Zingiber georgeae

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Plantae	Tracheophyta	Liliopsida	Zingiberales	Zingiberaceae

Taxon Name: *Zingiber georgeae* Mood & Theilade

Assessment Information

Red List Category & Criteria: Near Threatened [ver 3.1](#)

Year Published: 2019

Date Assessed: February 28, 2019

Justification:

This species is known from its type locality in Ulu Baleh, Sarawak (Malaysia) on Borneo (Theilade and Mood 1999, ZRC 2019, WCSP 2019, Lai Shak Tech 9100265 SAR!). Satellite imagery (GFW 2019) shows a relatively intact tree cover and the population should be stable. However, the type locality is not in a protected area (Protected Planet 2019) and the general threat to forests of Borneo may come to affect the species in the future. Monitoring of the habitat is therefore recommended. *Zingiber georgeae* is therefore assessed as Near Threatened.

Geographic Range

Range Description:

This species is endemic to Sarawak (Malaysia) on Borneo (WCSP 2019) and only known from the type collection (Lai Shak Tech 9100265 SAR!) made at Ulu Baleh (ZRC 2019). The type is cultivated in Hawaii (Theilade and Mood 1999).

Country Occurrence:

Native: Malaysia (Sarawak)

Distribution Map

Zingiber georgeae

Range

- Extant (resident)

Compiled by:
ZRC

Population

This species is only known from the type locality which has a seemingly intact tree cover, suggesting that the population is small but stable.

Current Population Trend: Stable

Habitat and Ecology (see Appendix for additional information)

The leafy shoots reach up to 60 cm tall (Theilade and Mood 1999).

Systems: Terrestrial

Use and Trade

No available use or trade information.

Threats

Forests of Borneo are under continuous threat of being logged and converted (WWF 2019). The tree cover at the site where the species is known, is however intact.

Conservation Actions (see Appendix for additional information)

The type is cultivated in the Botanic Research Centre, Semengoh, Hawaii (Theilade and Mood 1999). The species is not known from any protected area registered in Protected Planet (2019).

Credits

Assessor(s): Theilade, I., Mood, J. & Olander, S.B.

Reviewer(s): Martínez Richart, A.I.

Bibliography

GFW. 2019. Global Forest Watch. Available at: <http://www.globalforestwatch.org/>.

IUCN. 2019. The IUCN Red List of Threatened Species. Version 2019-3. Available at: www.iucnredlist.org. (Accessed: 10 December 2019).

Protected Planet. 2019. Protected Planet: The World Database on Protected Areas (WDPA). Cambridge, UK Available at: www.protectedplanet.net. (Accessed: 2019).

Theilade, I. and Mood, J. 1999. Six new species of *Zingiber* (Zingiberaceae) from Borneo. *Nordic Journal of Botany* 19(513-524).

WCSP. 2019. World Checklist of Selected Plant Families. Available at: <https://wcsp.science.kew.org/home.do>.

WWF (World Wildlife Fund). 2019. Threats to Borneo Forests. Available at: http://wwf.panda.org/knowledge_hub/where_we_work/borneo_forests/borneo_deforestation/.

ZRC. 2019. Zingiberaceae Resource Centre. Available at: <http://padme.rbge.org.uk/ZRC/welcome>.

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External Resources

For [Images and External Links to Additional Information](#), please see the Red List website.

Appendix

Habitats

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

Habitat	Season	Suitability	Major Importance?
1. Forest -> 1.6. Forest - Subtropical/Tropical Moist Lowland	Resident	Suitable	-

Plant Growth Forms

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

Plant Growth Forms
Forb or Herb

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: No

Conservation Actions Needed

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

Conservation Actions Needed
1. Land/water protection -> 1.1. Site/area protection

Research Needed

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

Research Needed
1. Research -> 1.2. Population size, distribution & trends
1. Research -> 1.5. Threats
3. Monitoring -> 3.1. Population trends
3. Monitoring -> 3.4. Habitat trends

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 4
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: No

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