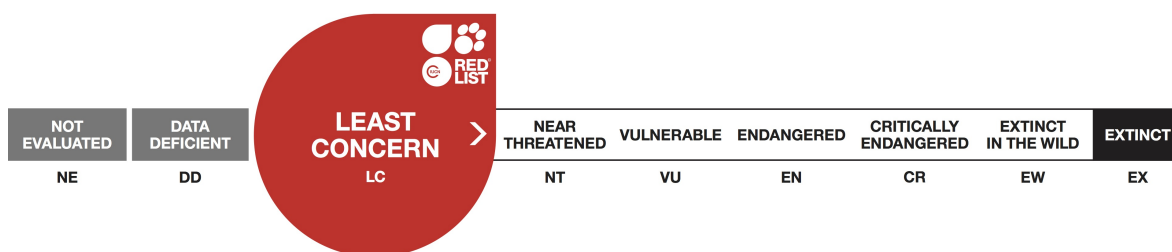


Dryophytes japonicus, Japanese Treefrog

Amended version

Assessment by: Kuzmin, S., Maslova, I., Matsui, M., Liang, F. & Kaneko, Y.



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Citation: Kuzmin, S., Maslova, I., Matsui, M., Liang, F. & Kaneko, Y. 2017. *Dryophytes japonicus*. The IUCN Red List of Threatened Species 2017: e.T55519A112714533.

<http://dx.doi.org/10.2305/IUCN.UK.2017-1.RLTS.T55519A112714533.en>

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Chordata	Amphibia	Anura	Hylidae

Taxon Name: *Dryophytes japonicus* (Günther, 1859)

Synonym(s):

- *Hyla arborea* ssp. *japonica* Günther, 1859
- *Hyla japonica* Günther, 1859
- *Hyla stepheni* Boulenger, 1887
- *Hyla ussuriensis* Nikolskii, 1918

Common Name(s):

- English: Japanese Treefrog

Taxonomic Source(s):

Frost, D.R. 2017. Amphibian Species of the World: an Online Reference. Version 6.0 (10 March 2017). American Museum of Natural History, New York, USA Available at: <http://research.amnh.org/herpetology/amphibia/index.html>.

Taxonomic Notes:

Hyla japonica is a member of the *Hyla arborea* complex. A number of authors consider *H. japonica* to be a subspecies of *H. arborea*, but biochemical and morphological differences between these two forms confirm the specific rank of *H. japonica*. Fei *et al.* (1999) considered *H. ussuriensis* from northern China, the Korean Peninsula, eastern Russia and Mongolia to be a separate species from *H. japonica* on Japan. Here we consider *H. ussuriensis* to be a synonym of *H. japonica* pending further taxonomic work on this complex.

The genus *Dryophytes* was resurrected from synonymy under *Hyla* by Duellman *et al.* (2016) and this and all the *Hyla* species mentioned above were transferred to *Dryophytes*.

Assessment Information

Red List Category & Criteria: Least Concern [ver 3.1](#)

Year Published: 2017

Date Assessed: April 30, 2004

Annotations: Needs Updating

Justification:

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.

Previously Published Red List Assessments

2004 – Least Concern (LC)

<http://dx.doi.org/10.2305/IUCN.UK.2004.RLTS.T55519A11323792.en>

Geographic Range

Range Description:

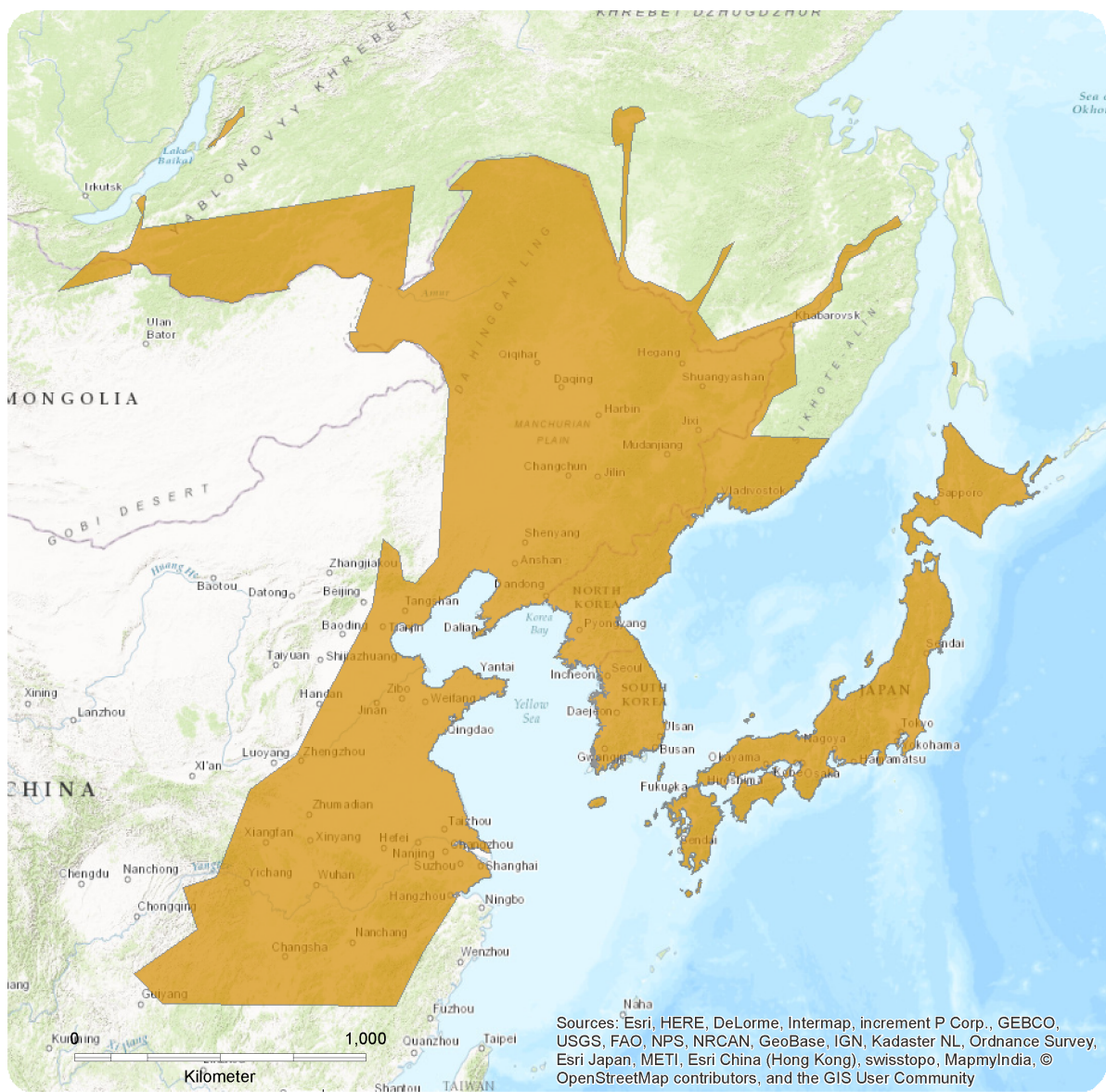
This species is widespread in Japan (Hokkaido, Honshu, Shikoku, Kyushu and other small islands), central, northern and northeastern China, it is found throughout both the Democratic People's Republic of Korea and the Republic of Korea, present in northern Mongolia and the southern Russian Far East.

Country Occurrence:

Native: China; Japan; Korea, Democratic People's Republic of; Korea, Republic of; Mongolia; Russian Federation

Distribution Map

Dryophytes japonicus

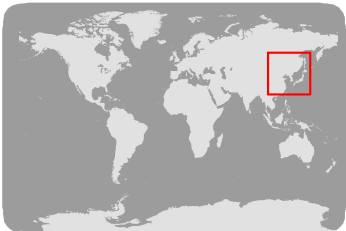


Range

Extant (resident)

Compiled by:

IUCN (International Union for Conservation of Nature),
Conservation International & NatureServe.



The boundaries and names shown and the designations used on this map do not imply any official endorsement, acceptance or opinion by IUCN.



Population

This species is common throughout and is only rare and sporadically distributed in the area of Lake Baikal and Mongolia.

Current Population Trend: Stable

Habitat and Ecology (see Appendix for additional information)

This species inhabits mixed and deciduous broadleaved forests, forest steppes, bush lands, meadows, swamps, paddy fields, ponds, and the surrounding vegetation. It is often found along the banks of rivers, streams, and lakes. Spawning and larval development takes place in stagnant ponds, puddles, oxbow lakes, flooded quarries, and lakes with dense herbaceous vegetation. The eggs are sometimes deposited in river and stream pools. The species tolerates some degree of habitat modification, and may even be found in large cities.

Systems: Terrestrial, Freshwater

Threats (see Appendix for additional information)

The threats to this species are not well known, but are presumed to include general habitat loss, (often from changes in land use such as conversion of paddy fields to vegetable farming), pollution and prolonged drought in arid areas.

Conservation Actions (see Appendix for additional information)

The range of this species overlaps with many protected areas. It is listed in the Red Data Books of Buryatia and the Evreiskaya Autonomous Province of Russia.

Credits

Assessor(s): Kuzmin, S., Maslova, I., Matsui, M., Liang, F. & Kaneko, Y.

Reviewer(s): Stuart, S.N., Chanson, J.S. & Cox, N.A.

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External Resources

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Appendix

Habitats

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Habitat	Season	Suitability	Major Importance?
0. Root -> 16. Introduced vegetation	-	Marginal	-
15. Artificial/Aquatic & Marine -> 15.8. Artificial/Aquatic - Seasonally Flooded Agricultural Land	-	Suitable	-
15. Artificial/Aquatic & Marine -> 15.7. Artificial/Aquatic - Irrigated Land (includes irrigation channels)	-	Suitable	-
15. Artificial/Aquatic & Marine -> 15.5. Artificial/Aquatic - Excavations (open)	-	Suitable	-
15. Artificial/Aquatic & Marine -> 15.2. Artificial/Aquatic - Ponds (below 8ha)	-	Suitable	-
15. Artificial/Aquatic & Marine -> 15.1. Artificial/Aquatic - Water Storage Areas (over 8ha)	-	Marginal	-
14. Artificial/Terrestrial -> 14.5. Artificial/Terrestrial - Urban Areas	-	Suitable	-
14. Artificial/Terrestrial -> 14.4. Artificial/Terrestrial - Rural Gardens	-	Suitable	-
14. Artificial/Terrestrial -> 14.2. Artificial/Terrestrial - Pastureland	-	Suitable	-
14. Artificial/Terrestrial -> 14.1. Artificial/Terrestrial - Arable Land	-	Marginal	-
5. Wetlands (inland) -> 5.13. Wetlands (inland) - Permanent Inland Deltas	-	Suitable	-
5. Wetlands (inland) -> 5.8. Wetlands (inland) - Seasonal/Intermittent Freshwater Marshes/Pools (under 8ha)	-	Suitable	-
5. Wetlands (inland) -> 5.7. Wetlands (inland) - Permanent Freshwater Marshes/Pools (under 8ha)	-	Suitable	-
5. Wetlands (inland) -> 5.5. Wetlands (inland) - Permanent Freshwater Lakes (over 8ha)	-	Suitable	-
5. Wetlands (inland) -> 5.4. Wetlands (inland) - Bogs, Marshes, Swamps, Fens, Peatlands	-	Suitable	-
5. Wetlands (inland) -> 5.1. Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls)	-	Suitable	-
4. Grassland -> 4.4. Grassland - Temperate	-	Suitable	-
3. Shrubland -> 3.4. Shrubland - Temperate	-	Suitable	-
1. Forest -> 1.4. Forest - Temperate	-	Suitable	-

Threats

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Threat	Timing	Scope	Severity	Impact Score
11. Climate change & severe weather -> 11.2. Droughts	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation		
2. Agriculture & aquaculture -> 2.1. Annual & perennial non-timber crops -> 2.1.3. Agro-industry farming	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation		
2. Agriculture & aquaculture -> 2.3. Livestock farming & ranching -> 2.3.3. Agro-industry grazing, ranching or farming	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation		
9. Pollution -> 9.3. Agricultural & forestry effluents -> 9.3.4. Type Unknown/Unrecorded	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation		

Conservation Actions in Place

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Conservation Actions in Place
In-Place Land/Water Protection and Management
Occur in at least one PA: Yes

Conservation Actions Needed

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Conservation Actions Needed
2. Land/water management -> 2.1. Site/area management

Research Needed

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Research Needed
1. Research -> 1.1. Taxonomy
1. Research -> 1.2. Population size, distribution & trends
1. Research -> 1.3. Life history & ecology
1. Research -> 1.5. Threats
1. Research -> 1.6. Actions

Research Needed
3. Monitoring -> 3.1. Population trends
0. Root -> 4. Other

Additional Data Fields

Population
Population severely fragmented: No

Amended

Amended reason: This amended assessment has been created because the species was transferred from the genus *Hyla* to *Dryophytes*.

The IUCN Red List Partnership



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