



**CHECKLIST OF FLORA IN THE COLLEGE CAMPUS
AND BOTANICAL GARDEN**

NONGSTOIN COLLEGE

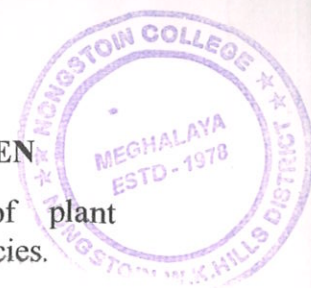
2024

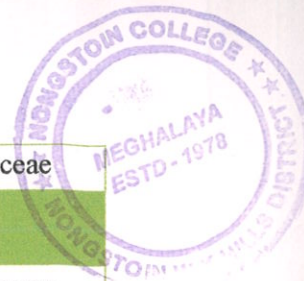
CHECKLIST OF FLORA IN THE COLLEGE CAMPUS AND BOTANICAL GARDEN

Identification of plant species: The college campus has a rich diversity of plant species. Faculty members of the Department of Botany audited and identified various plant species.

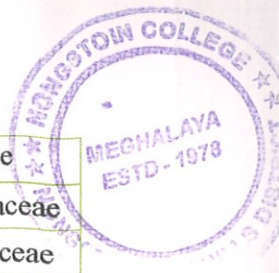
Total number of 100 plant species (approximately) belonging to different families of both cryptogams and phanerogams has been identified.

Sl. No.	Botanical name	Common/Vernacular name	Family
TREE SPECIES			
1	<i>Araucaria columnaris</i>	New Caledonian pine	Araucariaceae
2	<i>Callistemon viminalis</i>	Bottlebrush	Myrtaceae
3	<i>Camellia japonica</i>	Japanese camellia	Theaceae
4	<i>Chukrasia velutina</i>	Bogipoma	Meliaceae
5	<i>Citrus limon</i>	Sohjew	Rutaceae
6	<i>Citrus sinensis</i>	Sohniamtra	Rutaceae
7	<i>Cryptomeria japonica</i>	Ksehbilat	Cupressaceae
8	<i>Cupressus bakeri</i>	Ksehblei	Cupressaceae
9	<i>Cupressus sempervirens</i>	Ksehblei	Cupressaceae
10	<i>Docynia indica</i>	Sohphoh	Rosaceae
11	<i>Exbucklandia populnea</i>	Pipli tree	Hamamelidaceae
12	<i>Grivelia robusta</i>	Silveroak	Proteaceae
13	<i>Mangifera indica</i>	Sohpieng	Anacardiaceae
14	<i>Musa sp.</i>	Kait	Musaceae
15	<i>Myrica esculenta</i>	Sohphie	Myricaceae
16	<i>Pinus kesiya</i>	Ksekhhasi	Pinaceae
17	<i>Podocarpus neriifolius</i>	Brown pine	Podocarpaceae
18	<i>Prunus cerasoides</i>	Diengcherry	Rosaceae
19	<i>Prunus nepalensis</i>	Sohiong	Rosaceae
20	<i>Prunus persica</i>	Sohphareng	Rosaceae
21	<i>Psidium guajava</i>	Sohprium	Myrtaceae
22	<i>Saurauria madrensis</i>	Saurauria tree	Actinidiaceae
23	<i>Schima wallichii</i>	Diengngan	Theaceae





24	<i>Toonaciliate</i>	Poma	Meliaceae
SHRUBS, HERBS, FERNS, GRASSES, MOSS ES			
25	<i>Ageratumconyzoides</i>	Ksangngiem	Asteraceae
26	<i>Ambrosiaartimisifolia</i>	Kynbatjapanrit	Asteraceae
27	<i>Artemesiavulgaris</i>	Kynbadjaiaw	Asteraceae
28	<i>Begoniapalmata</i>	Jajewmaw	Begoniaceae
29	<i>Bidenspilosa</i>	Sohbyrthit	Asteraceae
30	<i>Centellaasiatica</i>	Khliangsyiar	Apiaceae
31	<i>Colocasiaesculcenta</i>	Lawang	Araceae
32	<i>Crassocephalumcrepidioides</i>	Fireweed	Asteraceae
33	<i>Curcumaaromatica</i>	Shynraikhlaw	Zingiberaceae
34	<i>Cynodondactylon</i>	Wiregrass	Poaceae
35	<i>Cyperusdifformis</i>	Ricesedge	Cyperaceae
36	<i>Cyperuserythrorhizos</i>	Redrootflatsedge	Cyperaceae
37	<i>Cyperusrotundus</i>	Purplenutsedge	Cyperaceae
38	<i>Dicranopterissp.</i>	Tyrkhang	Gleicheniaceae
39	<i>Drymariacordata</i>	Heartleaf	Caryophyllaceae
40	<i>Eleusineindica</i>	Goosegrass	Poaceae
41	<i>Erigeronkarvinskianus</i>	Kynbattiewstar	Asteraceae
42	<i>Eupatoriumadenophorum</i>	Bat iong	Asteraceae
43	<i>Fagopyrumacutatum</i>	Jarain	Polygonaceae
44	<i>Galinsogaparviflora</i>	Potato weed	Asteraceae
45	<i>Hedychiumsp</i>	Shynraikhlaw	Zingiberaceae
46	<i>Houtthyniacordata</i>	Jamyrdoh	Saururaceae
47	<i>Hypocharistradicata</i>	Jhurkthang	Asteraceae
48	<i>Lantanacamara</i>	Tiewpangkhlieh	Verbanaceae
49	<i>Osbeckiacrinita</i>	Sohthud	Melastomataceae
50	<i>Oxalislatifolia</i>	Sohdkhiew	Oxalidaceae
51	<i>Panaxpseudoginseng</i>	Jyngseng	Araliaceae
52	<i>Plantagomajor</i>	Shkorblang	Shkorblang
53	<i>Potentillafulgens</i>	Lynniang	Rosaceae
54	<i>Pouzolziahirta</i>	Memsleh	Urticaceae
55	<i>Pterissp.</i>	Tyrkhang	Pteridaceae
56	<i>Ranunculusrepens</i>	Creepingbuttercup	Ranunculaceae
57	<i>Rhussemialata</i>	Soh-ma	Anacardiaceae
58	<i>Rosaindica</i>	Diengtiew-jainheh	Rosaceae
59	<i>Rubusellipticus</i>	Sohpru	Rosaceae
60	<i>Rumexnepalensis</i>	Jaba	Polygonaceae
61	<i>Solanumbarbisetum</i>	Sohshiah	Solanaceae
62	<i>Solanumkhasianum</i>	Sohpdok	Solanaceae
63	<i>Sonchusasper</i>	Jalynniar	Compositae
64	<i>Spilanthesacmella</i>	Bad-stem	Asteraceae



65	<i>Trifolium ripens</i>	Whiteclover	Fabaceae
66	<i>Anthoceros</i>	Hornworts	Anthocerotaceae
67	<i>Marchantia</i>	Liverworts	Marchantiaceae
68	<i>Sphagnum</i>	Peatmoss	Sphagnaceae
69	<i>Thysanolaenamaxima</i>	Broom	Poaceae

SEASONAL VEGETABLES

70	<i>Allium cepa</i>	Onion	Amaryllidaceae
71	<i>Brassicaoleraceavar. capitata</i>	Cabbage	Brassicaceae
72	<i>Brassicasp.</i>	Mustard	Brassicaceae
73	<i>Brassicaoleraceavar. italica</i>	Broccoli	Brassicaceae
74	<i>Brassicaoleracea</i>	Cauliflower	Brassicaceae
75	<i>Capsicumannum</i>	GreenChilly	Solanaceae
76	<i>Colocasiaesculenta</i>	Colocasia	Araceae
77	<i>Coriandrum sativum</i>	Coriander	Apiaceae
78	<i>Curcuma longa</i>	Turmeric	Zingiberaceae
79	<i>Phaseolus vulgaris</i>	Beans	Fabaceae
80	<i>Solanum lycopersicum</i>	Tomato	Solanaceae
81	<i>Trichosanthes cucumerina</i>	Snakegourd	Cucurbitaceae
82	<i>Zingiber officinale</i>	Ginger	Zingiberaceae
83	<i>Sechium edule</i>	Chayote Squash	Cucurbitaceae

ORNAMENTAL PLANTS


84	<i>Aloe vera</i>	Aloevera	Asphodelaceae
85	<i>Alstroemeria</i>	Peruvian Lily	Alstroemeriaceae
86	<i>Antirrhinum</i>	Snapdragon	Plantaginaceae
87	<i>Aster</i>	Aster	Asteraceae
88	<i>Bougainvillea</i>	Bougainvillea	Nyctaginaceae
89	<i>Calendula</i>	Potmarigold	Asteraceae
90	<i>Chrysanthemum spp.</i>	Chrysanthemum	Asteraceae
91	<i>Cineraria</i>	Cineraria	Asteraceae
92	<i>Dahlia</i>	Dahlia	Asteraceae
93	<i>Freesia</i>	Freshers	Iridaceae
94	<i>Geranium</i>	Cranesbills	Geraniaceae
95	<i>Rosa spp.</i>	Rose	Rosaceae
96	<i>Tagetes</i>	Marigold	Asteraceae
97	<i>Dendrobium nobile</i>	Dendrobium	Orchidaceae
98	<i>Cymbidium spp.</i>	Cymbidium	Orchidaceae
99	<i>Dendrobium fimbriatum</i>	Dendrobium	Orchidaceae
100	<i>Paphiopedilum spp.</i>	Ladieslipper	Orchidaceae

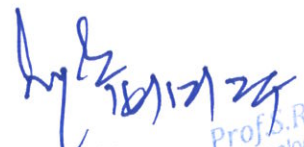


Watertank	2,500	1perday
RCCReservoir	5,000	1perweek
Girls' Hostel(02)		
Watertank	4000	1perweek
Boys' Hostel		
Watertank	1,500	1perday
RCCReservoir	5,000	1perweek

WaterUsage

WaterFilters	
Collegebuilding	2
Canteen	1
Girls' Hostel	2
Boys' Hostel	1
Wash Basins	
Collegebuilding	30
Canteen	2
Girls' Hostel(01)	12
Girls' Hostel(02)	6
Boys' Hostel	12
CommerceBlock	4
Taps	
College	46
CommerceBlock	4
Library	1
Principal's residence	4
Boys hostel	14
Girls hostel(01)	23
Girls' Hostel(02)	10
Canteen	5
Number of leaking taps and quantity	5 taps, 100 litres per day (approx)
Water Charges paid	138/- per month 1656/- per year
Total water quantity used	15,000 litres per day

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