Coffea kimbozensis Bridson

Rubiaceae

Status global: Endemic (CR) Status local: Rare

This Critically Endangered shrub is known from 4 collections. It is rare as few specimens have been found despite extensive searches.

Striking identification features

- small orange fruits at base of leaf
- opposite leaves
- distinct stipule and domatia

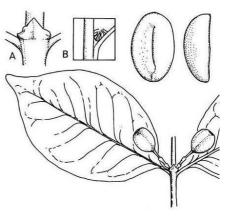


Description

Stature: a shrub. Size: 3-7 m tall. Bark: mid-brown.

Leaves: opposite, dark green, glossy and leathery (7.5-13.5 x 3.5-6.5 cm). Flower: not described but now photographed (left by C.J. Kilawe). Fruit: orange (up to 1.5 x 1 cm) at base of leaf.

Seed: immature seeds, olive green.



.(source: Bridson, 994) Note stipule (A) and domatium (B)

Status and distribution: Endemic to **Phenology**: Young fruits in February Kimboza with type specimen collected at 450m near the Kibungo Mission. Species assessed as Critically Endangered [B2ab(iii)].

Habitat requirements: Found in forest type composed of Milicia excelsa, Rhodognaphalon schumannianum and Terminalia sambesiaca as dominant on crystalline limestone outcrops. In 2020, during extensive searches, a few individuals have been located. They were found clumped in near pristine forest.

and April, and mature in July. Flowered in early September 2020. Reproduction: Bird-dispersed. Uses in East Africa: None are known.

Local uses: None are known.



Sources and further information

Botanical description: Bridson (1994) Herbarium specimen: Bidgood, S., Mwasumbi, L. & Vollesen, K. 1246 (K,BR,DSM,EA,MO,NHT,WAG) type, 1988-04-21, fr Rodgers et al. 2511 (DSM,K), 1983-07 Mwasumbi et al. 12393 (DSM,K) Mvungi 8 (DSM,EA,K,NHS), 2002-02-26 green fr Field record: Kilawe 2020-09-01, fl.

Bridson, D.M. (1994) Additional notes on Coffea (Rubiaceae) from Tropical East Africa. Kew Bull. 49, 331-342.