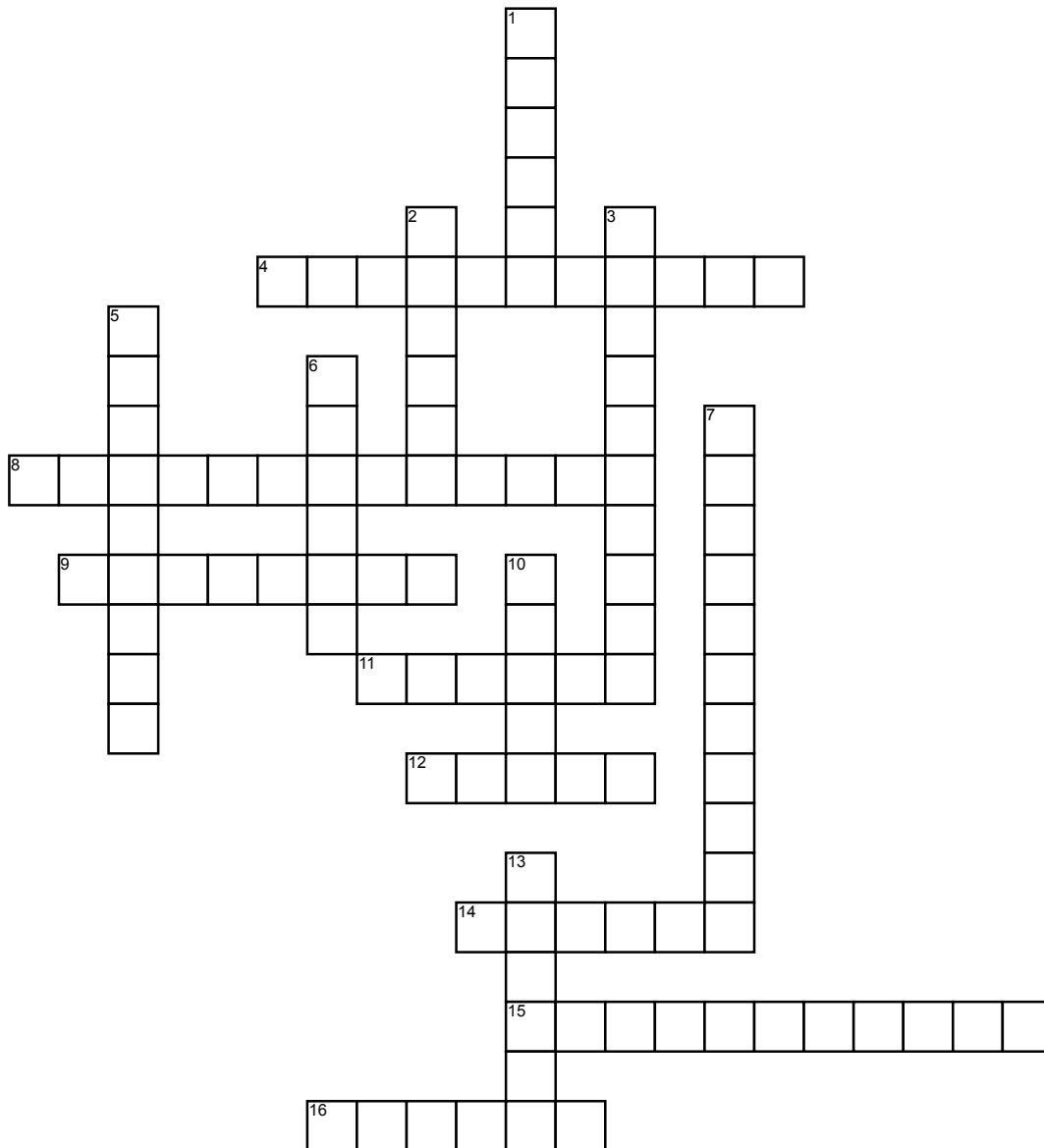


Plant Classification and Anatomy



Across

4. a plant that has flowers and produces seeds enclosed within a carpel

8. a flowering plant with an embryo that bears a single cotyledon

9. a slender threadlike object or fiber, especially one found in animal or plant structures

11. each of the segments of the corolla of a flower, which are modified leaves and are typically colored

12. a narrow, typically elongated extension of the ovary, bearing the stigma

14. the male fertilizing organ of a flower, typically consisting of a pollen-containing anther and a filament

15. a plant that has seeds unprotected by an ovary or fruit

16. living for a year or less, perpetuating itself by seed

Down

1. each of the parts of the calyx of a flower, enclosing the petals and typically green and leaflike

2. the female organs of a flower, comprising the stigma, style, and ovary

3. living for several years

5. a plant that takes two years to grow from seed to fruition and die

6. the part of a stamen that contains the pollen

7. a flowering plant with an embryo that bears two cotyledons

10. the hollow base of the carpel of a flower, containing one or more ovules

13. the part of a pistil that receives the pollen during pollination