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Supplementary Materials

Assessment of Plant Diversity on A Seasonal Tropical Wetland Forest Ecosystem

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Table S1. Composition and coefficient of conservatism (CC) of tree species in Ratargul Swamp Forest.

Local name	Scientific name	Family	CC
Koroch	*Pongamia pinnata*	Fabaceae	10
Hijal	*Barringtonia acutangulata*	Lythraceae	9
Painyajam	*Syzygium formosanum*	Myrtaceae	7
Jarul	*Lagerstroemia speciosa*	Lythraceae	4
Sheora	*Strebulus asper*	Rutaceae	3
Dewa	*Artocarpus lacucha*	Moraceae	3
Pitali	*Trewia nudiflora*	Euphorbiaceae	2
Kadam	*Anthocephalus chinensis*	Rubiaceae	3
Boilam	*Anisoptera scaphula*	Dipterocarpaceae	4
Raintree	*Albizia saman*	Fabaceae	0
Boroi	*Zizyphus mauritiana*	Rhamnacae	1
Bot	*Ficus Benghalensis*	Moraceae	1
Borun	*Crataeva nurvala*	Capparidaceae	8
Akashmoni	*Acacia auriculiformes*	Leguminosae	0
Kalojam	*Syzygium cumini*	Myrtaceae	2
Arjun	*Terminalia arjuna*	Compretaceae	2
Kalauja	*Cordia dicotoma*	Boraginaceae	0
Deshi-gab	*Diospyros peregrina*	Ebenaceae	3
Aam	*Mangifera indica*	Anacardiaceae	1

Table S2. Composition and coefficient of conservatism (CC) of shrubs, herbs, climbers and grasses in Ratargul Swamp Forest.

Local name	Scientific name	Family	CC
Murta	*Clinogyne dicotoma*	Marantaceae	10
Kakkhu	*Malastoma malabathricum*	Melastomataceae	5
Asam pata	*Eupatorium odoratum*	Compositae	0
Ochondi	*Ageratum conyzoides*	Asteraceae	4
Marsh Fern	*Thelypteris palustris*	Thelypteridaceae	0
Miswak	*Salvadora persica*	Salvadoracea	0
Kakra	*Glochidion lanceolarium*	Euphorbiaceae	0
Romna ghas	*Axonopus compressus*	Poaceae	2
Dholkallami	*Ipomoea fistulosa*	Convolvulaceae	2
Satamuli	*Asparagus Racemosus*	Liliaceae	0
Bishkatali	*Polygonum viscosum*	Polygonaceae	0
Nirbishi	*Cyperus tenuispica*	Cyperaceae	4
Nal	*Phragmites Kakra*	Poaceae	3
Khagra	*Sccharum spontanium*	Poaceae	6
Kuksima	*Vernonia cinerea*	Asterceae	3
Kusum	*Schleichera oleosa*	Sapindaceae	4
Cane	*Calamus guruba*	Arecaceae	8
Joom-alu	*Dioscoria pentaphylla*	Dioscoreaceae	2
Jhinge lota	*Luffa acutangula*	Cucurbitaceae	1
Anontomul	*Hemidesmus indicus*	Asclepiadaceae	4
Kumari lota	*Smilax macrophylla*	Smilacaceae	0
Hortoki lota	*Smilax roxburghiana*	Smilacaceae	3
Jarman lota	*Mikania scandens*	Asteraceae	3
Thankuni	*Centella asiatica*	Apiaceae	3
Morchi	*Abutilon hybrydum*	Malvaceae	3
Bamboo	*Bambusa vulgaris*	Poaceae	3
Durba Grass	*Cynodon dactylon*	Gramineae	0
Kolmi Grass	*Ipomoea aquatica*	Convolvulaceae	2
Binna	*Vetiveria zizanioides*	Poaceae	0

Table S3. Coefficient of conservatism (CC) ranking criteria

C – value	Criteria
0	Obligate to ruderal areas
1	Occurs more frequently in ruderal areas than natural areas
2	Facultative to ruderal and natural areas
3	Occurs less frequent in ruderal areas than natural areas
4	Occurs much more frequently in natural areas than ruderal areas
5	Obligate to natural areas (quality of area is low)
6	Weak affinity to high-quality natural areas
7	Moderate affinity to high-quality natural areas
8	High affinity to high-quality natural areas
9	Very high affinity to high-quality natural areas
10	Obligate to high-quality natural areas