Triturus vittatus	;				Region:	10					
Taxonomic Authority:	_				tog.c						
Synonyms:	(==,,				Common N	lames:					
Triturus ophzticus	Berth	old, 1846			Banded Ne			English	1		
					Maloaziatsl	kii Trito	1	Russia			
Order: Caudata					Family:	Salar	mandridae				
Notes on taxonomy:	This is represent ophryticus which different and maccontroversial and	n is present i ly represent	n northern To two full spec	v. vittat urkey ar ies. The	tus ranging nd the Cauc taxonomic	along t	he Mediterra	o subspecies	s are genetica	ılly very	
General Informatio	<u>n</u>										
Biome	_	✓ Terrestr	al	✓ Fre	shwater		☐ Marir	ne			
Geographic Range of sp	oecies:				Habitat and	d Ecolo	gy Informat	ion:			
This species has two disjunctive populations. The northern population ranges from the western Caucasus (mountain forest belt over the north-western and south-western slopes of the Main Caucasian Ridge), through northern Turkey up to the Bosphorus Strait. The southern population is found in southeastern Turkey, Syria, Lebanon, Jordan and Israel (the southern limit being the southern Coastal Plain [Ashkelon]). Recorded from 200m below sea level (Tabbaria Lake) to around 2,750m asl (Turkey) Conservation Measures: Listed in the Red Data Books of the USSR, Russia, Georgia and Israel. Protected by national legislation in Israel. Present in protected areas in Russia and Georgia. It was re-introduced in the Caucasian Nature Reserve. It is present in two or three protected areas in Turkey, and may be present (marginally) in a protected areas in Israel.					birch, oaks, eastern hornbeams, alders, chestnuts, beach and rhododendrons) up to sub alpine meadows. Reproduction occurs in lakes, ponds (including temporary pools), large puddles, drainage canals, roadside ditches in meadows, slow-flowing streams and stream pools in open areas near or within forests. The number of eggs varies between 50 and 100. It can occur in some slightly modified habitats, although it appears to be more sensitive to habitat change in the south of its range. Threats: This species is very sensitive to habitat loss. Construction and building along the Black Sea coastline may be impacting the northern Turkish population. Within the Caucasus, habitat loss (through forest destruction, destruction of wetlands, overgrazing by cattle, urbanisation, industrial and agrochemical pollution) are negatively impacting populations. In the Caucasus and Israel it is threatened by collection for the pet trade. The southern population is more threatened by the loss of suitable breeding habitats. In Israel it is additionally threatened by spraying of pesticides to combat mosquitos.						
Species population info	rmation:										
The species is sporadical common in suitable habit because of restricted hab	ats). It is general		- '	ough							
		Native -	Native -							_	
Country Distribution		Presence Confirmed	Presence Possible	Extino	t Reintro	duced	Introduced	Vagrant			
Country Distribution	<u>on</u>		T OSSIDIC			⇒					
Armenia Georgia		✓			Į.	=					
Iraq		<u>V</u>				=					
Israel					_	=					
Jordan		✓			[II	=					
Lebanon		✓			L.	=					
Russian Federation		✓									
Syrian Arab Republic		✓			<u> </u>	_					
Turkey		✓									
FAO Marine Habita	ıts	Native - Presence Confirmed	Native - Presence Possible	Extino	ct Reintro	duced	Introduced				

Major Lakes

Major Rivers

Upper Level Habitat Preferences	Score	Lower Level Habitat Preferences	Score
1.4 Forest - Temperate	1	Broadleaf Forest	1
4.4 Grassland - Temperate	1	Conifer Forest	1
 Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls) 	1	Cool Forest and Field	9

5.2 W	/etlands (inland) - Seasonal/Intermittent/Irr	egular		2	Cool M	lixed Fores	st			1
	Rivers/Streams/Creeks			-	Crops and Towns					
5.5 Wetlands (inland) - Permanent Freshwater Lakes (over 8ha)				1	Crops, Grass, Shrubs					2
5.6 Wetlands (inland) - Seasonal/Intermittent Freshwater Lakes				2	Deciduous Broadleaf Wood					
(over 8ha) 5.7 Wetlands (inland) - Permanent Freshwater Marshes/Pools				1	Fields and Woody Savanna Forest and Field					
(under 8ha)5.8 Wetlands (inland) - Seasonal/Intermittent Freshwater Marshes/Pools (under 8ha)				1	Grass Crops					9 1
	aves and Subterranean Habitats (non-aqu	atic) - Cav	ves	9	Mixed Forest Small Leaf Mixed Woods					
	rtificial/Terrestrial - Arable Land	,		2	Urban	_cai wiixcc	. vvoous		1 3	
11.2 Aı	rtificial/Terrestrial - Pastureland			2	O Dan					Ū
11.4 Aı	rtificial/Terrestrial - Rural Gardens			9						
11.5 Aı	rtificial/Terrestrial - Urban Areas			9						
12.2 A	rtificial/Aquatic - Ponds (below 8ha)			1						
12.3 Aı	rtificial/Aquatic - Aquaculture Ponds			9						
12.5 Aı	rtificial/Aquatic - Excavations (open)			2						
12.9 Aı	rtificial/Aquatic - Canals and Drainage Cha	innels, Dit	tches	1						
Major	threats				Cons	ervatio	n Meas	ures		
Code	Description of threat	Past F	Present F	uture	Code	Conserva	ation me	asures	In place I	Needed
1	Habitat Loss/Degradation (human induce	d) 🔽	✓	✓	1	Policy-ba	sed actio	ns	✓	
1.1	Agriculture	✓	✓	✓	1.2	Legislatio	on		✓	
1.1.1	Crops	✓	✓	✓	1.2.1	Developn	nent		✓	
1.1.1.3	Agro-industry farming	✓	✓	✓	1.2.1.2	National I	level		✓	
1.1.4	Livestock	✓	✓	✓	1.2.2	Implemer	ntation		✓	
1.1.4.3	Agro-industry	> > >	✓	✓		National I	level		✓	
1.3	Extraction	✓	✓	✓	2	Commun	ication ar	nd Education		✓
1.3.3	Wood	~	✓	✓	2.1	Formal ed	ducation			✓
	Clear-cutting	✓	✓	✓	2.2	Awarenes				✓
1.4	Infrastructure development	~	✓	✓	3	Research				✓
1.4.1	Industry	~	✓	✓	3.2			rs and range		✓
1.4.2	Human settlement	✓	✓	✓	3.3	Biology a		gy		✓
1.4.3	Tourism/recreation	<u> </u>	✓	✓	3.4	Habitat st	tatus			✓
3	Harvesting (hunting/gathering)	<u> </u>	V	V	3.5	Threats	l hanvaat	lovala		✓
3.5 3.5.2	Cultural/scientific/leisure activities	<u> </u>	V	V	3.6 3.8	Uses and				✓
3.5.2	Sub-national/national trade Regional/international trade	✓	✓	Y	3.9	Conserva Trends/M				✓
6	Pollution (affecting habitat and/or species				4		-	ased actions		✓
6.3	Water pollution		✓	✓	4.1	Maintena			✓	✓
6.3.1	Agriculture	y	✓	✓	4.2	Restoration		oci vationi		✓
6.3.2	Domestic	<u> </u>	V	V	4.4	Protected			✓	✓
6.3.3	Commercial/Industrial	<u> </u>	<u>~</u>	V	4.4.1			w protected areas		✓
					4.4.2	Establish		F	✓	✓
					4.4.3	Managen	nent		✓	✓
					5	Species-l		tions	✓	✓
					5.1	Re-introd	uctions		✓	✓
					5.3	Sustainal	ble use			✓
					5.3.1	Harvest n	managem	ent		✓
					5.3.2	Trade ma	anagemer	nt		✓
Utilisat	ion of Species									
-	se/Type of Use	Subs	sistence	. 1	National	Interna	ational	Other purpose:		
13. Pet	s/display animals, horticulture				✓	V				
Primar	y forms removed from the wild	100%	>75%	51	-75%	26-50%	<25%	Other forms removed	from the wil	d:
	le animal/plant	✓								
1. Who	of specimens in commercial trade	100%	>75%	51	-75 %	26-50%	<25%	Other source of specia	mens:	

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: Decreasing Date of Assessment: 4/5/2004

Assessor(s): Jan Willem Arntzen, Sergius Kuzmin, Theodore Papenfuss, Gad Degani, Ismail Ugurtas, Ahmad Disi, David Tarkhnishvili, Boris

Notes on Red listing: The southern subspecies, T. v. vittatus, is significantly more threatened than the northern subspecies. These are

genetically very different taxa.

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