

# Kasewe Forest

## SIETIPA01

Country: Sierra Leone

Administrative region: Southern (Province)

Central co-ordinates: 8.31471 N, -12.26191 E

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### Qualifying IPA criteria

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### IPA assessment rationale

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### Site description

The Kasewe Forest is one of two known sites for *Coffea stenophylla* in Sierra Leone.

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### Botanical significance

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Population analysis has been conducted (Lebbie et al., Field Report [unpublished]).

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### Habitat and geology

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### Conservation issues

In field surveys, evidence of human disturbance stemming from farming activities, logging, charcoal burning and hunting were noted (Lebbie et al., 2023).

In Kasewe, charcoal making is still a major threat, as exploiters establish charcoal pits in sections of the forest that are considered little disturbed.

In Kasewe, charcoal making and farming activities are the two major threats to the species (Lebbie)

Not an established market for There is need for greater educational awareness at both locations, targeting charcoal burners and seedling collectors, in particular

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## IPA criterion A species

SPECIES	QUALIFYING SUB-CRITERION	≥ 1% OF GLOBAL POPULATION	≥ 5% OF NATIONAL POPULATION	1 OF 5 BEST SITES NATIONALLY	ENTIRE GLOBAL POPULATION	SOCIO-ECONOMICALLY IMPORTANT	ABUNDANCE AT SITE
<i>Coffea stenophylla</i> G.Don	A(i)	✓	✓	✓	–	✓	Abundant
<i>Dissotis leonensis</i> Hutch. & Dalziel	A(i)	✓	✓	✓	–	–	Unknown
<i>Guibourtia copallifera</i> Benn.	A(i)	✓	–	–	–	–	Unknown
<i>Azelia africana</i> Sm. ex Pers.	A(i)	✓	–	–	–	–	Unknown
<i>Didelotia afzelii</i> Taub.	A(i)	✓	✓	✓	–	–	Unknown
<i>Entandrophragma cylindricum</i> (Sprague) Sprague	A(i)	✓	✓	✓	–	–	Unknown
<i>Garcinia afzelii</i> Engl.	A(i)	✓	–	–	–	–	Unknown
<i>Garcinia kola</i> Heckel	A(i)	✓	✓	–	–	–	Unknown
<i>Khaya anthotheca</i> (Welw.) C.DC.	A(i)	✓	✓	✓	–	–	Unknown
<i>Terminalia ivorensis</i> A.Chev.	A(i)	✓	✓	✓	–	–	Unknown
<i>Nesogordonia papaverifera</i> (A.Chev.) Capuron ex N.Hallé	A(i)	✓	✓	✓	–	–	Unknown

## IPA criterion C qualifying habitats

HABITAT	QUALIFYING SUB-CRITERION	≥ 5% OF NATIONAL RESOURCE	≥ 10% OF NATIONAL RESOURCE	1 OF 5 BEST SITES NATIONALLY	AREAL COVERAGE AT SITE
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## General site habitats

GENERAL SITE HABITAT	PERCENT COVERAGE	IMPORTANCE
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## Land use types

## Threats

THREAT

SEVERITY

TIMING

## Bibliography

Johnny, J., Lebbie, A., Wadsworth, R. 2022. **Ethnobotanical survey of medicinal plants utilized by forest edge communities in southern Sierra Leone.** Journal of Medicinal Plants Research, Vol 16, page(s) 11-25

Goodenough, K. M., Jones, D., Ford, J. 2018. **Geological mapping of Sierra Leone: baseline assessment and next steps.**

Johnny, J., Lebbie, A., Wadsworth, R. 2022. **Seed dispersal of a range restricted and vulnerable species, Guibourtia copallifera Benn. in Sierra Leone.** African Journal of Plant Science, Vol 16(9), page(s) 242-249

Koroma, A H, Manasay, A; Sesay, A 2021. **Assessment of the Extent and Causes of Fuelwood Collection in the Surrounding Communities of Kasewe Reserved Forest, Sierra Leone.** Journal of Applied Science and Environmental Management, Vol 25(7)