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Level: SL IB in Biology

Subject: Biology

Topic: IB SL Biology

Type: Topic Question

2002

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All International Baccalaureate IB Topic Questions SL Biology

BIOLOGY

SL - IB

Key skills

Question 1.

The pH content of a water body in Australia was measured over a 10 year period. Scientists are concerned about the general downward trend of the data, which shows less alkali conditions than is characteristic.

Which of the statements suggests why the scientists may have cause for concern?

- I. Decreased rates of photosynthesis may occur at low pH
- II. Decreasing pH increases calcium carbonate solubility
- III. Some species of algae thrive in extreme pH levels

- A. I and II only
- B. II and III only
- C. None of the above
- D. II only

[1 mark]