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FLORA OF FERGUSSON COLLEGE CAMPUS, PUNE, INDIA: MONITORING CHANGES OVER HALF A CENTURY

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Abstract: The present study was aimed at determining the vascular plant species richness of an urban green-space: the Fergusson College campus, Pune and comparing it with the results of the past flora which was documented in 1958 by Dr. V.D. Vartak. For this, the species richness data was obtained by both secondary sources and intensive surveys from 2009–2014. The data from the primary and secondary sources resulted in the documentation of 812 species belonging to 542 genera under 124 families, of which 534 species (65.8%) exists today as compared to 654 in 1958 (net loss of 120 species). Of the 812 species listed, 278 species were observed only during the past, 210 species were exclusively recorded in the current survey and 324 species were observed both, in the past as well as current survey. Arboreal species richness recorded till date (196) in the campus accounts for 40.7% of that of the entire Pune City. Leguminosae and Poaceae were the dominant dicotyledonous and monocotyledonous families respectively and an inventory of all the species recorded is provided. Although the botanical garden over the past years has lost 187 species, it still houses rare species such as Acacia gregii, which has been reported from Maharashtra for the first time. Considering the rapidly changing urban land use in the city, much attention should be paid towards the conservation of these green spaces, for which such studies provide baseline data.

Keywords: Pune, urban green-scape, floristics, Fergusson College, checklist

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Author Contribution: ANN, SAL conceived the study and collated data. ANN, AAQ, SAL, SLL conducted field work, SLL and MCM provided past records, ANN wrote the paper.

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INTRODUCTION

With the increase in urbanization, studies focusing on urban ecology have developed rapidly in recent years (Celesti-Grapow 2006). Within urban ecosystems, themes like the flora in and around human settlements have been in the lime light in recent decades (Pyšek 1998; Aronson et al. 2014). Floristically, cities have been observed to be richer than adjoining areas owing to high habitat heterogeneity as well as the presence of exotic species (Pyšek 1998; Chocholoušková 2003). In cities, urban green spaces are of great importance because of the multiple ecosystem services they provide (Nehru et al. 2012) and may exist in the form of domestic, public or botanical gardens, unused fields, woodlands (Smith et al. 2006; Primack & Miller-Rushing 2009; Kitha & Lyth 2011), campuses of educational institutes (Suressh & Bhat 2000) or urban forests/ wildscapes (Joshi & Kumbhojkar 1997; Nerlekar & Kulkarni 2015).

Flora around the city of Pune (formerly Poona) has been indirectly dealt with in pioneering works on the flora of western India such as Graham (1839), Nairne (1894), Talbot (1894), Woodrow (1897–1898), Cooke (1903–08), Blatter & McCann (1935), Dalzell & Gibson (1861) along with several regional studies like Burns & Chakravet (1921), Narayanayya (1928), Garland (1931), Razi (1952), Vartak (1959a,b,c), Gunajtkar & Vartak (1982), Vartak & Ghaite (1983), and Ghaite (1993). The compilations available for floristic diversity of Maharashtra State also partly and indirectly deal with Pune City’s flora (Almeida 1996–2009; Lakshminarasimhan 1996; Singh & Karthikeyan 2000; Singh et al. 2001; Lakshminarasimhan et al. 2012). Studies including Ezekiel (1917–1918), Phadnis (1925), Burns (1931), Puri & Mahajan (1958), Vartak (1958a, b; 1962, 1964), Puri & Jain (1960), Varapandape (1974), Ghaite & Vartak (1981), Bonde (1988), Kulkarni et al. (1989), Nagare et al. (1990), Joshi et al. (1992, 1994), Kulkarni & Kumbhojkar (1995), Joshi & Kumbhojkar (1997), Datar & Ghaite (2006), Patwardhan & Gandhe (2000–2001), Ranade (2000–2001), Punalekar et al. (2010), Ingalhalikar & Barve (2010), and Nerlekar & Kulkarni (2015) deal with the city flora more directly.

Flergusson College (run by the Deccan Education Society and named after Sir James Fergusson, the then Governor of Bombay) was formally inaugurated on 2 January 1885. The foundation stone of the present college campus was laid in 1892, which only comprised the main building back then (Limaye 1935). The late Wrangler R.P. Paranjpye once described the landscape as “bare land which did not produce even decent grass during the rainy season” (Limaye 1935). At that time, the study area was isolated from the main city and sustained stunted scrub vegetation, which is evident from archival photographs and literature. Fergusson College campus is located in Pune City, Maharashtra, India (18°31’17.75”N & 73°50’20.17”E) with a 109-acre area (Fig. 1). The campus can be divided into two sections: the main campus which consists of century old gothic-styled buildings and forms a woodland ecosystem at present with well grown tall to moderate sized trees intermixed with herbaceous growth, both native and exotic in nature.

The second section is the Fergusson Hill that lies towards the west of the main campus. This hill was once connected to the adjoining larger Vetal hill-complex, but was fragmented due to the construction of the Senapati Bapat road in the 1960s (Nalavade 2001). The original vegetation type of the hill is tropical southern dry mixed deciduous (Type 5A/C3) as classified by Champion & Seth (1968) with the underlying rock being basalt. The perennial Mutha left bank canal used to flow through the college campus till the 1970s but has since then become defunct after the Panshet flood which affected thousands during 1961 (Fig. 2). The remnants of the canal in the form of depressions and small bridges are still seen on campus.
METHODS

The entire work was undertaken from June 2009–December 2014. For the first two years (June 2009–May 2011), the surveys were opportunistic in nature, but from June 2011 onwards up to December 2014, extensive and well-planned efforts were made. The study was divided into two sections:

a) **Primary data** - obtained from extensive and exhaustive ground surveys where on an average, from June 2011–December 2014, each field session lasted for about 2hr for three such days a week and thus about 1000+hr effort for three years (assuming four weeks per month and not counting the efforts from June 2009 to May 2011). Efforts for other projects in the same study area overlapped with the present work and thus the exact number of hours spent are rather difficult to arrive at.

Specimens were identified on the field following Cooke (1903–1908), Lakshminarasimhan (1996), Singh & Karthikeyan (2000), Singh et al. (2001), Ingalhalikar & Barve (2010), and Potdar et al. (2012). Garden exotics were confirmed from the online database of Flowers of India (2014) and also from experts (acknowledged). Only doubtful specimens were collected for critical examination in the laboratory. All the scientific and family names were checked using The Plant List (2014). Specimens were processed for mounting following...
standard protocol (Jain & Rao 1977) and voucher specimens of selected species are deposited in the herbarium of the Botany department, Fergusson College and a few rare ones at BSI (WRC).

b) Secondary data - extensive literature surveys were carried out and all publications that mention plants from the campus are extracted and cited. Simultaneously, herbarium data from the herbarium of Agharkar Research Institute (AHMA), the Herbarium of Botany Department, Pune University and the Herbarium of Botany Department, Fergusson College were extracted. Current and past faculties as well as students from the Botany Department of Fergusson College were also consulted for additional inputs.

A comprehensive checklist was drafted on uniting the data from all the aforementioned sources, which includes current as well as past status of occurrence for each species. This assessment was done for all vascular plants including gymnosperms as well as pteridophytes. Lower cryptogams including algae and fungi were not assessed, but a brief literature review is presented.

RESULTS

A total of 812 species belonging to 542 genera under 124 families in total have been recorded in the past as well as present. Out of these, 534 species (belonging to 397 genera and 99 families) are currently present in the campus as revealed in the 2011–2014 survey (Fig. 3). The detailed inventory of the species is provided in Table 1 and some peculiar species are depicted in Images 1–3. Overall, trees are represented by 196 species and the rest of the species (616) are non-woody. Of all the 196 trees, 105 (53.6%) are native and the rest exotic. Pune City houses about 482 arboreal species (Ingalhalikar & Barve 2010) and arboreal species richness of the Fergusson campus till date accounts for almost 40.7% of Pune City’s richness. Out of these total 196 trees, 152 species still exist on campus. Out of the total 812 species documented, 278 species that were observed in the past could not be seen during the current survey. Two-hundred-and-ten species were exclusively recorded in the current survey, which were not recorded earlier and 324 species were observed in the past as well as during the current surveys. Leguminosae was found to be the dominant family in dicotyledons and Poaceae in monocotyledons. A comparative species composition account of the analysis by Vartak (1958a) with the current survey of selected families is provided in Fig.4. However, the results may not be comparable in the true sense as the methodology followed by the earlier researchers might not be exactly replicated and the present findings are rather baseline broader-level indicative changes and minor intricacies might need to be amended in the near future.

Special mention should be made of two species from the campus: Syzygium heyneanum (Duthie) Gamble

![Comparative floristic analysis of the present and past flora.](image)

**Figure 3.** Comparative floristic analysis of the present and past flora.

P.S.- The recent taxonomic changes have not been incorporated in the analysis of Vartak (1958) due to absence of raw data and thus the values are not ammended. Thus this comparison should not be considered as final unless the two datasets are comparable taxonomically.

![Comparative species composition of selected families](image)

**Figure 4.** Comparative analysis of selected families from the campus. Most dominant families have been selected for the comparision. We hereby take into account the recent taxonomic changes as follows: Papilionaceae, Caesalpiniaceae and Mimosaceae have been merged to a broader Leguminosae; Malvaceae, Tiliaceae, Bombacaceae and Sterculiaceae are included in the broadly defined Malvaceae; Euphorbiaceae, Putranjivaceae and Phyllanthaceae have been retained in Euphorbiaceae for the sake of comparision. Lamiaceae, Verbenaceae and Liliaceae have not been included due to recent taxonomic changes that render a comparison impossible without knowing the raw data of Vartak (1958a).
plants that are probably the only surviving specimens within Pune City (S. Ingalhalikar pers. comm. 2015). This species was earlier known from Vithalwadi along the Mula-Multha River (Ingalhalikar & Barve 2010) and all plants around Pune were destroyed in the subsequent years due to several anthropogenic activities. *Acacia greggii* A. Gray (identified by S. Ingalhalikar), an exotic plant, has been reported for the first time from Maharashtra. A single well grown plant is seen in the botanical garden. During the initiative for enlisting arboreal flora of the campus by Mahajan (2006), this plant (with label B1/P1-157) was misidentified as *Acacia leucophloea* (Roxb.) Wild. Several European and American botanists used to visit the botanical garden in its early years and we suppose that propagules of this species were brought by them (Vartak 1981).

Out of the total 812 species documented over all, 437 species (54.5%) were also reported from the Fergusson College Botanical Garden (FCBG) and out of these 250 (30.8%) are present today in FCBG with a loss of 187 species over time. The most cited specimens (including the herbarium records) are represented in Fig. 5. In all, 30 publications mention species occurring in the Fergusson campus (either indirectly or directly) which have been cited in Table 1. The earliest publication is by Deshpande (1938) and the most number of publications has been recorded in the decade from 2001 to 2010 followed by the decade from 1951 to 1960.

Even if the lower cryptogamic flora from the campus has been excluded in the present analysis, we wish to highlight selected publications. Pandkar (2012) reported a rare algae *Oedocladium prescottii* from the soil around the Physics Department whereas 13 aero-algal forms were recorded in the campus (Pandkar 2011). Pandkar et al. (2010) explored the terrestrial and sub-aerial algal diversity from the campus and found Cyanophyta (30 forms) to be most dominant, followed by Chlorophyta (11 forms) and Bacillariophyta (3 forms). Vaidya et al. (2009) reported 22 species belonging to six genera of arbuscular mycorrhizal fungi from the campus.

**DISCUSSION**

From the results it is clear that there has been a distinct decline in species richness over more than 50 years. Vartak (1958a) reported 654 species as compared to the present 534 species (a loss of 120). The arboreal species composition does not seem to be affected significantly and instead has risen by 32 species (from 120 in 1958 to 152 at present). It is important to note that inspite of the changes in species richness dominant families including Leguminosae, Malvaceae, Apocynaceae and Euphorbiaceae have not seen drastic fluctuations in richness whereas Orchidaceae and Asteraceae do show a negative trend while Poaceae has shown additions. The species which were cited maximally (Fig.5) belonged to either two categories—ones which were/are locally rare such as *Parmentiera cereifera* Seem., *Sterculia guttata* Roxb., *Elaeocarpus ganitrus* Roxb. ex G.Don, *Encephalartos* sp., and those which are relatively common introduced exotics like *Albizia saman* (Jacq.) Merr., *Sterculia foetida* L., *Ceiba pentandra* (L.) Gaertn. and *Swietenia mahagoni* (L.) Jacq.
The 210 species which are newly recorded as additions to the old flora are predominantly exotic ornamentals, whereas the 278 species reported as extirpated consist of ornamentals as well as several rare exotics and endangered indigenous species. Even if the decade from 2001–2010 shows the maximum publications mentioning species records from the campus, most of them either deal with species cultivated for experimental purposes or indirect records; whereas publications from the period 1951–1970 deal more directly with the floristics of the campus. The present compilation should not be considered as a complete enumeration of the campus flora. We are well aware of the limitations of the present study and families like Cyperaceae, Poaceae and some exotic ornamentals are predicted to show more richness on critical examination.

Vartak in his analysis of the campus flora (1958a) had put forth his desire to compile a comprehensive flora for the campus after collection of adequate data in the future. The unavailability of the complete floristic account of the campus till date has also resulted in our lack of understanding about the vegetation that can thrive under pronounced human influence (Ranade 2000–2001). Thus the current work stands as an important, much awaited baseline document for all further studies with respect to the campus and we hope that it would be updated periodically in the future.

The Fergusson Botanical garden

Botanical gardens are of tremendous research importance as they help conserve rare, endemic plants (Fay 1992), contribute to supplying live material for biosystematic studies, preparation of local floras, monographs (Naik 2000) and even climate change research (Primack & Miller-Rushing 2009). In light of increasing student strength, FCBG was established in 1902 by the late Prof. Shevade, the then professor of Botany and developed later by the late Prof. D. L. Dixit (Vartak 1958a). FCBG was once a well-known garden in western Maharashtra complete with a rich assemblage of rare species (Vartak 1958a; 1964; Wagh 1996), but underwent great destruction after the Panshet flood (1961) and the drought which followed (Vartak 1964; Wagh 1996). FCBG once had a well-planned fernery, rockery, a well maintained habitat for aquatic plants along with separate sections for plants arranged...
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according to families (Vartak 1958a). Apart from some efforts in the form of infrastructure development (grants during 1998 by the Pune-Bremen Association and during 1999 by the Department of Environment and Forests, Govt. of India) and in 2003 during the garden’s centenary year (Anonymous 2003), it has seen great degradation recently (Anonymous 2002; Satam 2011) and needs to be urgently maintained. The loss of rare and well grown plants from the garden including *Encephalartos* sp., *Garcinia livingstonei* T. Anderson, *Elaeocarpus ganitrus*, *Dillenia indica* L., *Coccoloba uvifera* (L.) L., *Chloroxylon swietenia* DC., *Eulophia pratensis* Lindl. and *Saccopetalum tomentosum* Hook.f. & Thomson is indeed significant. Most of these species are also some of the most cited ones (refer Fig. 5). Until 1996, specimens required for undergraduate studies were grown in the garden itself and also provided material for the Certificate course in Nursery Development which was functional back then (Wagh 1996). After the establishment of postgraduate courses at the University of Poona in 1948, FCBG slowly started losing its importance; which is evident from the fact that 15 to 30 gardeners were employed at the beginning (Vartak 1981) which reduced to four by 2000 (A.C. Inamdar pers.comm. 2015). It still has some important heritage trees (for Pune City) at present for example *Acacia greggii*, *Araucaria cunninghamii* Mudie, *Parmentiera cereifera*, *Terminalia bellirica* (Gaertn.) Roxb., *Pterygota alata* (Roxb.) R.Br., *Cedrela toona* Roxb.ex Rottler, *Dendrocalamus giganteus* Munro and *Gardenia latifolia* Aiton which need to be conserved.

The herbarium of the Botany department of this college also houses a rich collection of specimens collected from the campus (Image 5).

The Fergusson hill

The hill today presents a mosaic of habitats with patches of relict scrub vegetation along with plantations (Image 4). Only some part of the southern spur of the hill and fragmented patches of the hill top retain the original forest type with the presence of *Aristida* spp., * Dichanthium* spp., *Lophopogon tridens* (Roxb.) Hack., *Acacia leucophloea* and *Flueggea leucopyrus* Willd. Mass plantations of exotics like *Gliricidia sepium* (Jacq.) Walp and *Leucaena leucocephala* (Lam.) de Wit in the past have severely affected native diversity. The *Boswellia–Lannea–Anogeissus* tree community can...
hardly be seen on the FC hill today, which is otherwise common on adjacent hills in Pune (Nerlekar & Kulkarni 2015). Several citizens use the hill regularly every day for recreational activities and thus can contribute positively towards its development. Recent unplanned afforestation programmes also pose a threat to the hill’s diversity and preserving the original dry deciduous and scrub vegetation is of urgent need. The grassland/scrub patches are a unique ecosystem by themselves and communicating this to the general public is of paramount importance.

Pune City has undergone rapid changes in land use patterns with the percentage of urban land use shooting up from 2.96 in 1977 to 20.40 in 2013 and a decline in vegetation (Ramachandra et al. 2014). Urban green spaces including this college campus are of great ecological significance as they provide multiple ecosystem services like clean air and water, sustain an array of wildlife, mitigate climate change, and reduce the heat island effect (Kitha & Lyth 2011). Thus understanding the history of biodiversity, periodic quantitative monitoring and compilation of such urban biota especially in tropical cities (Aronson et al. 2014) by conducting exhaustive surveys and engaging students in its conservation would pave the path towards conservation of this unique urban landscape.

‘Ignorance of natural history grows in direct proportion to the scarcity of natural areas in convenient proximity to where people live’ (Noss 1996). Pure sciences for instance plant taxonomy have been greatly neglected in recent years (Abrol 2013). Also, there has been a severe dearth of trained field botanists or naturalists in a broader sense (Noss 1996; Sen 2013). The decline in the willingness to carry out taxonomic work is an outcome of the fact that taxonomy has been underratted by universities (Venu 2002). Such baseline data in the form of species checklists would prove to be valuable for future conservation efforts (Check List 2015).

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Image 5. Herbarium and photographic records: A - Elaeocarpus ganitrus; B - Haematoxylon campechianum; C - Eriobotrya japonica; D - Sterculia guttata; E - Calophyllum inophyllum; F - Eulophia pratensis; G - Archival photograph of Encephalartos sp. specimen that was present at FCBG; H - Archival photograph of Encephalartos sp (female cone); I - Crateva religiosa
| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|-------|----------|---------|--------------------------|------|---------|------------|---------|
| 1     |          |         | Adhatoda vasica Nees     | N    | Y       | Vartak (1959c) | *Justice adhatoda L. (accepted name)* |
| 2     | 221      | 5825    | Andrographis echioides (L.f.) Nees | Y    | Y       | Vartak (1959c) | Rare on hills |
| 3     |          |         | Asystasia mysorensis (Roth) T. Anderson | N    | Y       | On hill |
| 4     |          |         | Barleria cristata L.      | N    | Y       |          |
| 5     |          |         | Barleria prionitis L.     | N    | Y       |          |
| 6     | 8473     | 5869    | Beloperone aurantiaca (Hook.) Benth. & Hook. f. | Y    | N       |          | *Justice auestera V.A.W. Graham (unresolved name)* |
| 7     | 26952    |         | Beloperone oblongata Nees | Y    | N       |          | *Justice plumagojinfolia J. Jacq. (unresolved)* |
| 8     |          |         | Blepharis moderatapatenis (L.) B. Heyne ex Roth | N    | Y       | Seen at hill-base |
| 9     | 4890     | 5879    | Blepharis molluginifolia Pers. | Y    | Y       |          | *Blepharis integrifolia (L.) E. Mey. & Drège ex Schinz (accepted name)*, On hill |
| 10    | 8333     | 5892    | Crossandra undulifolia Salisb. | Y    | Y       |          | *Crossandra infundibuliformis (L.) Nees (accepted name)* |
| 11    | 7936     | 5893    | Dianthera secunda (Vahl) Griseb. | Y    | N       |          | *Justice secunda Vahl (accepted name)* |
| 12    |          |         | Dicentra paniculata (Forssk.) I. Darbysh. | N    | Y       |          | *Peristrophe paniculata (Forssk.) Brummitt (synonym)* |
| 13    |          |         | Ecbolium ligustrinum (Vahl) Vollesen | N    | Y       | Around Kimaya |
| 14    |          |         | Haplanthus nilferrensis Wight | N    | Y       |          |
| 15    |          |         | Hemigraphis repanda (L.) Hallier f. | N    | Y       |          |
| 16    | 12534    | 6007    | Justicia gendarussa Burm. f. | Y    | Y       | As a hedge plant |
| 17    |          |         | Justicia heterocarpa T. Anderson | N    | Y       |          |
| 18    | 5755     | 6011    | Justicia micrantha (Dorst.) V.A.W. Graham | Y    | N       |          |
| 19    | 6016     |         | Justicia procumbens L.     | Y    | N       |          |
| 20    | 6028     |         | Justicia quinqueangularis K.D. Koernig ex Roxb. | Y    | N       |          |
| 21    | 3616     |         | Justicia simplex D. Don    | Y    | N       | *Justice japonica Thunb. (accepted name)* |
| 22    | 10316    |         | Lepidagathis crisdata Willd. | Y    | Y       | Name unresolved. Seen on hill |
| 23    | 9353     |         | Meyenia hawtayneana Nees    | Y    | N       | Name unresolved. *Thunbergia hawtayneana Wall. (unresolved name)* |
| 24    |          |         | Pseudanthemum laxiflorum (A. Gray) F.T. Hubb. ex L.H. Bailey | N    | Y       |          |
| 25    | 10249    |         | Ruellia patula Jacq.       | Y    | N       |          |
| 26    |          |         | Ruellia simplex C. Wright  | N    | Y       | Growing around main building |
| 27    | 3687     | 6113    | Ruellia tuberosa L.        | Y    | N       |          |
| 28    | 4456     | 6145    | Sanchezia nobilis Hook.    | Y    | N       |          |
| 29    | 4030     | 6146    | Thunbergia alata Bojer ex Sims | Y    | N       |          |
| 30    | 4056     | 6148    | Thunbergia erecta (Benth.) T. Anderson | Y    | N       | *Meyenia erecta Benth. (synonym)* |
| 31    |          |         | Thunbergia fragrans Roxb.   | N    | Y       | Occasional on hedges |
| 32    |          |         | Thunbergia grandiflora (Roxb. ex Rottl.) Roxb. | N    | Y       |          |
| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 33     | 8213     |         | Acoraceae                | Y N  | Y       | Vartak (1959c), Vartak (1981) |         |
| 34     | 3921     |         | Amaranthaceae            | Y Y  | Y       | Vartak (1959c) | Abundant |
| 35     | 26220    |         | Aerva lanata (L.) Juss.  | Y N  |         |            |         |
| 36     | 9304     | 26204   | Alternanthera brasiliana (L.) Kuntze | N Y  |         | Around Maths department |         |
| 37     | 4006     | 26213   | Alternanthera sessilis (L.) R. Br. ex DC. | Y Y  |         | Weed |         |
| 38     | 21449    |         | Amaranthus caudatus L.   | Y N  |         |            |         |
| 39     | 5363     | 26218   | Amaranthus paniculatus L. | Y N  |         | Amaranthus cruentus L. (accepted name) |         |
| 40     | 26208    |         | Amaranthus spinosus L.    | Y Y  |         |            |         |
| 41     | 9439     |         | Atriplex hortensis L.     | Y Y  |         | Vartak (1959c) |         |
| 42     | 9648     |         | Celosia argentea L.       | Y N  |         |            |         |
| 43     | 9848     |         | Chenopodium album L.      | Y N  |         |            |         |
| 44     | 4995     | 6721    | Gomphrena celosioides Mart. | Y N  |         | Digera arvensis Forssk. (accepted name) |         |
| 45     | 9292     | 6728    | Gomphrena globosa L.      | Y Y  |         |            |         |
| 46     |          |         | Amaryllidaceae            |      |         |            |         |
| 47     | 14181    |         | Zephyranthes rosea Lindl. | Y Y  |         |            |         |
| 48     | 00065    |         | Anacardiaceae             |      |         |            |         |
| 49     | 1309     |         | Anacardium occidentale L. | Y N  |         | Vartak (1959c) | Planted at staff quarters by G.V. Kelkar (P.S. Karekar pers. comm. 2015) |
| 50     | 215      |         | Crinum asiaticum L.       | Y Y  |         |            |         |
| 51     | 4452     |         | Haemanthus katharinae Baker | Y Y  |         | Scadoxus multiflorus subsp. katharinae (Baker) Friis & Nordal (accepted name) |         |
| 52     | 1312     |         | Buchanania lanzan Spreng. | Y N  |         | Buchanania cochinchinensis (Lour.) M.R. Almeida (accepted name) |         |
| 53     | 1327     |         | Lannea coromandelica (Houtt.) Marr. | Y Y  |         | Vartak (1964), Nalavae (2001) Occasional on hill and one specimen at FCGRG |         |
| 54     | 510      | 1330    | Mangifera indica L.       | Y Y  |         | Vartak (1964) |         |
| 55     | 00075    |         | Polyalthia longifolia (Sonn.) Thwaites | Y Y  |         | Vartak (1964) |         |
| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 65     | 7966     | 00079, 00073 | Saccopetalum tomentosum Hook. f. & Thomson | Y    | N       | Vartak (1959d, 1964) | Name unresolved, Uvaria tomentosa Roxb., Milliusa tomentosa (Roxb.) J. Sinclair (unresolved synonyms). Milliusa indica Lesch. ex A. DC. considered as synonym |
| 66     | 3394     |         | Carianthrum sativum L. | Y    | Y       |            |         |
| 67     | 3401     |         | Daucus carota L. | Y    | N       |            |         |
| 68     | 3404     |         | Foeniculum vulgare Mill. | Y    | Y       |            |         |
|        |          |         | **Apiceae**             |      |         |            |         |
| 69     |          |         | Adenium obesum (Forssk.) Roem. & Schult. | N    | Y       |            | Around Botany Department |
| 70     |          |         | Alstonia scholaris (L.) R. Br. | Y    | Y       | Vartak (1959c, 1964, 1981) | An old specimen on footpath (once inside FCBG) |
| 71     | 7405     |         | Asclepias curassavica L. | Y    | Y       | Vartak (1959c) | Seen inside main circle in 2014 |
| 72     | 124b     |         | Calotropis gigantea (L.) Dryand. | Y    | Y       |            |         |
| 73     |          |         | Carissa carandas L. | N    | Y       |            |         |
| 74     | 118      | 4642    | Catharanthus roseus (L.) G. Don | Y    | Y       | Vartak (1959c) | Name unresolved, Uvaria tomentosa Roxb., Milliusa tomentosa (Roxb.) J. Sinclair (unresolved synonyms). Milliusa indica Lesch. ex A. DC. considered as synonym |
| 75     | 3746     | 4646    | Cerbera odollam Gaertn. | Y    | N       |            |         |
| 76     |          |         | Cropegia bulbosa Roxb. | N    | Y       |            | Rare on hill. Lepidopteran pests seen damaging entire plant |
| 77     | 4038     |         | Cryptolepis buchananii Roem. & Schult. | Y    | Y       |            |         |
| 78     | 45       |         | Cryptostegia grandiflora Roxb. ex R.Br. | Y    | Y       | Vartak (1959c) | Seen at hill base |
| 79     | 2687     |         | Cynanchum calliolutum Buch.-Ham. ex Wight. | Y    | N       |            |         |
| 80     |          |         | Cynanchum tunicatum (Retz.) Alston | N    | Y       |            | Around maths department |
| 81     | 129      |         | Daemia extensa R.Br. | Y    | N       | Peruaria daemia (Forssk.) Chiov. (accepted name) | On hill |
| 82     |          |         | Dregea volubilis (L.f.) Benth. ex Hook.f. | N    | Y       |            | Around Maths department |
| 83     |          |         | Hemidesmus indicus (L.) R. Br. ex Schult. | N    | Y       |            |         |
| 84     | 4666     |         | Holarrhena antidiysenterica (Roth) Wall. ex A.DC. | Y    | N       | Mahajan (2006) | Holarrhena pubescens Wall. ex G. Don (accepted name) |
| 85     |          |         | Kap sia fruticosa (Roxb.) A.DC. | Y    | N       |            |         |
| 86     | 4430     | 4668    | Nerium indicum Mill. | Y    | Y       | Nerium oleander L. (accepted name) | Rare on hill. Lepidopteran pests seen damaging entire plant |
| 87     |          |         | Pentalinon luteum (L.) B.F. Hansen & Wunderlin | N    | Y       |            |         |
| 88     |          |         | Plumeria acutifolia Poir. | Y    | Y       | Vartak (1964) | Plumeria rubra L. (accepted name) |
| 89     |          |         | Plumeria alba L. | N    | Y       |            |         |
| 90     |          |         | Plumeria obtusa L. | N    | Y       |            |         |
| 91     |          |         | Plumeria pudica Jacq. | N    | Y       |            |         |
| 92     | 116      | 4676    | Rauvolfia canescens L. | Y    | Y       |            | Occasional in campus |
| 93     |          |         | Rauvolfia serpentina (L.) Benth. ex Kurz | Y    | N       | Mahajan (2006) |         |
| 94     | 124      |         | Sarcostemma stockii Hook. f. | Y    | N       |            |         |
| 95     |          | 4684    | Tabernaemontana citrifolia L. | Y    | N       |            |         |
| 96     | 7934     |         | Tabernaemontana coronaria (Jacc.) Wild. | Y    | Y       |            |         |
| 97     | 24543    |         | Thevetia peruviana (Pers.) K. Schum. | Y    | Y       | Vartak (1964) | Cascabela thevetia (L.) Lippold (accepted name) |
| 98     |          |         | Tylophora indica (Burm. f.) Merr. | N    | Y       |            | Rare, only at FCBG. |
| FC no. | AHMA no. | HPU no. | Family / Scientific name          | Past | Present | References                                      | Remarks                                      |
|--------|----------|---------|-----------------------------------|------|---------|------------------------------------------------|----------------------------------------------|
| 99     | 2044     | 4696    | Vallaris heynei Spreng.           | Y    | Y       |                                                 | Vallaris solanacea (Roth) Kuntze (accepted name). Rare, at FCBG |
| 100    |          |         | Wrightia arborea (Dennst.) Mabb.  | N    | Y       |                                                 | Rare, a shrub only seen behind geology department |
| 101    | 4702     |         | Wrightia tinctoria R. Br.         | Y    | Y       | Ingalhalikar & Barve (2010)                     | at FCBG                                       |

**Araceae**

| FC no. | AHMA no. | HPU no. | Family / Scientific name          | Past | Present | References                                      | Remarks                                      |
|--------|----------|---------|-----------------------------------|------|---------|------------------------------------------------|----------------------------------------------|
| 102    | 8262     |         | Aglaonema nitidum (Jack) Kunth    | N    | Y       |                                                 |                                              |
| 103    | 8263     |         | Anthurium ×macrolabiurum hort. ex W. Bull | Y    | N       |                                                 |                                              |
| 104    |          |         | Calocasia esculenta (L.) Schott   | N    | Y       |                                                 |                                              |
| 105    |          |         | Dieffenbachia amoena Bull.        | N    | Y       | Unresolved name                                 |                                              |
| 106    |          |         | Epipremnum aureum (Linden & André) G.S. Bunting | N    | Y       |                                                 |                                              |
| 107    |          |         | Lemnaminor L.                     | N    | Y       | Cultivated in ponds                             |                                              |
| 108    |          |         | Monstera deliciosa Liebm.         | N    | Y       |                                                 |                                              |
| 109    | 114      |         | Pipta stratiotes L.               | Y    | Y       | Cultivated in ponds                             |                                              |
| 110    | 26241    |         | Sauromatum venosum (Dryand. ex Aiton) Kunth | Y    | N       |                                                 |                                              |
| 111    |          |         | Spathiphyllum wallisii Regel      | N    | Y       |                                                 |                                              |
| 112    |          |         | Syngonium podophyllum Schott      | N    | Y       |                                                 |                                              |

**Araliaceae**

| FC no. | AHMA no. | HPU no. | Family / Scientific name          | Past | Present | References                                      | Remarks                                      |
|--------|----------|---------|-----------------------------------|------|---------|------------------------------------------------|----------------------------------------------|
| 113    | 8469     |         | Heptapleurum venulosum (Wight & Arn.) Seem. | Y    | N       | Schefflera venulosa (Wight & Arn.) Harms (accepted name) |                                              |
| 114    | 1243     |         | Hydrocotyle asiatica L.           | Y    | Y       | Centella asiatica (L.) Urb. (accepted name)      |                                              |
| 115    |          |         | Schefflera actinophylla (Enall.) Harms | N    | Y       |                                                 |                                              |
| 116    |          |         | Schefflera arboricola (Hayata) Merr. | N    | Y       |                                                 |                                              |
| 117    | 26121, 26122 |       | Schefflera roxburghii Gamble      | Y    | N       |                                                 |                                              |

**Araucariaceae**

| FC no. | AHMA no. | HPU no. | Family / Scientific name          | Past | Present | References                                      | Remarks                                      |
|--------|----------|---------|-----------------------------------|------|---------|------------------------------------------------|----------------------------------------------|
| 118    |          |         | Araucaria cunninghamii Mudie      | Y    | Y       | Vartak (1964), Ingalhalikar & Barve (2010)      | Rare, in FCBG                                 |
| 119    |          |         | Araucaria heterophylla (Salisb.) Franco | N    | Y       |                                                 |                                              |

**Arecaceae**

| FC no. | AHMA no. | HPU no. | Family / Scientific name          | Past | Present | References                                      | Remarks                                      |
|--------|----------|---------|-----------------------------------|------|---------|------------------------------------------------|----------------------------------------------|
| 120    | 220      |         | Areca catechu L.                  | Y    | Y       | Vartak (1959c, 1964)                             |                                              |
| 121    | 3726     | 8200    | Caryota urens L.                  | Y    | Y       | Ghate (1987)                                    |                                              |
| 122    |          |         | Cocos nucifera L.                 | Y    | Y       |                                                  |                                              |
| 123    |          |         | Dypsis decaryi (Jum.) Beentje & J. Dransf | N    | Y       | Rare, planted around IMDR                        |                                              |
| 124    |          |         | Dypsis lutescens (H. Wendt.) Beentje & J. Dransf | N    | Y       |                                                  |                                              |
| 125    |          |         | Elaeis guineensis Jacq.           | N    | Y       | Rare, one specimen at central garden             |                                              |
| 126    | 9349     |         | Oreodoxa regia Kunth              | Y    | Y       | Roystonea regia (Kunth) O.F. Cook (accepted name) |                                              |
| 127    |          |         | Phoenix sylvestris (L.) Roxb.     | N    | Y       | Around IMDR                                     |                                              |
| 128    |          |         | Raphis excelsa (Thurnb.) Henry    | N    | Y       | Cultivated as ornamental                        |                                              |
| 129    |          |         | Sabal palmetto (Walter) Lodd. ex Schult. & Schult. f. | Y    | Y       | Ingalhalikar & Barve (2010)                     | Rare, one specimen at central garden          |

**Aristolochiaceae**

| FC no. | AHMA no. | HPU no. | Family / Scientific name          | Past | Present | References                                      | Remarks                                      |
|--------|----------|---------|-----------------------------------|------|---------|------------------------------------------------|----------------------------------------------|
| 130    | 3908     |         | Aristolochia fimbrifiata Cham.     | Y    | N       |                                                 |                                              |
| 131    | 6846     |         | Aristolochia orthocephala Hook.   | Y    | N       | Aristolochia labiata Willd. (accepted name)     |                                              |
| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|---|---|---|---|---|---|---|---|
| Asparagaceae | 132 | 9413 | Agave americana L. | Y | Y | | |
| 133 | | | Asparagus densiflorus (Kunth) Jessop | N | Y | | |
| 134 | 8511 | | Asparagus racemosus Willd. | Y | Y | | |
| 135 | | | Asparagus setaceus (Kunth) Jessop | N | Y | | At FCBG |
| 136 | | | Asparagus virgatus Baker | Y | N | | |
| 137 | | | Beaucarnea recurvata Lem. | N | Y | | |
| 138 | | | Chlorophytum comosum (Thunb.) Jacques | N | Y | | |
| 139 | 218 | | Chlorophytum glaucum Dalzell | Y | N | | |
| 140 | | | Dracaena fragrans (L.) Ker Gawl. | Y | Y | | |
| 141 | | | Dracaena marginata hort. | N | Y | | |
| 142 | | | Dracaena reflexa Lam. | N | Y | | |
| 143 | | | Furcraea foetida (L.) Haw. | N | Y | | |
| 144 | | | Ledebouria revoluta (L. f.) Jessop | N | Y | | Seen on hill, population reducing |
| 145 | 7865 | | Polianthes tuberosa L. | Y | Y | | |
| 146 | 3788 | 8065 | Ruscus aculeatus L. | Y | N | | |
| 147 | | | Ruscus hypoglossum L. | N | Y | | Around maths department |
| 148 | | | Sansevieria cylindrica Bojer ex Hook. | N | Y | | |
| 149 | | | Sansevieria trifasciata Prain | N | Y | | |
| 150 | | | Yucca aloifolia L. | Y | Y | | Mahajan (2006)- did not specify species |
| Asteraceae | 151 | 9324 | Acanthospherum hispidum DC. | Y | Y | | On hill and waste places |
| 152 | 9911 | | Ageratum conyzoides (L.) L. | Y | Y | | |
| 154 | | | Artemisia japonica Thunb. | N | Y | | Artemisia parryiflora Buch.-Ham. ex Roxb. (synonym). Rare, on hill. |
| 153 | 26252 | | Artemisia pallens Wall. ex DC. | Y | N | | |
| 155 | 10273, 79 | 26334 | Bidens biterata (Lour.) Merr. & Sherff | Y | Y | | Vartak (1959c) (Bidens pilosa L. considered as synonym) around Law college and hill |
| 156 | 10306 | | Blainvillea latifolia (L.f.) DC. | Y | Y | | Synedrella nodiflora (L.) Gaertn. (accepted name), gregarious during monsoon |
| 157 | 3874 | | Blainvillea rhomboidea Cass. | Y | Y | | Gregarious during monsoon |
| 158 | | | Blumea lacera (Burm. f.) DC. | N | Y | | Common |
| 159 | 3688 | 3954 | Carthamus tinctorius L. | Y | N | | |
| 160 | | | Chrysanthemum indicum L. | N | Y | | |
| 161 | 26261 | | Cynara japonica (Thunb.) Less. ex Less. | Y | N | | |
| 162 | 26399 | | Coreopsis tinctoria Nutt. | Y | N | | |
| 163 | | | Cosmos bipinnatus Cav. | N | Y | | |
| 164 | 26374 | | Cyathocline purpurea (Buch.-Ham. ex D. Don) Kuntze | Y | Y | | Rare, seen around maths department |
| 165 | 26469 | | Eclata prostrata (L.) L. | Y | Y | | Blainvillea acmella (L.) Philipson (accepted name) |
| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|-----------|---------|--------------------------|------|---------|------------|---------|
| 166    | 10262     | 26425   | *Emilia sonchifolia* (L.) DC. ex DC. | Y    | Y       |            |         |
| 167    | 1642      |         | *Erigeron asteroides* Wall. | Y    | N       |            | Name unresolved |
| 168    | 4074      |         | *Erigeron banariensis* L. | N    | Y       |            |         |
| 169    | 4081      |         | *Eupatorium odoratum* L. | Y    | Y       |            | Chromolaena odorata (L.) R.M. King & H. Rob. (accepted name), around maths department |
| 170    | 10232     |         | *Gerbera jamesonii* Bolus ex Hook. f. | Y    | Y       |            |         |
| 171    | 10337     |         | *Glossocardia linearifolia* Cass. | Y    | N       |            | seen on hill |
| 172    | 4131      |         | *Helianthus annuus* L. | Y    | Y       |            |         |
| 173    | 4137      |         | *Pulicaria wightiana* (DC.) C.B. Clarke | Y    | Y       |            | Abundant on hill |
| 174    | 8509      |         | *Lactuca remotiflora* DC. | Y    | Y       |            | Launaea intybacea (Jacq.) Beauverd (accepted name) |
| 175    | 9336      | 4171    | *Notonia grandiflora* Wall. ex DC. | Y    | N       |            | Kleinia grandiflora (Wall. ex DC.) N. Rani (accepted name) |
| 176    | 10214     |         | *Parthenium hysterophorus* L. | Y    | Y       | Desai (1974) | Abundant |
| 177    | 104       | 4186    | *Pulicaria wightiana* (DC.) C.B. Clarke | Y    | Y       |            | Abundant on hill |
| 178    | 3835      | 4247    | *Solidago canadensis* L. | N    | Y       |            | Gregarious after monsoons in FCBG |
| 179    | 4007      | 26362   | *Tridax procumbens* (L.) L. | Y    | Y       |            | Abundant |
| 180    | 9905, 9906|         | *Vernonia cinerea* (L.) Less. | Y    | Y       |            | Cyanthillium cinereum (L.) H. Rob. (accepted name) |
| 181    | 106       |         | *Tithonia rotundifolia* (Mill.) S.F.Blake | N    | Y       |            | Gregarious on hill and around chemistry department |
| 182    | 4045      | 5791    | *Bignonia gracilis* Lodd. | Y    | N       |            | Dolichandra unguis-cati (L.) L.G. Lohmann (accepted name) |
| 183    | 3340      |         | *Bignonia magnifica* W. Bull. | Y    | N       |            | Bignonia aequinoctialis L. (accepted name) |

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|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 200    |          |         | Bigonia megapotamica Spreng. | Y    | N       | Vartak (1964) | Vitex megapotomica (Spreng.) Moldenke (accepted name) |
| 201    | 150      |         | Crescenta cujete L. | Y    | N       | Vartak (1964) |
| 202    |          | 5789    | Dolichandrone falata (Wall. ex DC.) Seem. | Y    | Y       | Nalavade (2001) | Occasional on hill |
| 203    |          |         | Dolichandrone stipulata (Wall.) Berth. ex C.B. Clarke | Y    | N       | Markhamia stipulata (Wall.) Seem. (accepted name) |
| 204    |          |         | Heterophragma quadriloculare (Roxb.) K. Schum. | N    | Y       |             |
| 205    | 149      |         | Jacaranda acutifolia Bonpl. | Y    | Y       | Vartak (1964) |
| 206    |          |         | Kigelia africana (Lam.) Benth. | N    | Y       | Rare, FCBG |
| 207    |          |         | Markhamia platycalyx (Baker) Sprague | Y    | Y       | Mahajan (2006) | Markhamia lutea (Benth.) K.Schum. (accepted name), behind maths department |
| 208    |          |         | Millingtonia hortensis L.f. | Y    | Y       | Vartak (1964) |
| 209    | 4344     | 5798    | Parmentiera cereifera Seem. | Y    | Y       | Vartak (1964), Patwardhan & Gandhe (2000–01), Ingalhalikar & Barve (2010) | Rare, only one specimen, strangled by Vitis quadrangularis at FCBG |
| 210    |          |         | Podranea brycei (N.E. Br.) Sprague | N    | Y       | Around main building |
| 211    | 2470     |         | Spathodea campanulata P. Beauv. | Y    | Y       | Vartak (1964) |
| 212    |          |         | Tabebuia argentea (Bureau & K.Schum.) Britton | Y    | Y       | Mahajan (2006) | Tabebuia aurea (Silva Manso) Benth. & Hook.f. ex S. Moore (accepted name) |
| 213    | 14095    |         | Tabebuia rosea (Bertol.) Bertero ex A. DC. | Y    | Y       | Ghate (1987) | near Kimaya |
| 214    |          |         | Tecoma copensis (Thunb.) Lindl. | N    | Y       | around DES office |
| 215    | 9458     |         | Tecoma stans (L.) Juss. ex Kunth | Y    | Y       | Vartak (1964) | Tecoma stans var. apiifolia DC. (around main building) considered as synonym |
| 216    | 9        | 264     | Bixa orellana L. | Y    | N       | Vartak (1959c, 1964) |
| 217    | 3927     |         | Cardia dichotoma G. Forst. | Y    | Y       | Vartak (1964) | Dead specimen in FCBG, live around maths department |
| 218    | 5029     |         | Cardia macedoii Hook. f. & Thomson | Y    | Y       | Vartak (1964) | Seen at FCBG |
| 219    | 2158     | 5034, 5035 | Cardia sebestena L. | Y    | Y       | Vartak (1964), Ghate (1987) | Specimen in FCBG died in 2012 |
| 220    |          |         | Cordia sinensis Lam. | N    | Y       | Cordia gharuf Ehrenb. ex Asch. (synonym), seen at FCBG |
| 221    | 5039     |         | Ehretia acuminata R. Br. | Y    | N       |             |
| 222    | 8212     |         | Ehretia aspera Wild. | Y    | Y       | Ingalhalikar & Barve (2010) | Ehretia laevis Roxb. (accepted name) |
| 223    | 85       |         | Heliotropium ovatifolium Forssk. | Y    | Y       | Rare on hill |
| 224    | 9430     |         | Heliotropiumpaniculatum R. Br. | Y    | N       | Heliotropium zeylanicum subssp. paniculatum (R. Br.) Kazmi (accepted name) |
| 225    | 128      |         | Trichodesma indicum (L.) Lehm. | Y    | Y       | Common on hill |
| 226    |          |         | Cardamine trichocarpa Hochst. ex A. Rich. | N    | Y       | Around maths department |
| 227    | 185      |         | Iberis amara L. | Y    | N       | |
| 228    | 186      |         | Lepidium sativum L. | Y    | N       | |
| 229    | 187      |         | Raphanus sativus L. | Y    | N       | |
|         |          |         | Burseraceae | | | |

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|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 230    |          |         | *Boswellia serrata* Roxb. ex Colebr. | Y    | Y       | Nalavade (2001) | Rare on hill |
|        |          |         | **Cactaceae**             |      |         |            |         |
| 231    |          |         | *Epiphyllum oxypetalum* (DC.) Haw. | N    | Y       |            |         |
| 232    | 19320    |         | *Opuntia elatior* Mill.   | Y    | Y       |            | Spreading on hill |
| 233    | 3355     |         | **Calceolariaceae**       |      |         |            |         |
|        |          |         | **Cactaceae**             |      |         |            |         |
| 234    | 9865     | 366     | *Calophyllum inophyllum* L. | Y    | N       | Vartak (1964), Ghat (1987) |         |
| 235    | 4484     |         | *Laurentia longiflora* (L.) Peterm. | Y    | N       |            | Hippobroma longiflora (L.) G. Don (accepted name) |
|        |          |         | **Cannaceae**             |      |         |            |         |
| 236    | 4164     | 7809    | *Canna indica* L.         | Y    | Y       |            |         |
|        |          |         | **Capparaceae**           |      |         |            |         |
| 237    |          |         | *Capparis grandis* L.f.   | N    | Y       |            |         |
| 238    | 2        | 234     | *Capparis zeylanica* L.   | Y    | Y       |            | Capparis horrida L.f. (synonym), One well grown specimen around boys hostel |
| 239    | 9380, 9381 | 250     | *Crataeva nurvala* Buch.-Ham. | Y    | N       | Vartak (1964) | Crataeva religiosa G. Forst. Considered as synonym |
|        |          |         | **Caryophyllaceae**       |      |         |            |         |
| 240    |          |         | *Carica papaya* L.        | Y    | Y       | Vartak (1964) |         |
| 241    | 9636     | 334     | *Dianthus chinensis* L.   | Y    | Y       |            |         |
| 242    | 335      |         | *Polycarpa corymbosa* (L.) Lam. | Y    | N       |            |         |
| 243    | 342      |         | *Saponaria vaccaria* L.   | Y    | N       | Vartak (1964), Ingalhalikar & Barve (2010) | Varricia hispanica (Mill.) Rauschert (accepted name) |
|        |          |         | **Casuarinaceae**         |      |         |            |         |
| 244    |          |         | *Casuarina equisetifolia* L. | Y    | Y       | Nalavade (2001) |         |
|        |          |         | **Celastraceae**          |      |         |            |         |
| 245    | 1053     |         | *Cassine glauca* (Rottb.) Kuntze | Y    | Y       | Vartak (1964), Ingalhalikar & Barve (2010) | Single well grown specimen at FCBG |
| 246    |          |         | *Gymnosporia montana* (Roth) Berth. | Y    | N       | Nalavade (2001) |         |
| 247    |          |         | *Ceratophyllaceae*        |      |         |            |         |
| 248    | 9671     | 234     | *Cleome simplicifolia* Hook.f. & Thomson | Y    | Y       |            | on hill |
| 249    | 9649     |         | *Cleome viscosa* L.       | Y    | Y       |            | on hill |
| 250    | 71, 5036 |         | *Gynandropsis pentaphylla* Blanco | Y    | N       | Vartak (1959c, 1964) | Cleome gynandra L. (accepted name) |
|        |          |         | **Clusiaceae**            |      |         |            |         |
| 251    |          |         | *Garcinia indica* (Thouars) Choisy | Y    | N       | Vartak (1964) |         |
| 252    | 7148     | 369     | *Garcinia livingstoniae T. Anderson | Y    | N       | Vartak (1964) |         |
|        |          |         | **Colchicaceae**          |      |         |            |         |
| 253    | 9709     |         | *Gloriosa superba* L.     | Y    | N       |            |         |
|        |          |         | **Combretaceae**          |      |         |            |         |
| 254    | –        |         | *Anogeissus latifolia* (Roxb. ex DC.) Wall. ex Bedd. | Y    | Y       | Vartak (1959c, 1964) | one well grown specimen at FCBG |
| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 255    | 16911, 16915 |         | Anogeissus sericea Brandis | Y    | Y       | Ghate (1987) | several well grown specimens at FCBG, spreading |
| 256    | 2982     |         | Combretum cocineum (Sonn.) Lam. | Y    | N       |            |         |
| 257    | 2983     |         | Combretum latifolium Blume | Y    | Y       |            | Rare, one specimen at FCBG |
| 258    | 8347     | 2991    | Quisqualis indica L. | Y    | Y       |            | Combretum indicum (L.) DeFilipps (accepted name) |
| 259    | 946      |         | Terminalia arjuna (Roxb. ex DC.) Wight & Am. | Y    | Y       | Vartak (1964, 1981), Wagh (1996), Mahajan (2006) | Rare, planted on hill, near amphitheatre |
| 260    | 9633     |         | Terminalia bellirica (Gaertn.) Roxb. | Y    | Y       | Vartak (1964, 1981), Mahajan (2010) | two well grown specimens at FCBG, one around boys hostel, planted on hill |
| 261    |          |         | Terminalia catappa L. | N    | Y       |            |         |
| 262    |          |         | Terminalia crenulata Roth | Y    | Y       | Vartak (1964) | Rare, one well grown specimen at FCBG |

**Commelinaceae**

| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 263    | 6207     |         | Commelina benghalensis L. | Y    | Y       |            |         |
| 264    | 4479     |         | Commelina palisata Hassk. | Y    | N       |            |         |
| 265    | 25981    |         | Commelina virginica L. | Y    | N       |            |         |
| 266    | 10303    |         | Cyanotis axillaris (L.) D. Don ex Sweet | Y    | N       |            |         |
| 267    | 5354     | 8148    | Cyanotis fasciculata (B. Heyne ex Roth) Schult. & Schult. f. | Y    | Y       |            | abundant on hill |
| 268    |          |         | Tradescantia pallida (Rase) D.R. Hunt | N    | Y       |            |         |
| 269    |          |         | Tradescantia spathacea Sw. | N    | Y       |            |         |

**Convolvulaceae**

| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 270    | 129      |         | Argyreia speciosa (L. f.) Sweet | Y    | N       | Vartak (1956c) | Argyreia nervosa (Burm. f.) Bojer (accepted name) |
| 271    | 130      |         | Convolvulus arvensis L. | Y    | N       |            |         |
| 272    | 132      |         | Cuscuta reflexa Roxb. | Y    | Y       |            |         |
| 273    | 9328     |         | Evolvulus alsinoides (L.) L. | Y    | Y       |            | common on hill |
| 275    | 133      |         | Ipomoea digitata L. | Y    | N       |            | Ipomoea cheirophylla O'Donell (accepted name) |
| 274    |          |         | Ipomoea eriocarpa R. Br. | N    | Y       |            | Ipomoea sindica Stapf. (synonym). Common on hill. |
| 277    | 2260     |         | Ipomoea hirsutae Hook. | Y    | N       |            |         |
| 278    | 135      |         | Ipomoea indica Stapf | Y    | N       |            |         |
| 279    | 136      | 5212    | Ipomoea nil (L.) Roth | Y    | N       | Ipomoea hederacea (L.) Jacq. (synonym) | Ipomoea hederacea (L.) Jacq. (synonym) |
| 280    |          |         | Ipomoea obscura (L.) Ker Gawl. | N    | Y       |            |         |
| 281    | 9329     |         | Ipomoea palmata Forsk. | Y    | Y       | Ipomoea cairica (L.) Sweet (accepted name) | Ipomoea cairica (L.) Sweet (accepted name) |
| 282    |          |         | Ipomoea parasitica (Kunth) G. Don | N    | Y       |            |         |
| 283    | 12481    | 5254    | Ipomoea staphylina Roem. & Schult. | Y    | N       | Name unresolved | Name unresolved |
| 284    |          |         | Ipomoea triboa L. | N    | Y       | around DES office |         |
| 276    |          |         | Ipomoea hederifolia L. | N    | Y       | Rare, around FCBG |         |
| 285    | 5785     | 5263    | Jacquemontia violacea (Vahl) Choisy | Y    | Y       | Jacquemontia paniculata (Burm. f.) Hallier f. (accepted name) | Jacquemontia paniculata (Burm. f.) Hallier f. (accepted name) |
| 286    | 5272     |         | Merremia dissecta (Jacq.) Hallier f. | Y    | Y       | Rare, along tennis court-fence |         |
| 287    | 10203    | 5299    | Porana paniculata Roxb. | Y    | N       |            |         |
| 288    | 10209    |         | Quamoclit vulgaris Choisy | Y    | N       | Ipomoea quamoclit L. (accepted name) | Ipomoea quamoclit L. (accepted name) |
| 289    | 2261     | 19460   | Rivea hypocoraterformis Choisy | Y    | N       |            |         |
| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|----------|---------|--------------------------|------|---------|------------|---------|
|        |          |         | Crassulaceae              |      |         |            |         |
| 290    |          |         | Kalanchoe blossfeldiana Poellin. | N   | Y       |            |         |
| 291    | 2933     |         | Kalanchoe laciniosa [L.] DC. | Y    | Y       | Vartak (1960) |         |
| 292    | 2945     |         | Kalanchoe tubiflora (Harv.) Raym.-Hamet | Y   | N       | Name unresolved |         |
|        |          |         | Cucurbitaceae             |      |         |            |         |
| 293    | 3264     |         | Coccinia cordifolia (L.) Cogn. | Y   | N       |            |         |
| 294    |          |         | Coccinia grandis (L.) Voigt | N   | Y       | at central garden |         |
| 295    |          |         | Cucurbita pepo L.         | N    | Y       |            |         |
| 296    |          |         | Diplocyclos palma tus (L.) C. Jeffrey | N   | Y       | around maths department |         |
| 297    | 10285    |         | Momordica charantia L.    | Y    | N       |            |         |
| 298    |          |         | Momordica dioica Roxb. ex Willd. | N   | Y       |            |         |
|        |          |         | Cupressaceae              |      |         |            |         |
| 299    |          |         | Cupressus glauco Lam.     | Y    | N       | Patwardhan & Gandhe (2000–01) | Cupressus lusitanica Mill. (accepted name) |
| 300    |          |         | Thuja orientalis L.       | Y    | Y       | Vartak (1964) | Platycladus orientalis (L.) Franco (accepted name) |
|        |          |         | Cytaceae                  |      |         |            |         |
| 301    | 12536    |         | Alsophila sp.             | Y    | N       | Wagh (1996) |         |
|        |          |         | Cycadaceae                |      |         |            |         |
| 302    | 0000057, 000058 |         | Cycas circinatrix L.       | Y    | Y       | Vartak (1964) | several specimens with branched stems seen |
| 303    | 0000057, 000058 |         | Cycas revoluta Thunb.     | Y    | Y       | Patwardhan & Gandhe (2000–01) | one doubtful specimen at central garden |
|        |          |         | Cyperaceae                |      |         |            |         |
| 304    | 9007, 14562 |         | Cyperus alternifolius L. | Y    | Y       | Vartak & Ghate (1983) |         |
| 305    | 8613     |         | Cyperus alulatus J.Kern    | Y    | N       |            |         |
| 306    | 8783     |         | Cyperus compressus L.     | Y    | N       |            |         |
| 307    | 224      | 9453    | Cyperus rotundifolius L.  | Y    | N       | unresolved name |         |
| 308    | 9521     |         | Cyperus triceps Endl.     | Y    | N       | Cyperus dubius Rottb. (accepted name) |         |
| 310    | 10641    |         | Cyperus zalingeri Steud.  | Y    | N       |            |         |
| 309    | 9453     |         | Cyperus rubicundus Vahl   | Y    | N       |            |         |
| 311    | 10066    |         | Fimbristylis tenera Schult. | Y   | N       |            |         |
| 312    | 26861    |         | Fuirena wallichiana Kunth | Y    | N       |            |         |
| 313    | 228      |         | Kyllinga triceps Sw.      | Y    | Y       | Kyllinga odorata Vahl (accepted name) |         |
|        |          |         | Davalliaceae              |      |         |            |         |
| 314    | 12536    |         | Nephrolepis sp.           | Y    | N       | around Botany Department |         |
|        |          |         | Dilleniaceae              |      |         |            |         |
| 315    | 000057, 000058 |         | Dillenia indica L.       | Y    | N       | Vartak (1959, 1964), Ghate (1987) |         |
|        |          |         | Dioscoreaceae             |      |         |            |         |
| 316    | 5358     | 25768   | Dioscorea alata L.        | Y    | N       |            |         |
|        |          |         | Ebenaceae                 |      |         |            |         |
| 317    | 4554     |         | Diospyros embryopteris Pers. | Y   | Y       | Vartak (1964) | Diospyros malabarica (Desc.) Kostel. (accepted name) |
|        |          |         | Elaeagnaceae              |      |         |            |         |
| 318    |          |         | Elaeagnus conferta Roxb.  | Y    | N       | Mahajan (2006) |         |
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|--------|----------|---------|---------------------------|------|---------|------------|---------|
| 319    | 12544    | 750 & 751 | Elaeocarpaceae |      |         |            |         |
|        |          | 527     | Elaeocarpus ganitrus Roxb. ex G. Don | Y    | Y       | Vartak (1958a, 1964), Ghate (1987), Wagh (1996), Patwardhan & Gandhe (2000–01) | Elaeocarpus serratus L. (accepted name), Elaeocarpus sphericus (Gaertn.) K. Schum. (illegitimate synonym). A small specimen present in FCBG till 2013. |
| 320    |          |         | Equisetaceae |      |         |            |         |
|        |          |         | Equisetum sp. | Y    | N       | Vartak (1958a), Wagh (1996) | was grown around Botany department (Botany department records) |
| 321    | 7028     |         | Euphorbiaceae |      |         |            |         |
| 322    | 8448     | 7024    | Acalypha indica L. | Y    | Y       | Vartak (1959c) |         |
| 323    |          |         | Acalypha wilkesiana Müll. Arg. | N    | Y       |            |         |
| 324    |          |         | Codiaeum variatum (L.) Rumph. ex A. Juss. | N    | Y       |            |         |
| 325    |          |         | Euphorbia cotinifolia L. | N    | Y       |            |         |
| 326    |          |         | Euphorbia cristata B. Heyne ex Roth | N    | Y       |            |         |
| 327    | 9357     | 7145    | Euphorbia heterophylla L. | Y    | Y       |            | Euphorbia geniculata Ortega (synonym) |
| 329    | 4014     |         | Euphorbia hirta L. | Y    | Y       |            | abundant |
| 330    |          |         | Euphorbia lactea Haw. | N    | Y       |            |         |
| 331    |          |         | Euphorbia neriifolia L. | N    | Y       |            |         |
| 332    | 9382     |         | Euphorbia splendens Bojer ex Hook. | Y    | Y       |            | Euphorbia mili var. splendens (Bojer ex Hook.). Ursch & Leandri (accepted name) |
| 333    | 3919     |         | Euphorbia thymifolia L. | Y    | Y       |            |         |
| 334    | 3991     |         | Euphorbia tricolor L. | Y    | Y       | Vartak (1964) | Around Geology Department |
| 335    |          |         | Euphorbia tithymaloides L. | N    | Y       |            |         |
| 336    |          |         | Euphorbia umbellata (Pax) Bruyns | N    | Y       |            |         |
| 328    | 19616    |         | Euphorbia heynana Spreng. | Y    | N       |            |         |
| 337    | 205      | 7120    | Jatropha curcas L. | Y    | Y       |            | Around IMDR |
| 338    |          |         | Jatropha glandulifera Roxb. | Y    | N       |            |         |
| 339    | 206      |         | Jatropha gossypifolia L. | Y    | Y       |            | Around Botany Department |
| 340    |          |         | Jatropha integerrima Jacq. | N    | Y       |            | Around main building |
| 341    | 8493     | 7230    | Jatropha podagrica Hook. | Y    | Y       |            | around IMDR |
| 342    |          |         | Manihot esculenta Crantz | Y    | N       | Vartak (1964) |         |
| 343    | 203e     |         | Ricinus communis L. | Y    | Y       |            |         |
| 344    |          |         | Trewia nudifolia Hance | Y    | N       | Ingalhalikar & Barve (2010) | Mollotus repandus (Willd.) Müll. Arg. (accepted name). One tree at FCBG died in 2012 |
| 345    |          |         | Geraniaceae |      |         |            |         |
| 346    | 932      |         | Monsonia senegalensis Guilli. & Perr. | Y    | N       | Vartak (1959b) |         |
| 347    |          |         | Heliconiaceae |      |         |            |         |
| 348    |          |         | Heliconia rostrata Ruiz & Pav. | N    | Y       |            |         |
| 349    |          |         | Hydrocharitaceae |      |         |            |         |
| 350    |          |         | Vallisneria sp. | Y    | N       | Wagh (1996) | Grown at central graden |
| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 351    | 4004     |         | Lamiaceae               |      |         |            |         |
| 352    | 3614     |         | Verbenaceae             |      |         |            |         |
| 353    | 3676     | 6210    | Lamiaceae               |      |         |            |         |
| 354    | 9732     |         | Verbenaceae             |      |         |            |         |
| 355    | 4033     | 6221    | Lamiaceae               |      |         |            |         |
| 356    | 5770     | 6233    | Verbenaceae             |      |         |            |         |
| 358    | 4027     | 6234    | Lamiaceae               |      |         |            |         |
| 359    |          |         | Gmelina arborea Roxb.   | Y    | Y       | Vartak (1964), Mahajan (2006) | On hill |
| 360    | 6254     |         | Gmelina hystrix Schult. ex Kurz | Y    | N       |            |         |
| 361    | 6256     |         | Lamiaceae               |      |         |            |         |
| 362    |          | 6362    | Hyptis suaveolens (L.) Poit. | Y    | Y       | Vartak (1959b) | on hill |
| 363    |          | 19557   | Lavandula bipinnata (Roth) Kuntze | Y    | Y       |            |         |
| 364    |          |         | Leucaena neptfolia (L.) R. Br. | N    | Y       | Occasional in campus |         |
| 365    |          | 19558   | Leucas aspera (Willd.) Link | Y    | Y       | On hill |         |
| 366    | 9288     |         | Leucas biflora (Vahl) R. Br. ex Sm. | Y    | N       |            |         |
| 367    | 9702     | 6414    | Leucas longifolia Bentham. | Y    | N       |            |         |
| 368    |          | 6436    | Leucas urticifolia (Vahl) R. Br. ex Sm. | Y    | Y       | Rare, around maths department |         |
| 369    |          |         | Mentha × piperita L.    | N    | Y       |            |         |
| 370    | 9369     | 6469    | Ocimum americanum L.    | Y    | Y       | Along waste places |         |
| 371    |          |         | Ocimum tenuiflorum L.   | N    | Y       |            |         |
| 372    | 3764     |         | Origanum majorana L.    | Y    | N       |            |         |
| 373    | 6483     |         | Origanum vulgare L.     | Y    | N       |            |         |
| 374    |          |         | Plectranthus scutellarioides (L.) R. Br. | N    | Y       |            |         |
| 375    | 8440     |         | Pogostemon sp.          | Y    | N       | Used to be cultivated around Botany department (records of Botany department) |         |
| 376    | 10312    |         | Salvia sp.              | Y    | N       |            |         |
| 377    | 389      |         | Tectona grandis L.f.    | Y    | Y       | Vartak (1964) | At FCBG |
| 378    | 6291     |         | Vitex negundo L.        | Y    | Y       |            |         |
| 379    |          |         | Lecythidaceae           |      |         |            |         |
| 380    |          |         | Leguminosae             |      |         |            |         |
| 381    | 9392     |         | Phaseolus trilobus Aiton | Y    | Y       | Vigna trilobata (L.) Verdc. (accepted name) | on hill |
| 382    | 7941     |         | Abrus precatorius L.    | Y    | N       | Vartak (1959c), Mahajan (2006) |         |
| 383    |          |         | Acacia arabica (Lam.) Willd. | Y    | Y       | Vartak (1959c, 1964), Nalavade (2001) | Acacia nilotica (L.) Delile (accepted name), Acacia arabica var. cupressiformis Stewart (synonym) |
| 384    |          |         | Acacia auriculiformis Bentham. | Y    | Y       | Vartak (1964) |         |
| FC no. | AHMA no. | HPU no. | Family / Scientific name                        | Past | Present | References                                                                 | Remarks                                                                 |
|--------|----------|---------|-------------------------------------------------|------|---------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|
| 383    | 11271, 886 |         | *Acacia catechu* (L.) Willd.                    | Y    | Y       | Vartak (1959c), Nalavade (2001)                                           | Acacia *sundra* (Roxb.) DC. (synonym)                                   |
| 384    | 9436     |         | *Acacia concinna* (Willd.) DC.                  | Y    | Y       | Vartak (1959c)                                                            | Seen only at FCBG and around boys hostel                                |
| 385    |          |         | *Acacia ferruginea* DC.                         | N    | Y       |                                                                           |                                                                         |
| 386    |          |         | *Acacia greggii* A. Gray                        | N    | Y       |                                                                           |                                                                         |
| 387    |          |         | *Acacia leucophloea* (Roxb.) Willd.             | Y    | Y       | Vartak (1959c), Nalavade (2001)                                           | On hill                                                                 |
| 388    | 2861     |         | *Acacia polyacantha* Willd.                    | N    | Y       |                                                                           |                                                                         |
| 389    | 12502    |         | *Adenanthera pavonina* L.                       | Y    | Y       | Vartak (1959c), Ghate (1987), Tosh (1987), Patwardhan & Gandhe (2000-01) | Rare, one specimen at FCBG                                             |
| 390    | 8342     |         | *Albizia lebbeck* (L.) Benth.                  | Y    | N       |                                                                           |                                                                         |
| 391    |          |         | *Albizia procera* (Roxb.) Benth.               | N    | Y       |                                                                           |                                                                         |
| 392    | 8346     | 2916    | *Albizia saman* (Jacq.) Merr.                  | Y    | Y       | Vartak (1964)                                                             | Samanea *saman* (Jacq.) Merr. (synonym)                                 |
| 393    | 5006     | 1389    | *Alysicarpus monilifer* (L.) DC.               | Y    | N       | Tosh (1987)                                                               |                                                                         |
| 394    | 7167     |         | *Alysicarpus pubescens* J.S.Law                | Y    | N       |                                                                           |                                                                         |
| 395    | 10240    |         | *Alysicarpus rugosus* (Willd.) DC.              | Y    | N       |                                                                           |                                                                         |
| 396    | 9875     |         | *Alysicarpus tetragonolobus* Edgew.            | Y    | Y       |                                                                           |                                                                         |
| 397    | 9404     | 1417    | *Alysicarpus vaginalis* (L.) DC.               | Y    | N       | Vartak (1959c)                                                            |                                                                         |
| 398    |          |         | *Arachis hypogaea* L.                          | Y    | Y       | Vartak (1964), Shinde et al. (2010), Shinde & Laware (2010)               | Cultivated for experimental purpose                                     |
| 399    | 9281     |         | *Bauhinia racemosa* Lam.                       | Y    | Y       | Vartak (1959c)                                                            |                                                                         |
| 400    | 9686     | 2369    | *Bauhinia tomentosa* L.                        | Y    | Y       | Vartak (1959c), Ghate (1987), Patwardhan & Gandhe (2000-01)               | Common at FCBG. Can be B. *tomentosa* forma *concolor*                  |
| 401    | 2390     |         | *Bauhinia variegata* L.                        | Y    | N       | Tosh (1987)                                                               |                                                                         |
| 402    | 2267     |         | *Bauhinia acuminata* L.                        | Y    | N       |                                                                           |                                                                         |
| 403    | 19956    |         | *Bauhinia purpurea* L.                         | Y    | Y       | Vartak (1964)                                                             |                                                                         |
| 404    |          |         | *Butea monosperma* (Lam.) Taub.                | N    | Y       |                                                                           | Seen at FCBG, on hill                                                   |
| 405    | 615      |         | *Caesalpinia bonduc* (L.) Roxb.                | Y    | Y       | Tosh (1987)                                                               | Seen till 2014 around maths department                                 |
| 406    | 2459     |         | *Caesalpinia ferrea* C.Mart.                   | Y    | Y       | Ingalhalikar & Barve (2010)                                               |                                                                         |
| 407    | 4444     | 2459    | *Caesalpinia pulcherrima* (L.) Sw.             | Y    | Y       | Vartak (1964)                                                             |                                                                         |
| 408    | 3820     |         | *Cajanus indicus* Spreng.                      | Y    | Y       |                                                                           | Cajanous *cojon* (L.) Millsp. (accepted name)                            |
| 409    |          |         | *Calliandra haematocephala* Hassk.             | N    | Y       |                                                                           | Around Maths department                                                 |
| 410    |          |         | *Canavalia ensiformis* (L.) DC.                | N    | Y       |                                                                           |                                                                         |
| 411    | 21991    |         | *Cassia alata* L.                              | Y    | N       | Tosh (1987)                                                               | *Senna* *alata* (L.) Roxb. [accepted name]                               |
| 412    |          |         | *Cassia auriculata* L.                         | N    | Y       | Nalavade (2001)                                                           | *Senna* *auriculata* (L.) Roxb. [accepted name]                         |
| 413    |          |         | *Cassia fistula* L.                            | Y    | Y       | Vartak (1964)                                                             |                                                                         |
| 414    |          |         | *Cassia grandis* L.f.                          | Y    | N       | Vartak (1964)                                                             |                                                                         |
| 415    | 2523     |         | *Cassia hirsuta* L.                            | Y    | N       | Tosh & Kumbhokar (1997)                                                   | *Senna* *hirsuta* (L.) H.S.Irwin & Barney (accepted name)               |
| 416    | 8442, 8443|         | *Cassia marginata* Roxb.                      | Y    | Y       | Vartak (1964)                                                             | *Cassia* *roxburghii* DC. [accepted name]                               |
| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 417    |          |         | Cassia nodosa Roxb.      | Y    | N       | Vartak (1964), Patwardhan & Gandhi (2000–01) | Cassia javanica sp. nodosa (Roxb.) K. Larsen & S.S. Larsen (accepted name) |
| 418    | 9893     |         | Cassia pumila Lam.       | Y    | Y       | Vartak (1964) | Chamapicrista pumila (Lam.) K. Larsen (accepted name). On hill |
| 419    | 2614     |         | Cassia renigera Benth.   | Y    | N       | Vartak (1964), Tosh (1987) | |
| 420    |          |         | Cassia siamea Lam.       | Y    | Y       | Vartak (1964) | Senna siamea(Lam.) H.S. Irwin & Barneby (accepted name) |
| 421    |          |         | Cassia spectabilis DC.   | Y    | Y       | Mahajan (2006) | Senna spectabilis (DC.) H.S. Irwin & Barneby (accepted name). Near physics department. |
| 422    | 110      | 2674    | Cassia tora L.           | Y    | Y       |                     | Senna torea (L.) Roxb. (accepted name) |
| 423    | 1648     |         | Clitoria ternatea L.     | Y    | Y       |                     | |
| 424    | 7160     |         | Crotalaria calycina Schrank | Y | N |   |   |
| 425    | 7124     | 1502    | Crotalaria filipes Benth. | Y | Y | At central garden | |
| 426    | 3740     | 19216   | Crotalaria juncea L.     | Y    | Y       | Vartak (1964) |   |
| 427    |          |         | Crotalaria medicaginae Lam. | N | Y |   | On hill |
| 428    | 11269, 11270 |         | Crotalaria arvensis Wild. | Y | N |   |   |
| 429    | 16981    |         | Dalbergia lanceolaria L.F. | Y | Y | Vartak (1964), Tosh (1987) | Dalbergia lanceolaria subsp. lanceolaria (synonym) |
| 430    |          |         | Dalbergia lanceolaria sp. paniculata (Roxb.) Thoth. | N | Y | Only a single specimen on hill |   |
| 431    |          |         | Dalbergia melanoxylon Guill. & Perr. | N | Y | Introduced in the Pune University campus during the British rule, now spreading on hills. |   |
| 432    | 104      | 17655   | Dalbergia sissoo DC.     | Y    | Y       | Vartak (1964), Tosh (1987) | common |
| 433    |          |         | Delonix regia (Hook.) Raf. | Y | Y | Vartak (1964) |   |
| 434    |          |         | Desmodium scorpiurus (Sw.) Desv. | N | Y |   | Behind Maths department |
| 435    | 8489     |         | Desmodium laxum DC.     | Y    | N       | Vartak (1964), Ghate (1987), Tosh (1987) | Hylocodesmium laxum (DC.) H. Ohashi & R.R. Mill (accepted name). Species should be confirmed |
| 436    |          |         | Desmodium tortuosum (Sw.) DC. | N | Y |   | Seen around IMDR and FCBG |
| 437    | 9463     |         | Desmodium triforum (L.) DC. | Y | N |   |   |
| 438    |          |         | Dolichos biflorus L.     | Y    | N       | Vartak (1964), Tosh (1987) | Indigofera hochstetteri/ Baker (accepted name) |
| 439    | 1796     |         | Entada rheedi Spreng.    | Y    | Y       | Wagh (1996) | Was planted again in 2013 by authors, but died. |
| 440    |          |         | Erythrina variegata L.   | Y    | Y       | Vartak (1964), Ghate (1987), Tosh (1987) | Erythrina variegata var. orientalis (L.) Merc (synonym) |
| 441    | 1800, 18032 |         | Gliricidia sepium (Jacq.) Walp. | Y | Y | Vartak (1964), Tosh (1987) |   |
| 442    | 18045    |         | Haematoxylon campechianum L. | Y | N | Vartak (1964), Tosh (1987) | Haematoxylon campechianum L. (accepted name) |
| 443    | 11279    |         | Hardwickia binata Roxb.  | N    | Y       | one well grown specimen on hill |   |
| 444    | 9896     |         | Heylandia latebrosea (auct. non (L.) DC. | Y | Y |   | It is a misapplied name. Crotalaria hebecarpa (DC.) Rudd (accepted name) |
| 445    | 9903     | 1850    | Indigofera anabaptista Baker | Y | N | Tosh (1987) | Indigofera anabaptista Baker (accepted name) |
| 446    | 9419     | 1869    | Indigofera cordifolia Roth | Y | Y | On hill |   |
| 447    | 9908     |         | Indigofera glandulosa Wendl. | Y | N |   |   |
| 448    | 9389     | 1904    | Indigofera linifolia (L.f.) Retz. | Y | Y | On hill |   |
| 449    |          |         | Lathyrus odoratus L.     | Y    | N       | Tosh (1987) |   |
| FC no. | Aemma no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|-------|-----------|---------|--------------------------|------|---------|------------|---------|
| 451   | 2895,96   |         | Leucaena leucocephala (Lam.) de Wit | Y   | Y       | Vartak (1964), Ghate (1987), Tosh (1987) | Spreading fast |
| 452   | 3320      |         | Lupinus polyphyllus Lindl. | Y   | N       | Tosh (1987) |         |
| 453   | 4503      | 1947    | Medicago sativa L. | Y   | N       |          |         |
| 454   | 3850      | 2902    | Mimosa pudica L. | Y   | Y       | Around Botany Department |         |
| 455   | 1966      |         | Ougeinia oojeinensis (Roxb.) Hochr. | Y   | N       | Vartak (1964) | Desmodium oojeinense (Roxb.) H. Ohashi (accepted name) |
| 456   |           |         | Parkia biglandulosa Wight & Arn. | Y   | Y       | Vartak (1964), Mahajan (2006) | Around Maths department |
| 457   | 14110     |         | Parkinsonia aculeata L. | Y   | N       |          |         |
| 458   |           |         | Peltrophorum inerme (Roxb.) Naves | Y   | Y       | Vartak (1964) | Peltrophorum pterocarpum (DC.) K. Heyne (accepted name) |
| 459   | 9863      |         | Phaseolus aconitifolius Jacq. | Y   | N       | Vigna aconitifolia (Jacq.) Marechal (accepted name) |         |
| 460   | 10237     |         | Phaseolus radiatus L. | Y   | Y       | Vigna radiata (L.) R. Wilczek (accepted name) |         |
| 461   |           |         | Pithecellobium dulce (Roxb.) Benth. | Y   | Y       | Vartak (1964) |         |
| 462   | 8478      | 18130   | Pongamia pinnata (L.) Pierre | Y   | Y       | Vartak (1964), Tosh (1987) | Dennis indica (Jacq.) Benn. (synonym) |
| 463   |           |         | Prosopis juliflora (Sw.) DC. | N   | Y       | around boys hostel, hill |         |
| 464   | 11233     |         | Psoralea corylifolia L. | Y   | N       | Cullen corylifolium (L.) Medik. (accepted name) |         |
| 465   | 4998      |         | Rhynchosia minima (L.) DC. | Y   | Y       | Rare, near physics department |         |
| 466   | 3690      |         | Saraca indica L. | Y   | Y       | Vartak (1964), Wagh (1996), Mahajan (2009) | Planted at FCBG |
| 467   |           |         | Senna polyphylla (Jacq.) H.S. Irwin & Barneby | N   | Y       | Rare, around main building. Cut down during 2014 |         |
| 468   |           |         | Senna surattensis (Burm. f.) H.S. Irwin & Barneby | N   | Y       | Around IMDR |         |
| 469   |           |         | Sesbania grandiflora (L.) Pers. | Y   | N       | Vartak (1964) |         |
| 470   |           |         | Stylosanthes fruticosa (Retz.) Alston | N   | Y       | Common on hill |         |
| 471   | 3920      |         | Taverniera cuneifolia (Roth) Ali | Y   | Y       | Vartak (1964) |         |
| 472   | 22181     |         | Taviera grandiflora (L.) Pers. | N   | Y       |          |         |
| 474   | 9923      |         | Tephrosia purpurea (L.) Pers. | Y   | Y       |          | On hill |
| 475   | 10235     |         | Tephrosia tenuis Wall. | Y   | Y       | Tephrosia strigosa (Dalzell) Santapau & Maheshw. (accepted name). Rare on hill |         |
| 473   |           |         | Tephrosia pumila (Lam.) Pers. | N   | Y       | on hill and around boys hostel |         |
| 477   |           |         | Zapoteca portoricensis (Jacq.) H.M. Hern. | N   | Y       |          |         |
| 478   | 173       |         | Zornia diphylla (L.) Pers. | Y   | Y       |          | On hill |
| 479   | 9667      | 5678    | Torenia asioatia L. | Y   | N       |          |         |
| 480   |           |         | Torenia fournieri Linden ex E. Fourn. | N   | Y       |          |         |
| 481   |           |         | Loranthaceae | N   | Y       |          |         |
| 482   |           |         | Linderniaceae | N   | Y       |          |         |
| 483   | 9333      | 3171    | Cuphea hyssopifolia Kunth | N   | Y       | Around Maths department |         |
| 484   |           |         | Lagerstroemia indica L. | Y   | Y       |          |         |
| 485   | 9739      |         | Lawsonia inermis L. | Y   | N       |          |         |
| 486   | 9310      | 3248    | Punica granatum L. | Y   | Y       | Vartak (1964) |         |
| 487   |           |         | Vicia sp. | Y   | N       | Wagh (1996) |         |
| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 488    |          |         | Woodfordia floribunda Salisb. | Y    | Y       | Nalavade (2001) | Unresolved name |
| 489    | 00062    |         | Magnoliaceae              |      |         |            |         |
| 490    | 25b      |         | Hiptage madabota Gaertn.   | Y    | Y       | Wagh (1996) | Unresolved name, Hiptage bengalensis Kuntze (unresolved synonym). One specimen at FCBG |
| 491    | 784      |         | Malpighia glabra L.        | Y    | Y       | Only seen at FCBG |         |
| 492    | 778      |         | Thryallis glauca (Cav.) Kuntze | Y | Y | Galphimia glauca Cav. (accepted name) |         |
| 493    | 14107    |         | Abutilon indicum (L.) Sweet | Y    | Y       | Vartak (1959c) | Occasional in the campus |
| 494    | 3985     | 530     | Adansonia digitata L.      | Y    | Y       | Vartak (1959c, 1964), Ghate (1987) | Two specimens at FCBG |
| 495    | 404      |         | Althaea rosea (L.) Cav.    | Y    | N       | Vartak (1959c) | Alcea rosea L. (accepted name) |
| 496    | 181      |         | Bombax malabaricum DC.     | Y    | Y       | Vartak (1964) | Bombax ceibo L. (accepted name) |
| 497    | 12539    | 532     | Ceiba pentandra (L.) Gaertn. | Y | Y | Vartak (1959b, 1964), Ghate (1987), Wagh (1996), Mahajan (2006) | Eriodendron anfractuosum DC. (synonym, illegitimate). Behind Geology department |
| 498    |          |         | Corchorus trilocularis L.   | N    | Y       |            |         |
| 499    | 545      |         | Dombeya acutangula Cav.    | Y    | N       |            |         |
| 500    | 405      |         | Gossypium arboreum L.      | Y    | Y       | At staff quarters |         |
| 501    |          |         | Grewia hirsuta Vahl        | N    | Y       |            |         |
| 502    | 8428     |         | Grewia nilifolia Vahl      | Y    | Y       | Vartak (1964) | At FCBG |
| 503    |          |         | Guazuma ulmifolia Lam.     | N    | Y       | At FCBG |         |
| 504    | 5046     | 561     | Helicteres ixora L.        | Y    | N       |            |         |
| 505    | 7983     | 408, 409| Hibiscus cannabinus L.      | N    | Y       |            |         |
| 506    | 9846     |         | Hibiscus esculentus L.      | Y    | N       | Abefmoschus esculentus (L.) Moench (accepted name) |         |
| 507    | 24       | 425     | Hibiscus rosa-sinensis L.   | Y    | Y       |            |         |
| 508    |          |         | Hibiscus sabdariffa L.     | N    | Y       | Around boys hostel |         |
| 509    | 4593     | 427     | Hibiscus schizopetalus (Dyer) Hook. f. | Y | Y |            |         |
| 510    | 10218    | 570     | Kleinhovia hospita L.       | Y    | Y       | Vartak (1964), Ghate (1987) | One at FCBG Died in 2012 |
| 511    | 9663     |         | Malvastrum tricuspidatum A. Gray | Y | Y | Vartak (1959b) | Malvastrum coromandelianum (L.) Ganke (accepted name) |
| 512    | 8524     |         | Malviviscus arboreus Cav.   | Y    | Y       |            |         |
| 513    |          |         | Pterospermum acerifolium (L.) Willd. | Y | Y | Vartak (1960, 1964) | One small specimen at FCBG |
| 514    |          |         | Pterygota alata (Roxb.) R. Br. | N    | Y       | Huge specimen at FCBG misidentified as S.guttata. |         |
| 515    | 9880     |         | Sida cordifolia L.          | Y    | N       |            |         |
| 516    |          |         | Sida mysoensis Wight & Arn. | N    | Y       | Around IMDR |         |
| 517    | 142      |         | Sida rhombifolia L.         | Y    | N       |            |         |
| 518    |          |         | Sida spinosa L.             | N    | Y       |            |         |
| 519    | 15556, 12555 | 580, 581 | Sterculia foetida L.       | Y    | Y       | Vartak (1964), Mahajan (2006), Ghate (1987) | Behind Maths department |
| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 520    | 9433, 227| 582     | Sterculia guttata Roxb.   | Y N  | Vartak (1964, 1981), Ingalkihalkar & Barve (2010) | Unsolved name. Heritage specimen mentioned by Ingalkihalkar & Barve (2010) is P. oloto which died in December 2014 due to insect pests |
| 521    | 10321   | 499     | Thespesia populnea (L.) Sol. ex Corrêa | Y N  | Vartak (1964) |
| 522    | 713      |         | Triumfetta pentandra A. Rich. | Y N  | Vartak (1959f) |
| 523    | 2525     |         | Triumfetta rhomboidea Jacq. | Y Y  | |
|        |          |         | **Martyriaceae**            |      |         |            |         |
| 524    | 147      |         | Martynia diandra Gloxin     | Y Y  | Martynia annua L. (accepted name) |
| 525    |          |         | Aphanamixis polystachya (Wall.) R. Parker | Y Y  | Vartak (1964) | around Firodia Niketan |
| 526    | 999      |         | Azadirachta indica A. Juss. | Y Y  | Vartak (1964) |
| 527    | 3826     | 1017, 16941 | 685 Cedrela toona Roxb. ex Rottler | Y Y  | Vartak (1964), Ghate (1987), Wagh (1996) | Toona ciliata M. Roem. (accepted name). Rare, at FCBG |
| 528    |          |         | Khaya senegalensis(Dess.) A. Juss. | N Y  | Planted around boys hostel |
| 529    | 384      |         | Melia azedarach L.          | Y Y  | Vartak (1964) | Behind maths department |
| 531    | 8485     | 1011    | 692 Swietenia mahagoni (L.) Jacq. | Y Y  | Vartak (1964, 1981), Wagh (1996), Ghate (1987) | Specimens in front of Botany department planted in 1946 by Dr. P.S. Karekar (P.S. Karekar pers. comm. 2015) |
| 530    |          |         | Swietenia macrophylla King   | N Y  | one tree around main building |
| 532    | 21321    |         | Cocculus laurifolius DC.     | Y N  | Vartak (1959d, 1964) |
| 533    | 45       |         | Cocculus villosus DC.        | Y Y  | Cocculus hirsutus (L.) W. Theob. (accepted name) |
| 534    | 352      |         | Tinospora cordifolia (Willd.) Miers | Y Y  | Tinospora sinensis(Lour.) Merr. (accepted name) |
| 535    | 125      |         | Limnanthemum indicum (L.) Griseb. | Y N  | Nymphoides indica (L.) Kuntze (accepted name) |
| 536    |          |         | Mollugo pentaphylla L.       | N Y  | On hill |
| 537    |          |         | Artocarpus heterophyllus Lam. | Y Y  | Vartak (1959c) |
| 538    |          |         | Artocarpus integer (Thunb.) Merr. | Y N  | Vartak (1964) |
| 540    |          |         | Broussonetia papyrifera (L.) L’Hér. ex Vent. | N Y  | Spreading around third gate and geology department |
| 539    | 212      | 7383    | Dorstenia indica Wight       | Y Y  | Nerlekar & Laware (2013) | Rare, around maths department. Species needs validation |
| 541    |          |         | Ficus diversifolia Blume     | Y N  | Vartak (1964), Patwardhan & Gandhi (2000-01) | Ficus deftoidea Jack (accepted name) |
| 542    |          |         | Ficus amplissima Sm.         | N Y  | Behind Maths department |
| 543    | 1723     |         | Ficus benghalensis L.        | Y Y  | Vartak (1964, 1981) | Several well grown specimens at the hill-base |
| 544    |          |         | Ficus benjamina L.           | N Y  | |
| 545    |          |         | Ficus elastica Roxb. ex Hornem. | Y Y  | Vartak (1964), Ghate (1987), Wagh (1996) |
| 546    |          |         | Ficus maclellandii King      | N Y  | Around maths and botany departments |
| 547    | 7467     |         | Ficus mysorensis B. Heyne ex Roth | Y N  | Vartak (1964) | Ficus drupace Thunb. (accepted name) |
| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 548    |          |         | Ficus natalensis Hochst.  | Y    | N       | Ingalhalikar & Barve (2010) |         |
| 549    |          |         | Ficus pumila L.          | Y    | N       | Wagh (1996) |         |
| 550    |          |         | Ficus racemosa L.        | N    | Y       | Vartak (1964) | Surprisingly not recorded in the past |
| 551    |          |         | Ficus religiosa L.       | Y    | Y       | Vartak (1964, 1981) |         |
| 552    |          |         | Ficus retusa L.          | Y    | N       | Vartak (1964) |         |
| 553    |          |         | Morus alba L.            | Y    | Y       | Vartak (1964) |         |
|        |          |         | Moringaceae              |      |         |            |         |
| 554    |          |         | Moringa oleifera Lam.    | Y    | Y       | Vartak (1964) |         |
|        |          |         | Muntingiaceae            |      |         |            |         |
| 555    |          |         | Muntingia calabura L.    | N    | Y       | Vartak (1964) |         |
| 556    |          |         | Musa × paradisiaca L.    | N    | Y       | Vartak (1964) |         |
|        |          |         | Musaceae                 |      |         |            |         |
| 557    | 9438     |         | Callistemon lanceolatus (Sm.) Sweet | Y | Y | Vartak (1964), Mahajan (2006) |         |
| 558    | 11246    |         | Eucalyptus globulus Labill. | Y | Y | Vartak (1964) | one specimen on footpath (once inside FCBG) |
| 559    | 8483     |         | Eugenia sp.              | Y    | N       | Vartak (1964) |         |
| 560    | 1510     |         | Myrtus communis L.        | Y    | N       | Vartak (1964) |         |
| 561    | 9301     |         | Psidium guajava L.        | Y    | Y       | Vartak (1964) |         |
| 562    | 3075     |         | Syzygium cumini (L.) Skeels | Y | Y | Vartak (1964) |         |
| 563    | 3064     |         | Nephrolepis sp.          | Y    | N       | Wagh (1996) |         |
| 564    | 3075     | 3064    | Syzygium jambos (L.) Alston | Y | N | Ghate (1987) |         |
|        |          |         | Nephrolepidaceae         |      |         |            |         |
| 565    | 3910     | 6587    | Boerhavia diffusa L.     | Y    | Y       | Vartak (1964) |         |
| 566    | 6600     |         | Bougainvillea spectabilis Willd. | Y | Y | Vartak (1964) |         |
| 567    | 4587     |         | Jasminum auriculatum Vahl | N    | Y       | Andrews |         |
| 568    | 4575     |         | Jasminum officinale L.    | Y    | Y       | Andrews |         |
| 569    | 4593     |         | Jasminum multiflorum (Burm.f.) Andrews | Y | N | Andrews |         |
| 570    | 114      |         | Mirabilis jalapa L.      | N    | Y       | Ghate (1987) |         |
| 571    | 4606     |         | Nymphaea nouchali Burm.f. | Y | Y | Vartak (1964) |         |
| 572    | 115      |         | Oleaceae                 |      |         |            |         |
| 573    |          |         | Jasminum azoricum L.     | N    | Y       | Vartak (1964) |         |
| 574    |          |         | Jasminum dichotomum Vahl | N    | Y       | Andrews |         |
| 575    | 4587     |         | Jasminum laurifolium var. laurifolium Roxb. ex Hornem. | N | Y | Ghate (1987) |         |
| 576    | 4575     |         | Jasminum multiflorum (Burm.f.) Andrews | Y | N | Andrews |         |
| 577    | 4593     |         | Jasminum officinale L.    | Y    | Y       | Andrews |         |
| 578    | 4606     |         | Nectandra arbus-tristis L. | Y | Y | Vartak (1964) |         |
| 579    |          |         | Nectandra arbus-tristis L. | Y | Y | Vartak (1964) |         |
| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | Comments |
|-------|----------|---------|--------------------------|------|---------|----------|
| 580   | 4612, 4613 |         | Olea dioica Roxb.         | Y    | N       | Vartak (1964), Ingilhalikar & Barve (2010), Patwardhan & Gandhe (2000–01) |
| 581   |          |         | Ludwigia perennis L.     | N    | Y       | On hill |
| 582   | 214      |         | Dendrobium sp.            | Y    | N       | Orchidaceae |
| 583   | 11226    | 5605    | Epidendrum radicans Pav. ex Lindl. | N    | Y       | Cultivated around Firodia Niketan |
| 584   | 7977     | 25568   | Eulaphia protensis Lindl. | Y    | N       | Orobanchaceae |
| 585   | 7162     | 5471    | Buchnera hispida Buch-Ham. ex D. Don | Y    | Y       | on hill |
| 586   | 11226    | 5605    | Sopubia delphinifolia G. Don | Y    | Y       | Unresolved name, on hill |
| 587   | 10264    |         | Striga gesnerioides (Wild.) Vatke | Y    | Y       | On hill |
| 588   |          |         | Averrhoa bilimbi L.       | Y    | N       | Oxlalidaceae |
| 589   |          |         | Averrhoa carambola L.     | Y    | N       | Vartak (1964) |
| 590   | 29       |         | Biophytum sensitivum (L.) DC. | Y    | Y       | Was present at FCBG |
| 591   | 811      |         | Oxalis comberi R. Knuth   | Y    | N       | Oxalis corniculata L. |
| 592   |          |         | Oxalis corniculata L.     | N    | Y       | Surprisingly not recorded in the past |
| 593   | 815      |         | Oxalis latifolia Kunth     | Y    | Y       | Around IMDR |
| 594   |          |         | Pandanus tectorius Parkinson ex Du Roi | Y    | Y       | Around Firodia Niketan |
| 595   | 68       |         | Argemone mexicana L.      | Y    | Y       | Papaveraceae |
| 596   | 171      |         | Fumaria indica (Hausskn.) Pugsley | Y    | N       | At waste places |
| 597   | 170      |         | Papaver somniferum L.     | Y    | N       | Passifloraceae |
| 598   | 3257     |         | Passiflora edulis Sims    | Y    | N       | Passiflora edulis Sims |
| 599   | 3259     |         | Passiflora foetida L.     | Y    | Y       | On hill, tennis court fence |
| 600   | 6294     | 5811    | Sesamum indicum L.        | Y    | Y       | Pedaliaceae |
| 601   | 9871     |         | Bridelia squamosa (Lam.) Gehrm. | Y    | Y       | Phyllanthaceae |
| 602   |          |         | Circa acida (L.) Mert.    | Y    | Y       | Phyllanthus retiusa (L.) A. Juss. (accepted name). Specimen at FCBG probably dead |
| 603   | 7980     |         | Emblica officinalis Gaertn. | Y    | Y       | Phyllanthus acidus (L.) Skeels (accepted name) |
| 604   |          |         | Fluegga leucopyrus Wild.   | N    | Y       | Phyllanthus emblica L. (accepted name) |
| 605   |          |         | Phyllanthus niruri L.      | N    | Y       | on hill |
| 606   |          |         | Phyllanthus reticulatus Poir. | N    | Y       | Seen on hill and around IMDR |
| 607   | 6853     |         | Rivina humilis L.         | N    | Y       | Pedaliaceae |
| 608   |          |         | Peperomia pellucida (L.) Kunth | Y    | Y       | Angelonia sp. |
| 609   | 11227    |         | Angelonia sp.             | Y    | N       | Antirrhinum majus L. |
| 610   | 9651     | 5449    |                           | Y    | N       |
| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 611    | 10266, 145 |         | Kickxia ramosissima (Wall.) Janch.| Y   | Y       |            | Nanorrhinum ramosissimum (Wall.) Betsche (accepted name), Linaria ramosissima Wall. (synonym). On hill |
| 612    | 9416      | 5589    | Russelia juncea Zucc.       | Y   | N       |            | Russelia euxisiformis Schlidl. & Cham. (accepted name) |
| 613    | 143       | 5596    | Scaparia dulcis L.          | Y   | Y       |            | On hill and around main building |

**Plumbaginaceae**

| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | Remarks |
|--------|----------|---------|--------------------------|------|---------|---------|
| 614    |          | 4494    | Plumbago auriculata Lam.  | Y   | Y       | Around maths department |
| 615    |          |         | Plumbago zeylanica L.     | N   | Y       | Around maths department |

**Poaceae**

| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | Remarks |
|--------|----------|---------|--------------------------|------|---------|---------|
| 616    |          |         | Allotroopus cimicina (L.) Stapf | N   | Y       | On hill |
| 617    | 7103     | 20003   | Amphilophis pertusa (L) Stapf | Y   | Y       | Bothriochloa pertusa (L.) A. Camus (accepted name), Dichanthium pertusum (L.) Clayton (synonym). |
| 618    | 7065     |         | Andropogon pumilus Roxb.   | Y   | N       |         |
| 619    | 7082     |         | Apluda aristata L.         | Y   | Y       | Apluda mutica L. (accepted name). Abundant on hill |
| 620    | 7108     |         | Aristida funiculata Trim. & Ruhr. | Y   | Y       | Common on rocky denuded slopes on hill |
| 621    | 7095     |         | Aristida hystrix L.f.      | Y   | N       |         |
| 622    |          |         | Aristida redacta Stapf     | N   | Y       | On hill |
| 623    | 5746     |         | Aristida setacea Retz.     | Y   | Y       | On hill |
| 624    | 10870    |         | Arthroxon echinatus (Nees) Hochst. | Y   | N       |         |
| 625    | 10898    |         | Arthroxon lancifolius (Trin.) Hochst. | Y   | N       |         |
| 626    | 7075     | 10923   | Arthroxon prionodes (Sted.) Dandy | Y   | Y       | Arthroxon serrulatus Hochst. (synonym). On hill |
| 627    |          |         | Arundinella ciliata (Roxb.) Nees ex Miq. | N   | Y       | Rare |
| 628    | 11048    |         | Avena sativa L.            | N   | Y       |         |
| 629    |          |         | Axonopus compressus (Sw.) P. Beauv. | N   | Y       | Cultivated lawn grass |
| 630    |          |         | Bambusa bambos (L) Voss    | N   | Y       |         |
| 631    |          |         | Bambusa multiplex (Lour.) Rausch. ex Schult. | N   | Y       | Cultivated ornamental around maths department |
| 632    |          |         | Bambusa vulgaris Schrad.   | N   | Y       | At central garden |
| 633    |          |         | Brachiaria eruciformis (Sm.) Griseb. | N   | Y       | Erodium eruciformis (Sm.) Veldkamp (synonym). Rare, seen around Life Sciences building |
| 634    |          |         | Chloris barbata Sw.        | N   | Y       | Common |
| 635    | 11091    |         | Chloris gayana Kunt.      | Y   | N       |         |
| 636    | 5381     |         | Chloris virgata Sw.        | Y   | Y       |         |
| 637    | 5395, 5396 |         | Chrysopogon montanus Trin. | Y   | Y       | Chrysopogon fulvus (Spreng.) Chiov. (accepted name). On hill |
| 638    |          |         | Chrysopogon zizanioides (L.) Roberty | N   | Y       | Vetiveria zizanioides (L.) Nash (synonym). On hill |
| 639    |          |         | Cymbopogon citratus (DC.) Stapf | N   | Y       | Cultivated at staff quarters |
| 640    |          |         | Cymbopogon martini (Roxb.) W.Watson | N   | Y       | On hill |
| 641    | 7924     | 11127   | Cydonia dactylon (L) Pers.  | Y   | Y       | Common |
| 642    | 5308     | 11131   | Daucylodon aegyptium (L.) Wild. | Y   | Y       | Common |
| 643    |          |         | Dendrocalamus giganteus Munro | Y   | Y       | Vartak (1964, 1981), Inghalalkar & Barve (2010) Only seen at FCGB |
| 644    |          |         | Dendrocalamus strictus (Roxb.) Nees | N   | Y       |         |
| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 645    |          |         | Dichanthium annulatum (Forssk.) Stapf | N    | Y       |            | Seen on open areas and hill |
| 646    | 7084     | 11147   | Dichanthium caricosum (L.) A. Camus | Y    | N       |            |         |
| 647    | 5323     | 111158  | Digitaria marginata Link      | Y    | Y       |            | Digitaria ciliaris (Retz.) Koeler (accepted name), Digitaria adscendens (Kunth) Henrard (synonym) |
| 648    |          |         | Digitaria radicosa (L. Presi) Miq | N    | Y       |            |         |
| 649    | 19752    |         | Dinebra retroflexa (Vahl) Panz | Y    | Y       |            | Seen at FCBG |
| 650    | 5343     |         | Echinocloa colona (L.) Link    | Y    | Y       |            | Seen around maths department, hill |
| 651    |          |         | Eleusine indica (L.) Gaertn.    | N    | Y       |            |         |
| 652    | 7092     | 11198   | Elionurus royleanus Nees ex A. Rich | Y    | N       |            | Vartak (1959e) |
| 653    |          |         | Eragrostis atravenens (Desf.) Trin. ex Steud. | N    | Y       |            |         |
| 654    | 7088     |         | Eragrostis ciliaris (L.) R. Br. | Y    | Y       |            | Rare, seen on hill |
| 655    |          |         | Eragrostis japonica (Thunb.) Trin. | N    | Y       |            |         |
| 656    |          |         | Eragrostis minor Host           | N    | Y       |            |         |
| 657    |          |         | Eragrostis nutans (Retz.) Nees ex Steud. | N    | Y       |            |         |
| 658    | 11212    |         | Eragrostis pilosa (L.) P. Beauv. | Y    | N       |            |         |
| 659    | 11214    |         | Eragrostis superba Pey.         | Y    | N       |            |         |
| 660    |          |         | Eragrostis tenuifolia (A. Rich.) Hochst. ex Steud. | N    | Y       |            | Eragrostis patula (Kunth) Steud. (accepted name). Seen around Wadia Library |
| 661    | 7168     |         | Eragrostis uniuoloides (Retz.) Nees ex Steud. | Y    | N       |            |         |
| 662    | 5378     |         | Gracilea royleana Hook. f.      | Y    | Y       |            | Melanocenchris Jacquemontii Jaub. & Spach (accepted name). On hill |
| 663    |          |         | Hackelochloa granularis (L.) Kuntze | N    | Y       |            | Mnesithrea granularis (L.) de Koning & Sosef (synonym). Uncommon on hill |
| 664    | 7113     |         | Heteropogon contortus (L.) P. Beauv. ex Roem. & Schult. | Y    | Y       |            | On hill |
| 665    | 5350, 5351 |        | Iselima antiephoroides Hack.    | Y    | Y       |            | On hill |
| 666    | 7117     |         | Lophopogon tridentatus (Roeb.) Hack. | Y    | Y       |            | On hill |
| 667    |          |         | Microchloa indica (L.f.) P. Beauv. | Y    | Y       |            | Vartak (1959e) On hill |
| 668    | 5312     |         | Nazia racemosa (L.) Kuntze      | Y    | N       |            | Tragus racemosus (L.) All. (accepted name) |
| 669    |          |         | Opismenus burmanni (Retz.) P. Beauv. | N    | Y       |            | In shady areas |
| 670    | 7071     | 11359   | Panicum sumatrense Roth        | Y    | N       |            |         |
| 671    | 5390     |         | Paspalium flavum (Retz.) A. Camus | Y    | N       |            |         |
| 672    | 4748, 4749|        | Pennisetum alopecuros J. Jacq. | Y    | N       |            | Setaria macrostachya Kunth (accepted name) |
| 673    |          |         | Pennisetum pedicellatum Trin.  | N    | Y       |            |         |
| 674    |          |         | Pennisetum purpureum Schumach. | N    | Y       |            | On hill |
| 675    |          |         | Pogonatherum crinitum (Thunb.) Kunth | N    | Y       |            | Rare |
| 676    |          |         | Sehima nervosum (Rottler) Stapf | N    | Y       |            | On hill |
| 677    | 5369     |         | Setaria glauca (L.) P. Beauv.   | Y    | Y       |            | Pennisetum glaucum (L.) R. Br. (accepted name), Setaria pumila (Poic.) Roem. & Schult. (considered as synonym) |
| 678    |          |         | Setaria verticillata (L.) P. Beauv. | N    | Y       |            |         |
| 679    |          |         | Sorghum bicolor (L.) Moench  | N    | Y       |            | Cultivated on hill |
| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 680    |          |         | *Sorghum controversum* (Stead.) Snowden | N    | Y       |            | On hill  |
| 681    |          |         | *Sporobolus tenuissimus* (Schrank.) Kuntze | N    | Y       |            |         |
| 682    | 7061     |         | *Tetrapogon tenellus* (Roy.) Chiov. | N    | Y       |            | Ocasional on hill |
| 683    |          |         | *Themeda quadrivalvis* (L.) Kuntze | Y    | Y       |            | On hill  |
| 684    |          |         | *Tripogon jaqueumontii* Stapf | N    | Y       |            | On hill  |
| 685    |          |         | *Urochloa ramosa* (L.) T.Q. Nguyen | N    | Y       |            | *Brachiaria ramosa* (L.) Stapf (accepted name) |
| 686    |          |         | *Zea mays* L. | N    | Y       |            | Cultivated on hill |

**Polygalaceae**

| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 687    | 10       |         | *Polygala chinensis* L. | Y    | Y       |            |         |
| 688    | 11       |         | *Polygala persicariaefolia sensu* Eyles non DC. | Y    | Y       | *Polygala sphenoptera* Fresen. (accepted name) |         |

**Polygonaceae**

| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 689    | 6758     |         | *Antigonon leptopus* Hook. & Arn. | Y    | Y       |            |         |
| 690    | 6760     |         | *Coccoloba uvifera* (L.) L. | Y    | N       | Vartak (1964, 1981), Patwardhan & Gandhe (2000-01) |         |
| 691    | 195   | 6761     | *Muehlenbeckia platyclada* (F.J. Müll.) Meisn. | Y    | N       | *Homalocladium platycladum* (F. Müell.) L.H. Bailey (unresolved name) |         |
| 692    | 6816     |         | *Rumex vesicarius* L. | Y    | N       |            |         |

**Portulacaceae**

| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 693    | 8515     |         | *Pleopeltis phymatodes* (L.) T. Moore | Y    | N       | Phymatosorus slocopendria (Burm. f.) Pich. Serm. (accepted name) |         |
| 694    | 9726     |         | *Eichhornia crassipes* (Mart.) Solms | Y    | Y       | Wagh (1996) | Cultivated around Botany department |

**Psilotaceae**

| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 698    |          |         | *Psilotum sp.* | Y    | Y       | Vartak (1958a, 1981), Wagh (1996) | Cultivated around Botany department |

**Pteridaceae**

| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 699    |          |         | *Actinopteris dichotoma* Mett. | Y    | N       | Vartak (1959c) |         |
| 700    |          |         | *Adiantum sp.* | Y    | Y       | Wagh (1996) | Around IMDR and Kimaya |
| 701    |          |         | *Pteris vittata* L. | Y    | Y       | Bomble & Laware (2010) | Cultivated for experimental purpose, seen on buildings |

**Ranunculaceae**

| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 702    | 838   | 7292     | *Putranjiva roxburghii* Wall. | Y    | Y       | Vartek (1964, 1981) | Some specimens at FCBG |
| 703    | 18      |          | *Delphinium ajacis* L. | Y    | N       | Consolida ajacis (L.) Schur (accepted name) |         |
| 704    |          |         | *Naravelia zeylonica* (L.) DC. | Y    | N       | Wagh (1996) |         |
| 705    | 5039     |          | *Ziziphus jujuba* Mill. | Y    | Y       | Vartek (1964) |         |
| 706    | 9843     |          | *Ziziphus oenopolia* (L.) Mill. | Y    | Y       | Seen at open, waste places |         |
| FC no. | AHMA no. | PPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 707    | 1116     |         | Ziziphus rugosa Lam.     | Y    | N       |            |         |
| 708    |          |         | Ziziphus xylopyrus (Retz.) Willd. | Y    | Y       | Vartak (1964) |         |
| 709    | 9450     | 2917    | Eriobotrya japonica (Thunb.) Lindl. | Y    | N       | Vartak (1964) |         |
| 710    |          |         | Rosa sp.                 | N    | Y       |            |         |
| 711    | 7180     |         | Barreria stricta G.Mey.  | Y    | Y       |            | Spermacoce verticillata L. [accepted name] |
| 712    | 5337     | 3563, 3564 | Catesbaea spinosa L.   | Y    | N       |            |         |
| 713    | 8407     | 3565, 3566 | Caffea arabica L.        | Y    | N       | Vartak (1964) |         |
| 714    | 9341     | 3578, 3679 | Gardenia latifolia Alton | Y    | Y       | Vartak (1960, 1964), Patwardhan & Gandhe (2000–01), Ingahalikar & Barve (2010) | Rare, only seen at FCBG |
| 715    | 8321     | 3580, 3581 | Gardenia lucida Roxb.    | Y    | Y       | Vartak (1964) | Gardenia resinifera Roth (accepted name). Seen around maths department |
| 716    | 8303     |         | Hamelia patens Jacq.    | Y    | Y       | Vartak (1964), Wagh (1996) |         |
| 717    | 1500     |         | Hamiltonia suaveolens (Roxb.) Roxb. | Y    | N       |            | Spermadictyon suaveolens Roxb. (accepted name) |
| 718    | 3604     |         | Ixora arborea Roxb. ex Sm. | Y    | Y       | Vartak (1964) | Ixora paveta And.: (accepted name) |
| 719    | 3614     |         | Ixora lanceolaria Colebr. | N    | Y       |            |         |
| 720    | 8411     |         | Ixora parviflora Lam.    | Y    | Y       | Rare, at FCBG |         |
| 721    |          |         | Ixora coccinea L.        | N    | Y       |            |         |
| 722    | 14111    | 3630    | Mitragyna parvifolia (Roxb.) Korth. | Y    | Y       | Vartak (1964) | Rare, seen around maths department |
| 723    | 3925     | 3649    | Morinda citrifolia L.    | Y    | Y       | Vartak (1964) | M. tinctoria Noronha (invalid synonym), M. tomentosa B. Heyne ex Roth (synonym) |
| 724    |          |         | Mussaenda erythrophylla Schumach. & Thonn. | N    | Y       |            |         |
| 725    |          |         | Neolamarckia cadamba (Roxb.) Bosser | N    | Y       |            | Planted at central garden |
| 726    | 3671     |         | Oldenlandia aspera (B. Heyne ex Roth) DC. | Y    | N       | Kohautia aspera (B. Heyne ex Roth) Bremek. (accepted name) |         |
| 727    | 9873     |         | Oldenlandia corymbosa L. | Y    | Y       |            |         |
| 728    |          |         | Pentas lanceolata (Forssk.) Defflers | N    | Y       |            | Cultivated around Firodia Niketan |
| 729    | 3929     | 14044   | Randia brandisii Gamble  | Y    | N       | Vartak (1964) | Catunaregam spinosa (Thunb.) Tirveng (accepted name) |
| 730    |          |         | Randia uliginosa (Retz.) Poir. | Y    | N       | Vartak (1964) | Tamilnadia uliginosa (Retz.) Tirveng. & Sastre (accepted name) |
| 731    | 1556     | 3758    | Randriéria odorata Jacq. | Y    | N       | Vartak (1960) |         |
| 732    | 1529     |         | Rubia cordifolia L.       | Y    | N       |            |         |
| 733    | 3774, 3775 |         | Serissa foetida (L.f.) Lam. | Y    | N       | Vartak (1964), Ghate (1987) | Serissa japonica(Thunb.) Thunb. (accepted name) |
| 734    | 9331     | 16125   | Aegle marmelos (L.) Corrêa | Y    | Y       | Vartak (1964), Ghate (1987) | around botany, maths departments, main parking and planted on hill |
| 735    | 945      |         | Chloroxylon swietenia DC. | Y    | N       | Vartak (1964), Ghate (1987) |         |
| 736    |          |         | Citrus aurantifolia (Christm.) Swingle | N    | Y       |            |         |
| 737    |          |         | Citrus medica L.          | Y    | N       | Vartak (1964) |         |
| 738    |          |         | Citrus sinensis (L.) Osbeck | Y    | N       | Vartak (1964) |         |
| 739    | 8434     |         | Feronia limonia (L.) Swingle | Y    | Y       | Vartak (1964) | Unresolved name (F. elephantum Corrêa is also unresolved) |
| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 740    | 9421     | 958     | Murraya koenigii (L.) Spreng. | Y    | Y       | Vartak (1964) |         |
| 741    | 10257    | 960     | Murraya paniculata (L.) Jack | Y    | Y       |            |         |
| 742    | 5334, 9319 | 962   | Ruta graveolens L. | Y    | N       |            |         |
| 743    |          |         | Triphasia trifolia (Burm. f.) P. Wilson | Y    | N       | Triphasia aurantiola Lour. (synonym) |         |
|        |          |         | Salvinia cucullata Roxb. | Y    | N       | Vartak (1964) |         |
|        |          |         | Salvia hispanica L. | Y    | N       |            | Salvia aurantiola Lour. (synonym) |
|        |          |         | Ruta graveolens L. | Y    | N       |            |         |
| 744    |          |         | Azolla sp. | Y    | N       | Wagh (1996) |         |
| 745    | 8432     |         | Murraya paniculata (L.) Jack | Y    | N       | Vartak (1964) |         |
|        | 10268    | 6997    | Santalum album L. | Y    | Y       | Vartak (1964) | A few mature specimens around Amphitheatre |
| 746    | 4446     |         | Cardiospermum halicocabum L. | Y    | N       |            |         |
| 747    | 4539     |         | Achras sapota L. | Y    | Y       | Vartak (1959c, 1964) | Monilaria zapota (L.) P. Royen (accepted name) |
| 748    | 8514     | 4541    | Chrysophyllum cainito L. | Y    | Y       | Vartak (1964), Ghate (1987) | Rare, only seen planted on hill |
| 749    | 2363     |         | Bonnaya bracteata Griff. | Y    | N       | Linderia antipoda (L.) Alston (accepted name) |         |
| 750    | 7913     | 5690    | Verbascum coromandelianum (Vahl) Kuntze | Y    | Y       | Verbasum chinense (L.) Santapau (accepted name) |         |
| 751    |          |         | Litchi chinensis Sonn. | Y    | N       | Vartak (1964, 1981) | Rare, around Maths department. Tree at FCBG dead |
| 752    | 19192    |         | Sapindus emarginatus Vahl | Y    | Y       | Vartak (1964), Ingalhalikar & Barve (2010) | Rare, only seen next to Photography department |
| 753    | 40       | 1298    | Sapindus aureus Blb. ex DC. | Y    | Y       | Mahajan (2010) | Unresolved name |
| 754    | 9408     |         | Schleichera oleosa (Lour.) Merr. | Y    | Y       | Vartak (1964), Ingalhalikar & Barve (2010) | Rare, only seen at FCBG |
| 755    |          |         | Medicago indica J.F. Gmel. | Y    | Y       | Vartak (1964, 1981) | Medicago longifolia var. sativa L. (Roxb.) A. Chev. (accepted name). Rare, one well grown specimen on footpath (once inside FCBG) |
| 756    | 4547     |         | Manilkara hexandra (Roxb.) Dubard | Y    | Y       | Vartak (1964), Ghate (1987) | Mimusops hexandra Roxb. (synonym). Couple of specimens at FCBG |
| 757    |          |         | Manilkara zapota (L.) P. Royen | Y    | N       | Vartak (1964) | Near Kimaya and planted on hill |
| 758    |          |         | Manilkara hexandra (Roxb.) Dubard | Y    | Y       | Vartak (1964), Ghate (1987) | Rare, around Maths department |
| 759    | 8443     | 14384   | Mimusops siamensis L. | Y    | Y       | Vartak (1964) | Rare, only seen around Maths department |
| 760    |          |         | Mimusops elengi L. | Y    | Y       | Vartak (1964) | Rare, only seen around Maths department |

References:
- Vartak (1964)
- Ghate (1987)
- Wagh (1996)
- Mahajan (2010)
- Ingalhalikar & Barve (2010)
| FC no. | AHMA no. | HPU no. | Family / Scientific name | Past | Present | References | Remarks |
|--------|----------|---------|--------------------------|------|---------|------------|---------|
| 767    | 8091     |         | Smilacaceae               |      |         |            |         |
| 768    |          |         | Smilax zeylanica L.       | Y    |         | Deore et al. (2010) |         |
| 769    | 140b     |         | Solanaceae                |      |         |            |         |
| 770    |          |         | Capsicum annuum L.        | Y    |         |            |         |
| 771    | 4467     |         | Datura innoxia Mill.      | Y    | N       | Vartak (1957) |         |
| 772    | 5340     |         | Datura quercifolia Kunth  | Y    | N       |            |         |
| 773    | 10318    |         | Nicandra physalodes (L.) Gaertn. | Y | N |            |         |
| 774    | 5355     |         | Nicotiana tabacum L.      | Y    | N       |            |         |
| 775    |          |         | Nicotiana plumbaginifolia Viv. | N | Y | Abundant |         |
| 776    | 5360     |         | Petunia nyctaginiflorauss. | Y    | Y       |            |         |
| 777    | 140      | 5365    | Physalis minima L.        | Y    | N       |            |         |
| 778    |          |         | Solanum iyopersicum L.    | N    | Y       |            |         |
| 779    |          |         | Solanum melongena L.      | N    | Y       |            |         |
| 780    | 10211    | 5399    | Solanum nigrum L.         | Y    | Y       | Solanum americanum Mill. (accepted name) |         |
| 781    | 5405     |         | Solanum seaforthianum Andrews | Y | Y | Rare, cultivated on hill |         |
| 782    | 22       | 5409    | Solanum torvum Sw.        | Y    | N       |            |         |
| 783    | 19482    |         | Solanum virginianum L.    | Y    | N       |            |         |
| 784    |          |         | Ulmaceae                  |      |         |            |         |
| 785    | 7359     |         | Holoptelea integrifolia Planch. | Y | Y | Vartak (1964) | Unresolved name |
| 786    |          |         | Urticaceae                |      |         |            |         |
| 787    | 210      |         | Boehmeria nivea (L.) Gaudich. | Y | Y | Vartak (1959c) |         |
| 788    | 207      |         | Pilea cadierei Gagnep. & Guillaumin | N | Y |         |         |
| 789    | 213      | 7340    | Pilea microphylla Rusby   | Y    | N       | Pilea picta Herzog (accepted name) |         |
| 790    | 6218     |         | Pilea macrophylla Rusby   | Y    | N       |         |         |
| 791    | 3993     | 6241    | Pilea picta Herzog        | Y    | N       |         |         |
| 792    |          |         | Verbenaceae               |      |         |            |         |
| 793    |          |         | Trema orientalis (L.) Blume | Y | Y | Vartak (1964) |         |
| 794    | 173      | 6269    | Verbena hybrida Groenl. & Rumphler | N | Y | Present at FCBG |         |
| 795    | 9465     | 6271    | Verbena venosa Gilies & Hook. | Y | N | Verbena rigida Spreng. (accepted name) |         |
| 796    |          |         | Vitaceae                  |      |         |            |         |
| 797    | 9423     | 6280    | Vitis vinifera L.         | Y    | N       |            |         |
| 798    | 10270    | 1184    | Vitaceae                  |      |         |            |         |
| 799    | 1199     |         | Vitis vinifera L.         | Y    | N       |            |         |
| 800    |          |         | Cissus rotundifolia Vahl  | Y    | N       | Around Maths department |         |
| 801    | 477      |         | Vitis sambucina Benth.    | Y    | N       | Unresolved name |         |
| 802    | 462      |         | Vitis discolor (Blume) Dalzell | Y | N | Cissus sjevania DC. (accepted name) |         |
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