
Draft



Hypogeophis rostratus - (Cuvier, 1829)

ANIMALIA - CHORDATA - AMPHIBIA - GYMNOPTERON - CAECILIIDAE - Hypogeophis - rostratus

Common Names: No Common Names

Synonyms: No Synonyms

Red List Status

LC - Least Concern, (IUCN version 3.1)
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Red List Assessment

Assessment Information

Date of Assessment: 2012-10-31

Assessor(s): IUCN SSC Amphibian Specialist Group,

Contributor(s): Gerlach, J. & Nussbaum, R.

Facilitators/Compilers: Luedtke, J.

Regions: Global

Assessment Rationale

Listed as Least Concern despite a small estimated Extent of Occurrence of 238 km², it is common, adaptable, and does not appear to be in decline.

Reasons for Change

No change: Same category and criteria

Distribution

Geographic Range

This species occurs on ten islands in the Seychelles: Mahé, Silhouette, Praslin, La Digue, Félicité, Frégate, Sainte Anne, Cerf, Curieuse, and Grand Soeur. It ranges from sea level to the highest mountains. Using its range as a proxy, its Extent of Occurrence has been estimated at 238 km².

Extent of Occurrence (EOO)

Estimated extent of occurrence (EOO)- in km²: 238

Map Status

Map Status	Data Sensitive?	Justification	Geographic range this applies to:	Date restriction imposed:
Done	-	-	-	-

Biogeographic Realms

Biogeographic Realm: Afrotropical

Occurrence

Countries of Occurrence

Country	Presence	Origin	Formerly Bred	Seasonality
Seychelles	Extant	Native	-	Resident

Population

It is locally abundant.

Population Information

Current Population Trend: Unknown

Severely fragmented?	Justification
Unknown	-

Habitats and Ecology

It lives in pristine rainforest in the hills of the islands, but tolerates a degree of habitat disturbance. It has been found in human-disturbed habitats on the coastal plateaux such as rural gardens and plantations; it also lives in heavily degraded rainforest. It burrows in soil, leaf-litter, and trash piles. It breeds by larval development in streams and pools.

IUCN Habitats Classification Scheme

Habitat	Suitability	Major Importance?
1.6. Forest -> Forest - Subtropical/Tropical Moist Lowland	Suitable	-
1.9. Forest -> Forest - Subtropical/Tropical Moist Montane	Marginal	-
5.1. Wetlands (inland) -> Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls)	Suitable	-
5.7. Wetlands (inland) -> Wetlands (inland) - Permanent Freshwater Marshes/Pools (under 8ha)	Suitable	-
5.8. Wetlands (inland) -> Wetlands (inland) - Seasonal/Intermittent Freshwater Marshes/Pools (under 8ha)	Suitable	-
14.3. Artificial/Terrestrial -> Artificial/Terrestrial - Plantations	Suitable	-
14.4. Artificial/Terrestrial -> Artificial/Terrestrial - Rural Gardens	Suitable	-
14.6. Artificial/Terrestrial -> Artificial/Terrestrial - Subtropical/Tropical Heavily Degraded Former Forest	Suitable	-

Life History

Breeding Strategy

Does the species lay eggs?	Does the species give birth to live young
Yes	No

Does the species exhibit parthenogenesis
No

Does the species have a free-living larval stage?	Does the species require water for breeding?
Yes	Yes

Systems

System: Terrestrial, Freshwater

Use and Trade

General Use and Trade Information

Species not utilized: true

There are no records of the species being utilized.

Threats

Due to its adaptability to habitat disturbance, it is probably not affected by deforestation and is unlikely to be threatened.

Threats Classification Scheme

No past, ongoing, or future threats exist to this species. true

Conservation

It occurs in Morne Seychellois National Park, Praslin National Park, Curieuse National Park, and in the site of a conservation project on Silhouette. Further research is needed on the species' population status, natural history and threats; monitoring is required to establish population trends.

Conservation Actions In- Place

Occur in at least one PA Note	
Yes	Morne Seychellois National Park, Praslin National Park and Curieuse National Park

Research Needed

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