

22

On an ice-covered island in the Arctic, scientists discovered fossils of deciduous trees, such as oak, birch, sycamore, and walnut. Scientists determined that these fossils were formed about 50 million years ago.

- a. Describe **two** steps in the process that formed these fossils (after the trees had died).
- b. Describe what these fossils indicate about the island's past climate **and** explain how they indicate this.