

Bufo dodsoni

Taxonomic Authority: Boulenger, 1895

Synonyms:

Region: 10

Common Names:

Order: Anura

Family: Bufonidae

Notes on taxonomy:

General Information

Biome

Terrestrial

Freshwater

Marine

Geographic Range of species:

This species ranges from northern and central Somalia, through eastern Ethiopia, Djibouti and Eritrea, northwards through Sudan to extreme southeastern Egypt (vicinity of Gebel Elba only). It occurs from sea level up to 1,800m asl.

Habitat and Ecology Information:

It is a species of extremely arid localities, and is often found far from the nearest permanent water. It breeds in temporary pools in desert and semi-desert savannah, gheltas (permanent pools at the foot of cliffs or in the mouth of caves) and in water in caves. It can be found deep in burrows during droughts, it emerges from these to breed after rains.

Conservation Measures:

It occurs in the Awash National Park in Ethiopia, in the Elba protected area in Egypt, but it is not in any protected areas in Somalia.

Threats:

The most likely threat is the increase in human expansion and settlement, with the resulting increase in populations of domestic livestock impacting breeding pools.

Species population information:

It is apparently very common and widespread in Somalia, and has been reported as numerous near Port Sudan, but is somewhat rarer and more localised in Ethiopia and Eritrea. It is highly localised and rare in Egypt.

Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
Djibouti	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Egypt	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Eritrea	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ethiopia	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Somalia	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sudan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

FAO Marine Habitats

Native -
Presence
Confirmed

Native -
Presence
Possible

Extinct

Reintroduced

Introduced

Major Lakes

Major Rivers

Upper Level Habitat Preferences

Score

Lower Level Habitat Preferences

Score

2.1	Savanna - Dry	1	Dry Woody Scrub	1
3.5	Shrubland - Subtropical/Tropical Dry	1	Hot and Mild Grasses and Shrubs	1
5.7	Wetlands (inland) - Permanent Freshwater Marshes/Pools (under 8ha)	1	Mediterranean Scrub	1
5.8	Wetlands (inland) - Seasonal/Intermittent Freshwater Marshes/Pools (under 8ha)	1	Savanna (Woods)	1
5.18	Wetlands (inland) - Karst and Other Subterranean Hydrological Systems (inland)	1	Semi Desert	1
7.1	Caves and Subterranean Habitats (non-aquatic) - Caves	1	Semi Desert Shrubs	1
8.1	Desert - Hot	1	Shrub Evergreen	1
8.4	Desert - Semi-Desert (no trees present)	1	Succulent and Thorn Scrub	1
			Woody Savanna	1

Major threats

Conservation Measures

Code	Description of threat	Past	Present	Future	Code	Conservation measures	In place	Needed
1	Habitat Loss/Degradation (human induced)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	Research actions	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.1	Agriculture	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.2	Population numbers and range	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.1.4	Livestock	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.3	Biology and Ecology	<input type="checkbox"/>	<input checked="" type="checkbox"/>

1.1.4.1	Nomadic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.4	Habitat status	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.4	Infrastructure development	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.5	Threats	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.4.2	Human settlement	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.9	Trends/Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7	Natural disasters	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4	Habitat and site-based actions	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7.1	Drought	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4.4	Protected areas	<input checked="" type="checkbox"/>	<input type="checkbox"/>
					4.4.2	Establishment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
					4.4.3	Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Utilisation of Species

Purpose/Type of Use	Subsistence	National	International	Other purpose:		
Primary forms removed from the wild	100%	>75%	51-75%	26-50%	<25%	Other forms removed from the wild:
Source of specimens in commercial trade	100%	>75%	51-75%	26-50%	<25%	Other source of specimens:

Trend in wild offtake/harvest in relation to total wild population numbers over last five years:

Trend in offtake/harvest produced through domestication/cultivation over last five years:

CITES: Not listed

Red Listing

Red List Assessment: Least Concern (LC) Possibly Extinct

Red List Criteria:

Rationale for the Red List Assessment: Listed as Least Concern in view of its wide distribution, tolerance of a broad range of habitats, presumed large population, and because it is unlikely to be declining fast enough to qualify for listing in a more threatened category.

Current Population Trend: Unknown **Date of Assessment:** 12/17/2004

Assessor(s): Emilio Balletto, Benedetto Lanza, Malcolm Largen, Sherif Baha El Din

Notes on Red listing:

Bibliography

Lanza, B., 1981, A Checklist of the Somali amphibians, *Monitore Zoologico Italiano N.S. Supplemento*, , , 10, 151-186, ,

Largen, M.J., 2001, Catalogue of the amphibians of Ethiopia, including a key for their identification, *Tropical Zoology*, , , 14, 307-402, ,

Largen, M.J., Tandy, M. and Tandy, J., 1978, A new species of toad from the rift valley of Ethiopia, with observations on other species of Bufo (Anura Amphibia Bufonidae) from this country, *Monitore Zoologico Italiano N.S. Supplemento*, , , 10, 1-41, ,

Flower, S.S., 1933, Notes on the recent reptiles and amphibians of Egypt, with a list of species recorded from that Kingdom, *Proceedings of the Zoological Society of London*, , , 1933, 735-851, ,

Tandy, M. and Keith, R., 1972, African Bufo, , Evolution in the genus Bufo, Blair, W.F., , 119-170, University of Texas Press, Austin

Lanza, B., 1990, Amphibians and reptiles of the Somali Democratic Republic: checklist and biogeography, *Biogeographica*, , , 14, 407-465, ,

Largen, M.J., 1997, An annotated checklist of the amphibians and reptiles of Eritrea, with keys for their identification, *Tropical Zoology*, , , 10, 63-115, ,