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# Breeding system and pollination of *Gesneria pauciflora* (Gesneriaceae), a threatened Caribbean species

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## Highlights

- *Gesneria pauciflora* was pollinated by hummingbirds but visitation rate was low.
- Fruit and seed production in natural condition was low, indicating pollen limitation.
- Autogamy is a form of reproductive assurance by the erratic pollinator services.
- Breeding and pollination systems fit the ancestral pattern for insular gesneriads.
- Florivory was noticed (by native plume-moth), but its incidence seems to be small.

## Abstract

Knowledge of plant breeding systems may be critical to facilitate recovery of species considered at risk. *Gesneria pauciflora* is a threatened, rupicolous, and riverine species with

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