapted from the IUCN (2020) distributions to the author's best knowledge, based on unpublished call recordings and genetic sequences. Maps of reptile diversity and endemism were compiled from IUCN (2020) polygons and a dataset from Meiri *et al.* (2017), based on the species lists. A few distributions were added from species-specific publications, listed below. Distribution polygons were overlain using package raster (Hijmans 2020), program R.

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