Supplementary Materials

Academic and Research Area (AR_A)

Tree species count within AR_{AE}

Academic and residential area east (AR_{AE}) consists of 226 tree species that counts a total tree of 8750. The largest number of trees was found for Mango that consists of 10% of the total count.

Table S1. Major trees within AR_{AE} with their total count, per cent, height, diameter and age

Tree species	Total count	Per cent	Ht. (m, App.)	Dia. (cm)	Age (Yr, App.)
Mango	873	17	10.42	37.72	26
Mahogany	738	27	15.25	44.06	40
Areca palm	512	22	14.08	16.93	18
Jackfruit	498	16	5.26	33.55	23
Coconut	288	10	13.30	32.36	25
Mahua	194	18	13.72	40.02	40
Frywood	157	14	14.48	84.89	31
Teak	147	14	19.06	60.63	31
Guava	121	29	25.6	80.85	60
Nagesshor	23	15	9.91	37.19	31
Jarul	20	13	6.4	25.46	18
Olive	12	7	8.69	33.14	26
Lychee	10	5	5.87	25.06	18
Burflower	8	5	16.06	53.76	23
Christmas	3	7	19.06	59.82	40
Hog plum	3	5	5.87	25.06	18
Tal	3	7	9.45	46.89	26
Pomelo	2	3	4.34	20.21	12
Date palm	1	8	9.76	35.97	18
Java plum	1	8	10.98	33.95	12
Neem	1	8	6.71	16.57	18

Udichi to Boishakhi Chattor

Sl. No.	Common Name	Scientific Name	Total Count
1	Mahogany	*Swietenia mahagoni*	97
2	Mahua	*Madhuca longifolia*	83
3	Frywood	*Albizia procera*	56
4	Teak	*Tectona grandis*	29
5	Coconut	*Cocos nucifera*	22
6	Mango	*Mangifera indica*	14
7	Date palm	*Phoenix dactylifera*	13
8	Nagessor	*Mesua ferrea L*	9
9	Java Plum	*Syzygium cumini*	7
10	Lychee	*Litchi chinensis*	5
11	Hijol	*Barringtonia acutangula*	5
12	Myrobalan	*Terminalia chebula*	4
13	Jackfruit	*Artocarpus heterophyllus*	4

Supplementary Materials

14	Jujube	*Ziziphus jujuba*	3
15	Indian rosewood	*Dalbergia sissoo*	3
16	Guava	*Psidium guajava*	2
17	Drumstick	*Moringa oleifera*	2
18	Toddy Palm	*Borassus flabellifer*	2
19	Tamarind	*Tamarindus indica*	2
20	Sal	*Shorea robusta*	1
21	Arjun	*Terminalia arjuna*	1
22	Bel	*Aegle marmelos*	1
23	Velvet Apple	*Diospyros blancoi*	1

Residential Area

Sl. No.	Common Name	Scientific Name	Total Count
1	Mango	*Mangifera indica*	695
2	Jackfruit	*Artocarpus heterophyllus*	637
3	Areca palm	*Areca catechu*	460
4	Coconut	*Cocos nucifera*	225
5	Mahogany	*Swietenia mahagoni*	152
6	Guava	*Psidium guajava*	143
7	Jujube	*Ziziphus jujuba*	93
8	Lychee	*Litchi chinensis*	67
9	Drumstick	*Moringa oleifera*	66
10	Java Plum	*Syzygium cumini*	62
11	Pomelo	*Citrus maxima*	55
12	Neem	*Azadirachta indica*	48
13	Carambola	*Averrhoa carambola*	37
14	Debdaru	*Monoon longifolium*	30
15	Custard apple	*Annona reticulata*	28
16	Hog plum	*Spondias mombin*	26
17	Sapodilla	*Manilkara zapota*	25
18	Jhau	*Casuarina equisetifolia*	24
19	Olive	*Olea europaea*	24
20	Bottle palm	*Hyophorbe lagenicaulis*	23
21	Java apple	*Syzygium samarangense*	22
22	Frywood	*Albizia lebbeck*	15
23	Date palm	*Phoenix dactylifera*	13
24	Indian gooseberry	*Phyllanthus emblica*	11
25	Royal poinciana	*Delonix regia*	11
26	Tamarind	*Tamarindus indica*	11
27	Teak	*Tectona grandis*	11
28	Bel	*Aegle marmelos*	8
29	Elephant apple	*Dillenia indica*	8

Supplementary Materials

30	Rose Apple	*Syzygium jambos*	8
31	Bakul	*Mimusops elengi*	6
32	Christmas	*Araucaria columnaris*	6
33	Mahua	*Madhuca longifolia*	6
34	Night-flowering jasmine	*Nyctanthes arbor-tristis*	6
35	River tamarind	*Leucaena leucocephala*	5
36	Rubber fig	*Ficus elastica*	5
37	Asian palmyra palm	*Borassus flabellifer*	4
38	Banyan	*Ficus benghalensis*	4
39	Bottlebrush	*Callistemon spp.*	4
40	Shimul	*Bombax ceiba*	4
41	Bahera	*Terminalia bellirica*	3
42	Burflower	*Neolamarckia cadamba*	3
43	Velvet Apple	*Diospyros peregrina*	3
44	Bakul	*Mimusops elengi*	2
45	Cluster fig	*Ficus racemosa*	2
46	Indian rosewood	*Dalbergia sissoo*	2
47	Longan	*Dimocarpus longan*	2
48	Seora	*Streblus asper*	2
49	Eucalyptus	*Eucalyptus globulus*	1
50	Gamhar	*Gmelina arborea*	1
51	Gum arabic tree	*Vachellia nilotica*	1
52	Nagessor	*Mesua ferrea*	1
53	Tal	*Borassus Flabellifer*	1
54	Tanpura	*Lagenaria siceraria*	1

Residential area to Begum Rokeya Hall border

Sl. No.	Common Name	Scientific Name	Total Count
1	Areca palm	*Areca catechu*	100
2	Mango	*Mangifera indica*	80
3	Jackfruit	*Artocarpus heterophyllus*	65
4	Mahogany	*Swietenia mahagoni*	57
5	Guava	*Psidium guajava*	25
6	Coconut	*Cocos nucifera*	23
7	Jujube	*Ziziphus jujuba*	19
8	Debadaru	*Monoon longifolium*	13
9	Lychee	*Litchi chinensis*	12
10	Pomelo	*Citrus maxima*	9
11	Custard apple	*Annona reticulata*	9
12	Olive	*Olea europaea*	7
13	Drumstick	*Moringa oleifera*	6
14	Java Plum	*Syzygium cumini*	6

Supplementary Materials

15	Hog plum	*Spondias mombin*	6
16	Carambola	*Averrhoa carambola*	5
17	Neem	*Azadirachta indica*	5
18	Bottle palm	*Hyophorbe lagenicaulis*	4
19	Frywood	*Albizia lebbeck*	4
20	Date palm	*Phoenix dactylifera*	3
21	Bel	*Aegle marmelos*	3
22	Teak	*Tectona grandis*	3
23	Banyan	*Ficus benghalensis*	2
24	Java apple	*Syzygium samarangense*	2
25	Rose Apple	*Syzygium Jambos*	2
26	Seura	*Streblus asper*	2
27	Indian gooseberry	*Phyllanthus emblica*	1
28	Burflower	*Neolamarckia cadamba*	1
29	Christmas	*Araucaria columnaris*	1
30	Sal	*Shorea robusta*	1
31	Gab	*Diospyros malabarica*	1
32	Asian palmyra palm	*Borassus flabellifer*	1

Botanical Garden (BG)

The whole BG comprises of 508 tree species with a total count of 3946 trees. Among them the major species are Weeping debdaru and Areca palm.
Tree species within BG having more than 25 in numbers are shown in the table below.

Sl. No.	Common Name	Scientific Name	Total Count
1	Areca palm	*Areca catechu*	181
2	Jhau	*Tamarix dioica*	175
3	Bottle palm	*Hyophorbe lagenicaulis*	167
4	Bamboos	*Bambusa vulgaris*	153
5	Cherry	*Prunus avium*	149
6	Weeping debdaru	*Cedrus deodara*	115
7	Sheura	*Streblus asper*	109
8	Gorjon	*Dipterocarpus turbinatus*	101
9	Jarul	*Lagerstroemia speciosa*	96
10	Debdaru	*Monoon longifolium*	87
11	Drumstick	*Moringa oleifera*	81
12	Sundari	*Heritiera littoralis*	72
13	Shil koroi	*Albizia procera*	64
14	Telsur	*Hopea odorata*	55
15	Hijol	*Barringtonia acutangula*	45
16	Gab	*Diospyros malabarica*	44
17	Sal	*Shorea robusta*	44
18	Lotkon	*Baccaurea motleyana*	43

Supplementary Materials

19	Krisnochura	*Delonix regia*	42
20	Mahua	*Madhuca longifolia*	42
21	Eucalyptus	*Eucalyptus globulus*	41
22	Oil palm	*Elaeis guineensis*	41
23	Tanpura	*Lagenaria siceraria*	41
24	Pine	*Pinus Sylvestris*	37
25	Teak	*Tectona grandis*	35
26	Cycas	*Cycas revoluta*	34
27	Thuja	*Thuja occidentalis*	34
28	Bakul	*Mimusops elengi*	33
29	Nagessor	*Mesua ferrea*	33
30	Cluster fig	*Ficus racemosa*	31
31	Neem	*Azadirachta indica*	31
32	Ficus	*Ficus religiosa*	30
33	Sonalu	*Cassia fistula*	30
34	Dharmara	*Stereospermum colais*	29
35	Kanchan	*Bauhinia variegata*	29
36	Kamini	*Murraya paniculata*	28
37	Pithraj	*Aphanamixis polystachya*	28
38	Chapalish	*Artocarpus chaplasha*	27
39	Minjiri	*Senna Siamea*	27
40	Powderpuff	*Calliandra haematocephala*	27
41	Raj koroi	*Albizia richardiana*	27
42	Lohakat	*Xylia xylocarpa*	26
43	Tal Palm	*Borassus Flabellifer*	26

Tree species count within AR_{AW}

Academic and residential area west (AR_{AW}) consists of 69 tree species that counts a total tree of 7069. The largest number was calculated for Mahogany that consists of 36% of the total count.

Table S2. Major trees within AR_{AW} with their total count, per cent, height, diameter and age

Tree species	Total count	Per cent	Ht. (m, App.)	Dia. (cm)	Age (Yr, App.)
Mahogany	3082	39	16	43	40
Debdaru	833	28	21	63	30
Areca palm	501	20	16	13	18
Akasmoni	462	23	12	30	18
Coconut	362	10	14	33	26
Mango	355	15	9	33	26
Poinciana	194	19	8	40	18
Jackfruit	192	7	5	34	23
Frywood	171	9	14	85	31
Arjun	167	26	18	52	28
Mahua	124	12	14	40	40
Bottle palm	82	21	10	43	40

Supplementary Materials

Af. Mahogany	77	33	21	53	28
River tamarind	64	9	13	34	23
Bokul	63	6	5	19	18
Nageswar	58	13	10	37	31
Date palm	48	6	10	36	18
Sal	46	9	13	24	18
Guava	42	12	5	16	12
Hijol	36	6	9	32	18
Khejur palm	31	48	10	36	18
Cocos palm	23	3	14	33	26
Jujube	17	7	5	30	18
Teak	17	13	19	61	31
Bottlebrushes	16	14	6	14	18
Cycas	16	31	4	30	18
Olive	15	9	7	24	18
Lychee	12	4	6	25	18
Rain tree	12	10	15	40	18
Areca palm	10	20	16	13	18
Asian palmyra	9	5	9	47	26
Eucalyptus	9	3	19	30	21
Tal	5	3	9	47	26
Gooseberry	4	6	12	36	18
Java Plum	4	8	11	34	12
Velvet apple	4	8	6	36	23
Carambola	3	33	5	25	12
Burflower	2	3	16	54	23
Shimul	1	8	19	52	40
Tamarind	1	1	8	24	18

West of Faculty of Fisheries

This area comprises of 19 tree species with a total count of 193 trees.

Sl. No.	Common Name	Scientific Name	Total Count
1	Mahogany	*Swietenia mahagoni*	100
2	Debdaru	*Monoon longifolium*	32
3	Jackfruit	*Artocarpus heterophyllus*	10
4	River tamarind	*Leucaena leucocephala*	10
5	Asian palmyra palm	*Borassus flabellifer*	9
6	Bakul	*Mimusops elengi*	7
7	Areca palm	*Dypsis lutescens*	4
8	Frywood	*Albizia lebbeck*	3
9	Mango	*Mangifera indica*	3
10	Date palm	*Phoenix dactylifera*	3
11	Teak	*Tectona grandis*	3
12	Tamarind	*Tamarindus indica*	2
13	Neem	*Azadirachta indica*	1

14	Olive	*Olea europaea*	1
15	Christmas	*Araucaria columnaris*	1
16	Indian gooseberry	*Phyllanthus emblica*	1
17	Arjun	*Terminalia arjuna*	1
18	Jujube	*Ziziphus jujuba*	1
19	Rose apple	*Syzygium jambos*	1

FABLAB premises

This area comprises of 21 tree species with a total count of 92 trees.

Sl. No.	Common Name	Scientific Name	Total Count
1	Jackfruit	*Artocarpus heterophyllus*	16
2	Sal	*Shorea robusta*	10
3	Hijol	*Barringtonia acutangula*	10
4	Coconut	*Cocos nucifera*	9
5	Mahogany	*Swietenia mahagoni*	9
6	Myrobalan	*Terminalia chebula*	5
7	Mango	*Mangifera indica*	4
8	Mahua	*Madhuca longifolia*	4
9	Chalta	*Dillenia indica*	4
10	Eucalyptus	*Eucalyptus globulus*	3
11	Burflower	*Neolamarckia cadamba*	3
12	Pomelo	*Citrus maxima*	2
13	Arjun	*Terminalia arjuna*	2
14	Indian gooseberry	*Phyllanthus emblica*	2
15	Teak	*Tectona grandis*	2
16	Chalta	*Dillenia indica*	2
17	Guava	*Psidium guajava*	1
18	Olive	*Olea europaea*	1
19	Drumstick	*Moringa oleifera*	1
20	Bakul	*Mimusops elengi*	1
21	Indian rosewood	*Dalbergia sissoo*	1

Seed Pathology Center premises

This area comprises of 24 tree species with a total count of 127 trees.

Sl. No.	Common Name	Scientific Name	Total Count
1	Sheora	*Streblus asper*	20
2	Teak	*Tectona grandis*	17
3	Mahogany	*Swietenia mahagoni*	12
4	Rain tree	*Albizia saman*	12
5	Debadaru	*Monoon longifolium*	11
6	Burflower	*Neolamarckia cadamba*	10
7	African mahogany	*Khaya anthotheca*	7

8	Java apple	*Syzygium samarangense*	5
9	Chalta	*Dillenia indica*	3
10	Babul	*Vachellia nilotica*	3
11	Bohera	*Terminalia bellirica*	3
12	Shimul	*Bombax ceiba*	3
13	Hijol	*Barringtonia acutangula*	3
14	Mahua	*Madhuca longifolia*	3
15	Areca palm	*Dypsis lutescens*	3
16	Java Plum	*Syzygium cumini*	2
17	Mango	*Mangifera indica*	2
18	Hog plum	*Spondias mombin*	2
19	Sapodilla	*Manilkara zapota*	1
20	Date palm	*Phoenix dactylifera*	1
21	Frywood	*Albizia lebbeck*	1
22	Arjun	*Terminalia arjuna*	1
23	Sonalu	*Cassia fistula*	1
24	Rubber fig	*Ficus elastica*	1

Faculty of Veterinary Science and premises

This area comprises of 30 tree species with a total count of 169 trees.

Sl. No.	Common Name	Scientific Name	Total Count
1	Mahogany	*Swietenia mahagoni*	36
2	Mango	*Mangifera indica*	20
3	Coconut	*Cocos nucifera*	17
4	Nageswar	*Mesua ferrea*	13
5	Jackfruit	*Artocarpus heterophyllus*	11
6	Areca palm	*Areca catechu*	11
7	Bakul	*Mimusops elengi*	9
8	Neem	*Azadirachta indica*	6
9	Java Plum	*Syzygium cumini*	5
10	Mahua	*Madhuca longifolia*	5
11	Frywood	*Albizia lebbeck*	4
12	Tamarind	*Tamarindus indica*	4
13	Gamari	*Gmelina arborea*	3
14	Christmas	*Araucaria columnaris*	3
15	Lychee	*Litchi chinensis*	2
16	Teak	*Tectona grandis*	2
17	Arjun	*Terminalia arjuna*	2
18	Olive	*Olea europaea*	2
19	Asian palmyra palm	*Borassus flabellifer*	2
20	Guava	*Psidium guajava*	2
21	Debadaru	*Monoon longifolium*	1
22	Chalta	*Dillenia indica*	1
23	Velvet Apple	*Diospyros blancoi*	1

Supplementary Materials

24	Jujube	*Ziziphus jujuba*	1
25	Drumstick	*Moringa oleifera*	1
26	Indian gooseberry	*Phyllanthus emblica*	1
27	Shimul	*Bombax ceiba*	1
28	Burflower	*Neolamarckia cadamba*	1
29	Akashmoni	*Acacia auriculiformis*	1
30	Hog plum	*Spondias mombin*	1

Shaheed Jamal Hossain Hall

This area comprises of 25 tree species with a total count of 405 trees.

Sl. No.	Common Name	Scientific Name	Total Count
1	Mango	*Mangifera indica*	81
2	Mahogany	*Swietenia mahagoni*	57
3	Coconut	*Cocos nucifera*	46
4	Areca palm	*Areca catechu*	37
5	Debdaru	*Monoon longifolium*	32
6	Jackfruit	*Artocarpus heterophyllus*	31
7	Areca palm	*Dypsis lutescens*	17
8	African Mahogany	*Khaya anthotheca*	14
9	Guava	*Psidium guajava*	13
10	Java Plum	*Syzygium cumini*	11
11	Neem	*Azadirachta indica*	11
12	Arjun	*Terminalia arjuna*	11
13	Olive	*Olea europaea*	8
14	Java apple	*Syzygium samarangense*	8
15	Carambola	*Averrhoa carambola*	7
16	Jujube	*Ziziphus jujuba*	7
17	Sugar apple	*Annona squamosa*	3
18	Lychee	*Litchi chinensis*	2
19	Indian gooseberry	*Phyllanthus emblica*	2
20	Jarul	*Lagerstroemia speciosa*	2
21	Pakur	*Ficus virens*	1
22	Date palm	*Phoenix dactylifera*	1
23	Pomelo	*Citrus maxima*	1
24	Hog plum	*Spondias mombin*	1
25	Bakul	*Mimusops elengi*	1

Shahjalal Hall

This area comprises of 24 tree species with a total count of 736 trees.

Sl. No.	Common Name	Scientific Name	Total Count
1	Mahogany	*Swietenia mahagoni*	366
2	Areca palm	*Areca catechu*	92

Supplementary Materials

3	Mango	*Mangifera indica*	90
4	Jackfruit	*Artocarpus heterophyllus*	53
5	Coconut	*Cocos nucifera*	48
6	Hog plum	*Spondias mombin*	14
7	Java Plum	*Syzygium cumini*	12
8	African Mahogany	*Khaya anthotheca*	9
9	Lychee	*Litchi chinensis*	6
10	Indian gooseberry	*Phyllanthus emblica*	5
11	Pomelo	*Citrus maxima*	5
12	Arjun	*Terminalia arjuna*	5
13	Jujube	*Ziziphus jujuba*	4
14	Guava	*Psidium guajava*	4
15	Bokul	*Mimusops elengi*	4
16	Java apple	*Syzygium samarangense*	3
17	Akashmoni	*Earleaf acacia*	3
18	Olive	*Olea europaea*	3
19	Koroi	*Albizia lebbeck*	2
20	Carambola	*Averrhoa carambola*	2
21	Debdaru	*Monoon longifolium*	2
22	Neem	*Azadirachta indica*	2
23	Tall	*Borassus flabellifer*	1
24	Christmas	*Mahua*	1

Accounts Section, BAURES, TSC premises

This area comprises of 20 tree species with a total count of 738 trees.

Sl. No.	Common Name	Scientific Name	Total Count
1	Mahogany	*Swietenia mahagoni*	529
2	Debdaru	*Monoon longifolium*	61
3	Akashmoni	*Acacia auriculiformis*	26
4	Coconut	*Cocos nucifera*	26
5	Jackfruit	*Artocarpus heterophyllus*	17
6	Mango	*Mangifera indica*	14
7	Arjun	*Terminalia arjuna*	8
8	Bakul	*Mimusops elengi*	7
9	Koroi	*Albizia lebbeck*	6
10	Java Plum	*Syzygium cumini*	6
11	Tamarind	*Tamarindus indica*	6
12	Teak	*Tectona grandis*	5
13	Guava	*Psidium guajava*	5
14	Jujube	*Ziziphus jujuba*	4
15	Eucalyptus	*Eucalyptus globulus*	4
16	Java Plum	*Syzygium cumini*	4

17	Burflower	*Neolamarckia cadamba*	2
18	Date palm	*Phoenix dactylifera*	2
19	Christmas	*Araucaria columnaris*	2
20	Chalta	*Dillenia indica*	1
21	Lychee	*Litchi chinensis*	1
22	Tanpura	*Lagenaria siceraria*	1
23	Krisnochura	*Delonix regia*	1

Jobber moor to 1st Gate Railroad

This area comprises of 23 tree species with a total count of 929 trees.

Sl. No.	Common Name	Scientific Name	Total Count
1	Mahogany	*Swietenia mahagoni*	448
2	Akash Moni	*Acacia auriculiformis*	194
3	Arjuna	*Terminalia arjuna*	97
4	Frywood	*Albizia lebbeck*	68
5	Areca palm	*Areca catechu*	42
6	Mango	*Mangifera indica*	30
7	Jackfruit	*Artocarpus heterophyllus*	12
8	Mahua	*Madhuca longifolia*	6
9	Mala Palm	*Corypha umbraculifera*	6
10	Drumstick	*Moringa oleifera*	4
11	Date palm	*Phoenix dactylifera*	4
12	Burflower	*Neolamarckia cadamba*	3
13	Guava	*Psidium guajava*	2
14	Custard Apple	*Annona reticulata*	2
15	Shimul	*Bombax ceiba*	2
16	Jujube	*Ziziphus jujuba*	2
17	Asian palmyra palm	*Borassus flabellifer*	1
18	Cluster fig	*Ficus racemosa*	1
19	Hijol	*Barringtonia acutangula*	1
20	Sal	*Shorea robusta*	1
21	Tamarind	*Tamarindus indica*	1
22	Coconut	*Cocos nucifera*	1
23	Velvet Apple	*Diospyros blancoi*	1

Farm Area (F_A)

Tree species count within F_{AS}

Farm area south (F_{AS}) consists of 72 tree species that counts a total of 9845 trees. The largest number was calculated for Mango that consists of 24% of the total count.

BFRI Area

This area comprises of 28 tree species with a total of 1633 trees. Among them the major species are Mango, Mahogany, and Debdaru. The other species are Indian rosewood (10), Jackfruit (16),

Supplementary Materials

Lychee (20), Frywood (12), Bottle palm (5), Date palm (20), and Auri (4), Guava (5), Java plum (6), Teak (6), Coconut (10), Jujube (5), Burflower (2), Banyan (1), Royal poinciana (6) and Neem (1).

Fazlul Haque Hall

This area comprises of 22 tree species with a total of 387 trees.

Sl. No.	Common Name	Scientific Name	Total Count
1	Mahogany	*Swietenia mahagoni*	165
2	Debadaru	*Monoon longifolium*	62
3	Areca palm	*Areca catechu*	38
4	Coconut	*Cocos nucifera*	23
5	Guava	*Psidium guajava*	19
6	Eucalyptus	*Eucalyptus globulus*	17
7	Areca palm	*Dypsis lutescens*	13
8	Akashmoni	*Acacia auriculiformis*	9
9	Jujube	*Ziziphus jujuba*	7
10	Indian gooseberry	*Phyllanthus emblica*	5
11	Hog plum	*Hog plum*	5
12	Java Plum	*Syzygium cumini*	4
13	Jarul	*Lagerstroemia speciosa*	4
14	Gab	*Diospyros discolor*	3
15	Java apple	*Syzygium samarangense*	2
16	Pomelo	*Citrus maxima*	2
17	Bottle brush	*Callistemon spp.*	2
18	Krisnochura	*Delonix regia*	2
19	Bottle Palm	*Hyophorbe lagenicaulis*	2
20	Shimul	*Bombax ceiba*	1
21	Jhau	*Tamarix dioica*	1
22	Burflower	*Neolamarckia cadamba*	1

Aam Bagan to BFRI road

This area comprises of 30 tree species with a total of 1295 trees.

Sl. No.	Common Name	Scientific Name	Total Count
1	Areca palm	*Areca catechu*	538
2	Mango	*Mangifera indica*	263
3	Debadaru	*Monoon longifolium*	84
4	Eucalyptus	*Eucalyptus globulus*	74
5	Coconut	*Cocos nucifera*	67

Supplementary Materials

6	Lychee	*Litchi chinensis*	34
7	Mahogany	*Swietenia mahagoni*	31
8	African Mahogany	*Khaya anthotheca*	29
9	Jackfruit	*Artocarpus heterophyllus*	26
10	Frywood	*Albizia lebbeck*	26
11	Date palm	*Phoenix dactylifera*	22
12	Asian palmyra palm	*Borassus flabellifer*	17
13	River tamarind	*Leucaena leucocephala*	13
14	Guava	*Psidium guajava*	12
15	Oil palm	*Elaeis guineensis*	9
16	Cluster fig	*Ficus racemosa*	7
17	Neem	*Azadirachta indica*	6
18	Bottlebrushes	*Callistemon spp.*	6
19	Shimul	*Bombax ceiba*	4
20	Rain tree	*Samanea saman*	4
21	Pomelo	*Citrus maxima*	3
22	Sheora	*Streblus asper*	3
23	Gum arabic tree	*Vachellia nilotica*	3
24	Akashmoni	*Acacia auriculiformis*	3
25	Jujube	*Ziziphus jujuba*	3
26	Drumstick	*Moringa oleifera*	2
27	Java Plum	*Syzygium cumini*	2
28	Java apple	*Syzygium samarangense*	2
29	Sapodilla	*Manilkara zapota*	1
30	Rubber fig	*Ficus elastica*	1

BAU Germplasm Center – GPC

The BAU-GPC comprises of 141 species with a total of 3921 trees. Among them the major species are shown in the table below.

Sl. No.	Common Name	Scientific Name	Total Count
1	Mango	*Mangifera indica*	326
2	Guava	*Psidium guajava*	224
3	Java apple	*Syzygium samarangense*	78
4	Pomelo	*Citrus maxima*	61
5	Indian gooseberry	*Indian gooseberry*	38
6	Litchi	*Litchi chinensis*	28
7	Jujube	*Ziziphus mauritiana*	26
8	Longan	*Dimocarpus longan*	25
9	Carambola	*Averrhoa carambola*	22
10	Rambai	*Baccaurea motleyana*	22
11	Bel	*Aegle marmelos*	20
12	Avocado	*Persea americana*	19
13	Rambutan	*Nephelium lappaceum*	19
14	Olive	*Olea europaea*	15

15	Tamarind	*Tamarindus indica*	15
16	Sapodilla	*Manilkara zapota*	13
17	Jackfruit	*Artocarpus heterophyllus*	12
18	Cashew	*Anacardium occidentale*	7
19	Pear	*Pyrus pyrifolia*	5
20	Velvet apple	*Diospyros discolor*	5
21	Ficus	*Ficus benjamina*	4
22	Cherry	*Prunus avium*	3
23	Peach	*Prunus persica*	2
24	Santol	*Sandoricum koetjape*	2
25	Chapalish	*Atocarpus chaplasha*	1
26	Drumstick	*Moringa oleifera*	1
27	Elephant apple	*Dillenia indica*	1
28	Jagdumur	*Ficus racemosa*	1
29	Java plum	*Syzygium cumini*	1
30	Let-pan	*Bombax ceiba*	1

Gymnasium area

Gymnasium area composed of 16 tree species with a total of 306 trees.

Sl. No.	Common Name	Scientific Name	Total Count
1	Mahogany	*Swietenia mahagoni*	120
2	Mango	*Mangifera indica*	92
3	Guava	*Psidium guajava*	43
4	Debadaru	*Monoon longifolium*	19
5	Jujube	*Ziziphus jujuba*	15
6	Java plum	*Syzygium cumini*	7
7	Areca palm	*Areca catechu*	4
8	Jackfruit	*Artocarpus heterophyllus*	3
9	Bakul	*Mimusops elengi*	3
10	Lychee	*Litchi chinensis*	2
11	Mahua	*Madhuca longifolia*	2
12	Elephant apple	*Dillenia indica*	1
13	Java apple	*Syzygium samarangense*	1
14	Coconut	*Cocos nucifera*	1
15	Teak	*Tectona grandis*	1
16	Hog plum	*Spondias mombin*	1

Tree species count within F_{AN}

Farm area north (F_{AN}) consists of 57 tree species that counts a total tree of 2771. The largest number was calculated for Mahogany that consists of 34% of the total count.

BINA – Residence and Office area

This area comprises of 30 tree species with a total of 1159 trees.

Supplementary Materials

Sl. No.	Common Name	Scientific Name	Total Count
1	Mahogany	*Swietenia mahagoni*	330
2	Tamarindus indica	*Syzygium cumini*	134
3	Mango	*Mangifera indica*	119
4	Wood Apple	*Limonia acidissima*	110
5	Jackfruit	*Artocarpus heterophyllus*	102
6	Guava	*Psidium guajava*	88
7	Sapodilla	*Manilkara zapota*	87
8	Maltese	*Citrus sinensis*	84
9	Orange	*Citrus reticulata*	17
10	Jujube	*Ziziphus mauritiana*	11
11	Arjun	*Terminalia arjuna*	7
12	Hog plum	*Spondias mombin*	7
13	Sugar apple	*Annona squamosa*	7
14	Tamarind	*Tamarindus indica*	6
15	Drumstick	*Moringa oleifera*	6
16	Carambola	*Averrhoa carambola*	6
17	Olive	*Olea europaea*	5
18	Pomelo	*Citrus maxima*	5
19	Boichi	*Flacourtia indica*	3
20	Rambai	*Baccaurea motleyana*	3
21	Custard apple	*Annona reticulata*	3
22	Aloo Bukhara	*Prunus domestica*	3
23	Indian gooseberry	*Phyllanthus emblica*	2
24	Rambutan	*Nephelium lappaceum*	2
25	Apple	*Malus domestica*	2
26	Longan	*Dimocarpus longan*	2
27	Cashew	*Anacardium occidentale*	2
28	Indian Bel	*Aegle marmelos*	2
29	Cacao	*Theobroma cacao*	2
30	Bottle Palm	*Hyophorbe lagenicaulis*	2

Dairy Farm

Dairy farm area comprises of 20 tree species with a total of 136 trees.

Sl. No.	Common Name	Scientific Name	Total Count
1	Mahogany	*Swietenia mahagoni*	34
2	Frywood	*Albizia lebbeck*	31
3	Areca palm	*Areca catechu*	15
4	Coconut	*Cocos nucifera*	11
5	Mango	*Mangifera indica*	11
6	Jujube	*Ziziphus jujuba*	7

7	Indian gooseberry	*Phyllanthus emblica*	5
8	Jackfruit	*Artocarpus heterophyllus*	4
9	Guava	*Psidium guajava*	3
10	Royal poinciana	*Delonix regia*	3
11	Neem	*Azadirachta indica*	2
12	Arjun	*Terminalia arjuna*	2
13	Debadaru	*Monoon longifolium*	1
14	Ipil-ipil	*Leucaena leucocephala*	1
15	Bottle palm	*Hyophorbe lagenicaulis*	1
16	Java Plum	*Syzygium cumini*	1
17	Shimul	*Bombax ceiba*	1
18	Asian palmyra palm	*Borassus flabellifer*	1
19	Bel	*Aegle marmelos*	1
20	Indian rosewood	*Dalbergia sissoo*	1

Poultry Farm

Poultry farm area comprises of 19 tree species with a total of 298 trees.

Sl. No.	Common Name	Scientific Name	Total Count
1	Mahogany	*Swietenia mahagoni*	140
2	Areca palm	*Areca catechu*	72
3	Coconut	*Cocos nucifera*	25
4	Java Plum	*Syzygium cumini*	13
5	Frywood	*Albizia lebbeck*	8
6	Mango	*Mangifera indica*	8
7	Eucalyptus	*Eucalyptus globulus*	6
8	Mahua	*Madhuca longifolia*	5
9	Jackfruit	*Artocarpus heterophyllus*	5
10	Hog plum	*Spondias mombin*	4
11	Ipil-ipil	*Leucaena leucocephala*	2
12	Bottle palm	*Hyophorbe lagenicaulis*	2
13	Jujube	*Ziziphus jujuba*	2
14	Royal poinciana	*Delonix regia*	1
15	Rubber fig	*Ficus elastica*	1
16	Banyan	*Ficus benghalensis*	1
17	Lychee	*Litchi chinensis*	1
18	Akasmoni	*Acacia auriculiformis*	1
19	Date palm	*Phoenix dactylifera*	1