

7.1.3 (C) Clean and Green Campus Initiatives

BIODIVERSITY

FAUNAL DIVERSITY

Located next to the peaceful **Nevta Dam, Nevta, Jaipur**, Rajasthan, **St. Xavier's College** coexists peacefully with the environment, promoting a calm and healthy ecosystem on campus. Acknowledging the importance of its unique setting, the institution has conducted an avian diversity study to determine the diversity of birds that visits the campus and its environs.

So far, the study has unveiled the presence of **30 distinct faunal diversity** gracing our campus with their vibrant presence. This revelation underscores the richness of biodiversity that thrives in our midst, indicative of the favourable ecological conditions and environmental health prevailing in our immediate surroundings.

The abundance of food sources, favourable climatic conditions, and the provision of shelter or temporary resting spots further accentuate the campus's allure for avian inhabitants. St. Xavier's College takes pride in being a sanctuary for these winged visitors, providing them with a nurturing habitat where they can flourish and thrive.

This avian diversity study not only serves to document the wealth of birdlife but also underscores the importance of preserving and protecting our natural habitats. It highlights the interconnectedness between humans and the environment, urging us to be mindful stewards of the delicate ecosystems that sustain life in all its forms. Through continued efforts in conservation and environmental stewardship, St. Xavier's College endeavours to uphold its commitment to biodiversity preservation and ecological harmony.


Principal

St. Xavier's College, Jaipur
Nevta-Mahapura Road, Jaipur



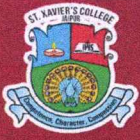


PICTURES OF THE FAUNAL DIVERSITY IN THE CAMPUS



Dr. Arun
Principal

St. Xavier's College, Jaipur
Nevta-Mahapura Road, Jaipur



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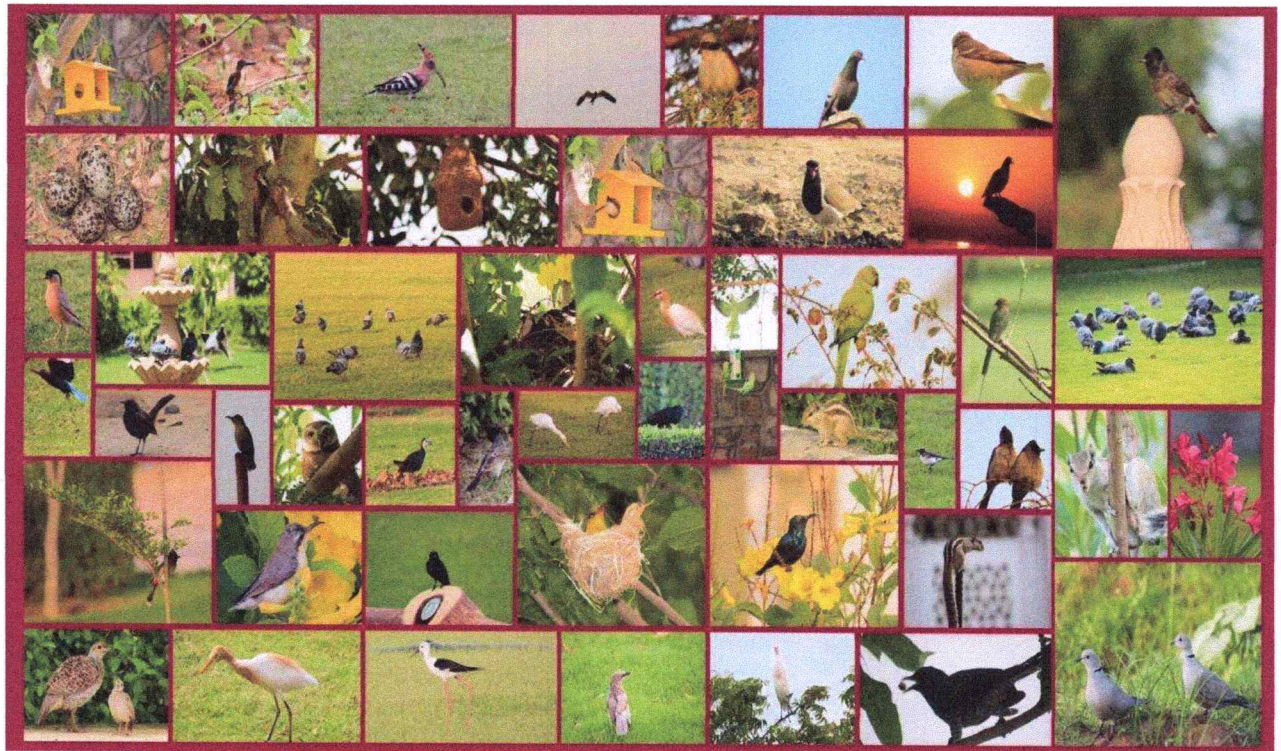
Principal

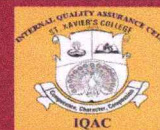
Principal
St. Xavier's College, Jaipur
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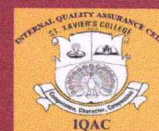
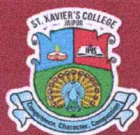




NAME OF BIRDS

Sl. No	Name	Scientific Name	Order	Family
1	Eurasian Collared Dove	<i>Streptopeliadecaocto</i>	Columbidae	Columbiformes
2	Laughing dove	<i>Spilopeliasenegalensis</i>	Columbidae	Columbiformes
3	Rock Pigeon	<i>Columba livia</i>	Columbidae	Columbiformes
4	Red Collared Dove	<i>Streptopeliatranquebarica</i>	Columbidae	Columbiformes
5	Gray Francolin	<i>Ortygornispondicerianus</i>	Phasianidae	Galliformes
6	Red vented bulbul	<i>Pycnonotuscafer</i>	Pyconotidae	Passeriformes
7	Intermediate Egret	<i>Ardea intermedia</i>	Ardeidae	Pelecaniformes
8	Cattle Egret	<i>Bubulcus ibis</i>	Ardeidae	Pelecaniformes
9	Indian pied Starling	<i>Gracupica contra</i>	Sturnidae	Passeriformes
10	Rose-Ringed Parakeet	<i>Psittaculakrameria</i>	Psittaculidae	Psittaciformes
11	Black-rumpedflameback woodpecker	<i>Dinopiumbenghalense</i>	Picidae	Piciformes
12	Black winged stilt	<i>Himantopus himantopus</i>	Recurvirostridae	Charadriiformes
13	Red-wattled Lapwing	<i>Vanellusindicus</i>	Charadriidae	Charadriiformes
14	White breasted waterhen	<i>Amourornisphoenicurus</i>	Rallidae	Gruiformes
15	White browed wagtail	<i>Motacilla alba</i>	Motacillidae	Passeriformes
16	Brahminy starling	<i>Sturniapagodarum</i>	Sturnidae	Passeriformes
17	White throated kingfisher	<i>Halyconsmyrnensis</i>	Alcedinidae	Coraciiformes
18	Greater Coucal	<i>Centropussinensis</i>	Cuculidae	Cuculiformes
19	Large Gray Babbler	<i>Argyamalcolmi</i>	Leiothrichidae	Passeriformes
20	Eurasian Hoopoe	<i>Upupaepops</i>	Upupidae	Bucerotiformes


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21	Black drongo	<i>Dicrurus macrocercus</i>	Dicruridae	Passeriformes
22	Purple sun bird	<i>Cinnyris asiaticus</i>	Nectariniidae	Passeriformes
23	Sparrow	<i>Passer domesticus</i>	Passeridae	Passeriformes
24	Indian Robin	<i>Copsychus fulvicatus</i>	Muscicapidae	Passeriformes
25	Indian Pond Heron	<i>Ardeolagrayii</i>	Ardeidae	PelecaniformesP
26	Grey Heron	<i>Ardeacinerea</i>	Ardeidae	Pelecaniformes
27	Indian Cormorant	<i>Phalacrocorax fuscicollis</i>	Phalacrocoracidae	Suliformes
28	Indian Peafowl	<i>Pavocristatus</i>	Phasianidae	Galliformes
29	Common Kingfisher	<i>Alcedo atthis</i>	Alcedinidae	Coraciiformes
30	Spotted owl	<i>Athena brahma</i>	Strigidae	Strigiformes

FLORAL DIVERSITY

St. Xavier's College Jaipur boasts a vibrant green campus adorned with lush foliage, where the beauty of nature thrives alongside academic pursuits. Our commitment to **environmental stewardship** is reflected in our extensive array of lush green plants, carefully curated to enhance the campus ambiance and promote biodiversity.

Through ongoing plant awareness initiatives, we educate our community about the importance of greenery in fostering a healthy and sustainable environment. Our campus features **3640 floral diversity** of **122 different plant species** on campus, that contribute to holistic well-being and promote sustainability.

In addition to maintaining a verdant landscape, we actively engage in activities related to plant care and cultivation. From **tree planting drives** to **organic farming**, we encourage hands-on involvement in nurturing and preserving our natural surroundings. By fostering a culture of appreciation and stewardship for plants, St. Xavier's College Jaipur cultivates a greener, more sustainable future for generations to come.

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NAME OF THE PLANTS IN THE CAMPUS

S. No.	CommonName	ScientificName	Total	Ornamental	Medicinal	Tree	Fruit
1	Ashok pendula	<i>Polyalthialongifolia</i>	107	✓			
2	Ashoka	<i>Saracaasoca</i>	54			✓	
3	Adenium (DesertRose)	<i>Adeniumobesum</i>	2	✓			
4	Amla	<i>Phyllanthusemblica</i>	7		✓		
5	Amaltas	<i>Cassia fistula</i>	6	✓			
6	Areca palm (Yellow palm, Butter fly palm)	<i>Dypsislutescens</i>	70	✓			
7	Agave (Americanal oe)/ Century plant	<i>Agaveamericana</i>	1	✓			
8	Arjun	<i>Terminaliaarjuna</i>	34		✓		
9	Annar	<i>Punicagranatum</i>	11				✓
10	Aloe	<i>Aloevera</i>	15		✓		
11	Ber	<i>Ziziphusmauritiana</i>	3				✓
12	Bougainvillea	<i>Bougainvilleaglabra</i>	88	✓			
13	Banana	<i>Musaparadisiaca</i>	8				✓
14	Bakayan (Bakan, Chinaberry)	<i>Melia azedarach</i>	6		✓		
15	Bottle Brush	<i>Callistemoncitrinus</i>	7	✓			
16	Conocarpus (Button wood)	<i>Conocarpuserectus</i>	57	✓			
17	Chandni/Jasmine	<i>Tabernaemontana divaricate</i>	11	✓			
18	Champa	<i>Plumeriaobtusa</i>	60	✓			
19	Coconutpalm	<i>Cocosnucifera</i>	1	✓			
20	Chipkalibel	<i>Ficuspumila</i>	1	✓			
21	Casuarina (Horsetai l, she oak)	<i>Casuarina equisetifolia</i>	1	✓			
22	Cycas	<i>Cycasrevoluta</i>	14	✓			
23	Curry Plant	<i>Murrayakoenigii</i>	7				✓



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24	Imli	<i>Tamarindusindica</i>	28	✓			
25	Ficus	<i>Ficusbenjamina</i>	87	✓			
26	Ficuspanda	<i>Ficusretusa</i>	79	✓			
27	Figtree	<i>Ficusbenjameana</i>	6	✓			
28	Foxtailpalm	<i>Wodyetia bifurcate</i>	1	✓			
29	Gulmohar	<i>Delonixregia</i>	120	✓			
30	Gular	<i>Ficusracemose</i>	22		✓		
31	Gudhal	<i>Hibiscusrosa-sinensis</i>	79	✓			
32	Guava	<i>Psidiumguajava</i>	17				✓
33	GoldenBamboo	<i>Phyllostachysaurea</i>	3	✓			
34	Jamun	<i>Syzygiumcumini</i>	72				✓
35	Jatropha	<i>Jatrophaintegerrima</i>	16	✓			
36	Jhag/Jhau	<i>Tamarixdioicia</i>	1	✓			
37	Karanj	<i>Millettiapinnata</i>	585		✓		
38	kaner	<i>Cascabelathevetia</i>	103	✓			
39	Kachnar	<i>Bauhinia variegata</i>	26	✓			
40	Kigelia	<i>Kigeliaafricana</i>	9		✓		
41	Kadam	<i>Neolamarckiacadamba</i>	4		✓		
42	Khejadi	<i>Prosopiscineraria</i>	12			✓	
43	Karonda	<i>Carissa carandas</i>	4				✓
44	Moclameficus	<i>Ficusmicrocarpa</i>	44	✓			
45	Morpankhi	<i>Platycladusorientalis</i>	17	✓			
46	Morchali/Molshree	<i>Mimusopselengi</i>	95		✓		
47	Mango	<i>Mangiferaindica</i>	30				✓
48	Mahogany	<i>Swieteniamacrophylla</i>	3			✓	
49	Mehandi	<i>Lawsoniainermis</i>	1		✓		
50	MicroFicus	<i>Ficusmicrocarpa</i>	22	✓			
51	Neem	<i>Azadirachtaindica</i>	376		✓		
52	Paltafarm	<i>Perseaamericana</i>	41	✓			
53	Putranjiva	<i>Putranjivaroxburghii</i>	36		✓		
54	Pilkhanficus	<i>Ficusvirens</i>	23			✓	
55	Euphorbia	<i>Pedilanthustithymaloides</i>	2	✓			



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56	RubberPlant	<i>Ficuselastica</i>	2			✓	
57	Lataniapalm	<i>Latanielontaroides</i>	11	✓			
58	Lemon	<i>Citrus limon</i>	7				✓
59	Snake plant	<i>Dracaenatrifasciata</i>	12	✓			
60	Shisham	<i>Dalbergiasissoo</i>	100			✓	
61	Shehtoot	<i>Morusalba</i>	34				✓
62	Senna	<i>Cassia acutifolia</i>	9	✓			
63	Khirnitree	<i>Manilkarahexandra</i>	12			✓	
64	Sapota	<i>ManilkaraZapota</i>	15				✓
65	Silk Oak	<i>Grevillea</i>	3			✓	
66	SugarCane	<i>Saccharumofficinarum</i>	2			✓	
67	Sitaphal	<i>Annona reticulate</i>	2				✓
68	Senjana/Drumstick	<i>Moringaoleifera</i>	11		✓		
69	Shirish (Womentounge)	<i>Albizialebeck</i>	2			✓	
70	Ficus	<i>Ficusbenjamina</i>	1	✓			
71	Terminalia	<i>Terminalia</i>	166			✓	
72	Tecoma	<i>Tecomastans</i>	352	✓			
73	WhiteLily	<i>Liliumcandidum</i>	15	✓			
74	harsinghar	<i>Nyctanthesarbor-tristis</i>	2		✓		
75	Kathal	<i>Artocarpusheterophyllus</i>	2				✓
76	Orange	<i>Citrus sinensis</i>	2				✓
77	Rose	<i>Rosa rubiginosa</i>	39	✓			
78	Fercaria	<i>Furcraeaacaulis</i>	4	✓			
79	Papaya	<i>Caricapapaya</i>	3				✓
80	shatavri	<i>Asparagus racemosus</i>	16		✓		
81	KamalCactus	<i>Epiphyllumoxypetalum</i>	5	✓			
82	Cathedral Cactus	<i>Euphorbiatrigona</i>	3	✓			
83	RobinoPalm	<i>Phoenixroebelenii</i>	2	✓			
84	Mogra	<i>Jasminumsambac</i>	1	✓			
85	Ardu	<i>AilanthusexcelsaRoxb</i>	1			✓	
86	Ficusball	<i>Ficuscarica</i>	1	✓			



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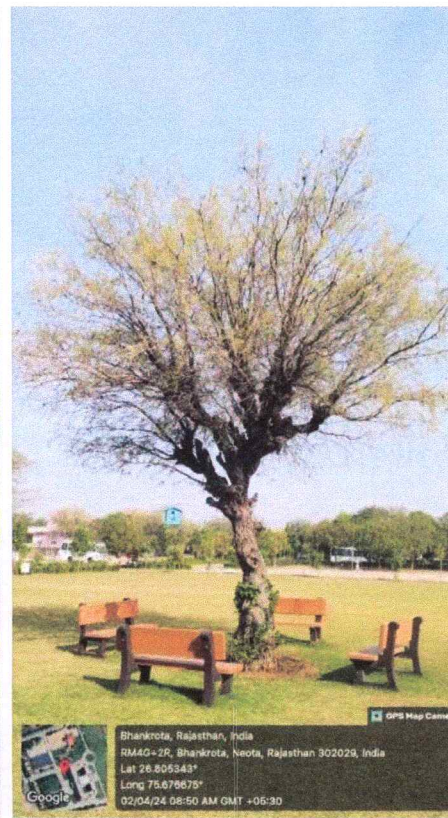
87	Olivetree	<i>Olea europaea</i>	12		✓		
88	AlmundaBel	<i>Allamandacathartica</i>	1	✓			
89	Hamelia	<i>Hamelia patens</i>	17	✓			
90	Jade	<i>Crassulaovata</i>	12	✓			
91	Bichubutti	<i>Urticadioica</i>	15	✓			
92	Syngonium	<i>Syngoniumpodophyllum</i>	6	✓			
93	BabyKroton	<i>Codiaeumvariegatum</i>	15	✓			
94	Plumeria	<i>Plumeriarubra</i>	2	✓			
95	PhilodendronRugosum	<i>Thaumatophyllumxanadu</i>	3	✓			
96	Keli	<i>Cannaxgeneralis</i>	5	✓			
97	Pedilanthus	<i>Euphorbia tithymaloides</i>	16	✓			
98	CrownofThron	<i>Euphorbia milii</i>	2	✓			
99	RaphisPalm	<i>Rhapisexcelsa</i>	10	✓			
100	SapotiaPalm	<i>Chamaedoreaelegans</i>	13	✓			
101	petroKroton	<i>Codiaeumvariegatum</i>	6	✓			
102	Madhukamini	<i>Murrayapaniculata</i>	3	✓			
103	PhonexPalm	<i>Phoenixdactylifera</i>	9	✓			
104	Saplera	<i>Schefflaearboricola</i>	7	✓			
105	LolinaPalm	<i>Beaucarnearecurvata</i>	1	✓			
106	MoneyPlant	<i>Crassulaovata</i>	3	✓			
107	Phyllanthus	<i>Phyllanthusbuxifolius</i>	6	✓			
108	Redmacharia	<i>Radermachersinica</i>	19	✓			
109	Ficus	<i>Ficusbenjamina</i>	7	✓			
110	Crysanthimum/Guldaudi	<i>Chrysanthemumindicum</i>	35	✓			
111	Rohio	<i>Tradescantiaspathacea</i>	5	✓			
112	SilverYucca	<i>Yuccaelephantipes</i>	4	✓			
113	Pandanus Plant	<i>Pandanus amaryllifolius</i>	10	✓			
114	Tulsi	<i>Ocimumtenuiflorum</i>	5		✓		
115	Song ofIndia(Drasena)	<i>Dracaenareflexa</i>	4	✓			
116	Pattarchatta	<i>Kalanchoepinnata</i>	2		✓		
117	Brush cherry	<i>Syzygiumpaniculatum</i>	3			✓	

118	Ajwain	<i>Trachyspermumammi</i>	1		✓		
119	ChristmasTree	<i>Araucariaheterophylla</i>	1	✓			
120	China Palm	<i>Trachycarpusfortunei</i>	6	✓			
121	Banyan (Bargadh)	<i>Ficusbenghalensis</i>	1			✓	
122	Cyperus	<i>Cyperusalternifolius</i>	1	✓			
			3640				

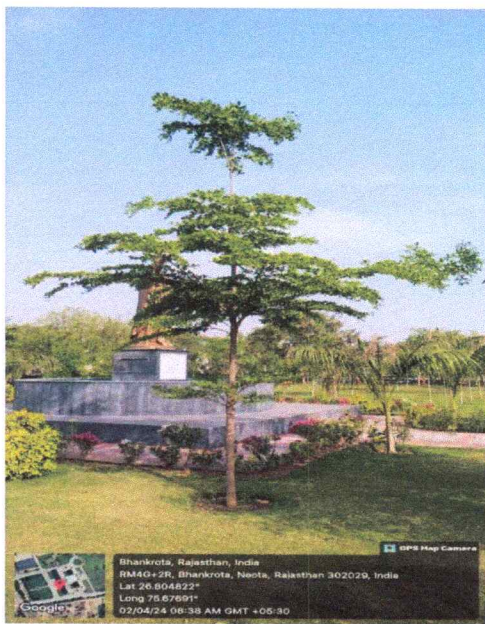
PICTURES OF THE FLORAL DIVERSITY IN THE CAMPUS



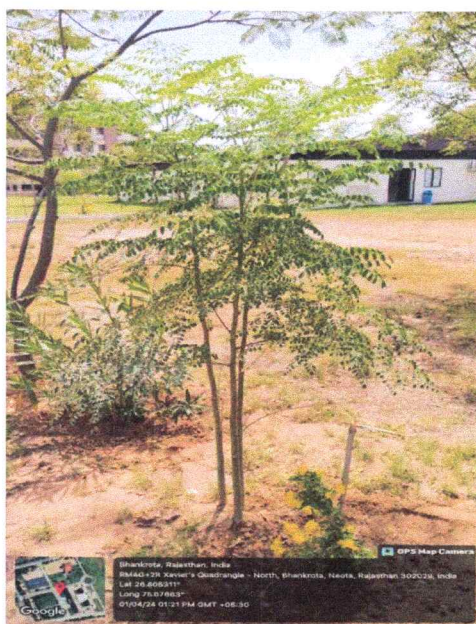
Common Name: Shisham
Scientific Name: Dalbergia sissoo



Common Name: Khejadi
Scientific Name: Prosopis cineraria



Common Name: Terminalia
Scientific Name: Terminalia



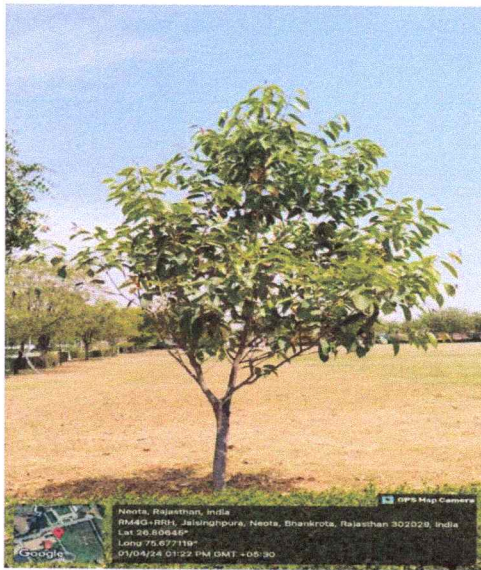
Common Name: Senjana/ Drumstick
Scientific Name: Moringa oleifera



Common Name: Pilkhan ficus
Scientific Name: Ficus virens

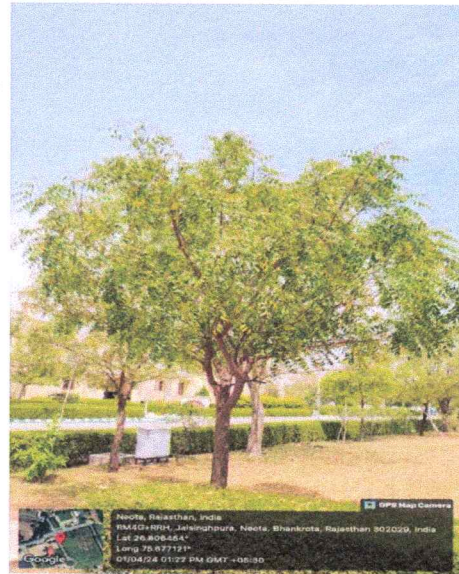


Common Name: Gulmohar
Scientific Name: Delonix regia



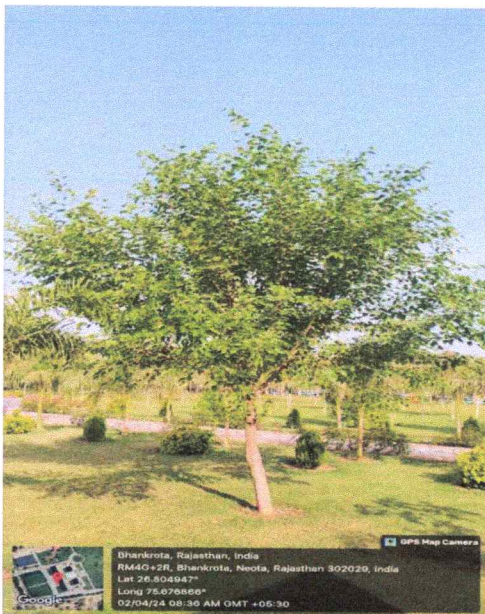
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RM4G+RRH, Jaisinghpura, Neota, Bhankrota, Rajasthan 302020, India
Lat 26.80844°
Long 75.67711°
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Common Name: Morchali/ Molshree
Scientific Name: Mimusops elengi



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Lat 26.80844°
Long 75.67711°
07/04/24 01:22 PM GMT +05:30

Common Name: Neem
Scientific Name: Azadirachta indica



Bhankrota, Rajasthan, India
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Lat 26.804947°
Long 75.678889°
02/04/24 08:30 AM GMT +05:30

Common Name: Shehtoot
Scientific Name: Morus alba



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Lat 26.804923°
Long 75.67889°
02/04/24 08:38 AM GMT +05:30

Common Name: Foxtail palm
Scientific Name: Wodyetia bifurcata