### **Read the article and complete each question with complete sentences**

Be sure to type your name and answers in bold print

1. Name three plants that can move quickly and describe those fast motions.

2. What is soft matter physics?

3. What is snap-buckling?

4. How does a bunchberry dogwood send out pollen from its stamens?

5. What advantage does a *Sphagnum affine* peat moss plant get from sending out its spores in an explosion?

6. How does a plant use water to help it move? Is this motion fast or slow?

7. Where does the heat used by mistletoe for seed dispersal come from?

8. How fast can the seeds of the hairyflower wild petunia spin?

9. What are two ways that being speedy can give some species of plants advantages over others?

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1. At the end of the story, Karl Niklas says that he suspects “plants will be around a lot longer than we will.” What does he mean by that? And why might that be true or not? Use evidence from the story to explain your answer.

2. Some plants are speedy, but many are not. If being speedy gives a plant certain advantages, why aren’t all plants speedy?