

Rana bergeri

Taxonomic Authority: Guenther, 1985

Synonyms:

Region: 10

Common Names:

Italian Pool Frog English
rana di berger Italian

Order: Anura

Family: Ranidae

Notes on taxonomy: P.-A. Crochet (pers. comm.) suggests that this is likely a subspecies of Rana lessonae (Crochet and Dubois in press).

General Information

Biome Terrestrial Freshwater Marine

Geographic Range of species:

This species is present in peninsular Italy (south of Genoa and Rimini), the islands of Elba and Sicily (Italy) and on the island of Corsica (France). It has an altitudinal range of at least up to 1,000m asl.

Habitat and Ecology Information:

It is associated with still and slow moving waters, where it breeds, and the surrounding terrestrial habitats. It may occasionally be found in modified habitats

Conservation Measures:

This species is listed on Appendix III of the Berne Convention and is protected by national legislation in Italy. It is present in some protected areas.

Threats:

This species is threatened by the localised loss of suitable wetland habitat (presumably through drainage for agriculture and urbanisation).

Species population information:

It is a locally common species.

Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
France	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Italy	<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
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Major Lakes

Major Rivers

Upper Level Habitat Preferences

Score

5.1	Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls)	1
5.2	Wetlands (inland) - Seasonal/Intermittent/Irregular Rivers/Streams/Creeks	2
5.4	Wetlands (inland) - Bogs, Marshes, Swamps, Fens, Peatlands	2
5.5	Wetlands (inland) - Permanent Freshwater Lakes (over 8ha)	1
5.6	Wetlands (inland) - Seasonal/Intermittent Freshwater Lakes (over 8ha)	2
5.7	Wetlands (inland) - Permanent Freshwater Marshes/Pools (under 8ha)	1
5.8	Wetlands (inland) - Seasonal/Intermittent Freshwater Marshes/Pools (under 8ha)	2

Lower Level Habitat Preferences

Score

Marsh Wetland	2
Mire, Bog, Fen	2

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"/>
1.4	Infrastructure development	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.4.2	Human settlement	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6	Pollution (affecting habitat and/or species)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6.3	Water pollution	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6.3.1	Agriculture	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6.3.2	Domestic	<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"/>
1.2.1.2	National 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"/>
1.2.2.2	National level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Research actions	<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"/>
3.8	Conservation measures	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	Habitat and site-based actions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4.1	Maintenance/Conservation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4.4	Protected areas	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4.4.2	Establishment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.4.3	Management	<input checked="" type="checkbox"/>	<input checked="" 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: Decreasing **Date of Assessment:** 12/17/2004

Assessor(s): Franco Andreone, Claudia Corti

Notes on Red listing:

Bibliography

- Arnold, E.N., 2003, , Reptiles and amphibians of Europe, , , 288, Princeton University Press,
- Uzzell, T. and Hotz, H., 1979, Electrophoretic and morphological evidence for two forms of green frogs (*Rana esculenta* Complex) in peninsular Italy (Amphibia, Salientia), *Mitteilungen aus dem Zoologischen Museum in Berlin*, , , 55(1), 13-27, ,
- Plötner, J., 1998, Genetic diversity in mitochondrial 12S rDNA of western Palearctic water frogs (Anura, Ranidae) and implication for their systematics, *Journal of Zoological Systematics and Evolutionary Research*, , , 36, 191-201, ,
- Uzzell, T., 1979, Immunological variation in *Rana lessonae* (Amphibia, Salientia), *Mitteilungen aus dem Zoologischen Museum in Berlin*, , , 55(1), 29-33, ,
- Paolucci, M., Borriello, M., Botte, V., Zerani, M. and Magni, A.P., 1987, Taxonomic investigations on six populations of the water frog, *Rana esculenta* complex from peninsular Italy and Sicily, *Bollettino di Zoologia*, , , 54(4), 341-346, ,
- , 1997, , Atlas of Amphibians and Reptiles in Europe, Gasc, J.-P., , 494, Societas Europea Herpetologica & Museum National d'Histoire Naturelle, Paris
- Dubois, A. and Ohler, A., 1995, Frogs of the subgenus *Pelophylax* (Amphibia, Anura, Genus *Rana*): a catalogue of available and valid scientific names, with comments on name-bearing types, complete synonymies, proposed common names, and maps showing all type localities, *Zoologica Poloniae*, , , 39(3/4), 139-204, ,
- Sinsch, U. and Schneider, H., 1996, Bioacoustic assessment of the taxonomic status of pool frog populations (*Rana lessonae*) with reference to a topotypical population, *Journal of Zoological Systematics and Evolutionary Research*, , , 34, 63-73, ,