

4 The scientist Carl Woese proposed the three-domain system of classification.

The photograph shows *Haemanthus albiflos*, a flowering plant native to South Africa.



(Source: © COULANGES/Shutterstock)

(a) (i) Which of the following is the domain for this plant?

(1)

- A Archaea
- B Bacteria
- C Eukarya
- D Prokaryota

(ii) Describe the evidence that Carl Woese used to support his system of classification.

(2)

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