

## Biodiversity Record: Greenhouse frogs at Changi Beach

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**Subjects:** Greenhouse frog, *Eleutherodactylus planirostris* (Amphibia: Anura: Eleutherodactylidae).

**Subjects identified by:** Chen Xuanhe and Odelia Tam.

**Location, date and time:** Singapore Island, Changi Beach; 6 January 2026; around 1940 hrs.

**Habitat:** Sandy beach above the supralittoral zone (Fig. 1) with coastal creeping vegetation consisting of beach morning glory (*Ipomoea pes-caprae*) and adjacent decomposing plant matter

**Observers:** Chen Xuanhe and Odelia Tam.

**Observation:** Along a sandy stretch of about 100 m, at least twenty greenhouse frogs were observed. Many were on leaves of the beach morning glory (Fig. 2), but at least three frogs were on the sand (Fig. 3), approximately 13 m from the water's edge at low tide.



Fig. 1. Sandy beach where the frogs were observed. Fig. 2. Dorso-lateral view of a greenhouse frog of about 2 cm snout-vent length on a leaf. Fig. 3. Dorso-lateral view of a frog of about 2 cm snout-vent length on the sand.

**Remarks:** The greenhouse frog is a widespread alien species in Singapore (Figueroa et al., 2023) whose ecological impact is yet to be determined. The featured observation appears to represent the first record of this species in a beach habitat in Singapore. It suggests that these amphibians have some degree of tolerance for salt in the environment. In addition, it is possible that they are feeding on the amphipods (sand-hoppers) that are abundant in the habitat, but this has not been observed.

**Literature cited:**

Figueroa A, Low, MEY & Lim KKP (2023) Singapore's herpetofauna: updated and annotated checklist, history, conservation, and distribution. *Zootaxa*, 5287: 1–378.