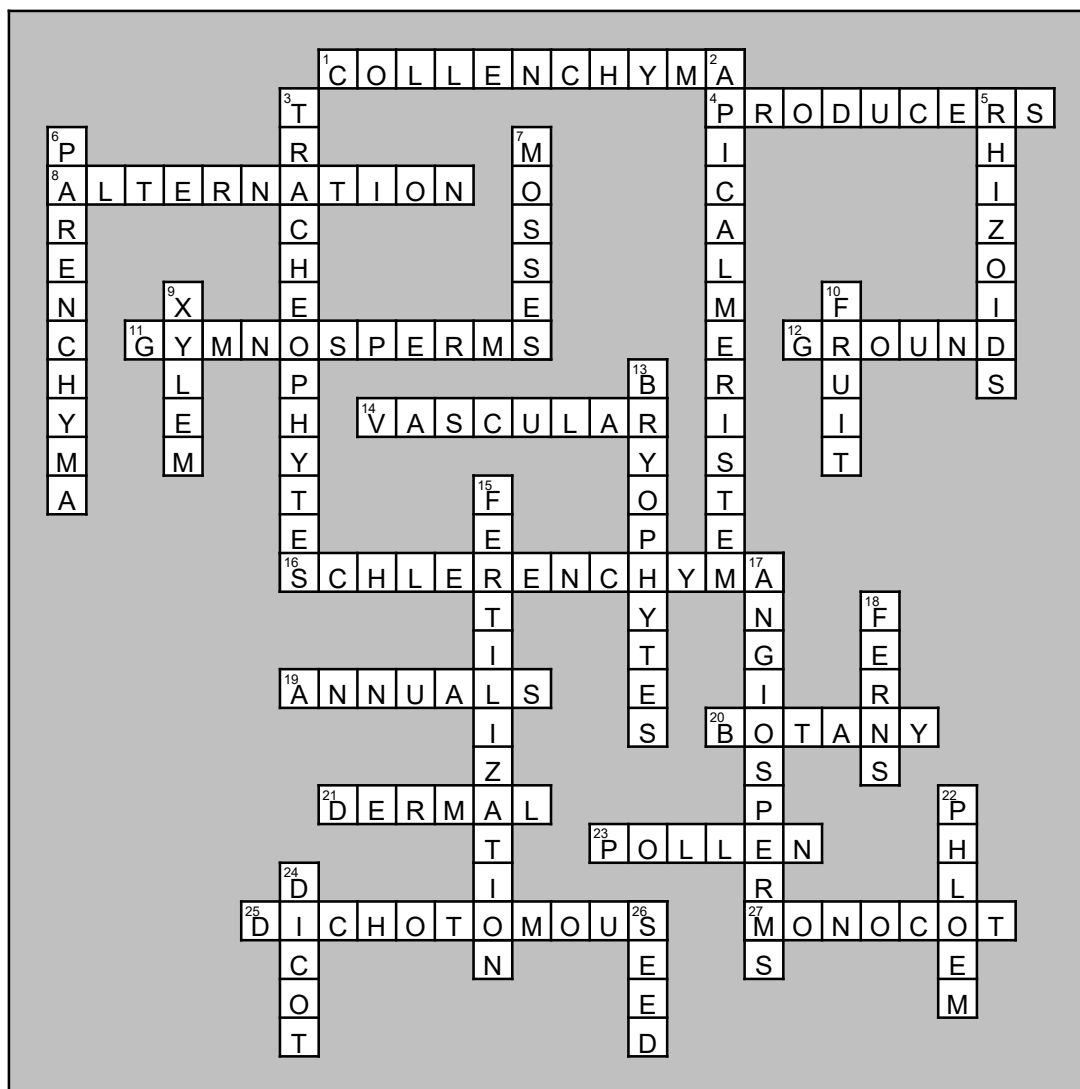


Crossword



Across

- Support in active areas of growth, especially shoots. Can be photosynthetic.
- Plants are primary ___ (autotrophic by photosynthesis).
- ___ of generation; sporophyte (diploid: 2n) and gametophyte (haploid: n).
- Cone bearing (seeds) plants. Non-flowering. Pine. Spruce.
- Tissue that fills the space between dermal and vascular tissue. Support. Storage.
- Tissue transporting water and nutrients. Arranged in bundles. Xylem. Phloem.
- Support where growth has ceased.
- Life cycle completes in one year.
- Study of plants.
- Single layer of tissue, epidermis. Protective. Secretes waxy coating (water proof).
- Sperm cells that are transferred from male to female reproductive structures.
- Key used to identify organisms by distinguishing between numbered statements.
- One cotyledon (leaf produced by embryo). Fibrous roots. Veins parallel.

Down

- Found at root tips and buds of shoots. Rapid mitosis of cells.
- Vascular tissue. Seedless (ferns) and seeds (gymnosperms and angiosperms). Do not need water to reproduce.
- Root-like structures in bryophytes to anchor and absorb water and nutrients from soil.
- Photosynthetic ground tissue. Storage in roots.
- Do not contain vascular tissue.
- Carries water and minerals. Dead cells. Wood.
- Wall of tissue surrounding the seed.
- Mosses and liverworts. No vascular tissue. Need water to reproduce.
- Zygote produced from gametes (egg + sperm).
- Flowering plants. Grasses, trees, shrubs. Fruit.
- Vascular tissue, but no seeds. Water needs for fertilization.
- Carries nutrients from leaves. Living tissue.
- Two cotyledons (leaves produced by embryo). Taproots. Veins branched.
- Embryo and food inside protective coat.