



Oxford City Schools

Proficiency Scale

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GRADE LEVEL: 12 COURSE NAME: Environmental Science
MEASUREMENT TOPIC: Analyze Biodiversity in Alabama

4

In addition to Score 3, the student makes in-depth inferences and applications.

3

The student can:

- **Construct an explanation of how biotic and abiotic factors affect biodiversity and populations in ecosystems.**
- **Analyze and interpret data collected through geographic research and field investigations to describe Alabama’s biodiversity by region.**

2

The student can:

- **Collect data by region that represents Alabama’s biodiversity.**
- **Identify keystone, invasive, native, endemic, and indicator species and their role in their ecosystem**
- **Explain what a population is in terms of an ecosystem.**
- **Identify biotic and abiotic factors found in an ecosystem.**

1

With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.

Key Vocabulary: