

SC.912.L.14.7 – Plant Structure – Example 7 Answer

Which structure in the leaf controls the opening and closing of the stoma?

- A. cuticle**
- B. epidermis**
- C. guard cell**
- D. spongy mesophyll**

Answer

C. Guard cells

Guard cells surround stomata and control their opening and closing. The stomata are the site of gas exchange in leaves, a process called transpiration.