



Slovakia	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Slovenia	<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"/>
Sweden	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Switzerland	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
United Kingdom	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Serbia and Montenegro	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Native - Presence Confirmed    Native - Presence Possible    Extinct    Reintroduced    Introduced

## FAO Marine Habitats

## Major Lakes

## Major Rivers

<u>Upper Level Habitat Preferences</u>		Score	<u>Lower Level Habitat Preferences</u>		Score
1.1	Forest - Boreal	1	Broadleaf Forest		1
1.2	Forest - Subarctic	1	Cold Grassland		2
1.4	Forest - Temperate	1	Conifer Boreal Forest		1
3.1	Shrubland - Subarctic	1	Conifer Forest		1
3.3	Shrubland - Boreal	1	Cool Broadleaf Forest		1
3.4	Shrubland - Temperate	1	Cool Conifer Forest		1
4.1	Grassland - Tundra	2	Cool Crops and Towns		1
4.2	Grassland - Subarctic	2	Cool Fields and Woods		2
4.4	Grassland - Temperate	1	Cool Forest and Field		1
5.1	Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls)	1	Cool Mixed Forest		1
5.2	Wetlands (inland) - Seasonal/Intermittent/Irregular Rivers/Streams/Creeks	1	Crops and Towns		1
5.4	Wetlands (inland) - Bogs, Marshes, Swamps, Fens, Peatlands	1	Crops, Grass, Shrubs		1
5.5	Wetlands (inland) - Permanent Freshwater Lakes (over 8ha)	1	Deciduous and Mixed Boreal Forest		1
5.6	Wetlands (inland) - Seasonal/Intermittent Freshwater Lakes (over 8ha)	1	Deciduous Broadleaf Wood		1
5.7	Wetlands (inland) - Permanent Freshwater Marshes/Pools (under 8ha)	1	Deciduous Coniferous Forest		1
5.8	Wetlands (inland) - Seasonal/Intermittent Freshwater Marshes/Pools (under 8ha)	1	Evergreen Forest and Fields		1
5.9	Wetlands (inland) - Freshwater Springs and Oases	2	Fields and Woody Savanna		2
5.10	Wetlands (inland) - Tundra Wetlands (incl. pools and temporary waters from snowmelt)	2	Forest and Field		1
5.13	Wetlands (inland) - Permanent Inland Deltas	1	Grass Crops		2
11.1	Artificial/Terrestrial - Arable Land	1	Heath Scrub		2
11.2	Artificial/Terrestrial - Pastureland	1	Low Sparse Grassland		2
11.3	Artificial/Terrestrial - Plantations	2	Marsh Wetland		1
11.4	Artificial/Terrestrial - Rural Gardens	1	Mire, Bog, Fen		1
11.5	Artificial/Terrestrial - Urban Areas	1	Mixed Forest		1
12.1	Artificial/Aquatic - Water Storage Areas (over 8ha)	1	Narrow Conifers		1
12.2	Artificial/Aquatic - Ponds (below 8ha)	1	Shrub Deciduous		2
12.3	Artificial/Aquatic - Aquaculture Ponds	1	Shrub Deciduous		2
12.5	Artificial/Aquatic - Excavations (open)	2	Small Leaf Mixed Woods		1
12.6	Artificial/Aquatic - Wastewater Treatment Areas	2	Upland Tundra		2
12.8	Artificial/Aquatic - Seasonally Flooded Agricultural Land	2	Urban		1
13	Introduced vegetation	2	Wooded Tundra		1
			Woody Savanna		2

## Major threats

Code	Description of threat	Past	Present	Future
13	None	<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"/>
2 Communication and Education	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.2 Awareness	<input checked="" type="checkbox"/>	<input checked="" 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"/>
3.6 Uses and harvest levels	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.8 Conservation measures	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.9 Trends/Monitoring	<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"/>
4.2 Restoration	<input 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"/>
5 Species-based actions	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.3 Sustainable use	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.3.1 Harvest management	<input type="checkbox"/>	<input checked="" type="checkbox"/>

### Utilisation of Species

Purpose/Type of Use	Subsistence	National	International	Other purpose:		
1. Food - human	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
3. Medicine - human and veterinary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
13. Pets/display animals, horticulture	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
14. Research	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
<b>Primary forms removed from the wild</b>	<b>100%</b>	<b>&gt;75%</b>	<b>51-75%</b>	<b>26-50%</b>	<b>&lt;25%</b>	<b>Other forms removed from the wild:</b>
1. Whole animal/plant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Source of specimens in commercial trade</b>	<b>100%</b>	<b>&gt;75%</b>	<b>51-75%</b>	<b>26-50%</b>	<b>&lt;25%</b>	<b>Other source of specimens:</b>
Wild	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Trend in wild offtake/harvest in relation to total wild population numbers over last five years:</b>						Unknown
<b>Trend in offtake/harvest produced through domestication/cultivation over last five years:</b>						
<b>CITES:</b>	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:** 4/5/2004

**Assessor(s):** Sergius Kuzmin, Vladimir Ishchenko, Boris Tuniyev, Trevor Beebee, Franco Andreone, Per Nyström, Brandon Anthony, Benedikt

**Notes on Red listing:**

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