Bufo regularis Taxonomic Authority: Synonyms:	Reuss, 1833		Region: 10  Common Names					
Synonyms.			African Common		English			
Order: Anura			Family: Bufo	onidae				
Notes on taxonomy:	Bufo chudeaui Chabanaud, dubium) from Mali could bel				tamorphic materi	ial (rendering it a nomen		
General Informatio	<u>n</u>					_		
Biome	✓ Terrestr	rial 🗸 F	reshwater	Marin	ne			
Geographic Range of sp	pecies:		Habitat and Ecol	logy Informati	ion:			
This very widely distributed African species ranges from Senegal to Nilotic Egypt, Sudan and Ethiopia, southwards to western Democratic Republic of Congo, northwestern Angola, Uganda and central-southern Kenya. The boundary between this species and Bufo gutturalis in Democratic Republic of Congo, Angola, Kenya, Uganda and Tanzania is poorly understood, and the map should be regarded as provisional. There do not appear to be records from Mauritania, Togo, Equatorial Guinea, Djibouti and Burundi, but it is likely to occur in these countries, and also in the northwestern part of Tanzania. Records from Eritrea predate the descriptions of B. asmarae and B. xeros, but it is possible that the species occurs in the western part of the country. Early records of this species from the Ghat region of southern Libya, Algeria and northern Niger are thought to refer to Bufo xeros and are not mapped here (see Schleich et al., 1996 for further details). It is introduced to the Cape Verde Islands. It occurs from near sea level up to 2,500m asl.								
Conservation Measures	:		Threats:					
It is a very adaptable species that is not facing any significant threats. In Egypt, the range of the species is increasing with the development of irrigation schemes (S. Baha El Din pers. comm.). It is collected in large numbers in Egypt (S. Baha El Din pers. comm.), and has been imported into Canada from Egypt as part on the international pet trade (H. Gerson pers. comm.). However, this is not believed to constitute a threat to the species.  Species population information:								
It is a very abundant spec								
Country Distribution	Native - Presence Confirmed	Native - Presence Exti Possible	nct Reintroduced	Introduced	Vagrant			
Angola	<b>✓</b>							
Benin	<b>✓</b>							
Burkina Faso	$\checkmark$							

	Native - Presence	Native - Presence	Extinct	Reintroduced	Introduced	Vagrant
Country Distribution	Confirmed	Possible				-
Angola	<b>✓</b>					
Benin	✓					
Burkina Faso	✓					
Burundi		<b>✓</b>				
Cameroon	✓					
Cape Verde					<b>✓</b>	
Central African Republic	✓					
Chad	✓					
Congo	✓					
Congo, The Democratic Republic of the	✓					
Côte D'ivoire (Ivory Coast)	✓					
Djibouti		✓				
Egypt	✓					
Equatorial Guinea		✓				
Eritrea		✓				
Ethiopia	✓					
Gabon	✓					
Gambia		✓				
Ghana	✓					
Guinea	<b>✓</b>					
Guinea-Bissau	✓					
Kenya	✓					
Liberia	✓					
Mali	✓					

Mauritania		<b>✓</b>		
Niger	<b>✓</b>			
Nigeria	✓			
Rwanda	✓			
Senegal	✓			
Sierra Leone	✓			
Sudan	✓			
Tanzania		<b>✓</b>		
Togo		<b>✓</b>		
Uganda	<b>✓</b>			

Native - Native -

Presence Presence Extinct Reintroduced Introduced Confirmed Possible

**FAO Marine Habitats** 

## **Major Lakes**

## **Major Rivers**

1	Dry Tropical Woods Dry Woody Scrub	1
	Dry Woody Scrub	
4	Bry Woody Colub	1
1	Hot and Mild Grasses and Shrubs	1
1	Irrigated Grassland	1
1	Savanna (Woods)	1
1	Semi Desert Shrubs	1
1	Urban	1
1	Woody Savanna	1
1		
2		
1		
1		
1		
1 1 1 1 2 1 1 1		Savanna (Woods) Semi Desert Shrubs Urban Woody Savanna

Major threats					Conservation Measures					
Code	Description of threat	Past Present Future		Code	Conservation measures	In place Needed				
13	None			3	Research actions		<b>✓</b>			
					3.1	Taxonomy		<b>✓</b>		
					3.2	Population numbers and range		<b>✓</b>		
					3.3	Biology and Ecology		✓		
					3.4	Habitat status		<b>✓</b>		
					3.9	Trends/Monitoring		<b>✓</b>		
					4	Habitat and site-based actions	<b>✓</b>			
					4.1	Maintenance/Conservation	<b>✓</b>			
					4.4	Protected areas	<b>✓</b>			
					4.4.2	Establishment	<b>✓</b>			
					4.4.3	Management	✓			

Utilisation of Species							
Purpose/Type of Use 13. Pets/display animals, horticulture	Subsistence		National Intern		ntional '	Other purpose:	
Primary forms removed from the wild  1. Whole animal/plant	100% <b>✓</b>	>75% 	51-75%	26-50%	<25%	Other forms removed from the wild:	
Source of specimens in commercial trade Wild	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:

Unknown

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: Stable Date of Assessment: 12/17/200

Assessor(s): Mills Tandy, Mark-Oliver Rödel, Malcolm Largen, John Poynton, Stefan Lötters, Sherif Baha El Din, Helen Gerson

Notes on Red listing:

## **Bibliography**

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

Wickler, W. and Seibt, U., 1974, Rufen und antworten bei Kassina senegalensis, Bufo regularis und andered Anuren, Z. Tierpsychol., , , 34, 524-537. .

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, ,

Salvador, A., 1996, Amphibians of northwest Africa, Smithsonian Herpetological Information Service, , , 109, 1-43, ,

Perret, J.-L., 1977, Une nouvelle espece de crapaud africain: Bufo danielae de Cote d'Ivoire, Rev. Suisse Zool., , , 84, 237-245, ,

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

Gruschwitz, M., Lenz, S. and Böhme, W., 1991, Zur Kenntnis der Herpetofauna von Gambia (Westafrika), Teil 1: Einfurhrung, Froschlurche (Amphibia, Anura), Schildkroten (Reptilia, Chelonia), Krokodile (Crocodilia) und Echsen (Sauria), Herpetofauna, , , 13(74), 13-22, ,

Böhme, W., Meinig, H. and Rödel, M.-O., 1996, New records of amphibians and reptiles from Burkina Faso and Mali, British Herpetological Society Bulletin, , , 55, 7-26, ,

Rödel, M.-O., 2000, , , Herpetofauna of the West Africa. Volume 1. Amphibians of the West African Savannas, , , , Edition Chimaira, Frankfurt am Main

Tawfik, A.A., Akef, M.S.A., Abdel-Mageid, S.S. and Eisa, A.Z., 1996, Taxonomic evidence of Bufo regularis Reuss, 1834 and Bufo kassasii Baha el Din, 1993 (Amphibia, Bufonidae) in Egypt: morphometric and electrophoretic discriminations, Journal of African Zoology, , , 110, 7-13, ,

Spieler, M. and Linsenmair, K.E., 1999, Aggregation beheviour of Bufo maculatus tadpoles as an antipredator mechanism, Ethology, , , 105, 665-686.

Joger, U., 1981, Zur Herpetofaunistik Westafrikas, Bonner Zoologische Beiträege, , , 32, 297-340, ,

Tandy, M., Bogart, J.P., Largen, M.J. and Feener, D.J., 1985, Variation and evolution in Bufo kerinyagae Keith, Bufo regularis Reuss and Bufo asmarae Tandy et al, Monitore Zoologico Italiano N.S. Supplemento, , , 20, 211-267, ,

Schiøtz, A., 1963, The amphibians of Nigeria, Vinensk. Medd. Fra Dansk Naturh. Foren., , , 125, 1-92, ,

Lötters, S., Rotich, D., Koester, T.E., Kosuch, J., Muchai, V., Scheelke, K., Schick, S., Teege, P., Wasonga, V.D. and Veith, M. In press, 2004, What do we know about the amphibians from the Kenyan central and western highlands?, Salamandra, , , 40, , ,

Böhme, W., 1978, Zur Herpetofaunistik des Senegal, Bonner Zoologische Beiträege, , , 29, 360-417, ,

Keith, R., 1968, A new species of Bufo from Africa, with comments on the toads of the Bufo regularis complex, American Museum Novitates, , , 2345, 1-22, ,

Ruas, C., 1996, Contribuicao para o conhecimento da fauna de batraquios de Angola, Garcia de Orta. Ser. Zool. (Lisboa), , , 21, 19-41, ,

Lötters, S., Gossmann, V., Obame, F. and Böhme, W., 2001, Zur Herpetofauna Gabuns, Teil I: Einleitung, Untersuchungsgebiet und Methodik, kommentierte Artenliste der gefundenen Froschlurche, Herpetofauna, , , 23(133), 19-34, ,

Perret, J.-L., 1966, Les Amphibiens du Cameroun, Zool. Jahrb. Syst., , , 8, 289-464, ,

Rödel, M.-O. and Spieler, M., 2000, Trilingual keys to the Savannah-Anurans of the Comoe National Park, Ivory Coast, Stuttgarter Beitrage zur Naturkunde Serie A (Biologie), , , 620, 1-21, ,

Schleich, H.H., Kästle, W. and Kabisch, K., 1996, Amphibians and Reptiles of North Africa, , , , , , Koeltz scientific books, Koenigstein

Lescure, J., 1971, L'alimentation du crapaud Bufo regularis Reuss et da la grenouille Dicroglossus occipitalis (Gunther) au Senegal, Bull. Inst. Fond. Afr. Noire, , , (A)33, 446-466, ,

Hulselmans, J.L.J., 1970, Preliminary notes on African Bufonidae, Rev. Zool. Afr., , , 81, 149-155, ,

Amiet, J.-L., 1976, Voix d'Amphibiens camerounais. V - Bufonidae: genres Bufo, Werneria et Nectophryne, Ann. Fac. Sci. Cameroun, , , 21-22, 139-157. .

Rödel, M.-O., 2000, Les communautes d'amphibiens dans le Parc National de Tai, Cote d'Ivoire. Les anoures comme bio-indicateurs de l'etat des habitats, Rapport de Centre Suisse de la Recherche Scientifique, Abidjan, , Girardin, O., Kone, I. and Tano, Y., 9, 108-113, Etat des recherches en cours dans le Parc National de Taï (PNT), Sempervira, Abidjan, Cote d'Ivoire

Lamotte, M., 1967, Les batraciens de la region de Gpakobo (Cote d'Ivoire), Bull. Inst. Fond. Afr. Noire, , , (A)29, 218-294, ,

Hughes, B., 1988, Herpetology in Ghana (West Africa), British Herpetological Society Bulletin, , , 25, 29-38, ,

Rödel, M.-O. and Bangoura, M.A., 2004, A conservation assessment of amphibians in the Forêt Classée du Pic de Fon, Simandou Range, southeastern Republic of Guinea, with the description of a new Amnirana species (Amphibia Anura Ranidae), Tropical Zoology, , , 17, 201-232, ,