

Discoglossus scovazzi

Taxonomic Authority: Camerano, 1878

Synonyms:

Region: 10

Common Names:

Discoglosse à Ventre Blanc French

Discoglosse Peint French

Order: Anura

Family: Discoglossidae

Notes on taxonomy: This species was removed from the synonymy of *Discoglossus pictus* (García-París and Jockusch 1999; Fromhage et al. 2004).

General Information

Biome Terrestrial Freshwater Marine

Geographic Range of species:

This species is present throughout much of the Mediterranean zone of Morocco and Ceuta and Melilla (Spain). Confirmation of the species presence in western Algeria is needed. The species reaches elevations of 2,600m asl in the High Atlas mountains.

Habitat and Ecology Information:

The species is associated streams, cisterns and pools of either fresh or saline water. It breeds in these wetland habitats; females lay a maximum of 1,000 eggs. Terrestrial habitats of the species include Quercus forest, Nerium oleander scrub and ruins. Individuals can often be found hiding under rocks, in crevices and even under the bark of cork oaks (*Quercus* sp.). It is presumed that the species can withstand some light habitat modification.

Conservation Measures:

The species is listed on Appendix III of the Berne Convention. It is present in some protected areas.

Threats:

The localised loss of breeding sites through agricultural development and increased salinisation in lagoons are the main threats to this species. However, it is not believed to be significantly threatened.

Species population information:

The species is generally common in Morocco, most especially in sub humid and humid areas.

Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
Algeria	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Morocco	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spain	<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

1.4 Forest - Temperate	1
3.8 Shrubland - Mediterranean-type Shrubby Vegetation	1
5.1 Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls)	1
5.2 Wetlands (inland) - Seasonal/Intermittent/Irregular Rivers/Streams/Creeks	1
5.7 Wetlands (inland) - Permanent Freshwater Marshes/Pools (under 8ha)	1
5.8 Wetlands (inland) - Seasonal/Intermittent Freshwater Marshes/Pools (under 8ha)	1

Lower Level Habitat Preferences

Score

Major threats

Code	Description of threat	Past	Present	Future
1	Habitat Loss/Degradation (human induced)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.1	Agriculture	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.1.1	Crops	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.1.1.3	Agro-industry farming	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Conservation Measures

Code	Conservation measures	In place	Needed
1	Policy-based actions	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.2	Legislation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.2.1	Development	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.2.1.1	International level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.2.2	Implementation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.2.2.1	International level	<input checked="" type="checkbox"/>	<input type="checkbox"/>

3	Research actions	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.1	Taxonomy	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.2	Population numbers and range	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.3	Biology and Ecology	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.4	Habitat status	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.5	Threats	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	Habitat and site-based actions	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.1	Maintenance/Conservation	<input checked="" type="checkbox"/>	<input 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% <i>Other forms removed from the wild:</i>
Source of specimens in commercial trade	100%	>75%	51-75%	26-50% <25% <i>Other source of specimens:</i>
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, 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: 12/17/2004

Assessor(s): Alfredo Salvador, David Donaire-Barroso, Slimani Tahar, El Hassan El Mouden, Philippe Geniez, Valentin Perez-Mellado

Notes on Red listing:

Bibliography

- Salvador, A., 1996, Amphibians of northwest Africa, Smithsonian Herpetological Information Service, , , 109, 1-43, ,
- Bons, J. and Geniez, P., 1996, , , Amphibiens et reptiles du Maroc (Sahara Occidental compris) Atlas Biogéographique, , , 319 pp, Asociación Herpetológica Española, Barcelona, Spain
- Mateo, J.A., Plegezueros, J.M., Fahd, S., Geniez, P. and Martínez-Medina, F.J., 2003, , , Los Anfibios, los Reptiles y el Estrecho de Gibralter. Un ensayo sobre la Herpetofauna de Ceuta y su entorno., , , 388 pp, Instituto de Estudios Ceuties, Ceuta
- Vences, M. and Glaw, F., 1996, Further investigations on Discoglossus bioacoustics: Relationships between D. galganoi galganoi, D. g. jeanneae and D. pictus scovazzi, Amphibia-Reptilia, , , 17(4), 333-340, ,
- García-París, M. and Jockusch, E.L., 1999, A mitochondrial DNA perspective on the evolution of Iberian Discoglossus (Amphibia: Anura), Journal of Zoology, , , 248, 209-218, ,
- Fromhage, L., Vences, M. and Veith, M., 2004, Testing alternative vicariance scenarios in Western Mediterranean discoglossid frogs, Molecular Phylogenetics and Evolution, , , 31(1), 308-322, ,
- Schleich, H.H., Kästle, W. and Kabisch, K., 1996, Amphibians and Reptiles of North Africa, , , , Koeltz scientific books, Koenigstein
- Pasteur, G. and Bons, J., 1959, Les Batraciens du Maroc, Trav. Inst. Scient. Chérifien, Rabat, Ser. Zool., , , 17(14), 1-241, ,