

SUPPLEMENTARY MATERIALS

1- Plants used in the treatment of malaria in Dibbi locality

Family	Plant name	Local name (fufuldé)	Part use	Growth form	Mode of preparation	Number of respondents	Other diseases treated
Asteraceae	<i>Bidens pilosa</i> Linn. Var. Radita	Nyakamre	leaves	Herb	Maceration	5	Hypertension, Typhoid
Asteraceae	<i>Erigeron floribundus</i> (Kunth) Sch.Bip.	Guéné hadhi	leaves	Herb	Maceration	2	Typhoid
Verbenaceae	<i>Lantana camara</i> L.	/	leaves	shrub	Decoction	5	Typhoid
Amaranthaceae	<i>Achyranthes aspera</i> L.	Saille doho	leaves	herb	Maceration/ Decoction	2	Nerve sickness
Meliaceae	<i>Azadirachta indica</i> A. Juss	Gagne	leaves, fruit	tree	Decoction	15	Yellow fever, AIDS, abdominal pains, hepatitis
Caesalpiaceae	<i>Tamarindus indica</i>	Djabbe	leaves, bark	tree	Decoction	12	Filariasis
Caesalpiaceae	<i>Senna occidentalis</i> L.	Kaccu-kaccunga	leaves, seed	shrub	Decoction	10	Typhoid, yellow fever, abdominal pains, hepatitis
Rubiaceae	<i>Spermacoce stachydea</i> de C.	/	leaves, root	herb	Decoction	2	Analgesic
Liliaceae	<i>Aloe vera</i> (L.) Burm.F.	/	leaves	herb	Maceration	2	Helminthiasis, dermatosis, typhoid
Caricaceae	<i>Carica papaya</i> L.	Dukudjee	leaves, root	tree	Maceration/ Decoction	10	Typhoid, tooth decay
Myrtaceae	<i>Eucalyptus sp</i>	/	leaves, bark	tree	Decoction	8	Typhoid

2- Behavioural observations of acute toxicity study with *Erigeron floribundus* and *Azadirachta indica*

Dose (mg/kg)	Time of observation					
	0 - 30 min	1/2 - 2 h	2 - 4 h	4 - 24 h	24 - 48 h	2 - 14 j
(A) Mice treated with HEEF						
Control	sleep	RAS	RAS	RAS	RAS	RAS
2000	sleep	sleep	sleep	RAS	RAS	RAS
5000	sleep	sleep	sleep	RAS	RAS	RAS
(B) Mice treated with HEAI						
Control	sleep	RAS	RAS	RAS	RAS	RAS
2000	sleep	sleep	RAS	RAS	RAS	RAS
5000	sleep	sleep	RAS	RAS	RAS	RAS

RAS = Nothing to report

HEAI : hydroethanolic extracts of *Azadirachta indica*; HEEF : hydroethanolic extracts of *Erigeron floribundus*