



TIPA ASSESSEMENT: DIECKE CLASSIFIED FOREST, YOMOU PREFECTURE

ABSTRACT

Dièké Classified Forest is one of the largest intact areas of lowland forest remaining in Guinée Forestière. It has a high diversity of species including a number of threatened species especially timber trees.

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TIPAs Report: Diècké Classified Forest, Yomou Prefecture.

IPA criteria under which the site qualifies: A(i), B(i), C(iii)

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IPA ASSESSMENT RATIONALE

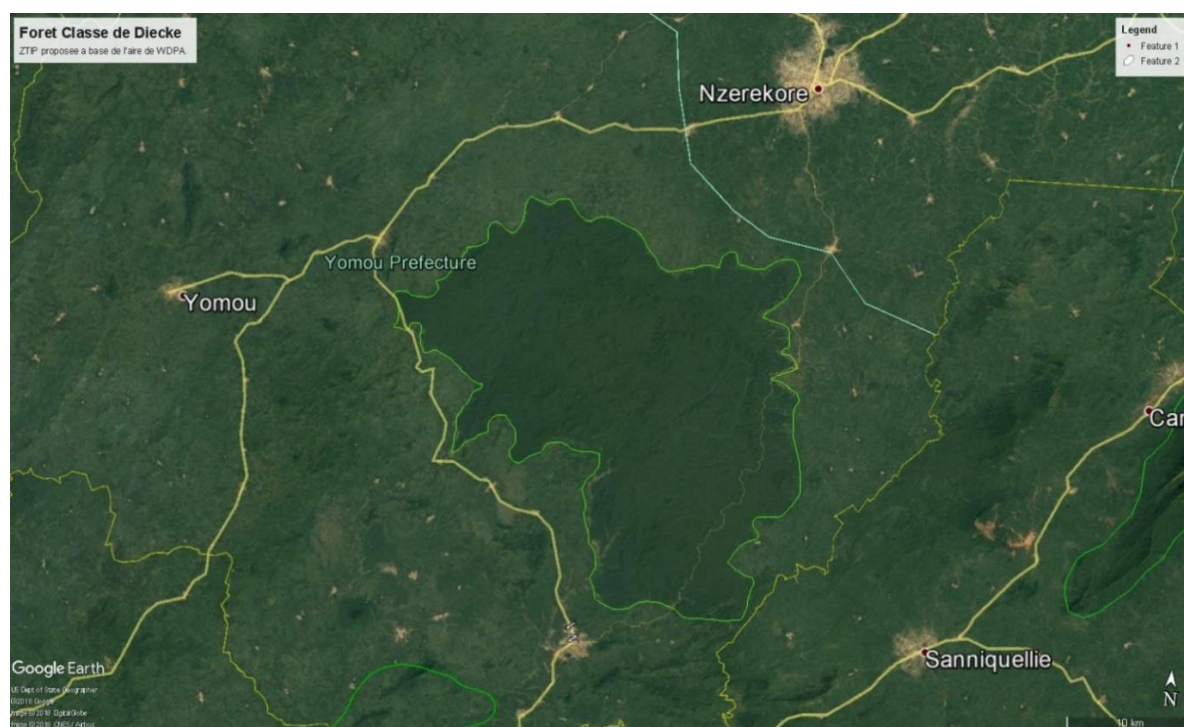
Dièké Classified Forest is one of the largest intact areas of lowland forest remaining in Guinée Forestière. It has a high diversity of species including a number of threatened species especially timber trees.

SITE OVERVIEW

Site Name: Diècké Classified Forest	
Country: Guinea	Administrative region: Yomou Prefecture
Central co-ordinates: 07° 12' 36'' N, 08° 56' 43'' W	Area (km ²): 640 km ²
Altitude minimum: 300 m	Altitude maximum: 550 m

SITE DESCRIPTION

Lowland evergreen forest situated in the south east of Guinée Forestière in Yomou prefecture, close to the border of Liberia. This is a Classified Forest which has been previously logged in certain areas leaving an open canopy, but the majority of the site is still relatively intact forest with an open understory. The forest is bordered by villages and cultivation has encroached on some of the boundaries. The Forest was classified in 1945.



Extract from Google Earth showing the proposed TIPA site.

BOTANICAL SIGNIFICANCE

Diécké is the largest surviving near pristine lowland evergreen forest area in Guinée-Forestière. It has many rivers running through it and has a high diversity of plant species including some of threatened species e.g. *Allophylus samouritourei*. Large girth trees of forestry species are still present forming a dense canopy.

GENERAL HABITAT AND GEOLOGY DESCRIPTION

The area is gently undulating with hills reaching 550m, with forested slopes and riverine forest in the valleys. It sits on the late Archean period Mani series of biotite gneiss with localised magnetite. It is part of the Leonean-Liberian crystalline massif.

CONSERVATION ISSUES

Part of the classified forest of Diécké was exploited by the FORÊT FORTE Company between 2003-2004, but fortunately this company did not do much damage from the point of view abusive cut of wood, only one notices the terracing of the trees for the access road to the gear at that time, which caused the presence of invasive species in the forest.

Areas in the river valleys (Bas-fonds) have been authorized for rice cultivation in recent years, which has led to the encroachment of fields in the surrounding area. The areas closest to Kéréma, Ouéta, Kilikpala, Nonah and Gboimou are threatened by encroachment of the fields and the illegal hunting by the neighboring populations. Towards the East in the zone of Yonsono, Guêpa and Diécké, hunting dominates and so the forest has remained intact. Eco-guards are present, but they are not always patrolling the forest.

PROTECTED AREA STATUS AND MANAGEMENT

The forest of Diécké was classified in 1945. The TIPA corresponds with the protected area.

THREATS

- Agriculture: Encroachment of fields on the edge of the protected area and rice cultivation in the floodplains.
- Forestry: In the past, there is no current activity.

THREAT LEVEL: **Medium**

Criterion A: Threatened Species

Criterion A taxon present	IPA subcriterion	IUCN redlist assessment	Site contains...			For KBA compatibility: Site contains...		Species is of socio-economic importance	*Abundance at site
			≥ 1% of global population	≥ 5% of national population	Is 1 of 5 best sites nationally	≥ 10% of global population	Entire global population (single-site endemic)		
[Genus, species, Author, [infra rank, infra name, infra Author]]	[A(x)]	[category and criteria]	○	○	○	○	○		
<i>Allophylus samouritourei</i> Cheek	A(i)	EN	⊙	⊙	⊙	⊙			Infrequent
<i>Cassia fikifiki</i> Aubrév. & Pellegr.	A(i)	EN		⊙	⊙				Scarce
<i>Cola attiensis</i> Aubrév. & Pellegr.	A(i)	EN			⊙				Unknown
<i>Neolemonniera clitandrifolia</i> A.Chev.	A(i)	EN		⊙	⊙				Infrequent
<i>Tieghemella heckelii</i> (A.Chev.) Pierre ex Dubard	A(i)	EN			⊙				Infrequent
<i>Albizia ferruginea</i> (Guill. & Perr.) Benth.	A(i)	VU			⊙				Infrequent
<i>Amanoa bracteosa</i> Planch.	A(i)	VU			⊙				Unknown
<i>Cryptosepalum tetraphyllum</i> (Hook.f.) Benth.	A(i)	VU			⊙				Abundant
<i>Drypetes afzelii</i> (Pax) Hutch.	A(i)	VU			⊙				Infrequent
<i>Entandrophragma candollei</i> Harms	A(i)	VU			⊙				Infrequent
<i>Entandrophragma cylindricum</i> (Sprague) Sprague	A(i)	VU			⊙				Infrequent

<i>Entandrophragma utile</i> (Dawe&Sprague) Sprague	A(i)	VU			⊙				Infrequent
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<i>Garcinia afzelii</i> Engl.	A(i)	VU							Infrequent
<i>Garcinia epunctata</i> Stapf	A(i)	VU							Unknown
<i>Guarea cedrata</i> (A.Chev.) Pellegr.	A(i)	VU			⊙				Infrequent
<i>Guibourtia ehie</i> (A.Chev.) J.Léonard	A(i)	VU			⊙				Infrequent
<i>Khaya anthotheca</i> C.DC.	A(i)	VU			⊙				Infrequent
<i>Khaya grandifoliola</i> C.DC.	A(i)	VU			⊙				Infrequent
<i>Khaya ivorensis</i> A.Chev.	A(i)	VU			⊙				Infrequent
<i>Lophira alata</i> Banks ex Gaertn.f.	A(i)	VU			⊙				Abundant
<i>Lovoa trichilioides</i> Harms	A(i)	VU			⊙				Scarce
<i>Nauclea diderrichii</i> (De Wild. &T.Durand) Merrill	A(i)	VU			⊙				Abundant
<i>Pericopsis elata</i> (Harms) Meeuwen	A(i)	VU			⊙				Unknown
<i>Terminalia ivorensis</i> A.Chev.	A(i)	VU			⊙				Infrequent
<i>Uapaca chevalieri</i> Beille	A(i)	VU ?			⊙				Scarce

Associated look-up tables: Abundance (Abundant, Common, Frequent, Infrequent, Scarce, Unknown).

Criterion B: Botanical Richness

B(i) exceptional botanical richness within a defined habitat		B(ii): exceptional species of conservation importance - sites (from national list)			exceptionally valuable nationally	number of useful species (from agreed list)
*Habitat code and name	Site is part of the top 10% of the national resource	Site is one of the 5 best sites nationally for that habitat	Site contains ≥ 3% of the species on the national list	Site is one of the 15 richest locations nationally	Sites ≥ 5 in the list	Site is one of the 15 richest locations nationally
Lowland evergreen forest	○	○	○	○	○	○
	○	○				

*Criterion B taxon present [select from taxon look-up table]	Sub-criterion under which species qualifies [populated automatically from taxon look up table]	For B(i) – indicator of habitat [habitat name and code populated automatically brought across from look-up table (b)]	*Abundance at site
[Genus, species, Author, [infra rank, infra name, infra Author]]	B(x) [could be more than one]		
<i>Azelia parviflora</i> (Vahl) Hepper	B(i)	Lowland evergreen forest	Infrequent
<i>Albizia ferruginea</i> (Guill. & Perr.) Benth.	B(i)	Lowland evergreen forest	Scarce
<i>Cassia fikifiki</i> Aubrév. & Pellegr.	B(i)	Lowland evergreen forest	Scarce
<i>Chidlowia sanguinea</i> Hoyle	B(i)	Lowland evergreen forest	Abundant
<i>Copaifera salikounda</i> Heckel	B(i)	Lowland evergreen forest	Infrequent
<i>Cryptosepalum tetraphyllum</i> (Hook.f.) Benth.	B(i)	Lowland evergreen forest	Abundant
<i>Daniellia thurifera</i> Bennett	B(i)	Lowland evergreen forest	Infrequent
<i>Drypetes afzelii</i> (Pax) Hutch.	B(i)	Lowland evergreen forest	Infrequent
<i>Drypetes inaequalis</i> Hutch.	B(i)	Lowland evergreen forest	Abundant
<i>Garcinia afzelii</i> Engl.	B(i)	Lowland evergreen forest	Infrequent
<i>Garcinia epunctata</i> Stapf	B(i)	Lowland evergreen forest	Unknown
<i>Garcinia kola</i> Heckel	B(i)	Lowland evergreen forest	Infrequent
<i>Guibourtia ehie</i> (A.Chev.) J.Léonard	B(i)	Lowland evergreen forest	Infrequent
<i>Guibourtia leonensis</i> J Léonard	B(i)	Lowland evergreen forest	Infrequent
<i>Newtonia aubrevillei</i> (Pellegr.) Keay	B(i)	Lowland evergreen forest	Abundant
<i>Newtonia duparquetianna</i> (Baill.) Keay	B(i)	Lowland evergreen forest	Infrequent

<i>Omphalocarpum pachysteloides</i> Mildbr. ex Hutch. & Dalziel	B(i)	Lowland evergreen forest	Unknown
<i>Pericopsis elata</i> (Harms) Meeuwen	B(i)	Lowland evergreen forest	Unknown
<i>Sclerochiton vogelii</i> (Nees) T. Anders.	B(i)	Lowland evergreen forest	Scarce
<i>Tessmannia baikiaeooides</i> Hutch. & Dalziel	B(i)	Lowland evergreen forest	Infrequent
<i>Tetrapleura chevalieri</i> (Harms) Baker.f	B(i)	Lowland evergreen forest	Infrequent
<i>Xylia evansii</i> Hutch.	B(i)	Lowland evergreen forest	Abundant
<i>Heritiera utilis</i>	B(i)	Lowland evergreen forest	Abundant
<i>Landolphia micrantha</i>	B(i)	Lowland evergreen forest	Scarce
<i>Landolphia membranacea</i>	B(i)	Lowland evergreen forest	Scarce
<i>Coffea humilis</i>	B(i)	Lowland evergreen forest	Abundant
<i>Anopyxis klaineanna</i>	B(i)	Lowland evergreen forest	Abundant

Associated look-up tables: Abundance (Abundant, Common, Frequent, Infrequent, Scarce, Unknown).

Criterion C: Threatened Habitat

*Habitat type	IPA subcriterion (automatically populated from habitat look-up table)	IUCN redlist assessment (string automatically populated from look up table)	Site contains...		For KBA compatibility: Site contains...			Estimated area at site (if known)
			≥ 5% of national resource (for C(i) and C(ii))	≥ 10% of national resource (for C(iii))	For CR and EN habitats: ≥ 5% of global resource	For VU habitats: ≥ 10% of global resource	For range restricted habitat: ≥ 20% of global resource	
Lowland evergreen forest	C(iii)		○	⊙	○	○	○	600 Km ²

Bibliography

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Site in pictures



Interior of the Diécké Classified Forest



Tetrapleura chevalieri (Harms) Baker.f



Illegal tree cutting for agriculture.