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Srivari Illam, No. 61, Karthik Nagar, 10th Street, Saravanampatti, Coimbatore, Tamil Nadu 641035, India
Registered Office: 3A2 Varadarajulu Nagar, FCI Road, Ganapathy, Coimbatore, Tamil Nadu 641006, India
Ph: +91 9385339863 | www.threatenedtaxa.org
Email: sanjay@threatenedtaxa.org

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Cover: *Minervarya cepfi* & *Nyctibatrachus petraeus*—mix media. © P Kritika

INTRODUCTION

Ahilyanagar (formerly known as Ahmednagar) is a district located in the state of Maharashtra, India. It is located in the north-central part of the state. The district covers an area of around 17,048 km², making it one of the largest districts in Maharashtra. It has a varied landscape and vegetation, influenced by the semi-arid climate, geography, and seasonal rainfall. The region is characterized by a mix of dry deciduous forests, grasslands, and cultivated land. It experiences a semi-arid climate, with hot summers, a moderate monsoon, and mild winters. The average rainfall in the region ranges from 450–800 mm annually, primarily during the monsoon season (June–September). The dry conditions influence the type of vegetation found in the area.

With increasing urbanisation, there is an expansion of infrastructure, buildings, and roads. This has a significant impact on the environment, including vegetation. It also leads to the loss of natural habitats, resulting in the decline of native vegetation and the destruction of wildlife habitats. Increased pollution levels also have a negative effect on plant health. This leads to changes in plant phenology. Urbanisation has profound and often negative impacts on vegetation, but these impacts can be mitigated through thoughtful planning and conservation strategies. Efforts to preserve natural habitats, promote biodiversity, and reduce pollution can help protect and restore vegetation in urban areas. In recent years, studies focusing on urban ecology have developed rapidly (Celesti 2006). Many researchers have studied the flora of college campuses (Sanyal & Chattopadhyay 2014; Nerlekar et al. 2016; Khan et al. 2019; Dar 2020; Kadam et al. 2020; Naik 2020). Aher (2015) studied the floristic diversity of Parner Tahsil in Ahilyanagar. It was reported that there were 410 taxa belonging to 295 genera and 91 families, which indicates the rich biodiversity of the Tahsil. The flora of the Radhabai Kale Mahila Mahavidyalaya campus has not been documented so far. Such documentation is essential for understanding the plant diversity of this urban green space and for providing baseline information for future ecological studies and conservation.

In cities, urban green spaces are of great importance because of the multiple ecosystem services they provide (Nehru et al. 2012). Radhabai Kale Mahila Mahavidyalaya (RKMM) is one such green space located in Ahilyanagar City. Therefore, the present study was undertaken to document the plant species occurring on the campus, assess their taxonomic diversity, record their native/non-native status and uses, and provide baseline

information for future documentation and conservation of the college campus flora.

MATERIAL AND METHODS

Study site

Radhabai Kale Mahila Mahavidyalaya is a private urban-based government-aided educational institution established in 1989. The college is located in the city of Ahilyanagar, Maharashtra, India (19.104° N, 74.741° E) and is spread over 6.866 ac of land (Image 1).

Data collection

Frequent visits and surveys were undertaken in different seasons from January 2024–December 2024. The entire college campus, including the botanical garden, was surveyed and studied to record the different plant species. Plants were photographed with the help of a Vivo V21e 5G mobile phone (Images 3,4). The specimens were also collected to prepare herbarium specimens representing different families. These specimens are deposited in the herbarium of the Department of Botany, RKMM. Plants were identified using pertinent literature, viz., Cooke (1958); Pradhan & Singh (1999). Ornamental plants were identified using Bailey (1924). Nomenclature of the species was confirmed using online databases such as International Plant Names Index (IPNI), Plants of the World Online (POWO), and Tropicos.org. The angiosperm families in the present study have been arranged according to APG IV (2016). The genera and species are arranged alphabetically. A total of 325 species with their accepted names are listed in Table 1.

RESULT AND DISCUSSIONS

During the present study, a total of 325 species, including five infraspecific taxa belonging to 255 genera and 81 families, have been recorded. In the clade monocots, the families Asparagaceae Juss. and Poaceae Barnhart are dominant. Families such as Fabaceae Lindl., Asteraceae Bercht. & J. Presl, Euphorbiaceae Juss. and Apocynaceae Juss. are dominant in the clade Eudicots. Fabaceae is the dominant family with 24 species, followed by Asteraceae Bercht. & J. Presl (22), Euphorbiaceae Juss. (19), Apocynaceae Juss. (18), Asparagaceae Juss. (15) and Poaceae Barnhart (14) (Image 2).

As part of this total flora, non-angiosperm groups of plants such as pteridophytes and gymnosperms



Image 1. Satellite image of Radhabai Kale Mahila Mahavidyalaya, Ahilyanagar.

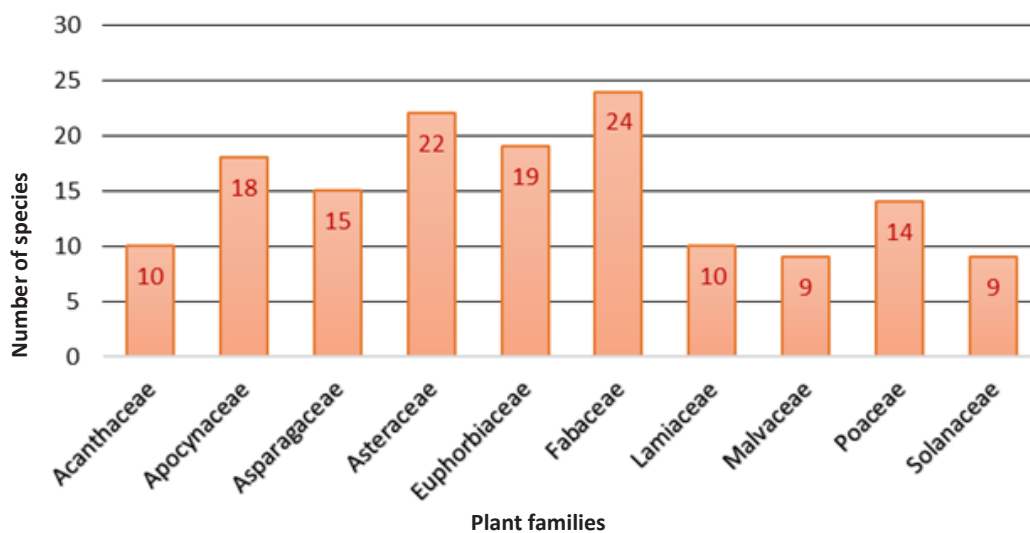


Image 2. Bar graph showing dominant families with their number of species.

were also recorded from the campus. Eight species of gymnosperms belonging to seven genera and four families were recorded. Three species of pteridophytes belonging to three genera and two families were

recorded.

Out of the total 325 species recorded, 142 species were native to India, whereas 183 species were non-native (POWO). Most of the plants recorded during the

Table 1. Checklist of RKMM campus flora of Ahilyanagar, Maharashtra.

	Botanical name	Native/ Non-native	Uses
A.	Pteridophytes		
	Pteridaceae E.D.M. Kirchn.		
1	<i>Adiantum capillus-veneris</i> L.	Native	Ornamental
2	<i>Pteris vittata</i> L.	Native	Ornamental
	Salviniaceae Martinov		
3	<i>Salvinia molesta</i> D.Mitch.	Non-native	Ornamental
B.	Gymnospermae		
	Araucariaceae Henkel & W.Hochst.		
4	<i>Araucaria columnaris</i> (G.Forst.) Hook.	Non-native	Ornamental
	Cycadaceae Pers.		
5	<i>Cycas circinalis</i> L.	Native	Ornamental
6	<i>Cycas rumphii</i> Miq.	Non-native	Ornamental
	Cupressaceae Gray		
7	<i>Cupressus</i> sp.	Non-native	Ornamental
8	<i>Juniperus chinensis</i> L.	Non-native	Ornamental
9	<i>Platycladus orientalis</i> (L.) Franco	Non-native	Ornamental
	Zamiaceae Horan.		
10	<i>Dioon spinulosum</i> Dyer ex Eichl.	Non-native	Ornamental
11	<i>Zamia furfuracea</i> L.f. ex Aiton	Non-native	Ornamental
C.	Angiosperms		
	Nymphaeaceae Salisb.		
12	<i>Nymphaea nouchali</i> Burm.f.	Native	Ornamental
13	<i>Nymphaea pubescens</i> Willd.	Native	Ornamental
	Piperaceae Giseke		
14	<i>Piper betle</i> L.	Non-native	Medicinal
	Magnoliaceae Juss.		
15	<i>Magnolia champaca</i> (L.) Baill. ex Pierre	Native	Ornamental
	Annonaceae Juss.		
16	<i>Annona reticulata</i> L.	Non-native	Planted for its edible fruits
17	<i>Annona squamosa</i> L.	Non-native	Planted for its edible fruits
18	<i>Artabotrys hexapetalus</i> (L.f.) Bhandari	Native	Ornamental
19	<i>Monoon longifolium</i> (Sonn.) B.Xue & R.M.K.Saunders	Native	Avenue tree
	Araceae Juss.		
20	<i>Caladium bicolor</i> (Aiton) Vent.	Non-native	Ornamental
21	<i>Dieffenbachia seguine</i> (Jacq.) Schott	Non-native	Ornamental
22	<i>Epipremnum aureum</i> (Linden & André) G.S.Bunting	Non-native	Ornamental
23	<i>Sauromatum venosum</i> (Aiton) Kunth	Native	Ornamental
24	<i>Syngonium podophyllum</i> Schott.	Non-native	Ornamental

	Botanical name	Native/ Non-native	Uses
25	<i>Zamioculcas zamiifolia</i> (G.Lodd.) Engl.	Non-native	Ornamental
	Hydrocharitaceae Juss.		
26	<i>Hydrilla verticillata</i> (L.f.) Royle	Native	Phytoremediation
	Dioscoreaceae R.Br.		
27	<i>Dioscorea alata</i> L.	Native	Medicinal
28	<i>Dioscorea bulbifera</i> L.	Native	Medicinal
	Orchidaceae Juss.		
29	<i>Aerides maculosa</i> Lindl.	Native	Ornamental
30	<i>Crepidium resupinatum</i> (G.Forst.) Szlach.	Non-native	Ornamental
31	<i>Cymbidium aloifolium</i> (L.) Sw.	Native	Ornamental
	Asphodelaceae Juss.		
32	<i>Aloe vera</i> (L.) Burm.f.	Non-native	Medicinal
33	<i>Haworthiopsis attenuata</i> var. <i>radula</i> (Jacq.) G.D.Rowley	Non-native	Ornamental
	Amaryllidaceae J.St.-Hil.		
34	<i>Allium sativum</i> L.	Non-native	Medicinal
35	<i>Crinum asiaticum</i> L.	Native	Ornamental
36	<i>Hymenocallis caribaea</i> (L.) Herb.	Non-native	Ornamental
37	<i>Hymenocallis caroliniana</i> (L.) Herb.	Non-native	Ornamental
38	<i>Pancratium maritimum</i> L.	Non-native	Ornamental
39	<i>Scadoxus multiflorus</i> (Martyn) Raf.	Non-native	Ornamental
40	<i>Zephyranthes candida</i> Herb.	Non-native	Ornamental
41	<i>Zephyranthes carinata</i> Herb.	Non-native	Ornamental
42	<i>Zephyranthes citrina</i> Baker	Non-native	Ornamental
	Asparagaceae Juss.		
43	<i>Agave americana</i> L.	Non-native	Ornamental
44	<i>Agave amica</i> (Medik.) Thiede & Govaerts	Non-native	Ornamental
45	<i>Asparagus adscendens</i> Roxb.	Native	Ornamental
46	<i>Asparagus densiflorus</i> (Kunth) Jessop	Non-native	Ornamental
47	<i>Asparagus gonocladus</i> Baker	Native	Ornamental
48	<i>Asparagus setaceus</i> (Kunth) Jessop	Non-native	Ornamental
49	<i>Chlorophytum comosum</i> (Thunb.) Jacques	Non-native	Ornamental
50	<i>Cordyline fruticosa</i> (L.) A.Chev.	Non-native	Ornamental
51	<i>Dracaena angolensis</i> (Welw. ex Carrière) Byng & Christenh.	Non-native	Ornamental
52	<i>Dracaena angustifolia</i> (Medik.) Roxb.	Non-native	Ornamental
53	<i>Dracaena fragrans</i> (L.) Ker Gawl.	Non-native	Ornamental
54	<i>Dracaena reflexa</i> Lam.	Non-native	Ornamental

	Botanical name	Native/ Non-native	Uses
55	<i>Dracaena reflexa</i> var. <i>angustifolia</i> Baker	Non-native	Ornamental
56	<i>Dracaena trifasciata</i> (Prain) Mabb.	Non-native	Ornamental
57	<i>Furcraea foetida</i> (L.) Haw.	Non-native	Ornamental
Arecaceae Bercht. & J.Presl			
58	<i>Areca catechu</i> L.	Non-native	Planted for its edible fruits
59	<i>Caryota urens</i> L.	Native	Ornamental
60	<i>Chrysalidocarpus lutescens</i> H.Wendl.	Non-native	Ornamental
61	<i>Cocos nucifera</i> L.	Non-native	Planted for its edible fruits
62	<i>Hyophorbe lagenicaulis</i> (L.H.Bailey) H.E.Moore	Non-native	Ornamental
63	<i>Phoenix sylvestris</i> (L.) Roxb.	Native	Ornamental
64	<i>Roystonea regia</i> (Kunth) O.F.Cook	Non-native	Ornamental
65	<i>Wodyetia bifurcata</i> A.K.Irvine	Non-native	Ornamental
Commelinaceae Mirb.			
66	<i>Callisia repens</i> (Jacq.) L.	Non-native	Ornamental
67	<i>Commelina benghalensis</i> L.	Native	Forage
68	<i>Cyanotis fasciculata</i> (B.Heyne ex Roth) Schult. & Schult.f.	Native	Medicinal
69	<i>Tradescantia pallida</i> (Rose) D.R.Hunt	Non-native	Ornamental
70	<i>Tradescantia spathacea</i> Sw.	Non-native	Ornamental
Pontederiaceae Kunth			
71	<i>Pontederia crassipes</i> Mart.	Non-native	Phytoremediation
Heliconiaceae Vines			
72	<i>Heliconia rostrata</i> Ruiz & Pav.	Non-native	Ornamental
Musaceae Juss.			
73	<i>Musa paradisiaca</i> L.	Non-native	Planted for its edible fruits
Cannaceae Juss.			
74	<i>Canna generalis</i> L.H.Bailey	Non-native	Ornamental
Zingiberaceae Martinov			
75	<i>Curcuma longa</i> L.	Native	Medicinal
Cyperaceae Juss.			
76	<i>Cyperus alternifolius</i> L.	Non-native	Ornamental
77	<i>Cyperus dubius</i> Rottb.	Native	Forage
78	<i>Cyperus rotundus</i> L.	Native	Medicinal
79	<i>Fimbristylis ferruginea</i> (L.) Vahl	Native	Fibre-yielding
Poaceae Barnhart			
80	<i>Cenchrus pedicellatus</i> (Trin.) Morrone	Native	Fodder
81	<i>Chloris barbata</i> Sw.	Native	Medicinal
82	<i>Coix lacryma-jobi</i> L.	Native	Ornamental
83	<i>Cymbopogon citratus</i> (DC.) Stapf	Native	Medicinal
84	<i>Cynodon dactylon</i> (L.) Pers.	Native	Medicinal

	Botanical name	Native/ Non-native	Uses
85	<i>Dactyloctenium aegyptium</i> (L.) Willd.	Native	Forage
86	<i>Dendrocalamus strictus</i> (Roxb.) Nees	Native	Timber-yielding
87	<i>Digitaria ciliaris</i> (Retz.) Koeler	Native	Forage
88	<i>Dinebra retroflexa</i> (Vahl) Panz.	Native	Forage
89	<i>Echinochloa colona</i> (L.) Link.	Native	Fodder
90	<i>Eleusine indica</i> (L.) Gaertn.	Native	Forage
91	<i>Eragrostis gangetica</i> (Roxb.) Steud.	Native	Forage
92	<i>Eragrostis viscosa</i> (Retz.) Trin.	Native	Forage
93	<i>Setaria intermedia</i> Roem. & Schult	Native	Fodder
Papaveraceae Juss.			
94	<i>Argemone mexicana</i> L.	Non-native	Medicinal
Menispermaceae Juss.			
95	<i>Tinospora cordifolia</i> (Willd.) Hook.f. & Thomson	Native	Medicinal
Proteaceae Juss.			
96	<i>Grevillea robusta</i> A.Cunn. ex R.Br.	Non-native	Ornamental
Crassulaceae J.St.-Hil.			
97	<i>Crassula ovata</i> (Mill.) Druce	Non-native	Ornamental
98	<i>Kalanchoe pinnata</i> (Lam.) Pers.	Non-native	Ornamental
Vitaceae Juss.			
99	<i>Cissus quadrangularis</i> (L.) Wall. ex Wight	Native	Medicinal
100	<i>Cissus rotundifolia</i> Lam.	Non-native	Medicinal
Zygophyllaceae R.Br.			
101	<i>Tribulus terrestris</i> L.	Native	Medicinal
Fabaceae Lindl.			
102	<i>Abrus precatorius</i> L.	Native	Ornamental
103	<i>Acacia auriculiformis</i> A.Cunn. ex Benth	Non-native	Ornamental
104	<i>Bauhinia purpurea</i> L.	Native	Ornamental
105	<i>Bouffordia dichotoma</i> (Willd.) H.Ohashi & K.Ohashi	Native	Forage
106	<i>Caesalpinia pulcherrima</i> (L.) Sw.	Non-native	Ornamental
107	<i>Cassia fistula</i> L.	Native	Ornamental
108	<i>Clitoria ternatea</i> L.	Non-native	Ornamental
109	<i>Crotalaria hebecarpa</i> (DC.) Rudd	Native	Medicinal
110	<i>Crotalaria juncea</i> L.	Native	Ornamental
111	<i>Dalbergia sissoo</i> Roxb. ex DC.	Native	Ornamental
112	<i>Delonix regia</i> (Bojer ex Hook.) Raf.	Non-native	Ornamental
113	<i>Indigofera cordifolia</i> B. Heyne ex Roth	Native	Forage
114	<i>Lysiloma latisiliquum</i> (L.) Benth.	Non-native	Ornamental
115	<i>Mimosa pudica</i> L.	Non-native	Ornamental

	Botanical name	Native/ Non-native	Uses
116	<i>Pithecellobium dulce</i> (Roxb.) Benth.	Non-native	Ornamental
117	<i>Prosopis cineraria</i> (L.) Druce	Native	Ornamental
118	<i>Rhynchosia minima</i> (L.) DC.	Native	Fodder
119	<i>Samanea saman</i> (Jacq.) Merr.	Non-native	Ornamental
120	<i>Senegalia megaladena</i> (Desv.) Maslin, Seigler & Ebinger	Native	Insecticidal
121	<i>Senna siamea</i> (Lam.) H.S.Irwin & Barneby	Non-native	Ornamental
122	<i>Senna tora</i> (L.) Roxb.	Non-native	Medicinal
123	<i>Senna uniflora</i> (Mill.) H.S.Irwin & Barneby	Non-native	Medicinal
124	<i>Tamarindus indica</i> L.	Non-native	Planted for its edible fruits
125	<i>Vigna dalzelliana</i> (Kuntze) Verdc.	Native	Forage
Rosaceae Juss.			
126	<i>Rosa indica</i> L.	Non-native	Ornamental
Rhamnaceae Juss.			
127	<i>Ziziphus mauritiana</i> Lam.	Native	Planted for its edible fruits
Moraceae Gaudich.			
128	<i>Ficus benghalensis</i> L.	Native	Ornamental
129	<i>Ficus carica</i> L.	Non-native	Planted for its edible fruits
130	<i>Ficus holosericea</i> Schott	Non-native	Ornamental
131	<i>Ficus racemosa</i> L.	Native	Ornamental
132	<i>Ficus religiosa</i> L.	Native	Ornamental
Casuarinaceae R.Br.			
133	<i>Casuarina equisetifolia</i> L.	Native	Ornamental
Cucurbitaceae Juss.			
134	<i>Cucumis maderaspatanus</i> L.	Native	Vegetable
135	<i>Cucumis melo</i> L.	Native	Planted for its edible fruits
136	<i>Lagenaria siceraria</i> (Molina) Standl.	Non-native	Vegetable
137	<i>Momordica charantia</i> L.	Native	Vegetable
Oxalidaceae R.Br.			
138	<i>Oxalis corniculata</i> L.	Native	Medicinal
Putranjivaceae Meisn.			
139	<i>Putranjiva roxburghii</i> Wall.	Native	Ornamental
Malpighiaceae Juss.			
140	<i>Galphimia gracilis</i> Bartl.	Non-native	Ornamental
Passifloraceae Juss. ex Roussel			
141	<i>Passiflora foetida</i> L.	Non-native	Ornamental
Euphorbiaceae Juss.			
142	<i>Acalypha indica</i> L.	Native	Medicinal
143	<i>Acalypha wilkesiana</i> Müll. Arg.	Non-native	Ornamental
144	<i>Codiaeum variegatum</i> (L.) Rumph. ex A.Juss.	Non-native	Ornamental
145	<i>Croton bonplandianus</i> Baill.	Non-native	Ornamental

	Botanical name	Native/ Non-native	Uses
146	<i>Euphorbia cyathophora</i> Murray	Non-native	Ornamental
147	<i>Euphorbia heterophylla</i> L.	Non-native	Medicinal
148	<i>Euphorbia heyneana</i> Spreng.	Native	Medicinal
149	<i>Euphorbia hirta</i> L.	Non-native	Medicinal
150	<i>Euphorbia lactea</i> Haw.	Non-native	Ornamental
151	<i>Euphorbia milii</i> Des Moul.	Non-native	Ornamental
152	<i>Euphorbia pulcherrima</i> Willd. ex Klotzsch	Non-native	Ornamental
153	<i>Euphorbia tirucalli</i> L.	Non-native	Ornamental
154	<i>Euphorbia tithymaloides</i> L.	Non-native	Ornamental
155	<i>Euphorbia umbellata</i> (Pax) Bruyns	Non-native	Ornamental
156	<i>Jatropha curcas</i> L.	Non-native	Ornamental
157	<i>Jatropha gossypifolia</i> L.	Non-native	Medicinal
158	<i>Jatropha integerrima</i> Jacq.	Non-native	Ornamental
159	<i>Jatropha podagrica</i> Hook.	Non-native	Ornamental
160	<i>Ricinus communis</i> L.	Non-native	Oil-yielding
Phyllanthaceae Martinov			
161	<i>Phyllanthus acidus</i> (L.) Skeels	Non-native	Planted for its edible fruits
162	<i>Phyllanthus amarus</i> Schumach. & Thonn.	Non-native	Medicinal
163	<i>Phyllanthus emblica</i> L.	Native	Planted for its edible fruits
Combretaceae R.Br.			
164	<i>Combretum indicum</i> (L.) De Filippis	Native	Ornamental
165	<i>Terminalia arjuna</i> (Roxb. ex DC.) Wight & Arn.	Native	Medicinal
166	<i>Terminalia bellirica</i> (Gaertn.) Roxb.	Native	Medicinal
167	<i>Terminalia chebula</i> Retz.	Native	Medicinal
Lythraceae J.St.-Hil.			
168	<i>Cuphea hyssopifolia</i> Kunth	Non-native	Ornamental
169	<i>Lawsonia inermis</i> L.	Native	Dye-yielding
170	<i>Punica granatum</i> L.	Non-native	Planted for its edible fruits
Myrtaceae Juss.			
171	<i>Eucalyptus globulus</i> Labill.	Non-native	Avenue tree
172	<i>Melaleuca citrina</i> (Curtis) Dum. Cours.	Non-native	Ornamental
173	<i>Psidium guajava</i> L.	Non-native	Planted for its edible fruits
174	<i>Syzygium cumini</i> (L.) Skeels	Native	Planted for its edible fruits
Anacardiaceae R.Br.			
175	<i>Mangifera indica</i> L.	Native	Planted for its edible fruits
Sapindaceae Juss.			
176	<i>Cardiospermum halicacabum</i> L.	Native	Medicinal
177	<i>Sapindus trifoliatus</i> L.	Native	Medicinal
Rutaceae Juss.			
178	<i>Aegle marmelos</i> (L.) Corrêa	Native	Medicinal

	Botanical name	Native/ Non-native	Uses
179	<i>Bergera koenigii</i> L.	Native	Edible
180	<i>Citrus × limon</i> (L.) Osbeck	Non-native	Edible
181	<i>Limonia acidissima</i> L.	Native	Edible
182	<i>Ruta graveolens</i> L.	Non-native	Medicinal
Meliaceae Juss.			
183	<i>Azadirachta indica</i> A.Juss.	Native	Medicinal
Muntingiaceae C.Bayer et al.			
184	<i>Muntingia calabura</i> L.	Non-native	Edible
Malvaceae Juss.			
185	<i>Abutilon bidentatum</i> (Hochst.) A. Rich.	Native	Medicinal
186	<i>Ceiba pentandra</i> (L.) Gaertn.	Non-native	Fibre-yielding
187	<i>Corchorus olitorius</i> L.	Native	Fibre-yielding
188	<i>Dombeya burgessiae</i> Gerrard ex Harv.	Non-native	Ornamental
189	<i>Hibiscus × rosa-sinensis</i> L.	Non-native	Ornamental
190	<i>Hibiscus × rosa-sinensis</i> L. 'Red Dragon'	Non-native	Ornamental
191	<i>Hibiscus sabdariffa</i> L.	Non-native	Ornamental
192	<i>Malvastrum coromandelianum</i> (L.) Garcke	Non-native	Medicinal
193	<i>Sida angustifolia</i> Mill.	Native	Medicinal
Moringaceae Martinov			
194	<i>Moringa oleifera</i> Lam.	Native	Vegetable
Caricaceae Dumort.			
195	<i>Carica papaya</i> L.	Non-native	Planted for its edible fruits
Brassicaceae Burnett			
196	<i>Brassica juncea</i> (L.) Czern.	Non-native	Oil-yielding
Santalaceae R.Br.			
197	<i>Santalum album</i> L.	Non-native	Medicinal
Plumbaginaceae Juss.			
198	<i>Plumbago zeylanica</i> L.	Native	Ornamental
Amaranthaceae Juss.			
199	<i>Achyranthes aspera</i> L.	Native	Medicinal
200	<i>Alternanthera ficoidea</i> (L.) P.Beauv.	Non-native	Medicinal
201	<i>Alternanthera pungens</i> Kunth	Non-native	Medicinal
202	<i>Amaranthus viridis</i> L.	Non-native	Vegetable
203	<i>Digera muricata</i> (L.) Mart.	Native	Medicinal
204	<i>Gomphrena globosa</i> L.	Non-native	Ornamental
205	<i>Spinacia oleracea</i> L.	Non-native	Vegetable
Aizoaceae Martinov			
206	<i>Trianthema portulacastrum</i> L.	Native	Medicinal
Nyctaginaceae Juss.			
207	<i>Boerhavia erecta</i> L.	Non-native	Medicinal
208	<i>Boerhavia diffusa</i> L.	Native	Medicinal
209	<i>Bougainvillea spectabilis</i> Willd.	Non-native	Ornamental

	Botanical name	Native/ Non-native	Uses
210	<i>Mirabilis jalapa</i> L.	Non-native	Ornamental
Molluginaceae Bartl.			
211	<i>Glinis lotoides</i> L.	Native	Medicinal
Basellaceae Raf.			
212	<i>Basella alba</i> L.	Native	Ornamental
Portulacaceae Juss.			
213	<i>Portulaca grandiflora</i> Hook.	Non-native	Ornamental
214	<i>Portulaca oleracea</i> L.	Non-native	Ornamental
215	<i>Portulaca umbraticola</i> Kunth.	Non-native	Ornamental
Cactaceae Juss.			
216	<i>Cereus spegazzinii</i> F.A.C.Weber	Non-native	Ornamental
217	<i>Epiphyllum oxypetalum</i> (DC.) Haw.	Non-native	Ornamental
218	<i>Nyctocereus serpentinus</i> (Lag. & Rodr.) Britton & Rose	Non-native	Ornamental
219	<i>Opuntia elatior</i> Mill.	Non-native	Ornamental
220	<i>Opuntia microdasys</i> (Lehm.) Pfeiff.	Non-native	Ornamental
Lecythidaceae A.Rich.			
221	<i>Couroupita guianensis</i> Aubl.	Non-native	Ornamental
Sapotaceae Juss.			
222	<i>Manilkara zapota</i> (L.) P.Royen	Non-native	Planted for its edible fruits
223	<i>Mimusops elengi</i> L.	Native	Ornamental
Rubiaceae Juss.			
224	<i>Gardenia jasminoides</i> J.Ellis	Non-native	Ornamental
225	<i>Hamelia patens</i> Jacq.	Non-native	Ornamental
226	<i>Ixora coccinea</i> L.	Native	Ornamental
227	<i>Mussaenda erythrophylla</i> Schumacher & Thonn.	Non-native	Ornamental
228	<i>Neolamarckia cadamba</i> (Roxb.) Bosser	Native	Ornamental
229	<i>Oldenlandia corymbosa</i> L.	Native	Medicinal
230	<i>Pentas lanceolata</i> (Forssk.) Deflers	Non-native	Ornamental
Apocynaceae Juss.			
231	<i>Adenium obesum</i> (Forssk.) Roem. & Schult.	Non-native	Ornamental
232	<i>Allamanda blanchetii</i> A.DC.	Non-native	Ornamental
233	<i>Allamanda cathartica</i> L.	Non-native	Ornamental
234	<i>Alstonia scholaris</i> (L.) R.Br.	Native	Ornamental
235	<i>Asclepias curassavica</i> L.	Non-native	Ornamental
236	<i>Calotropis procera</i> (Aiton) W.T.Aiton	Native	Medicinal
237	<i>Carissa macrocarpa</i> (Eckl.) A.DC.	Non-native	Planted for its edible fruits
238	<i>Cascabela thevetia</i> (L.) Lippold	Non-native	Ornamental
239	<i>Catharanthus roseus</i> (L.) G.Don	Non-native	Ornamental
240	<i>Cryptostegia grandiflora</i> Roxb. ex R.Br.	Non-native	Ornamental
241	<i>Nerium oleander</i> L.	Native	Ornamental

	Botanical name	Native/ Non-native	Uses
242	<i>Pentstemon capensis</i> (L.f.) Bullock	Native	Ornamental
243	<i>Pergularia daemia</i> (Forssk.) Chiov.	Native	Ornamental
244	<i>Plumeria alba</i> L.	Non-native	Ornamental
245	<i>Plumeria pudica</i> Jacq.	Non-native	Ornamental
246	<i>Plumeria rubra</i> L.	Non-native	Ornamental
247	<i>Rauvolfia tetraphylla</i> L.	Non-native	Medicinal
248	<i>Tabernaemontana divaricata</i> (L.) R.Br. ex Roem. & Schult.	Native	Ornamental
Boraginaceae Juss.			
249	<i>Cordia sinensis</i> Lam.	Native	Medicinal
250	<i>Euploca ovalifolia</i> (Forssk.) Diane & Hilger	Native	Medicinal
251	<i>Trichodesma inaequale</i> Edgew.	Native	Medicinal
252	<i>Trichodesma zeylanicum</i> (Burm.f.) R.Br.	Native	Medicinal
Convolvulaceae Juss.			
253	<i>Evolvulus alsinoides</i> (L.) L.	Native	Ornamental
254	<i>Ipomoea nil</i> (L.) Roth	Non-native	Ornamental
255	<i>Ipomoea obscura</i> (L.) Ker Gawl.	Native	Ornamental
256	<i>Ipomoea triloba</i> L.	Non-native	Ornamental
257	<i>Rivea wightiana</i> R.R.Mill	Native	Ornamental
Solanaceae Juss.			
258	<i>Capsicum annuum</i> L.	Non-native	Vegetable
259	<i>Cestrum nocturnum</i> L.	Non-native	Ornamental
260	<i>Petunia atkinsiana</i> (Sweet) D.Don ex W.H.Baxter	Non-native	Ornamental
261	<i>Solanum americanum</i> Mill.	Non-native	Medicinal
262	<i>Solanum diphyllum</i> L.	Non-native	Medicinal
263	<i>Solanum lycopersicum</i> L.	Non-native	Vegetable
264	<i>Solanum melongena</i> L.	Native	Vegetable
265	<i>Solanum tuberosum</i> L.	Non-native	Vegetable
266	<i>Withania somnifera</i> (L.) Dunal	Native	Medicinal
Oleaceae Hoffmanns. & Link			
267	<i>Jasminum laurifolium</i> var. <i>laurifolium</i> Roxb. ex Hornem.	Native	Ornamental
268	<i>Jasminum officinale</i> L.	Non-native	Ornamental
269	<i>Jasminum sambac</i> (L.) Aiton	Native	Ornamental
270	<i>Nyctanthes arbor-tristis</i> L.	Native	Ornamental
Plantaginaceae Juss.			
271	<i>Angelonia salicariifolia</i> Bonpl.	Non-native	Ornamental
Scrophulariaceae Juss.			
272	<i>Leucophyllum frutescens</i> (Berland.) I.M.Johnst.	Non-native	Ornamental
273	<i>Verbascum coromandelianum</i> (Vahl) Hub.-Mor.	Native	Medicinal

	Botanical name	Native/ Non-native	Uses
Acanthaceae Juss.			
274	<i>Asystasia gangetica</i> (L.) T.Anderson	Native	Ornamental
275	<i>Barleria cristata</i> L.	Native	Ornamental
276	<i>Barleria cuspidata</i> F.Heyne ex Nees	Native	Ornamental
277	<i>Barleria prionitis</i> L.	Native	Ornamental
278	<i>Crossandra infundibuliformis</i> (L.) Nees	Native	Ornamental
279	<i>Justicia adhatoda</i> L.	Native	Medicinal
280	<i>Justicia brandegeana</i> Wassh. & L.B.Sm.	Non-native	Ornamental
281	<i>Pseuderanthemum maculatum</i> (G.Lodd.) I.M.Turner	Non-native	Ornamental
282	<i>Rostellularia diffusa</i> (Willd.) Nees	Native	Medicinal
283	<i>Ruellia tuberosa</i> L.	Non-native	Ornamental
Bignoniaceae Juss.			
284	<i>Dolichandra unguis-cati</i> (L.) L.G.Lohmann	Non-native	Ornamental
285	<i>Jacaranda mimosifolia</i> D.Don	Non-native	Ornamental
286	<i>Spathodea campanulata</i> P.Beauv.	Non-native	Ornamental
287	<i>Tecoma stans</i> (L.) Juss. ex Kunth	Non-native	Ornamental
288	<i>Tecomaria capensis</i> (Thunb.) Spach	Non-native	Ornamental
Verbenaceae J.St.Hil.			
289	<i>Duranta erecta</i> L.	Non-native	Ornamental
290	<i>Lantana camara</i> L.	Non-native	Medicinal
291	<i>Phyla nodiflora</i> (L.) Greene	Native	Ornamental
292	<i>Verbena tenera</i> Spreng.	Non-native	Ornamental
Lamiaceae Martinov			
293	<i>Callicarpa tomentosa</i> (L.) L.	Native	Ornamental
294	<i>Clerodendrum thomsoniae</i> Balf.f.	Non-native	Ornamental
295	<i>Coleus scutellarioides</i> (L.) Benth.	Non-native	Ornamental
296	<i>Gmelina arborea</i> Roxb. ex Sm.	Native	Ornamental
297	<i>Mentha arvensis</i> L.	Native	Medicinal
298	<i>Mesosphaerum suaveolens</i> (L.) Kuntze	Non-native	Medicinal
299	<i>Ocimum basilicum</i> L.	Native	Medicinal
300	<i>Ocimum tenuiflorum</i> L.	Native	Medicinal
301	<i>Tectona grandis</i> L.f.	Native	Timber-yielding
302	<i>Vitex leucoxylon</i> L.f.	Native	Medicinal
Asteraceae Bercht. & J.Presl			
303	<i>Ageratum conyzoides</i> L.	Non-native	Medicinal
304	<i>Bidens biternata</i> (Lour.) Merr. & Sherff	Native	Medicinal
305	<i>Blumea axillaris</i> (Lam.) Dc.	Native	Medicinal
306	<i>Blumea obliqua</i> (L.) Druce	Native	Medicinal
307	<i>Blumea sinuata</i> (Lour.) Merr.	Native	Medicinal

	Botanical name	Native/ Non-native	Uses
308	<i>Blumea virens</i> DC.	Native	Medicinal
309	<i>Calyptocarpus vialis</i> Less.	Non-native	Cover crop
310	<i>Chrysanthemum indicum</i> L.	Non-native	Ornamental
311	<i>Crossostephium chinense</i> (L.) Makino	Non-native	Ornamental
312	<i>Cyanthillium cinereum</i> (L.) H. Rob.	Native	Medicinal
313	<i>Eclipta prostrata</i> (L.) L.	Non-native	Medicinal
314	<i>Erigeron bonariensis</i> L.	Non-native	Medicinal
315	<i>Helianthus annuus</i> L.	Non-native	Ornamental
316	<i>Jacobaea maritima</i> (L.) Pels & Meijden	Non-native	Ornamental
317	<i>Kleinia grandiflora</i> (DC.) N. Rani	Native	Ornamental

	Botanical name	Native/ Non-native	Uses
318	<i>Launaea procumbens</i> (Roxb.) Ramayya & Rajagopal	Native	Medicinal
319	<i>Parthenium hysterophorus</i> L.	Non-native	Herbicidal
320	<i>Pseudoconyza viscosa</i> (Mill.) D'Arcy	Native	Medicinal
321	<i>Sonchus brachyotus</i> DC.	Native	Medicinal
322	<i>Sphagneticola trilobata</i> (L.) Pruski	Non-native	Ornamental
323	<i>Tithonia rotundifolia</i> (Mill.) S.F. Blake	Non-native	Ornamental
324	<i>Tridax procumbens</i> L.	Non-native	Medicinal
Araliaceae Juss.			
325	<i>Polyscias balfouriana</i> (Andre) L.H. Bailey	Non-native	Ornamental

investigation are planted with a view of landscaping and academic purposes. The recorded plants show a wide range of utility; they include ornamental, medicinal, and edible species. In addition to the cultivated species, 76 species of weeds were also recorded during the present study. The college harbours a wide range of angiosperms, which adds to the green space of the city. The botanical garden contributes to the green cover of the college.

CONCLUSION

This study records 325 species of flowering plants within the college campus which highlights the noteworthy floristic diversity existing in this semi-urban environment. Such species richness highlights the role of a college campus as a repository of regional biodiversity. Furthermore, the recorded plant diversity provides a baseline for future ecological monitoring, enabling assessments of floristic changes in response to anthropogenic pressures and climatic variability. Other than its ecological significance, the campus flora serves as a living laboratory for the students of life sciences. This provides an opportunity for education, interdisciplinary research, and creating an awareness regarding the environment among the students. Thus, this study highlights the necessity of preserving plant diversity as an integral component of urban biodiversity conservation policy.

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Image 3. a—*Nymphaea nouchali* Burm.f. | b—*Nymphaea pubescens* Willd. | c—*Magnolia champaca* (L.) Baill. ex Pierre | d—*Artabotrys hexapetalus* (L.f.) Bhandari | e—*Cymbidium aloifolium* (L.) Sw. | f—*Commelina benghalensis* L. | g—*Abrus precatorius* L. | h—*Bauhinia purpurea* L. | i—*Rhynchosia minima* (L.) DC. © Bhagwat M.G.

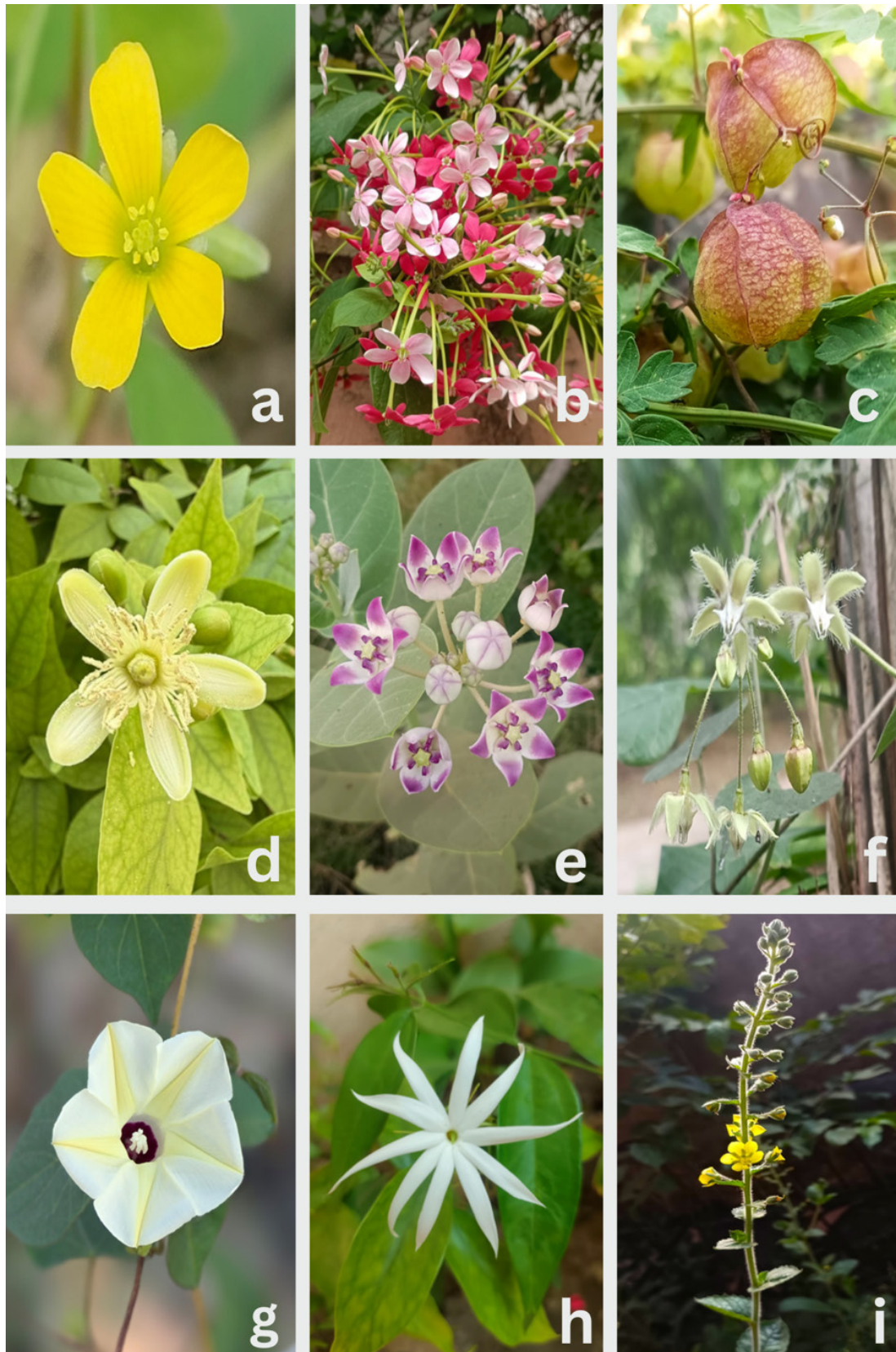


Image 4. a—*Oxalis corniculata* L. | b—*Combretum indicum* (L.) De Filippis | c—*Cardiospermum halicacabum* L. | d—*Aegle marmelos* (L.) Corrêa | e—*Calotropis procera* (Aiton) W.T.Aiton | f—*Pergularia daemia* (Forssk.) Chiov. | g—*Ipomoea obscura* (L.) Ker Gawl. | h—*Jasminum laurifolium* var. *laurifolium* Roxb. ex Hornem | i—*Verbascum coromandelianum* (Vahl) Hub. Mor. © Bhagwat M.G.

Mr. Jatishwor Singh Irungbam, Biology Centre CAS, Branišovská, Czech Republic.
Dr. Ian J. Kitching, Natural History Museum, Cromwell Road, UK
Dr. George Mathew, Kerala Forest Research Institute, Peechi, India
Dr. John Noyes, Natural History Museum, London, UK
Dr. Albert G. Orr, Griffith University, Nathan, Australia
Dr. Sameer Padhye, Katholieke Universiteit Leuven, Belgium
Dr. Nancy van der Poorten, Toronto, Canada
Dr. Kareen Schnabel, NIWA, Wellington, New Zealand
Dr. R.M. Sharma, (Retd.) Scientist, Zoological Survey of India, Pune, India
Dr. Manju Siliwal, WILD, Coimbatore, Tamil Nadu, India
Dr. G.P. Sinha, Botanical Survey of India, Allahabad, India
Dr. K.A. Subramanian, Zoological Survey of India, New Alipore, Kolkata, India
Dr. P.M. Sureshan, Zoological Survey of India, Kozhikode, Kerala, India
Dr. R. Varatharajan, Manipur University, Imphal, Manipur, India
Dr. Eduard Vives, Museu de Ciències Naturals de Barcelona, Terrassa, Spain
Dr. James Young, Hong Kong Lepidopterists' Society, Hong Kong
Dr. R. Sundararaj, Institute of Wood Science & Technology, Bengaluru, India
Dr. M. Nithyanandan, Environmental Department, La Ala Al Kuwait Real Estate. Co. K.S.C., Kuwait
Dr. Himender Bharti, Punjabi University, Punjab, India
Mr. Purnendu Roy, London, UK
Mr. Saito Motoki, The Butterfly Society of Japan, Tokyo, Japan
Dr. Sanjay Sondhi, TITLI TRUST, Kalpavriksh, Dehradun, India
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Dr. Priyadarsanan Dharma Rajan, Ashoka Trust for Research in Ecology and the Environment (ATREE), Royal Enclave, Bangalore, Karnataka, India

Fishes

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Dr. Rajeev Raghavan, St. Albert's College, Kochi, Kerala, India
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Dr. A. Biju Kumar, University of Kerala, Thiruvananthapuram, Kerala, India
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Dr. J.A. Johnson, Wildlife Institute of India, Dehradun, Uttarakhand, India
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Dr. Nishith Dharaiya, HNG University, Patan, Gujarat, India
Dr. Spartaco Gippoliti, Socio Onorario Società Italiana per la Storia della Fauna "Giuseppe Altobello", Rome, Italy
Dr. Justus Joshua, Green Future Foundation, Tiruchirappalli, Tamil Nadu, India
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Dr. Jim Sanderson, Small Wild Cat Conservation Foundation, Hartford, USA
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Dr. S.S. Talmale, Zoological Survey of India, Pune, Maharashtra, India
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Dr. Susan Cheyne, Borneo Nature Foundation International, Palangkaraja, Indonesia
Dr. Hemanta Kafley, Wildlife Sciences, Tarleton State University, Texas, USA

Other Disciplines

Dr. Aniruddha Belsare, Columbia MO 65203, USA (Veterinary)
Dr. Mandar S. Paingankar, University of Pune, Pune, Maharashtra, India (Molecular)
Dr. Jack Tordoff, Critical Ecosystem Partnership Fund, Arlington, USA (Communities)
Dr. Ulrike Streicher, University of Oregon, Eugene, USA (Veterinary)
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c/o Wildlife Information Liaison Development Society,
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Tamil Nadu 641006, India
ravi@threatenedtaxa.org & ravi@zooreach.org

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