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A Check List of Weed Plants from Bareilly College, Bareilly Campus, U.P, India

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ABSTRACT

Biodiversity of Bareilly district is very rich and also full of several types of medicinal, ornamental, timber yielding, road side woody as well as weed plants due to its situation on foot hills of Utrakhand Himalayan region and the glory of district Bareilly College flourished with pretty ornamental plants, trees, shrubs and herbs but entire year, a rich flora of weed plants are also available to attention, therefore present study carried out for assessment of weed families and plants with their common names in the college campus in last months of year 2017 . On the basis of regular survey of campus, a check list of weed plants has been prepared and plants classified under herb, under shrub, under-tree, tree categories in this work. As far as possible the important samples of the weed plants and their specimens were collected from their natural condition. Every plant specimen has been pressed and processed for herbarium preparation and identified at the Department of Botany, Bareilly College with the help of authentic literature. In situ pictures and plant specimens of every reported weed collected and arranged at the deptt. of botany. Sixty five weed plants belonging to twenty three families have been studied for record their wide range.

KEYWORDS: weeds, flora, Botanical name

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INTRODUCTION

Bareilly College Bareilly is the largest college of North Asia with vast strength of students. College is situated on 28° 21' 26.51" N, 79° 25' 12.91" E geographical position in heart of Bareilly City. With golden history, College has a very rich flora in its campus. The flora of college campus is saturated by herb, shrubs and trees. Mostly plants traversed here with their ornamental, economical and medicinal value but a fraction of plants is weeds. On the basis of regular survey of campus, a check list of weed plants has been prepared during the last three months of 2017 in this work. As far as possible the important samples of the weed plants and their specimens were collected from their natural condition. Every plant specimen has been pressed and processed for herbarium preparation and identified at the Department of Botany, Bareilly College with the help of authentic literature. In situ pictures and plant specimens of every reported weed collected and arranged at the deptt. Of botany. In this entire study of weed plants distribution in the college campus, total

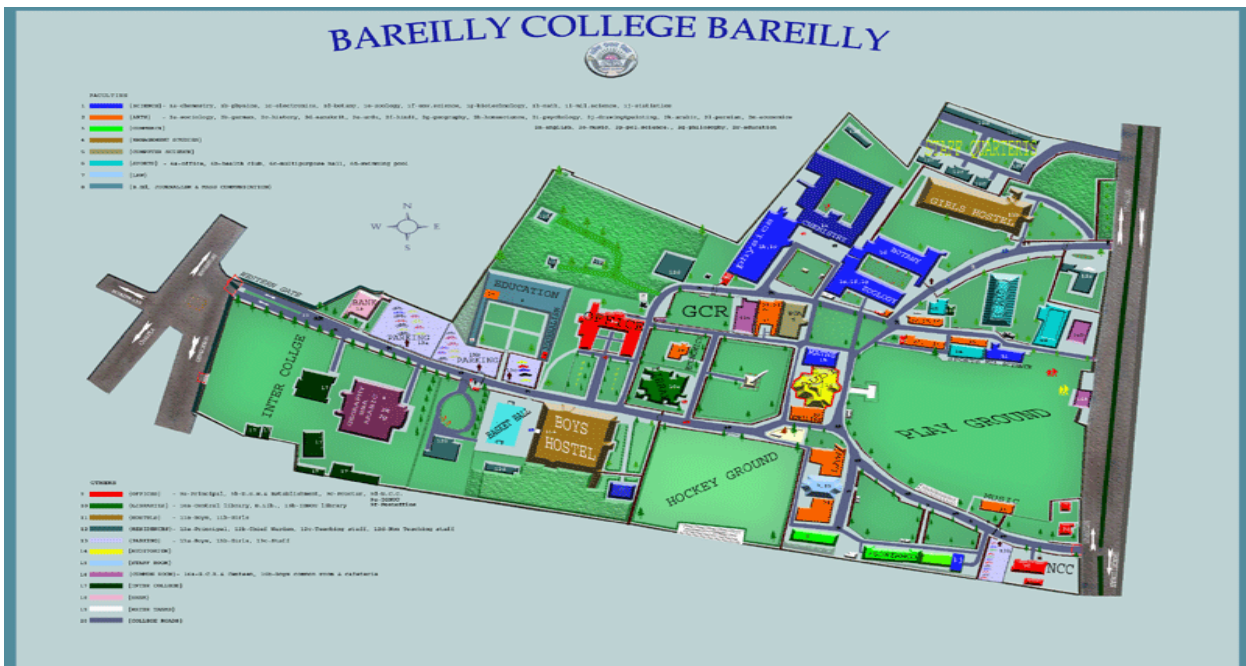


Fig: 1 Map of Bareilly College, Bareilly, U.P, India

MATERIAL AND METHOD

Many surveys were conducted during three months with a goal of estimation the diversity of weed plants in campus. All the data of this communication is personnel observation of continuously exercise. As far as possible the important samples of the weed plants and their specimens were collected from their natural condition. Every plant specimen has been pressed and processed for herbarium preparation and identified at the Department of Botany, Bareilly College with the help of authentic literature

Table: 1 List of Weed plants reported from Bareilly College, Campus

SERIAL NUMBER	COMMON NAME	BOTANICAL NAME	FAMILY	HERB/SHRUB/TREE
1	Pili buti	<i>Lindenbergia philippensis</i>	Rubiaceae	Herb
2	Snake-needle Grass	<i>Hedyotis diffusa</i>	Rubiaceae	Herb
3	Doob ghaas	<i>Cynodon dactylon</i>	Poaceae	Herb
4	Tortoise shell-bamboo	<i>Phyllostachys edulis</i>	Poaceae	Herb
5	Speedwell, bird's eye	<i>Vernonia polita</i>	Scrophulariaceae	Herb
6	Hairy Bitter Cress	<i>Cardamine hirsuta</i>	Brassicaceae	Herb
7	Alyce Clover	<i>Alysicarpus vaginalis</i>	Fabaceae	Herb
8	Karinga	<i>Taraxacum mongolicum</i>	Asteraceae	Herb
9	Lily turf	<i>Ophiopogon bodinieri</i>	Liliaceae	Herb
10	Bind weed	<i>Convolvulus ammannii</i>	Convolvulaceae	Herb
11	Khaki weed	<i>Alternanthera pungens</i>	Amaranthaceae	Herb
12	Garundi	<i>Alternanthera sessilis</i>	Amaranthaceae	Herb
13	Bhang	<i>Cannabis sativa</i>	Cannabinaceae	Herb
14	Baraira	<i>Sida acuta</i>	Malvaceae	Herb
15	Gajar ghas	<i>Parthenium hysterophorus</i>	Asteraceae	Herb
16	Amrul	<i>Oxalis corniculata</i>	Oxalidaceae	Herb
17	Makoy	<i>Solanum nigrum</i>	Solanaceae	Herb
18	Crowfoot grass	<i>Dactyloctenium aegyptium</i>	Poaceae	Herb
19	Palak ghas	<i>Amaranthus viridis</i>	Amaranthaceae	Herb
20	Lal mokoi	<i>Solanum lyratum</i>	Solanaceae	Herb
21	Pig weed	<i>Amaranthus retroflexus</i>	Amaranthaceae	Herb
22	Lusan ghas	<i>Medicago sativa</i>	Fabaceae	Herb
23	Horse weed	<i>Conyza bonariensis</i>	Asteraceae	Herb
24	Coat buttons	<i>Tridax procumbens</i>	Asteraceae	Herb
25	Kharenti	<i>Malvastrum coromandelianum</i>	Malvaceae	Herb
26	Motha	<i>Cyperus rotundus</i>	Cyperaceae	Herb
27	Dudhi	<i>Euphorbia hirta</i>	Euphorbiaceae	Herb
28	Creeping Euphorbia	<i>Euphorbia humifusa</i>	Euphorbiaceae	Herb
29	Bhringraj	<i>Eclipta prostrata</i>	Asteraceae	Herb
30	Sow thistle	<i>Sonchus oleraceus</i>	Asteraceae	Herb
31	Kundururu	<i>Coccinia grandis</i>	Cucurbitaceae	Climber
32	Sahadevi	<i>Vernonia cinerea</i>	Asteraceae	Herb
33	Knghi Ghas	<i>Abutilon indicum</i>	Malvaceae	Shrub
34	Alligator weed	<i>Alternanthera philoxeroides</i>	Amaranthaceae	Herb
35	Green fox tail	<i>Setaria viridis</i>	Poaceae	Herb
36	Chaff flower	<i>Achyranthes aspera</i>	Amaranthaceae	Herb
37	Butternut pumpkin	<i>Cucurbita moschata</i>	Cucurbitaceae	Climber
38	Chick weed	<i>Stellaria media</i>	Caryophyllaceae	Herb
39	Hajarmani	<i>Phyllanthus urinaria</i>	Euphorbiaceae	Herb
40	Jangli pudina	<i>Ageratum conyzoides</i>	Asteraceae	Herb
41	Kasunda	<i>Senna occidentalis</i>	Fabaceae	Herb
42	Samkru	<i>Coix lacryma</i>	Poaceae	Herb
43	Jhingari	<i>Eleusine indica</i>	Poaceae	Herb
44	Endi	<i>Ricinus communis</i>	Euphorbiaceae	Shrub
45	Kuppu	<i>Achlypha indica</i>	Euphorbiaceae	Herb
46	Kanta chaulai	<i>Amaranthus spinosus</i>	Amaranthaceae	Herb
47	Neel	<i>Anagalis arvensis</i>	Primulaceae	Herb
48	Coral Vine	<i>Antigonon leptopus</i>	Polygonaceae	Climber
49	Blanket grass	<i>Axonopus comprasus</i>	Poaceae	Herb
50	Punarnava	<i>Boerhavia diffusa</i>	Nyctaginaceae	Herb
51	Makra	<i>Brachiaria ramosa</i>	Poaceae	Herb
52	Panwar	<i>Cassia tora</i>	Fabaceae	Shrub
53	Fingergrass	<i>Chloris barbata</i>	Poaceae	Herb

54	Bari kasondi	<i>Cassia occidentale</i>	Fabaceae	Shurb
55	Ban tulsi	<i>Croton bonplandianum</i>	Euphorbiaceae	Herb
56	Daman pappar	<i>Oldenlandia corymbosa</i>	Rubiaceae	Herb
57	Paper-bhed	<i>Oldenlandia herbacea</i>	Rubiaceae	Herb
58	Amrul	<i>Oxalis corniculata</i>	Oxalidaceae	Herb
59	Safed aak	<i>Calotropis gigantea</i>	Asclepiadaceae	Shrub
60	Bathua	<i>Chenopodium album</i>	Chenopodiaceae	Herb
61	Christ Plant	<i>Euphorbia milli</i>	Euphorbiaceae	Under Shrub
62	Ram tulsi	<i>Ocimum basillicum</i>	Lamiaceae	Under Shrub
63	Tulsi	<i>Ocimum sanctum</i>	Lamiaceae	Under Shrub
64	Champa	<i>Magnolia champaca</i>	Magnoliaceae	Tree
65	Rose cascade	<i>Calliandra haematocephala</i>	Fabaceae	Under Tree

RESULTS AND DISCUSSION

This study of weed plants shows the occurrence of 65 plant species under 44 genera and 23 families of Angiosperms in the College Campus in the last three months of 2017. The list of plant species with their common names of species followed by Botanical names

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