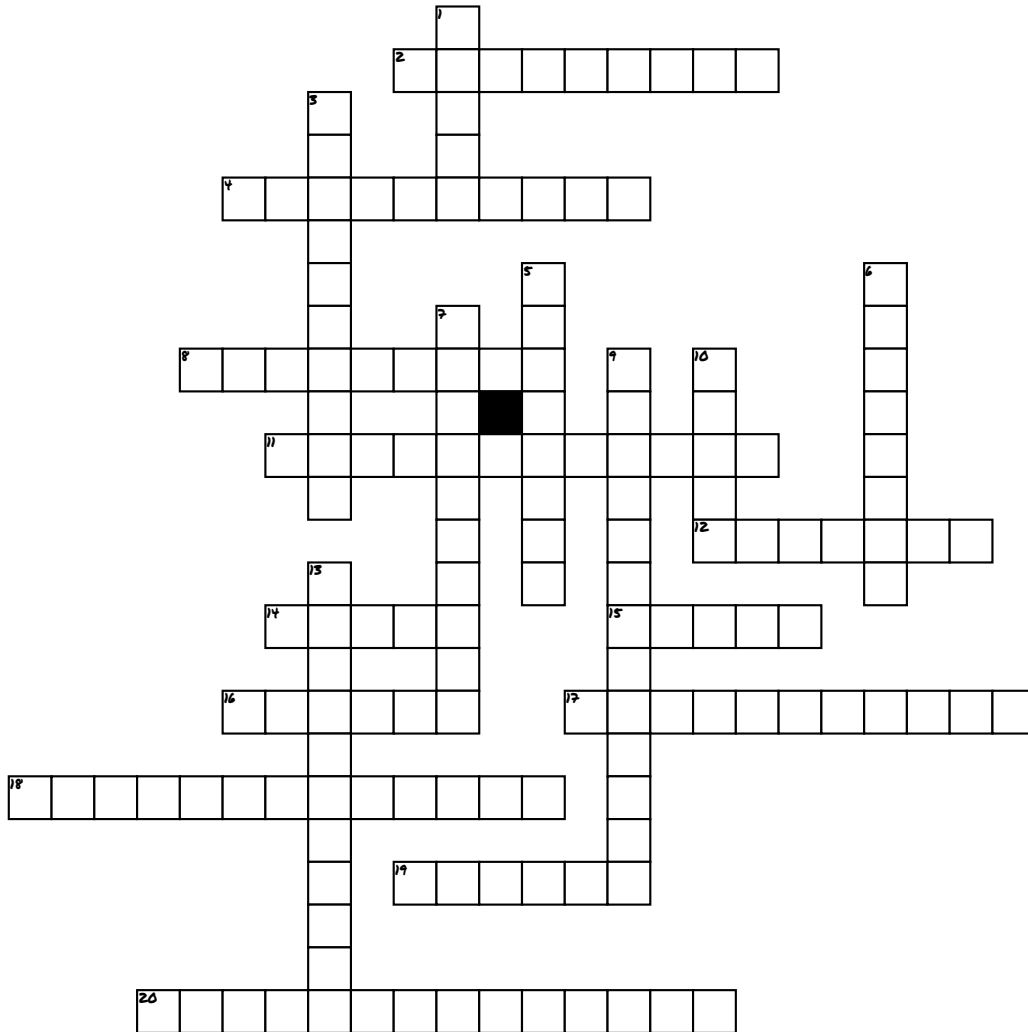


# SEEDLESS PLANTS



## ACROSS

2. LARGE HAPLOID SPORE FORMED BY SOME PLANTS THAT DEVELOP INTO A FEMALE GAMETOPHYTE
4. A SPORE FROM A HETEROSPOROUS PLANT SPECIES THAT DEVELOPS INTO A MALE GAMETOPHYTE
8. THE PROTECTIVE CAP OR HOOD COVERING THE SPORE CASE OF A MOSS OR RELATED PLANT
11. TYPE OF REPRODUCTION IN WHICH A SEEDLESS PLANT GOES THROUGH ASEXUAL
12. LONG, TWISTED, MOIST CELLS THAT SURROUND HAPLOID SPORES OF LIVERWORTS, WHEN THEY DRY OUT THEY TWIST AND JERK AROUND AND SCATTER THE SPORES THEY CONTAIN
14. TYPE OF ENVIRONMENT YOU FIND SEEDLESS PLANTS IN
15. A CLUSTER OF SPORANGIA USUALLY ON THE UNDERSIDE OF A FERN FROND

16. THE LEAF OR LEAFLIKE PART OF A PALM, FERN, OR SIMILAR PLANT
17. ANY SPECIES OF PLANT WHICH DOES NOT HAVE SPECIALIZED VASCULAR TISSUES
18. A MEMBER OF THE PTERIDOPHYTA, A DIVISION OF PLANTS INCLUDING THE FERNS
19. VASCULAR PLANTS THAT DO NOT REPRODUCE WITH SEEDS, BUT WITH SPORES SEEDLESS
20. A PLANT STRUCTURE IN WHICH MEGASPORES ARE FORMED, SUCH AS THOSE OF THE FEMALE CONES OF PINES

## DOWN

1. A FLOWERLESS PLANT WHICH HAS FEATHERY OR LEAFY FRONDS AND REPRODUCES BY SPORES RELEASED FROM THE UNDERSIDES OF THE FRONDS
3. ANY OF VARIOUS SEEDLESS VASCULAR PLANTS BELONGING TO THE PHYLUM LYCOPHYTA

5. RELATING TO THE PLANT TISSUES WHICH CONDUCT WATER, SAP, AND NUTRIENTS IN FLOWERING PLANTS, FERNS, AND THEIR RELATIVES

6. A CONTINUOUSLY GROWING HORIZONTAL UNDERGROUND STEM WHICH PUTS OUT LATERAL SHOOTS AND ADVENTITIOUS ROOTS AT INTERVALS

7. A GROUP OF PLANT SPECIES THAT REPRODUCE VIA SPORES RATHER THAN FLOWERS OR SEEDS

9. LARGE HAPLOID SPORE FORMED BY SOME PLANTS THAT DEVELOP INTO A FEMALE GAMETOPHYTE

10. A SINGLE-CELLED REPRODUCTIVE UNIT ON SEEDLESS PLANTS

13. REFERRING TO PLANTS IN WHICH A SINGLE TYPE OF SPORE DEVELOPS INTO A BISEXUAL GAMETOPHYTE HAVING BOTH MALE AND FEMALE SEX ORGANS

## WORD BANK

SORUS  
LYCOPHYTES  
PLANTS  
MEGASPORE  
REPRODUCTION

MOIST  
PTERIDOPHYTES  
FRONDS  
ELATERS  
BRYOPHYTES

MEGASPORANGIUM  
SPORE  
FERNS  
CALYPTRAS  
RHIZOMES

HETEROSPOROUS  
HOMOSPOROUS  
VASCULAR  
MICROSPORE  
NONVASCULAR