

Taxonomical Aids-

Herbarium & Botanical Garden:

(1) Herbarium - It is the collection of Dried, Pressed & Preserved Plants parts mounted on paper sheets (29 x 41.5 cm) that are properly labelled, systematically arranged. 11.5 x 16.5 inch.

Majority of the world's famous Herbaria originated from botanical Garden.

Requirement - Regular field visit / certain tools i.e. - scissor, knife, digger, & a pole with hook for taller plants / Vascuum (Box) for specimen collection.

Mounting - in n or w form with Gum. Pointed label on lower right corner with - Name of Institution, Scientific & common name of plant, locality, Date of collection, candidate name.

(2) Botanical Garden - It is a place where plants from various Group are grown for scientific study, conservation, Public education, Aesthetic & Recreation.

Arboratum - collection of similar types of plant.

Largest - Royal Botanical Garden Kew London

- Indian " " " " Kolkata

- National " " " " Lucknow

Both Herbarium & Botanical Garden -

- Onsite Teaching Aesthetic & Recreation.
- Public Service (wood for sale)
- Ecological Role (Rain, climate)
- Provide employment

- (1) Make Public awareness about plants of that country
- (2) Create Interest about plant
- (3) Encourage cultivation & discourage of vegetation destruction.
- (4) Preservation

⑤ - Key → KEY — It is the Taxonomical Aid used for Identification of Plants & Animals on the Basis of similarities & dissimilarities. Keys are Based on alternate (contrasting) character generally in Pair called couplet. Identification of Plants & Animals is done by selecting & eliminating the characters A/c to their presence or absence in the organism under study. Each statement in the key is called lead. Separate Taxonomic keys are required for each Taxonomic category like — key for Family, Genus, Sp etc.

⑥ - Flora — contain actual accounts of Habitat & distribution of Plants of a Given area

⑦ - Manuals — Provide Informations for Identification of Names of sp. found in an Area.

⑧ - Monograph — contain Information on any one Taxon.