

Reference Information:

Potential Presence of Endangered Species in Pellet Production Areas in Gorontalo Province, Sulawesi

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1) Presence of Endangered Species

We examined the overlap between the habitats of species¹ listed on the [IUCN Red List](#)² and four logging areas (energy plantation concessions)³ that supply wood to two wood pellet producers currently operating in Gorontalo Province: [Biomasa Jaya Abadi \(BJA\)](#)⁴ and [Gorontalo Panel Lestari \(GPL\)](#)⁵.

Using place names such as Gorontalo and Sulawesi as keywords, we searched the IUCN Red List database for mammals, birds, reptiles, and amphibians. The results indicate that the habitats of at least 17 threatened species (CR: Critically Endangered, EN: Endangered, VU: Vulnerable) and 6 Near Threatened species (NT) overlap with the logging concession areas of BJA and GPL.

Most of these species are endemic to Sulawesi (i.e., found nowhere else in the world). Among the two species classified as Critically Endangered (CR), the Sulawesi Forest Turtle is a monotypic genus (a uniquely evolved species with no closely related species), while the Maleo is a bird known for its unusual reproductive behavior of incubating its eggs using geothermal heat in volcanic soils. The concession areas also overlap with the habitats of primates such as Gursky's Spectral Tarsier and Jatna's Tarsier, species that were discovered only within the past decade. Indonesian experts have pointed out that the tropical forests of Gorontalo may play an important role in future research on evolutionary processes.

These findings indicate that the logging areas used for pellet production are forests of (very) high conservation value.

¹ This list is **not exhaustive**, and the threatened species identified here may represent only a portion of the species present in the area. Further surveys, particularly of **insects and plants**, are planned in the future.

² <https://www.iucnredlist.org/>

³ Wood supply areas for BJA : PT. Banyan Tumbuh Lestari (BTL) 18,720ha, PT. Inti Global Laksana (IGL) 11,812ha

Wood supply areas for GPL : PT. Gorontalo Citra Lestari (GCL) 46,170ha, PT. Gema Nusantara Jaya (GNJ) 27,976ha

*For the locations of these concessions, please refer to the following factsheet:

https://www.gef.or.jp/wp-content/uploads/2025/12/factsheet_sulawesi_biodiversity_biomass_eng.pdf

⁴ <https://biomasajayaabadi.com/>

⁵ <https://ptgpl.co.id/>

2) List of Threatened and Near Threatened Species

Species marked with “@” indicate that their habitat potentially overlaps with the concession areas of either one of the pellet mills but not both, while those without “@” may overlap with the concession areas of both mills.

【Threatened Species】 (CR: Critically Endangered / EN: Endangered / VU: Vulnerable)

Mammals (10 species)

Lowland Anoa (EN)

Mountain Anoa (EN) – *possibly occurring west of the BJA area*

Gorontalo Macaque (VU) – @GPL

Sulawesi Babirusa (VU)

Gursky’s Spectral Tarsier (VU) – @GPL

Jatna’s Tarsier (VU) – @BJA

Bear Cuscus (VU)

Northern Sulawesi Spiny Rat (VU)

Central Sulawesi Spiny Rat (VU)

Sulawesi Fruit Bat (VU)

Birds (4 species)

Maleo (CR) – *a bird known for its unusual behavior of incubating eggs using geothermal heat in volcanic areas*

Knobbed hornbill (VU)

Sulawesi Hornbill (VU)

Snoring Rail (VU)⁶

Amphibians (1 species)

Katak-mini Sulawesi (VU)@GPL

Reptiles (2 species)

Sulawesi Forest Turtle (CR) – *a monotypic genus representing a unique evolutionary lineage*

Sulawesi Wolf Snake (VU)

【Near Threatened Species (NT)】

Mammals (5 species)

Lowland Sulawesi Rane Mouse

Sulawesi Warty Pig

Small Sulawesi Cuscus

Sulawesi Harpy Fruit Bat

Wallace's Stripe-faced Fruit Bat

Reptiles (1 species)

Sulawesi Keelback – *a species of snake*

⁶ Although the IUCN Red List website does not display a distribution map for this species, the following site indicates that it occurs within the logging concession area:

<https://datazone.birdlife.org/species/factsheet/snoring-rail-aramidopsis-plateni>