

People's Biodiversity Register

PLANT DIVERSITY

Prepared for: Durgapur Municipal Corporation



Report prepared by:

Durgapur Wildlife Information and Nature Guide Society

Registration no. S0005627 of 2019-2020

2020

The report is prepared by Durgapur Wildlife Information and Nature Guide Society as per the work order of Durgapur Municipal Corporation vide Ref. no. DMC/PW/1592 (A)

Date: 27/01/2020

Report no. WINGS/2020/REPORT/002

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Cite this: Ghosh, P. (2020). People's Biodiversity Register on Plant Diversity of Durgapur Municipal Corporation area. Report of Durgapur Wildlife Information and Nature Guide Society, Report no. WINGS/2020/REPORT/002

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DURGAPUR

WILDLIFE INFORMATION AND NATURE GUIDE SOCIETY

A NON-PROFIT ASSOCIATION WORKING TOWARDS WILDLIFE CONSERVATION & ECOLOGY

Reg no. 50005627 of 2019-2020 under the West Bengal Societies Registration Act, 1961

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Certificate no.: WINGS/2020/REPORT/002

Date: 27/01/2020

CERTIFICATE

Certified that the report titled “People’s Biodiversity Register on Plant Diversity of Durgapur Municipal Corporation area” is original and all of the species documented in this report was found at Durgapur Municipal Corporation area by society members.

The report was prepared as per the work order of Durgapur Municipal Corporation vide reference no. DMC/PW/1592 (A).

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Our Services:

- Wildlife monitoring and Biodiversity survey
- Ecological Impact Assessment
- Awareness related to environment and wildlife
- Identification of plants and animals
- Citizen Science Program

SAVE WILDLIFE FOR OUR OWN EXISTANCE

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List of abbreviations:

IUCN: International Union for Conservation of Nature and Natural Resources

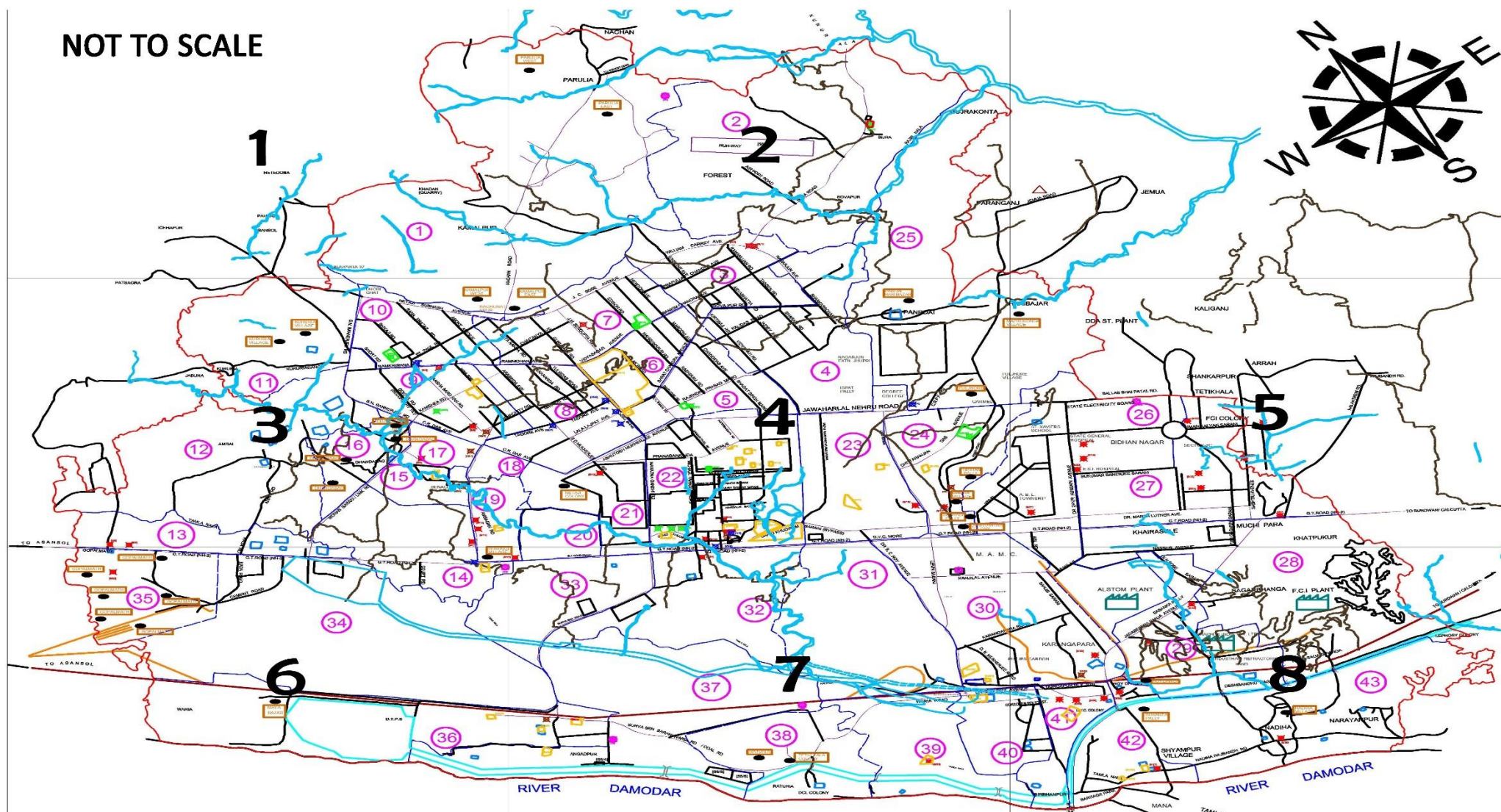
LC: Least Concerned

NE: Not Evaluated

NT: Near Threatened

VU: Vulnerable

DD: Data Deficient



Map of the Durgapur Municipal Corporation (DMC) Red line used to indicate the DMC boundaries Total area divided in to 9 equal grids for species distribution study

A. List of angiospermic dicotyledonous plants in Durgapur Municipal Corporation Area

Sl. No.	Scientific Name	Common Name	Bengali Name	Identification mark (as described by local people)	Seasonal Availability	Habit	Importance	IUCN Status	Rarity	Distribution
1	<i>Polyalthia longifolia</i>	False Ashok	Debdaru	Conical shaped tree with elongated leaves	Round the year	Tree	Used for skin treatment	NE	Very common	All
2	<i>Cleome viscosa</i>	Tickweed,Asian Spider Flower	Holud Hurhurey	Small herb with elongated fruits and yellow flower	Summer and Monsoon only	Herb	Used for diarrhoea and inflammation	NE	Very common	All
3	<i>Cleome rutidosperma</i>	Fringed Spider Flower	Holud Hurhurey	Small herb with violet flowers	Monsoon only	Herb	Used for skin treatment	NE	Very common	All
4	<i>Shorea robusta</i>	Sal	Shaal	Tall tree with oval shaped leaves	Round the year	Tree	Used as a timber source	NE	Very common	All
5	<i>Terminalia catappa</i>	Indian Almond	Kath Badam	Tall tree with elongated leaves	Round the year	Tree	Used as a timber source	LC	Very common	1,2,3,4,5,7,8
6	<i>Aegle marmelos</i>	Bengal Wood Apple	Bael	Robust tree, thorny stems and big woody fruit	Round the year	Tree	Used for religious purposes and treatment of dysentery	NE	Very common	All
7	<i>Citrus grandis</i>	Pomelo	Batabi Lebu	Robust tree, thorny stems and big woody fruit	Round the year	Tree	Used as a culinary ingredient	NE	Common	1,2,3,5,6,7
8	<i>Murraya koenigii</i>	Curry tree	Karipata	Small tree with leaves having characteristic odour	Round the year	Tree	Used as a culinary ingredient	NE	Common	2,3,4,5,6,7
9	<i>Malvaviscus arboreus</i>	Wax Mallow	Lonka Joba	Shrub with chili-shaped red or white flowers	Round the year	Shrub	Used for offering in Pujas	NE	Very common	All
10	<i>Sida cordifolia</i>	Country Mallow	Boro Berela	Herb with yellow flower	Round the year	Herb	Used for treating oedema	NE	Very common	All

11	<i>Sida acuta</i>	Broom Weed	Chhoto Berela	Herb with yellow flower	Round the year	Herb	Used as a diuretic	NE	Very common	All
12	<i>Hibiscus rosa-sinensis</i>	China Rose	Joba/Ranga Joba	Woody shrub with red flower and intended leaves	Round the year	Shrub	Used for horticulture and offering in Pujas	NE	Very common	All
13	<i>Hibiscus mutabilis</i>	Cotton Rose	Stholopodmo	Woody shrub with seasonal white to off-white flowers	Round the year	Shrub	Used as an expectorant	NE	Very common	1,2,3,4,5,7,8
14	<i>Abutilon indicum</i>	Indian Mallow	Konkatika	Weak climber with gear-shaped fruit	Spring, Summer and Monsoon only	Shrub	Used for treatment of bowel related problems	NE	Rare	2,4
15	<i>Bombax ceiba</i>	Kapok/Red Silk Cotton Tree	Shimool	Huge towering tree with seasonal red flowers	Round the year	Tree	Used for treatment of toothaches and urinary problems	NE	Very common	1,2,3,4,5,7,8
16	<i>Melia azedarach</i>	Pride of India	Ghora Neem	Tree with neem like leaves and purple flowers	Round the year	Tree	Used as an anthelmintic and antimalarial agent	NE	Common	1,2,3,4,5,7,8
17	<i>Azadirachta indica</i>	Neem	Neem	Tree with characteristic leaves and pungent odour	Round the year	Tree	Used as an anthelmintic, antimalarial and antiseptic agent	NE	Very common	1,2,3,4,5,7,8
18	<i>Swietenia mahagoni</i>	West Indian Mahogany	Mahogany/Mehogoni	Tall tree with glossy leaves and woody fruit	Round the year	Tree	Used as a timber source, and also febrifuge	EN	Very rare	2
19	<i>Ziziphus jujuba</i>	Chinese Dateplum	Kool	Thorny bush with obovate leaves and thorny stems	Round the year	Shrub	Used as anti-steroidogenic agent	LC	Very common	1,2,3,4,5,7,8

20	<i>Madhuca longifolia</i>	Indian Butter Tree	Mohua	Tall tree with heavy foliage and fruits with strong odour	Round the year	Tree	Used as an antipyretic agent and also known for healing wounds	NE	Common	1,2,3,4,5,6,8
21	<i>Schleichera oleosa</i>	Ceylon Oak	Kushum	Tree with leaves that become colours in spring	Round the year	Tree	Used for rheumatoid arthritis and antifungal agent	NE	Common	1,2,3,4,5
22	<i>Litchi chinensis</i>	Litchi/Lychee	Lichu	Tree with narrow trunk and heavy foliage towards top	Round the year	Tree	Used to cure flatulence problems	NE	Very Common	All
23	<i>Cardiospermum helicacabum</i>	BalloonVine	Shibjhool/ Lataphatki	Climbing shrub with balloon like fruits	Monsoon and Autumn only	Shrub	Used as a diuretic and in some cases as first aid to snakebites	NE	Rare	2,3,5,8
24	<i>Anacardium occidentale</i>	Cashewnut Tree	Kaju Badam	Short statured tree with round shaped leaves	Round the year	Tree	Used to treat amoebal infections	NE	Rare	3,6,7,8
25	<i>Mangifera indica</i>	Mango Tree	Aam	Tall tree with elongated leaves	Round the year	Tree	Fruit edible Used as an expectorant sometimes	DD	Very Common	All
26	<i>Spondias mangifera</i>	Wild Mango/Hog Plum	Deshi Aamra	Tall tree with mango-like leaves	Round the year	Tree	Used to treat diarrhoea and irregular menstruation	NE	Very Common	All
27	<i>Moringa oleifera</i>	Moringa	Shojney	Tree with pinnate leaves and drumstick fruits	Round the year	Tree	Used to treat constipation and gastritis	NE	Very Common	All

28	<i>Alysicarpus rugosus</i>	Red Moneywort	Bon-badam	Horizontal climber with small leaves	Entire Monsoon only	Herb	Limited use known, mostly as famine food	NE	Rare	2,3,5,8
29	<i>Clitoria ternatea</i>	Butterfly Pea	Awporajita	Climber with blue flowers, and pea like fruits	Round the year	Herb	Used as antistressor and anti-depressant	NE	Very Common	All
30	<i>Crotalaria juncea</i>	Sunn Hemp	Otoshi	Herb with pea like fruits and yellow flowers	Monsoon and Autumn only	Herb	Used to prevent weeds and soil erosion	NE	Very Common	All
31	<i>Crotalaria spectabilis</i>	Showy Rattlepod	Bon Otoshi	Herb with pea like fruits and yellow flowers	Winter and Spring only	Shrub	Used as ornamental plant	NE	Common	1,2,5,7,8
32	<i>Butea frondosa</i>	Flame of the Forest	Polash	Tree with circular leaves and bright orange flowers	Round the year	Tree	Used as expectorant and also sore throat	NE	Common	1,2,3,5,6,8
33	<i>Dalbergia sisoo</i>	Shisham	Shishu	Tall tree with circular leaves and pea like fruits	Round the year	Tree	Used as anthelmintic and treatment of obesity	NE	Very Common	1,2,3,4,5,7,8
34	<i>Senna sophora</i>	Pepper leaved Senna	Kalkashundo	Globous shrub with yellow flowers	Round the year	Shrub	Used as homoeopathic medicine ingredient	NE	Very Common	All
35	<i>Senna siamea</i>	Siamese Senna	Minjiri	Evergreen tree with yellow flowers	Round the year	Tree	Used as antimalarial agent	NE	Very Common	All
36	<i>Cassia fistula</i>	Amaltas	Bandorlat hi/Sonalu/Sodal	Tree with yellow flowers in characteristic shower shape	Round the year	Tree	Used as a local antiseptic and laxative	NE	Common	1,2,5,7,8

37	<i>Caesalpinia pulcherrima</i>	Peacock tree	Krishnochura	Tree with reddish to pinkish flowers	Round the year	Tree	Used as an anti-inflammatory agent	NE	Very Common	All
38	<i>Delonix regia</i>	Pride of Bahama	Gulmohor	Tree with reddish to pinkish flowers	Round the year	Tree	Used as an anti-inflammatory and laxative agent	LC	Common	2,3,4,5,7,8
39	<i>Peltophorum pterocarpum</i>	Copperpod	Radhachura	Tree with yellow flowers	Round the year	Tree	Used as eye lotion and skin treatment agent	NE	Very Common	All
40	<i>Tamarindus indica</i>	Indian Tamarind	Tentul	Tree with small leaves and pod shaped fruit	Round the year	Tree	Used as an appetizer	NE	Very Common	All
41	<i>Bauhinia acuminata</i>	White Bauhinia	Shwet Kanchon	Tree with butterfly like leaves and white flowers	Round the year	Shrub	Used as an ornamental plant and also for treatment of headache	LC	Very Common	All
42	<i>Bauhinia variegata</i>	Mountain Ebony/Orchid tree	Deb Kanchon/Rokto Kanchon	Tree with butterfly like leaves and purple flowers	Round the year	Tree	Used for treatment of stomatitis	NE	Rare	3,6,7,8
43	<i>Mimosa pudica</i>	Touch me Not	Lojjaboti	Small herb that droops on touching	Summer and Monsoon only	Herb	Used as an aphrodisiac and antidepressant	LC	Very Common	1,3,4,5,6,7,8
44	<i>Mimosa pigra</i>	Giant Touch me Not	Guababla	Bushy, spiny shrub that droops on touching	Summer and Monsoon only	Shrub	Used as an aphrodisiac and antidepressant	NE	Very rare	4

45	<i>Tephrosia purpurea</i>	Common Tephrosia	Bon-nil	Herb with purple to violet flower	Monsoon only	Herb	Used in treatment of leprosy and asthma	NE	Very Common	1,3,4,5,6,7,8
46	<i>Albizia lebbbeck</i>	Indian Siris	Shirish	Tree with puff like flower	Round the year	Tree	Used as an astringent	LC	Very Common	All
47	<i>Acacia auriculiformis</i>	Northern Black Wattle	Akashmoni/Shonajhuri	Tree with crescent shaped leaves and twisted fruit	Round the year	Tree	Used for making paper pulp	NE	Very Common	All
48	<i>Pterocarpus santalinus</i>	Red Sandalwood	Rokto Chondon	Tall tree with wood having aroma	Round the year	Tree	Used as an antipyretic agent and natural coolant	NE	Very rare	5
49	<i>Pongamia pinnata</i>	Pongam Tree	Koronjo	Tree with glossy leaves having infections	Round the year	Tree	Fruit oil used for making hair healthy	LC	Very Common	All
50	<i>Gliricidia sepium</i>	Gliricidia	Saronga	Tree with shady foliage and pink cherry like flowers	Round the year	Tree	Used for firewood, fodder and fencing	NE	Rare	3,5,8
51	<i>Psidium guajava</i>	Guava	Peyara	Short statured tree with trunks having scales	Round the year	Tree	Used for treating problems of tooth and gum	NE	Very Common	All
52	<i>Eucalyptus globosus</i>	Eucalyptus	Eucalyptus	High tree with trunks having scales	Round the year	Tree	Used for production of eucalyptus oil	NE	Common	1,2,4,6,7
53	<i>Syzygium cumini</i>	Black Plum/Jambolan	Jaam	Tall tree with characteristic violet coloured fruit	Round the year	Tree	Used for treatment of diabetes	NE	Very Common	All

54	<i>Momordica charantia</i>	Bitter melon	Uchchhey	Climber with yellow flowers	Summer, Monsoon, Autumn and Spring only	Liana	Used for treatment of diabetes	NE	Very Common	All
55	<i>Carica papaya</i>	Papaya	Penpey	Tall tree, with foliage near the apex and white flowers	Summer, Monsoon, Autumn and Winter only	Tree	Used for treatment of eczema and warts	DD	Very Common	All
56	<i>Centella asiatica</i>	Leafy Green	Thankunipata	Minute herbs, with leaves having umbrella shape	Round the year	Herb	Used for skin treatment	LC	Very Common	1,2,3,5,6,7,8
57	<i>Opuntia dillenii</i>	Prickly Cactus	Phoni Monsha	Cactus plant, heavily spined	Round the year	Spiny shrub	Used as anti-inflammatory agent	LC	Common	1,2,5,7,8
58	<i>Oldenlandia corymbosa</i>	Two-flowered Oldenlandia	Khet papra	Small herb with miniscule flowers	Summer, Monsoon, Winter and Spring only	Herb	Used for treatment of irritability	NE	Very Common	1,2,3,5,6,7,8
59	<i>Neolamarckia cadamba</i>	Kadamba	Kodom	Robust tree, tongue shaped leaves and round flowers	Round the year	Tree	Bark used as febrifuge	NE	Very Common	1,2,3,5,6,7,8
60	<i>Paederia foetida</i>	Skunk Vine	Gendal	Climbing, horizontal climber, with a bad odour	Round the year	Liana	Used for treating loose motion and flatulence	NE	Very Common	1,2,3,5,6,7,8
61	<i>Cayratia pedata</i>	Birdfoot Grape-vine	Gowalelot a	Climber, with dense foliage, leaves look like bird foot	Summer, Monsoon and Spring only	Liana	Used as anti-inflammatory agent and diarrhoea	VU	Very rare	4
62	<i>Tridax procumbens</i>	Coat Button	Tridoksho	Small herb, with a small flower with white petals	Round the year	Herb	Used as first aid for deep cut and	NE	Very Common	1,2,3,5,6,7,8

							also as an insect repellent			
63	<i>Vernonia cinerea</i>	Biterleaf	Kuksheem	Small herb with violet flowers	Round the year	Herb	Used as antispasmodic	NE	Very Common	1,2,3,5,6,7,8
64	<i>Sphagneticola trilobata</i>	Creeping Ox-eye	Bhringoraj /Dorholdi	Small herb with yellow flowers	Summer, Monsoon and Spring only	Herb	Used for eating purpose	NE	Common	1,2,6,7,8
65	<i>Chromolaena odorata</i>	Siam Weed	Ayapana	Shrub with violet coloured hairy flowers	Round the year	Shrub	Used as an antipyretic agent	NE	Common	1,2,5,7,8
66	<i>Ageratum conyzoides</i>	Tropical whiteweed	Uchunti	Shrub with whites coloured hairy flowers	Summer, Monsoon, Autumn and Winter only	Shrub	Used for treatment of epilepsy and wound	NE	Very Common	1,2,3,5,6,7,8
67	<i>Nyctanthes arbor-tristis</i>	Night-flowering jasmine	Shiuli/Pari jaat	Tree with seasonal white flowers with a sweet odour	Round the year	Tree	Used for treatment of fever and malaria	NE	Very Common	1,2,3,5,6,7,8
68	<i>Tabernaemontana divaricata</i>	Grape Jasmine	Togor	Shrub with white flowers that emit latex on tearing	Round the year	Shrub	Used as anti-oxidant and anti-epileptic	NE	Very Common	1,2,3,5,6,7,8
69	<i>Allamanda cathartica</i>	Golden Trumpet	Allamanda	Shrub with elongated leaves and trumpet like flower	Round the year	Tree	Used for treatment of jaundice and malaria	NE	Common	2,4,6,7,8
70	<i>Nerium odoratum</i>	Oleander	Korobi	Shrub with elongated leaves	Round the year	Tree	Used for treatment of asthma and ringworm	NE	Very Common	1,2,3,5,6,7,8

71	<i>Alstonia scholaris</i>	Scholar Tree	Chhatim	Tree with seasonal flowers having strong odour	Round the year	Tree	Used for treatment of fever and dysentery	LC	Very Common	1,2,3,5,6,7,8
72	<i>Catharanthus roseus</i>	Periwinkle	Noyontara	Herb with white or light purple flower	Round the year	Herb	Used for treatment of wasp stings	NE	Very Common	1,2,3,5,6,7
73	<i>Wrightia antidysentrica</i>	Dyer's Oleander	Kurchi/An tomool	Tree with white flowers, leaves like guava tree	Round the year	Tree	Used as an aphrodisiac and anthelmintic agent	NE	Very Common	1,2,3,5,6,8
74	<i>Calotropis gigantea</i>	Giant Milkweed	Akondo	Succulent plant with big flowers	Round the year	Shrub	Used as an antivenin and treating liver problems	NE	Very Common	1,2,3,5,6,7,8
75	<i>Hemidesmus indicus</i>	Indian Sarsaparilla	Anantomool	Long slender leaves with long roots	Round the year	Herb	Used for treatment of dysentery	NE	Common	3,4,6,8
76	<i>Cuscuta reflexa</i>	Dodder	Swornolota	Parasitic plant with gold-coloured slender branches	Round the year	Parasitic liana	Used for treating bile disorders	NE	Common	2,3,4,6,8
77	<i>Ipomoea carnea</i>	Pink Morning Glory	Dhol Kolmi	Bushy plant with thin branches and arrow shaped leaves	Round the year	Shrub	Leaves edible Used for treating rheumatoid arthritis	NE	Very Common	1,2,3,5,6,7,8
78	<i>Datura stramonium</i>	Devil's Snare	Dhutro	Bushy plant with thorny fruit and funnel shaped flower	Round the year	Herb	Used as a hallucinogen	NE	Very Common	1,2,3,5,6,7,8
79	<i>Solanum xanthocarpum</i>	Deadly nightshade	Kontikori	Bushy plant with thorny leaves and yellow berry like fruit	Round the year	Herb	Used as an antipyretic and	NE	Very Common	1,2,3,5,6,7,8

							anti-inflammatory agent			
80	<i>Andrographis paniculata</i>	Green chiretta	Kaalmegh	Small herb with white flowers and anise like fruit	Round the year	Herb	Used for fever and jaundice treatment	NE	Common	2,3,4,6,8
81	<i>Andrographis serpyllifolia</i>	Roundleaf Kariyat	Bhuineem	Very small horizontal herb with round leaves	Monsoon only	Herb	No use known	NE	Common	2,4,6,7,8
82	<i>Hygrophila spinosa</i>	Marsh Barbel	Kanta Kulekhara	Plants of wetlands, spiny with violet flowers	Monsoon, Autumn, Winter and Spring only	Spiny Herb	Used as edible herb and blood purifier	LC	Very Common	1,2,3,5,6,7,8
83	<i>Ruellia tuberosa</i>	Minnieroot	Chotpotey	Small herb with violet flowers	Round the year	Herb	Used as a diuretic and anti-diabetic agent	NE	Very Common	1,2,5,6,7,8
84	<i>Barleria cristata</i>	Philippine Violet	Joti/Dece mberi Phool	Medium sized plants with violet flowers blooming in winter	Round the year	Herb	Used as blood purifier and tonic	NE	Very Common	1,2,3,5,6,7,8
85	<i>Rungia pectinata</i>	Comb rungia	Chhoto Shibjota	Small herb with minute flowers	Round the year	Herb	Used as an antipyretic and anti-inflammatory agent	NE	Rare	1,2
86	<i>Lantana camara</i>	Wild Sage	Putush/Ch otro	Shrub with coarse leaves and small bunched flowers	Round the year	Shrub	Used for treatment of skin itches	NE	Very Common	1,2,3,5,6,7,8
87	<i>Clerodendron viscosum</i>	Hill Glory Bower	Ghentu	Medium sized plant with white flowers growing in early spring	Round the year	Shrub	Used as a febrifuge and painkillers	NE	Very Common	1,2,3,5,6,7,8

88	<i>Tectona grandis</i>	Teak	Sheygun	Tall tree with huge leaves and nut like fruits	Round the year	Tree	Used limitedly for culinary purposes	NE	Very Common	1,2,3,5,7,8
89	<i>Leucas aspera</i>	Common Leucas	Shwetodrone	Small plant with white flowers	Summer, Monsoon and Winter only	Herb	Used as an antipyretic and antioxidant agent	NE	Common	1,3,4,5,7
90	<i>Ocimum sanctum</i>	Holy Basil	Tulshi	Small plant with characteristic pungent smell	Round the year	Herb	Used as an expectorant and also for culinary purposes	NE	Very Common	1,2,3,5,6,7,8
91	<i>Leonotis nepetifolia</i>	Lion's Ear	Bhut Bhoirob	Medium sized plant with orange coloured small flowers	Autumn and Winter only	Shrub	Used as heart tonic, though limited	NE	Rare	1,3,6,8
92	<i>Hyptis suaveolens</i>	Pignut	Bilati Tulsi	Medium sized bushy plant with pungent smell and violet flowers	Autumn and Winter only	Shrub	Used as analgesic and decongestant	NE	Very Common	1,2,3,5,6,7,8
93	<i>Mirabilis jalapa</i>	Four o' Clock Plant	Shondhyamoni	Small plant with violet flowers and black fruits	Round the year	Shrub	Used as purgative and diuretic	NE	Very Common	1,2,3,5,6,7,8
94	<i>Celosia cristata</i>	Common Cockscomb	Moroghool	Small plant with flower looking like tufted hair	Round the year	Herb	Used as astringent and parasiticide	NE	Rare	1,2,5,8
95	<i>Alternanthera sessilis</i>	Sessile Joyweed	Chanchi	Small plant with white flowers	Round the year	Herb	Used for treatment of bronchitis and asthma	LC	Very Common	1,2,3,5,6,7,8
96	<i>Aerva aspera</i>	Prickly Chaff Flower	Aapang	Very small plant with thorns that get attached to clothes	Round the year	Herb	Used for treatment of malaria	NE	Very Common	1,2,3,5,6,7,8

97	<i>Amaranthus viridis</i>	Amaranth	Notey	Small plant with coarse leaves and bunched flower,	Round the year	Herb	Used as a vegetable	NE	Very Common	1,2,3,5,6,7,8
98	<i>Amaranthus spinosus</i>	Prickly Amaranth	Kanta-notey	Small plant with coarse leave, spines and bunched flower,	Round the year	Herb	Used for snake bites and nosebleeds	NE	Very Common	1,2,5,6,7,8
99	<i>Gomphrena celosioides</i>	Globehead	Botam Phul	Small grassy plant with white inflorescence	Summer, Monsoon, Winter and Spring only	Herb	Used for treating respiratory problems and skin infections	NE	Very Common	1,2,3,5,6,7,8
100	<i>Antigonon leptopus</i>	Coral Vine	Onontolota	Climber plant with pink seasonal flowers and coarse leaves	Round the year	Liana	Used for its antimicrobial properties	NE	Very Common	2,3,5,6,7,8
101	<i>Euphorbia hirta</i>	Asthma Weed	Boro-korni	Small plant with wing shaped leaves	Round the year	Herb	Used for treating asthma and gynaecological problems	NE	Very Common	1,2,3,5,6,7,8
102	<i>Euphorbia nerifolia</i>	Indian Spurge Tree	Monsha	Medium sized tree with huge thorns	Round the year	Tree	Used for treating asthma	NE	Common	1,3,6,7
103	<i>Phyllanthus niruri</i>	Gale of the Wind	Bhui-amla	Small tree with frits under the leaves in a line	Round the year	Herb	Used for treating kidney stones	NE	Very Common	1,2,3,5,6,7,8
104	<i>Croton bonplandianus</i>	Bonpland's Croton	Bon Tulsi	Small tree with minute white flowers, resembling Tulsi plant	Round the year	Herb	Used for treating bronchitis	NE	Very Common	1,2,3,5,6,7,8
105	<i>Putranjiva roxburghii</i>	Putranjivika	Putronjib	Big tree, with leaves resembling that of Ashok	Round the year	Tree	Used for treating eye disorders	NE	Common	1,2,3,6,8
106	<i>Pedilanthus tithymaloides</i>	Devil's Backbone	Dudhi	Succulent plant with succulent leaves and red flowers	Round the year	Shrub	Used for building fences	NE	Very Common	1,2,3,5,6,7,8

107	<i>Ficus benghalensis</i>	Banyan	Botgachh	Big tree with huge shade and red fruits, prop roots	Round the year	Tree	Used for treatment of leprosy and skin ulcers	NE	Very Common	1,2,3,5,6,7,8
108	<i>Ficus religiosa</i>	Peepal	Oshwotho	Big tree with huge shade and red fruits	Round the year	Tree	Used for treating indigestion	NE	Common	1,2,3,6,7
109	<i>Ficus elastica</i>	False rubber	Rubberpat a'r gachh	Medium to big tree, with rubbery leaves and white latex	Round the year	Tree	No use known	NE	Very Common	1,2,3,5,6,7,8
110	<i>Artocarpus heterophyllus</i>	Jackfruit	Kanthal	Big tree with thick leaves and fruit with characteristic odour	Round the year	Tree	Used as fodder	NE	Very Common	1,3,5,6,7,8
111	<i>Casuarina equisetifolia</i>	Casuarina	Jhau	Tall tree with hairy leaves	Round the year	Tree	Used as ornamental plant	NE	Very Common	1,3,5,6,7,8
112	<i>Argemone mexicana</i>	Mexican Prickly Poppy	Shiyalkanta	Thorny herb, with yellow flowers	Round the year	Herb	Used as a laxative	NE	Very Common	1,2,3,5,6,7,8
113	<i>Tecoma stans</i>	Yellow Bell/Yellow trumpet	Chondrop robha	Medium sized tree with yellow bell like flowers	Round the year	Tree	Used as a vermifuge	NE	Very Common	1,2,3,5,6,7,8
114	<i>Spathodea campanulata</i>	African Tulip Tree	Roktopola sh/Rudrop olash	Big tree with red flowers, fruits emit water when pressed	Round the year	Tree	Used for treatment of oedema	NE	Very Common	1,2,3,5,7,8
115	<i>Scoparia dulcis</i>	Sweet Broom	Bon Dhoney	Small herb with globular fruits	Monsoon only	Herb	Used for treatment of insect bites	NE	Very Common	1,2,3,5,6,7,8
116	<i>Lindenbergia indica</i>	Indian Lindenbergia	Boshonti	Small herb with minute yellow flowers	Monsoon only	Herb	Used for treatment of sore throat and toothache	LC	Very Rare	4,5

117	<i>Pedaliu murex</i>	Greater Caltrop	Bilati Gokhoor	Herb with conspicuous yellow flowers	Round the year	Herb	Used for treating lower sperm count and nocturnal emissions	NE	Common	1,6,8
118	<i>Portulaca oleracea</i>	Common Purslane	Boro Nunia	Herb with minute yellow flowers	Winter and Autumn only	Herb	Used as anti- inflammatory and diuretic agent	NE	Very Common	1,2,3,5,6,7,8
119	<i>Portulaca pilosa</i>	Nine o'Clock Plant	Chhoto Nunia	Herb with violet flower and slender leaves	Round the year	Herb	No use known	NE	Rare	1,2,7
120	<i>Anagallis arvensis</i>	Scarlet Pimpernel	Bandhpho ol	Small blue flowers, herb small	Monsoon only	Herb	Used as an expectorant	NE	Very Common	1,2,3,5,6,7,8
121	<i>Ailanthus excelsa</i>	Indian Tree of Heaven	Mohanee m	Big tree, with pungent odorous flowers	Round the year	Tree	Used as an expectorant and laxative	NE	Very Common	1,2,3,5,6,7,8
122	<i>Manilkara zapota</i>	Sapodilla	Shobeda	Medium sized tree with brown woody fruits	Round the year	Tree	Used for treatment of indigestion and diarrhoea	NE	Common	1,3,4,6,8
123	<i>Mollugo nudicaulis</i>	Carpetweed	Jhulpapra	Minute herb with white flower	Round the year	Herb	Used as mild laxative	NE	Very Common	1,2,3,5,6,7,8
124	<i>Lagerstroemia speciosa</i>	Crape Myrtle	Jarul	Big tree with violet seasonal flowers	Round the year	Tree	Used for lowering blood sugar	NE	Very Common	1,2,3,5,6,7,8
125	<i>Turnera ulmifolia</i>	West Indian Holly	Chhotokol key	Herb with beautiful yellow flowers	Round the year	Herb	Used as ornamental plant	NE	Very Common	1,2,3,5,6,7,8
126	<i>Holoptelea integrifolia</i>	Indian Elm	Cheelbeel	Tree with beautiful covered seeds	Round the year	Tree	Used for diabetes treatment	NE	Rare	4,8

127	<i>Trema orientalis</i>	Charcoal Tree	Chikon	Tree with coarse leaves	Round the year	Tree	Used for treatment of sore throats and cough	NE	Common	4,5,6,7,8
128	<i>Drosera burmannii</i>	Sundew	Shurjoshis hir	Minute red herb	Round the year	Insectivorous herb	Used as natural pesticidal agent	NE	Very Rare	4

B. List of angiospermic monocotyledonous plants in Durgapur Municipal Corporation Area

Sl. No.	Scientific Name	Common Name	Bengali Name	Identification mark (as described by local people)	Seasonal Availability	Habit	Importance	IUCN Status	Rarity	Distribution
1	<i>Musa paradisiaca</i>	Banana	Kola	Medium sized plant with long fleshy leaves	Round the year	Herb	Fruit edible, other parts used to treat dysentery	NE	Very Common	All
2	<i>Ravenala madagascaren sis</i>	Traveller's tree	Panthopa dop	Banana shaped leaves, plant fan like with water from trunk	Round the year	Herb	Used as fodder	NE	Rare	1,2,6,7
3	<i>Aloe vera</i>	Aloe	Ghritoku mari	Small herb, succulent stems	Round the year	Herb	Gel used for hair and face enhancement	NE	Very Common	1,2,3,4,5,6,8
4	<i>Commelina benghalensis</i>	Tropical Spiderwort	Kanshira	Very small herb, with violet flowers	Monsoon only	Herb	Used to treat infertility	LC	Very Common	All
5	<i>Commelina diffusa</i>	Spreading Dayflower	Lomba Kanshira	Very small herb, with sky blue flowers	Monsoon only	Herb	Used to treat urinary tract infections	LC	Rare	2,3
6	<i>Phoenix sylvestris</i>	Date	Khejur	Medium sized tree, thorny leaves and orange fruits	Round the year	Thorny Tree	Fruits edible	NE	Common	1,3,6,7,8
7	<i>Borassus flabellifer</i>	Palmyra Palm	Taalgachh	Tall tree, with leaves on top and large fruits	Round the year	Tree	Fruits edible, used for treating urination problems	NE	Very Common	All

8	<i>Livistonia chinensis</i>	Chinese Fountain Palm	Chinese Fan Palm	Tall tree, with leaves like palmyra palm	Round the year	Tree	Used for making hats and brooms	NE	Very Rare	5
9	<i>Dypsis lutescens</i>	Areca Palm	Areca Palm	Short tree, with narrow leaves	Round the year	Tree	No use known	NT	Very Common	All
10	<i>Caryota urens</i>	Chinese Fan Palm	Bon-khejur	Tall tree with leaves looking like tails of fish or Chinese fans	Round the year	Tree	Used for making hats and brooms	NE	Rare	3,5
11	<i>Epipremnum aureum</i>	Devil's Ivy	Money plant	Climber, with fleshy yellow-green leaves	Round the year	Liana	Used as an ornamental plant	NE	Very Common	All
12	<i>Colocasia esculenta</i>	Taro	Kochu	Succulent plants growing in swallow marshes	Round the year	Herb	Corm edible	LC	Very Common	1,2,3,4,5,6,7
13	<i>Typhonium trilobatum</i>	Bengal Arum	Kharkon/ Ghat Kochu	Small succulent plants, with three fused leaves arising from top	Round the year	Herb	Plant edible	NE	Common	1,3,4,6,7
14	<i>Cyperus rotundus</i>	Nut grass	Mutha-ghash	Multi-headed grass	Round the year	Herb	used for treating diabetes and diarrhoea	LC	Very Common	All
15	<i>Cyperus alternifolius</i>	Umbrella papyrus	Nagormut ha	Multi-headed, tall grass	Round the year	Shrub	Used as an ornamental plant	LC	Common	3,5,6,7
16	<i>Pennisetum polystachion</i>	Fountain grass	Bojra-ghash	Tall grass, resembling wheat	Winter only	Shrub	No use known	LC	Common	3,6,7,8
17	<i>Dendrocalamus strictus</i>	Bamboo	Baansh	Tall grass	Round the year	Herb	Used for building temporary structures	NE	Very Common	All

18	<i>Cynodon dactylon</i>	Bermuda Grass	Durba-ghash	Short grass	Round the year	Herb	Used for offering in Pujas	NE	Very Common	All
19	<i>Thysanolaena latifolia</i>	Broom Grass	Phooljhar u gachh	Medium grass with lots of broom like things on top	Round the year	Shrub	Used for making country brooms	NE	Common	2,3,4,5,7,8
20	<i>Chrysopogon aciculatus</i>	English Love grass	Chorkanta	Grass, with spines that get easily attached to clothes	Summer and winter only	Herb	No use known	NE	Very Common	All
21	<i>Oplismenus compositus</i>	Basketgrass	Benupatri ka	Coarse, horizontal thick grasses	Round the year	Herb	Used as an antiseptic	NE	Very Common	All
22	<i>Vanda tessellata</i>	Common Vanda	Rasna	Epiphyte growing mostly on mango and tamarind trees	Round the year	Epiphytic herb	Edible orchid	LC	Very Rare	5

C. List of gymnospermic plants in Durgapur Municipal Corporation Area

Sl. No.	Scientific Name	Common Name	Bengali Name	Identification mark (as described by local people)	Seasonal Availability	Habit	Importance	IUCN Status	Rarity	Distribution
1	<i>Platycladus orientalis</i>	Thuja Plant	Jhau	Short bush like tree with small cones	Round the Year	Tree	Used as homoeopathic medicine	NT	Rare	1,2,4,6
2	<i>Araucaria heterophylla</i>	Norfolk Island Pine	Jhau	Tall tree with spreading branches	Round the Year	Tree	Used as an ornamental plant	VU	Rare	2,5,6,8

D. List of pteridophytic plants in Durgapur Municipal Corporation Area

Sl. No.	Scientific Name	Common Name	Bengali Name	Identification mark (as described by local people)	Seasonal Availability	Habit	Importance	IUCN Status	Rarity	Distribution
1	<i>Pteris vittata</i>	Ladder Brake	Fern-gachh	Horizontal, densely growing fern	Round the year	Fern/Herb	Used as an ornamental plant	LC	Very Common	All
2	<i>Lygodium flexuosum</i>	Climbing Fern	Bhootraj	Climbing, dense fern	Round the year	Fern/Herb	No use known	NE	Rare	2,3
3	<i>Marsilea quadrifolia</i>		Shushni Shaak	Plant with four leaves attached to the top	Summer and monsoon only	Amphibiou s herb	Plant edible	LC	Common	1,2,4,6,7,8

E. Photographs of some common plants found in DMC area



Lagerstroemia speciosa



Cassia fistula



Epipremnum aureum



Vernonia cinerea



Putranjiva roxburghii



Murraya koenigii



Sphagneticola trilobata



Typhonium trilobatum



Cyperus alternifolius



Trema orientalis

F. Photographs of some rare plants found in DMC area



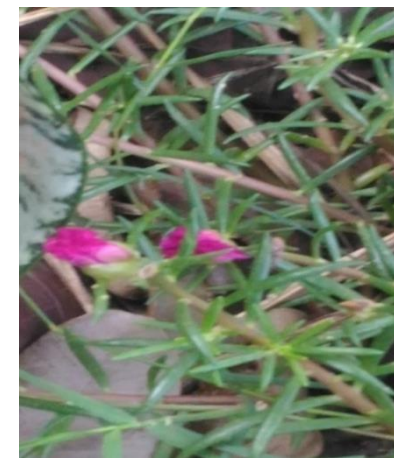
Livistona chinensis



Platycladus orientalis



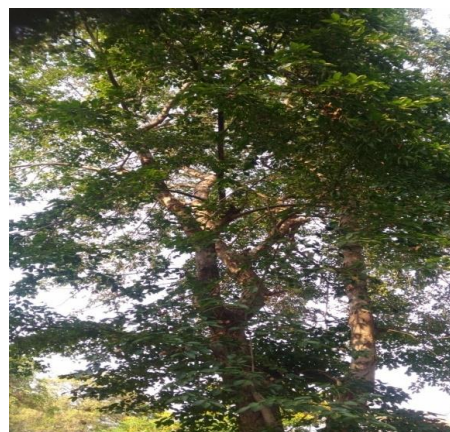
Araucaria heterophylla



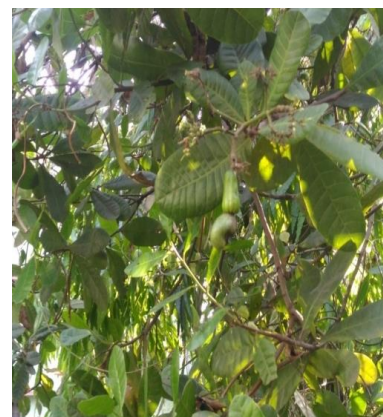
Portulaca pilosa



Swietenia mahagoni



Holoptelea integrifolia



Anacardium occidentale



Gliricidia sepium



Vanda tessellata



Drosera burrmannii