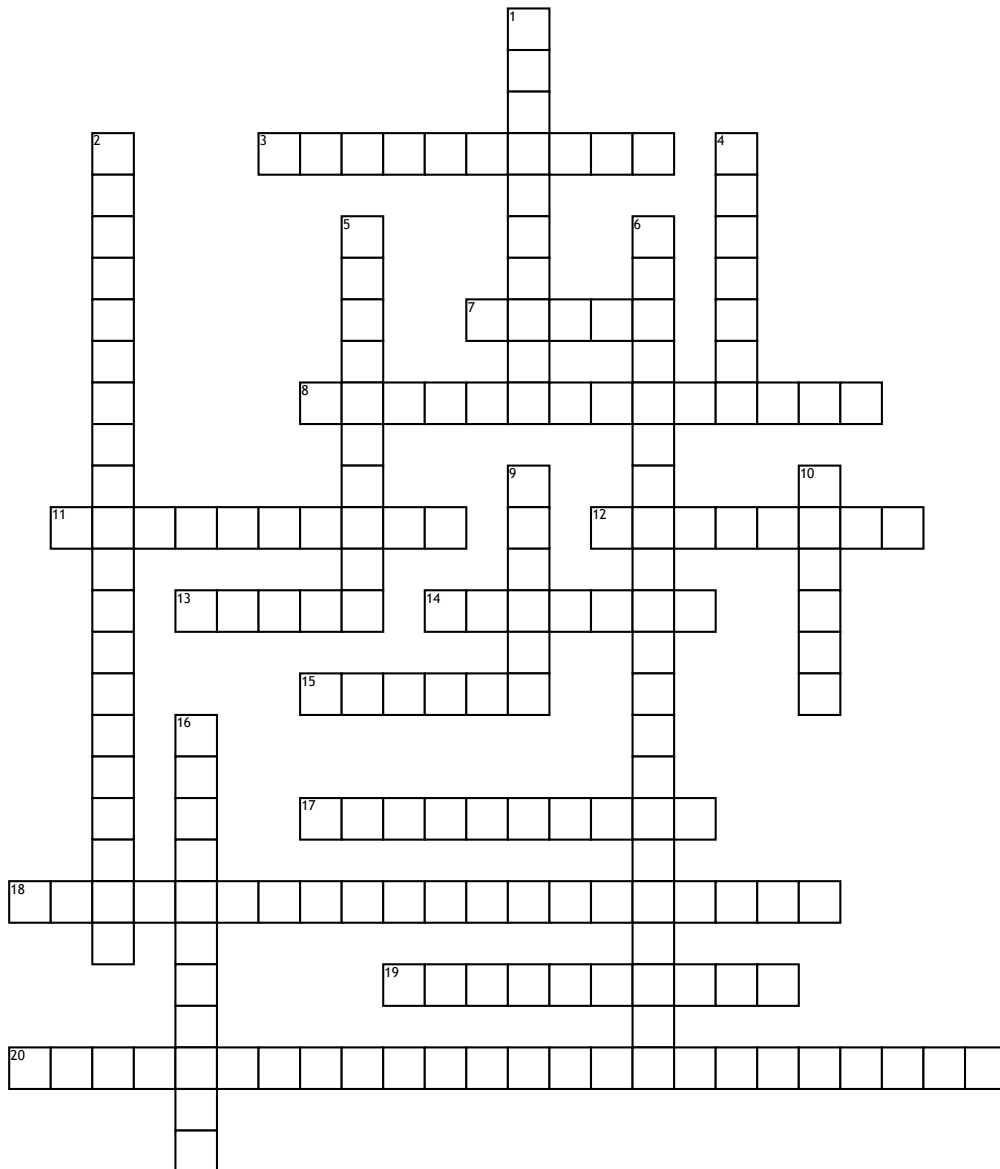


# Seedless Plants Crossword Puzzle



## Across

3. what are the structures that produce egg cells in a plant?  
 7. what is the structures that conduct water in vascular plants?  
 8. What do plants use in order to produce energy?  
 11. what leaves that probably evolved from branch systems; characteristic of all vascular plants other than whisk ferns & club mosses?  
 12. what are gametophyte of a liverwort, (flat & lobed)  
 13. what is the largest & most diverse group of seedless vascular plants?  
 14. what is the opening in the leaves that permit gas exchange for photosynthesis?

15. what are the structures that conduct dissolved sugars in vascular plants?  
 17. what give rise to female gametophytes that produce egg cells?  
 18. what is the trend for most plants, the dominant larger part of their life cycle?  
 19. what structures produce sperm cells in a plant?  
 20. what does it mean if plants spend part of their life cycle as a multicellular haploid gametophyte & part as a multicellular diploid gametophyte?

## Down

1. what is the Classification of non-vascular plants; examples: mosses, liverworts, hornworts

2. what is the trend for most plants, the dominant larger part of their life cycle?  
 4. what layer prevents water loss?  
 5. what fern gametophyte which develops from a haploid spore & bares both archegonia & antheridia?  
 6. what is the smaller, less dominant portion of a plant's life?  
 9. what are the structures that conduct dissolved sugars in vascular plants?  
 10. what has posses cuticle, stomata, & multicellular gametotangia; lack xylem & phloem?  
 16. what give rise to male gametophytes that produce sperm cells?