

AMBIO

Electronic Supplementary Material

This supplementary material has not been peer reviewed.

Title: **Isolated *Ficus* trees deliver dual conservation and development benefits in a rural landscape**

Table S1. A list of the non-*Ficus* focal trees included in this study, from Assam, India. The number of individual trees analysed per species is recorded in the second column.

Species	Number studied
<i>Adenanthera pavonina</i> L.	1
<i>Albizia lucidior</i> (Steud.) I.C.Nielsen	1
<i>Albizia procera</i> (Roxb.) Benth.	4
<i>Albizia saman</i> (Jacq.) Merr.	11
<i>Alstonia scholaris</i> (L.) R.Br.	6
<i>Artocarpus heterophyllus</i> Lam.	6
<i>Artocarpus lakoocha</i> Roxb.	7
<i>Bombax ceiba</i> L.	2
<i>Carallia brachiata</i> (Lour.) Merr.	1
<i>Cassia fistula</i> L.	7
<i>Dillenia indica</i> L.	3
<i>Dysoxylum binectariferum</i> Hook f. ex. Bedd.	2
<i>Gmelina arborea</i> Roxb.	6
<i>Heliotropium indicum</i> L.	1
<i>Lagerstroemia speciosa</i> (L.) Pers.	4
<i>Litsea monopetala</i> (Roxb.) Pers.	1
<i>Magnolia mannii</i> (King) Figlar	2
<i>Mangifera indica</i> L.	12
<i>Mesua ferrea</i> L.	1
<i>Murraya koenigii</i> (L.) Spreng.	1

<i>Neolamarckia cadamba</i> (Roxb.) Bosser	3
<i>Pongamia pinnata</i> (L.) Pierre	5
<i>Premna bengalensis</i> C.B. Clarke	3
<i>Spondias mombin</i> L.	1
<i>Spondias pinnata</i> (L.f.) Kurz	2
<i>Syzygium cumini</i> (L.) Skeels	5
<i>Tetrameles nudiflora</i> R.Br.	3
<i>Toona ciliata</i> M.Roem.	3

Table S2. Taxonomic list of plants recorded under the focal trees in Assam, India, and their published human uses. A tick denotes an important human use. Abbreviations for mature growth form are: BT=big tree; ST=small tree; S=shrub; V=vine; F=forb. A threshold of 20 m height at maturity was used to differentiate big trees from small trees. In two cases the scientific name of the plant could not be determined, but its local human use was still recorded.

Scientific name	Family	Growth form	Timber	Low-quality wood	Firewood	Human food	Animal fodder	Medicinal
<i>Spondias mombin</i> L.	Anacardiaceae	BT	✓	✗	✓	✓	✗	✗
<i>Spondias pinnata</i> (L.f.) Kurz	Anacardiaceae	BT	✗	✗	✗	✗	✗	✓
<i>Mangifera indica</i> L.	Anacardiaceae	BT	✗	✓	✓	✓	✓	✓
<i>Annona squamosa</i> L.	Annonaceae	ST	✗	✗	✗	✓	✓	✗
<i>Artabotrys hexapetalus</i> (L.f.) Bhandari	Annonaceae	S	✗	✗	✗	✗	✗	✗
<i>Alstonia scholaris</i> (L.) R.Br.	Apocynaceae	BT	✗	✓	✓	✗	✗	✓
<i>Holarrhena pubescens</i> (Buch.-Ham.) Wall. ex G. Don	Apocynaceae	F	✗	✗	✗	✗	✗	✓
<i>Asparagus racemosus</i> Willd.	Asparagaceae	F	✗	✗	✗	✓	✗	✓

<i>Oroxylum indicum</i> (L.) Kurz	Bignoniaceae	ST	×	×	×	×	×	✓
<i>Cordia fragrantissima</i> Kurz	Boraginaceae	ST	✓	×	✓	×	×	×
<i>Canarium bengalense</i> Roxb.	Burseraceae	ST	×	×	×	×	×	×
<i>Senna tora</i> (L.) Roxb.	Caesalpiniaceae	F	×	×	×	×	×	✓
<i>Senna alata</i> (L.) Roxb.	Caesalpiniaceae	F	×	×	×	×	×	×
<i>Senna sophera</i> (L.) Roxb.	Caesalpiniaceae	F	×	×	×	×	×	✓
<i>Cassia fistula</i> L.	Caesalpiniaceae	ST	✓	×	✓	✓	✓	✓
<i>Caesalpinia cucullata</i> Roxb.	Caesalpiniaceae	V	×	×	×	×	×	✓
<i>Cannabis sativa</i> L.	Cannabinaceae	F	×	×	×	×	×	✓
<i>Carica papaya</i> L.	Caricaceae	ST	×	×	✓	✓	✓	×
<i>Terminalia catappa</i> L.	Combretaceae	BT	✓	×	✓	×	✓	✓
<i>Tagetes erecta</i> L.	Compositae (<i>nom. alt.</i> Asteraeae)	F	×	×	×	×	×	✓
<i>Dillenia indica</i> L.	Dilleniaceae	ST	✓	✓	✓	✓	✓	✓
<i>Shorea robusta</i> Gaertn.	Dipterocarpaceae	BT	✓	×	✓	×	×	✓
<i>Vatica lanceaefolia</i> Bl.	Dipterocarpaceae	F	✓	✓	×	×	×	×
<i>Macaranga indica</i> Wight	Elaeocarpaceae	ST	×	×	×	×	×	✓
<i>Elaeocarpus floribundus</i> Blume	Elaeocarpaceae	ST	×	×	×	✓	✓	×
<i>Mallotus albus</i> (Roxb. ex Jack) Müll. Arg.	Euphorbiaceae	ST	×	×	×	×	×	✓
<i>Jatropha curcas</i> L.	Euphorbiaceae	S	×	×	×	×	×	✓
<i>Exacum tetragonum</i> Roxb.	Gentianaceae	F	×	×	×	×	×	✓
<i>Premna bengalensis</i> C.B.Clarke	Lamiaceae	BT	×	×	×	✓	×	✓
<i>Gmelina arborea</i> Roxb.	Lamiaceae	BT	✓	×	✓	✓	✓	✓
<i>Callicarpa arborea</i> Roxb.	Lamiaceae	ST	×	×	×	✓	✓	✓
<i>Clerodendrum infortunatum</i> L.	Lamiaceae	S	×	×	×	×	×	✓
<i>Vitex negundo</i> L.	Lamiaceae	S	×	×	×	×	×	✓

<i>Ocimum basilicum</i> L.	Lamiaceae	F	×	×	×	✓	✓	✓
<i>Litsea monopetala</i> (Roxb.) Pers.	Lauraceae	ST	×	✓	✓	×	✓	✓
<i>Phoebe goalparensis</i> Hutch.	Lauraceae	ST	✓	×	×	×	×	×
<i>Lagerstroemia speciosa</i> (L.) Pers.	Lythraceae	BT	✓	×	×	×	×	✓
<i>Magnolia mannii</i> (King) Figlar	Magnoliaceae	ST	✓	×	✓	✓	×	×
<i>Magnolia griffithii</i> Hook.f. & Thomson	Magnoliaceae	ST	✓	×	✓	×	×	×
<i>Magnolia champaca</i> (L.) Baill. ex Pierre	Magnoliaceae	BT	✓	×	✓	×	×	✓
<i>Hibiscus rosa-sinensis</i> L.	Malvaceae	S	×	×	×	×	×	✓
<i>Heliotropium indicum</i> L.	Malvaceae	F	×	×	×	×	×	✓
<i>Bombax ceiba</i> L.	Malvaceae	BT	×	✓	✓	×	×	✓
<i>Urena lobata</i> L.	Malvaceae	S	×	×	×	×	×	✓
<i>Melastoma malabathricum</i> L.	Melastomaceae	S	×	×	×	×	×	×
<i>Dysoxylum binectariferum</i> Hook f. ex. Bedd.	Meliaceae	BT	✓	✓	✓	×	×	×
<i>Toona ciliata</i> M.Roem.	Meliaceae	BT	✓	×	×	×	×	×
<i>Albizia procera</i> (Roxb.) Benth.	Mimosaceae	BT	✓	×	✓	×	×	×
<i>Albizia lucidior</i> (Steud.) I.C.Nielsen	Mimosaceae	ST	✓	×	✓	×	×	×
<i>Albizia saman</i> (Jacq.) Merr.	Mimosaceae	BT	×	✓	✓	×	×	×
<i>Parkia timoriana</i> (DC.) Merr.	Mimosaceae	BT	×	✓	✓	×	×	×
<i>Artocarpus lakoocha</i> Roxb.	Moraceae	BT	✓	✓	✓	✓	✓	×
<i>Artocarpus heterophyllus</i> Lam.	Moraceae	ST	✓	✓	✓	✓	✓	✓
<i>Ficus racemosa</i> L.	Moraceae	BT	×	×	×	✓	✓	✓
<i>Ficus religiosa</i> L.	Moraceae	BT	×	✓	✓	×	✓	✓

<i>Ficus microcarpa</i> L.	Moraceae	BT	x	x	x	x	✓	✓
<i>Ficus benghalensis</i> L.	Moraceae	BT	x	x	x	x	✓	✓
<i>Morus alba</i> L.	Moraceae	ST	x	x	✓	✓	✓	✓
<i>Syzygium cumini</i> (L.) Skeels	Myrtaceae	BT	✓	x	✓	✓	x	✓
<i>Psidium guajava</i> L.	Myrtaceae	ST	x	x	✓	✓	✓	✓
<i>Nymphaea nouchali</i> Burm.f.	Nymphaeaceae	F	x	x	x	x	x	x
<i>Nyctanthes arbor-tristis</i> L.	Oleaceae	S	x	x	x	✓	✓	✓
<i>Pongamia pinnata</i> (L.) Pierre	Papilionaceae	ST	x	x	✓	x	x	✓
<i>Glycyrrhiza glabra</i> L.	Papilionaceae	F	x	x	x	✓	x	✓
<i>Passiflora foetida</i> L.	Passifloraceae	V	x	x	x	✓	✓	x
<i>Baccaurea ramiflora</i> Lour.	Phyllanthaceae	BT	x	x	x	✓	✓	x
<i>Carallia brachiata</i> (Lour.) Merr.	Rhizophoraceae	ST	✓	x	✓	✓	✓	✓
<i>Prunus armeniaca</i> L.	Rosaceae	ST	x	x	x	✓	✓	x
<i>Prunus domestica</i> L.	Rosaceae	ST	x	x	x	✓	✓	x
<i>Psilanthus bengalensis</i> (Roxb. ex Schult.) J.-F.Leroy	Rubiaceae	S	x	x	x	✓	x	✓
<i>Coffea arabica</i> L.	Rubiaceae	S	x	x	x	✓	x	✓
<i>Neolamarckia cadamba</i> (Roxb.) Bosser	Rubiaceae	BT	✓	✓	x	x	x	x
<i>Catunaregam spinosa</i> (Thunb.) Tirveng.	Rubiaceae	S	x	x	x	x	x	x
<i>Murraya koenigii</i> (L.) Spreng.	Rutaceae	ST	x	✓	✓	✓	x	✓
<i>Citrus medica</i> L.	Rutaceae	ST	x	x	x	✓	x	✓
<i>Citrus reticulata</i> Blanco	Rutaceae	ST	x	x	x	✓	✓	x
<i>Citrus maxima</i> (Burm.) Osbeck	Rutaceae	ST	x	x	✓	✓	✓	✓
<i>Flacourtia jangomas</i> (Lour.) Raeusch.	Salicaceae	ST	✓	x	✓	✓	✓	✓
<i>Salix tetrasperma</i> Roxb.	Salicaceae	ST	✓	x	✓	x	x	x

<i>Santalum album</i> L.	Santalaceae	ST	✓	×	×	×	×	×	✓
<i>Solanum torvum</i> Sw.	Solanaceae	F	×	×	×	✓	×	×	✓
<i>Solanum melongena</i> L.	Solanaceae	F	×	×	×	✓	✓	✓	
<i>Datura stramonium</i> L.	Solanaceae	F	×	×	×	×	×	×	✓
<i>Tetrameles nudiflora</i> R. Br.	Tetramelaceae	BT	×	✓	✓	×	×	×	
<i>Camellia sinensis</i> (L.) Kuntze	Theaceae	S	×	×	×	✓	×	×	
<i>Pyrenaria barringtoniaefolia</i> Seem.	Theaceae	S	×	×	✓	✓	✓	×	
<i>Aquilaria malaccensis</i> Lam.	Tymelaeaceae	BT	✓	×	×	×	×	×	✓
Unknown	Unknown	-	×	×	×	✓	×	×	
<i>Lantana camara</i> L.	Verbenaceae	V	×	×	×	×	×	×	✓
Unknown	Verbenaceae	-	×	×	×	×	×	×	
<i>Leea indica</i> (Burm. f.) Merr.	Vitaceae	S	×	×	×	×	×	×	✓
