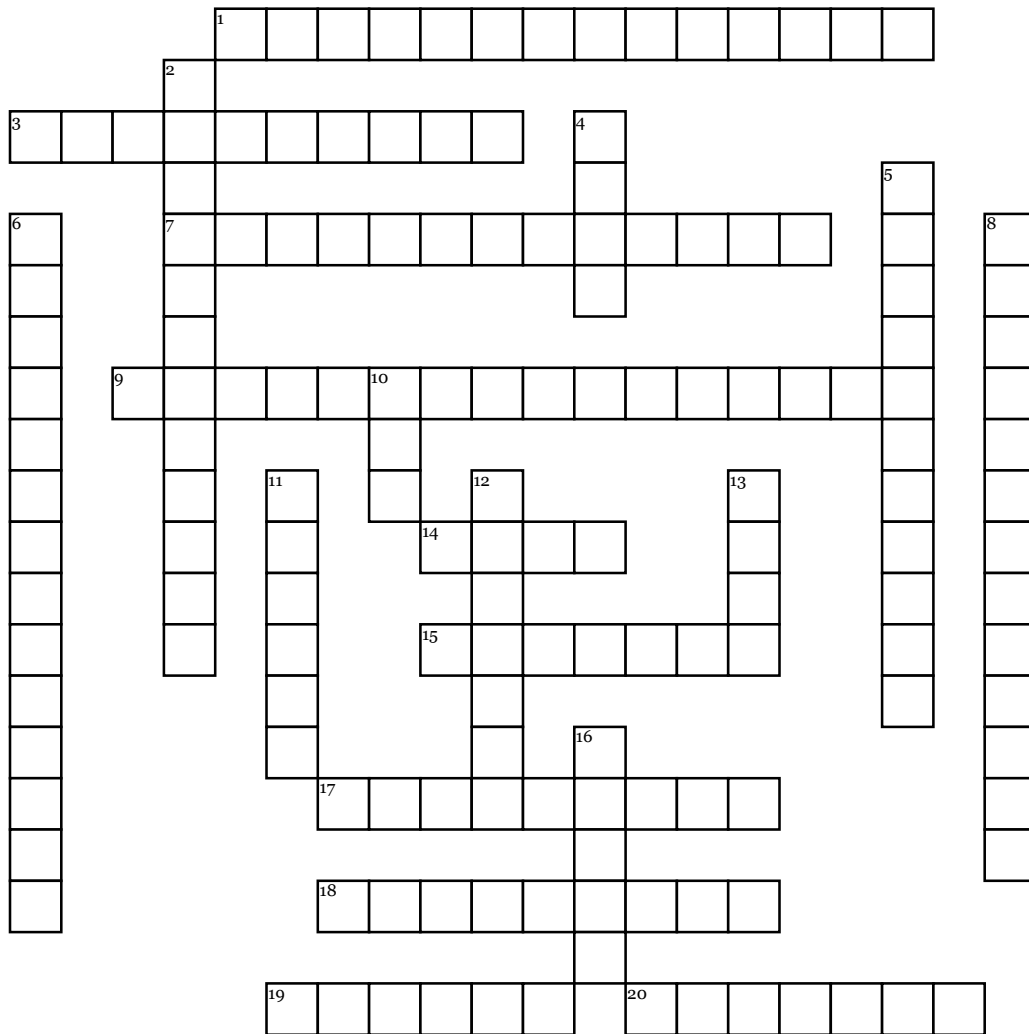


Seedless Plants Crossword Puzzle



Across

- 1. The process by which green plants and some other organisms use sunlight to synthesize foods from carbon dioxide and water
- 3. A plant (or the diploid phase in its life cycle) that produces spores by meiosis in order to produce gametophytes.
- 7. A colorless, odorless gas produced by burning carbon and organic compounds and by respiration. It is naturally present in air (about 0.03 percent) and is absorbed by plants in photosynthesis.
- 9. They are divided into three different types, including mosses, liverworts, and hornworts.
- 14. Small nonvascular spore-bearing land plants.
- 15. (Of a cell or nucleus) containing two complete sets of chromosomes, one from each parent.
- 17. A substance that provides nourishment essential for growth and the maintenance of life.

- 18. In ferns and lower plants) a receptacle in which asexual spores are formed.
- 19. A colorless, odorless reactive gas, the chemical element of atomic number 8 and the life-supporting component of the air.
- 20. (Of a cell or nucleus) having a single set of unpaired chromosomes.

Down

- 2. Any plant possessing vascular tissue (xylem and phloem), including ferns, conifers, and flowering plants.
- 4. The part of a plant which attaches it to the ground or to a support, typically underground, conveying water and nourishment to the rest of the plant via numerous branches and fibers.
- 5. A plant (or the haploid phase in its life cycle) that produces gametes by mitosis in order to produce a zygote

- 6. A complex conducting tissue, formed of more than one cell type, found in vascular plants.
- 8. (Of an organism or part) having or consisting of many cells.
- 10. The star around which the earth orbits.
- 11. Is responsible for transporting sugars, proteins, and other organic molecules in plants.
- 12. A tree that bears cones and needle-like or scale-like leaves that are typically evergreen.
- 13. The perceptible natural movement of the air, especially in the form of a current of air blowing from a particular direction.
- 16. Spread by rhizomes and reproduce by spores that they produce on their leafless stems.

Word Bank

- | | | | | |
|----------------|----------------|-----------------|--------------------|---------------|
| Moss | Carbon Dioxide | Phloem | Nutrients | Diploid |
| Sporophyte | Conifer | Ferns | Tracheophyte | Oxygen |
| Photosynthesis | Haploid | Wind | Sun | Gametophyte |
| Root | Sporangia | Vascular Tissue | Non-vascular Plant | Multicellular |