# Control of processes in plants

### **Question Paper**

Level	Pre U
Subject	Biology
Exam Board	Cambridge International Examinations
Topic	The Life of Plants
Sub Topic	Control of processes in plants
Booklet	Question Paper

Time Allowed: 12 minutes

Score: /10

Percentage: /100

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#### Part - B

In an investigation into pollen release from Timothy grass, *Phleum pratense*, the number of pollen grains released into the atmosphere was sampled at hourly intervals, on three consecutive days. Traps sited just above the level of the leaves were used to do this.

The wind speed and the relative humidity were recorded at the times of sampling.

The results of the investigation are shown in Fig. 2.1.

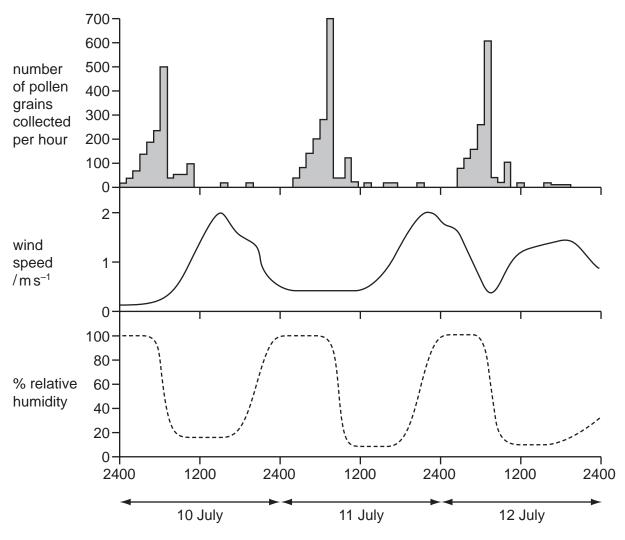


Fig. 2.1

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(a)	Describe the results shown in Fig. 2.1.	
		[6]
(b)	One researcher concluded that high humidity and low wind speed were important factors the release of pollen from Timothy grass.	for
	Discuss why this conclusion may not be valid.	
		[4]
		[+]

[Total: 10]