
Botany

The study of plants

Perennial plants

Plants that grow year after year

Annual plants

Plants that live for only one year

Biennial plants

Plants that live for two years

**Vegetative
organs**

The parts of a plant (such as stems, roots, and leaves) that are not involved in reproduction

**Reproductive
plant organs**

The parts of a plant (such as flowers, fruits, and seeds) involved in reproduction

**Undifferentiated
cells**

Cells that have not specialized in any particular function

Xylem

Nonliving vascular tissue that carries water and dissolved minerals from the roots of a plant to its leaves

Phloem

Living vascular tissue that carries sugar and organic substances throughout a plant

Leaf mosaic

The arrangement of leaves on the stem of a plant

Leaf margin

The characteristics of the leaf edge

Deciduous plant

A plant that loses its leaves for winter

Girdling

The process of cutting away a ring of inner and outer bark all the way around a tree trunk

Alternation of generations

A life cycle in which there is both a multicellular diploid form and a multicellular haploid form

Dominant generation

In alternation of generations, the generation that occupies the largest portion of the life cycle

Pollen

A fine dust that contains the sperm of seed-producing plants

Cotyledon

A "seed leaf" which develops as a part of the seed- it provides nutrients to the developing seedlings and eventually becomes the first leaf of the plant
