Bombina pachy	<u>pus</u>		Re	egion:	10			
Taxonomic Authority:	(Bonaparte, 1838)							
Synonyms:			Co	ommon N	lames:			
			Ap	penine Y	ellow-be	ellied Toad	English	
			ulı	ulone dal v	ventre g	jiallo	Italian	
Order: Anura			Fa	amily:	Bomb	inatoridae		
Notes on taxonomy:	A number of authors cons Bologna et al. 2003; Ohle the use of preliminary elec on the basis of old morph	r 1997). The taxoctrophoretic data	on was e publishe	elevated to ed in the f	specie form of a	s level by La	anza and Vann	i (1991) mainly through
General Informatio	n							
Biome	<u>✓</u> Terre	strial	✓ Fresh	hwater		☐ Marii	ne	
Geographic Range of sp	pecies:		На	abitat and	l Ecolo	gy Informat	tion:	
This species is endemic through the Appenine reg	to Italy, where it occurs sou gion, south to the southern 20m up to almost 1,700m a	tip of the italian	ar als	eas. Spav so occurs	vning ar in modi	nd larval dev fied habitats	velopment take:	s in forests and open s place in these pools. It ntensity farmland, nds.
Conservation Measures	:		Th	reats:				
Annexes II and IV of the under Bombina variegata d'Abruzzo, Parco Naziona	Appendix II of the Berne Co EU Natural Habitats Directi . It is known to occur in Pa ale Pollino and Parco Nazi a and is present in other pro	ve, in both cases rco Nazionale onale del Gran	s to ha prosto ch po ne	drainage ave very si edominan ochastic e sytridiomycossible imp	for intermall popule of mextinction cosis (Spacts of wever, cosis)	nsive agricu pulations (10 ales; these ns. This spe tagni et al., this disease overall this s	Itural purposes 0 to 12 individual small populatio ecies might also 2002), and furt	e loss of wetland habitat In some places it may als), with a slight ns are highly subject to be threatened with her research into the s of this species is of appear to be
Species population info	rmation:			,				
It is common in suitable h	nabitat.							
	Native -	Native -						
	Presence	Presence	Extinct	Reintrod	luced I	ntroduced	Vagrant	
Country Distribution	on Confirme	d Possible						
Italy	✓							
FAO Marine Habita	Native - Presence Confirme	e Presence	Extinct	Reintroo	duced	Introduced		
Major Lakes								
Major Rivers								
	- 1 D (6-	1			- L ' (- (D -		Caara
Upper Level Habita		30		ower Le	evel H	abitat Pr	<u>eferences</u>	Score
1.4 Forest - Temperate			1					
4.4 Grassland - Tempe			1					
, ,	Bogs, Marshes, Swamps,							
5.7 Wetlands (inland) - (under 8ha)	Permanent Freshwater Ma	arshes/Pools	1					
5.8 Wetlands (inland) - Marshes/Pools (und	Seasonal/Intermittent Fres der 8ha)	hwater	1					
11.1 Artificial/Terrestrial	,		2					
11.2 Artificial/Terrestrial	- Pastureland		1					
12.2 Artificial/Aquatic - P	onds (below 8ha)		1					
12.5 Artificial/Aquatic - E	xcavations (open)		1					
•	rigated Land (includes irrig	ation channels)	1					
·	easonally Flooded Agricult	•	2					
·								
Major threats			<u>C</u>	onserv	ation	Measure:	<u>s</u>	
Code Description of t	hreat	Past Present Fu	uture C e	ode Con	servati	on measure	es	In place Needed

✓

✓ 1

Policy-based actions

✓

Habitat Loss/Degradation (human induced)

 1.1 Agriculture 1.1.1 Crops 1.1.1.3 Agro-industry farming 1.1.4 Livestock 1.1.4.3 Agro-industry 8 Changes in native species dynamics 8.5 Pathogens/parasites 9 Intrinsic factors 9.1 Limited dispersal 				1.2.2	Biology a Habitat st Threats Conserva Trends/M Habitat a Maintena Protected Establish Managen Species-	nent inal level intation inal level in actions in actions in numbers ind Ecologi itatus itation meas itation	ures sed actions ervation		
Utilisation of Species Purpose/Type of Use Primary forms removed from the wild	Subs	sistence >75%	_	National	Interna 26-50%	ational	Other purpose: Other forms removed fi	rom the wild	d:
Source of specimens in commercial trade	100%	>75%		-75%	26-50%	<25%	ens:		
Trend in wild offtake/harvest in relation to to Trend in offtake/harvest produced through of CITES: Not listed	•					•	·		
Red Listing Red List Assessment: Least Concern (LC) Red List Criteria:				☐ P	ossibly Ex	tinct			

Bibliography

Notes on Red listing:

Assessor(s):

Current Population Trend:

Stable

Franco Andreone, Claudia Corti

Bologna, M.A., Capula, M. and Carpaneto, G.M., 2000, , , Anfibi e Rettili del Lazio, , , 160pp, Fratelli Palombi Editori, Roma

Guarino, F.M., Bellini, L., Mazzarella, G. and Angelini, F., 1998, Reproductive activity of Bombina pachypus from southern Italy, The Italian Journal of Zoology, , , 65(4), 335-342, ,

Date of Assessment:

12/17/2004

Vaccaneo, R., 1931, Ricerche sui caratteri morfologici dei Bombinator italiani, Bolletino dei Musei di Zoologia ed Anatomia Comparata della Università di Torino, , , (3)41(5), 1-47, ,

Nascetti, G., Vanni, S., Bullini, L. and Lanza, B., 1983, Variabilità e divergenza genetica in popolazioni italiane del genere Bombina (Amphibia, Discoglossidae), Boll Zool., , , 49(suppl.), 134-135, ,

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, , Di Cerbo, A.R. and Ferri, V., 1996, Preliminary data on the ecological observations of the Appennine yellow-bellied toad (Bombina pachypus) in

Di Cerbo, A.R. and Ferri, V., 1996, Preliminary data on the ecological observations of the Appennine yellow-bellied toad (Bombina pachypus) in Abruzzo, Central Italy, Naturschutzreport, , , 11(1), 91-99, ,

Stagni, G., Scoccianti, C. and Fusini, R., 2002, Segnalazione di chytridiomicosi in popolazioni di Bombina pachypus (Anura, Bombinatoridae) dell'Appennino tosco-emiliano, , IV Congresso della Societas Herpetologica Italica, a Ercolano, , , , ,

Lanza, B. and Vanni, S., 1991, Notes on the biogeography of the Mediterranean islands Amphibians, Atti Conv. Lincei, Roma., , , 85, 335-344, ,

Bologna, M.A., Capula, M., Carpaneto, G.M., Cignini, B., Marangoni, C., Venchi, A. and Zapparoli, M., 2003, , , Anfibi e Rettili a Roma - Atlante e guida delle specie presenti in ciuttà, , , 112 pp, Comune di Roma, assessorato Ambiente, Assessorato Cultura. Stilgrafica srl., Roma Ohler, A., 1997, Supplement to the list of European Amphibians, , Atlas of Amphibians and Reptiles in Europe, Gasc, J.P. et al., , pp. 404-40, Societas Europea Herpetologica & Muséum National d'Histoire Naturelle (IEGP/SPN),