

Erratum

There is an error in Figure 1.3 on page 2 of *Earth Science Puzzles: Making Meaning From Data*. The symbol for “unsorted pebbles and clay” appears outside its boundaries in both the key and the sediment column. See the reverse side of this page for a copy of page 2 with a correct version of Figure 1.3.

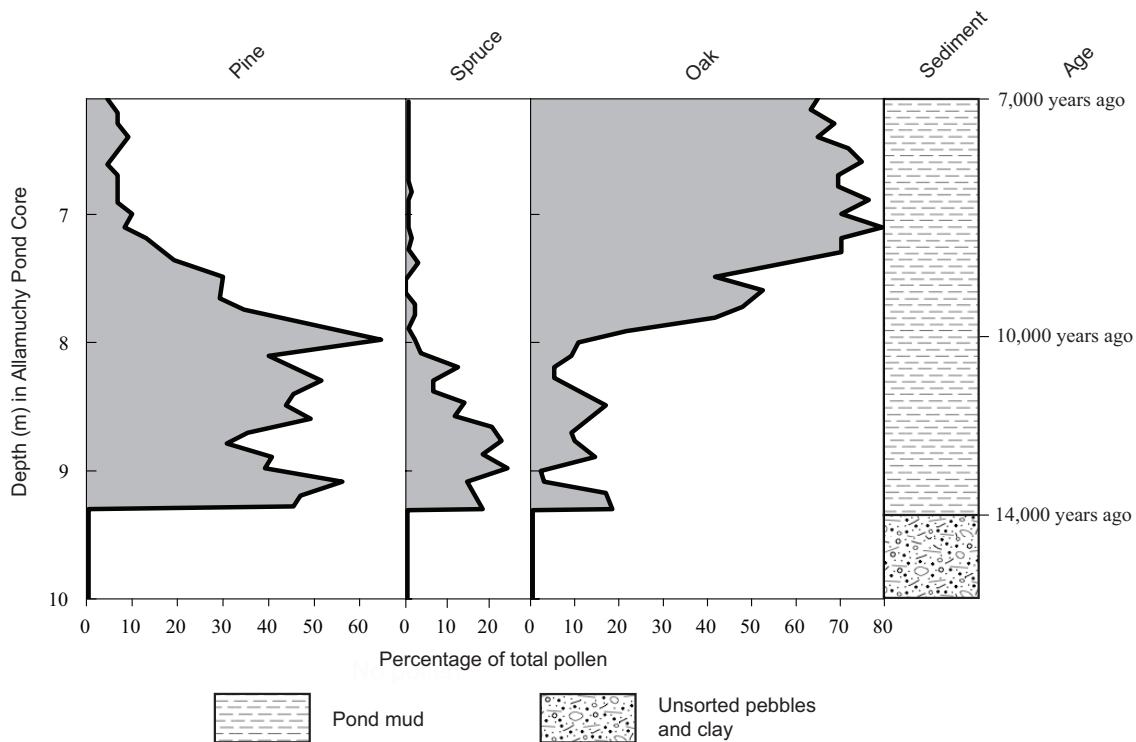
Student Pages

Directions: Follow steps 1 through 9. Use additional sheets of paper as needed and answer in complete sentences.

- 1a. Draw two horizontal lines across the graph in Figure 1.3: one at 14,000 years ago and one at 10,000 years ago. Each line should go all the way from the right-hand axis (Age) to the left-hand axis (Depth).

Figure 1.3

Pollen Data From Allamuchy Pond (to be completed by student)



Source: Created by David McGee using data from Peteet, D. M. et al. 1993. Late-Glacial pollen, macrofossils and fish remains in northeastern U.S.A.: The Younger Dryas oscillation. *Quaternary Science Reviews* 12: 597–612. http://pubs.giss.nasa.gov/docs/1993/1993_Peteet_etal.pdf

- 1b. Label the oldest sediment and the youngest sediment on the graph.
- 2a. According to the data, what types of trees were present in the region between 14,000 and 10,000 years ago?
- 2b. Now look at the data from a more recent interval of time. According to the data, what types of trees were present in the region between 10,000 and 7,000 years ago?