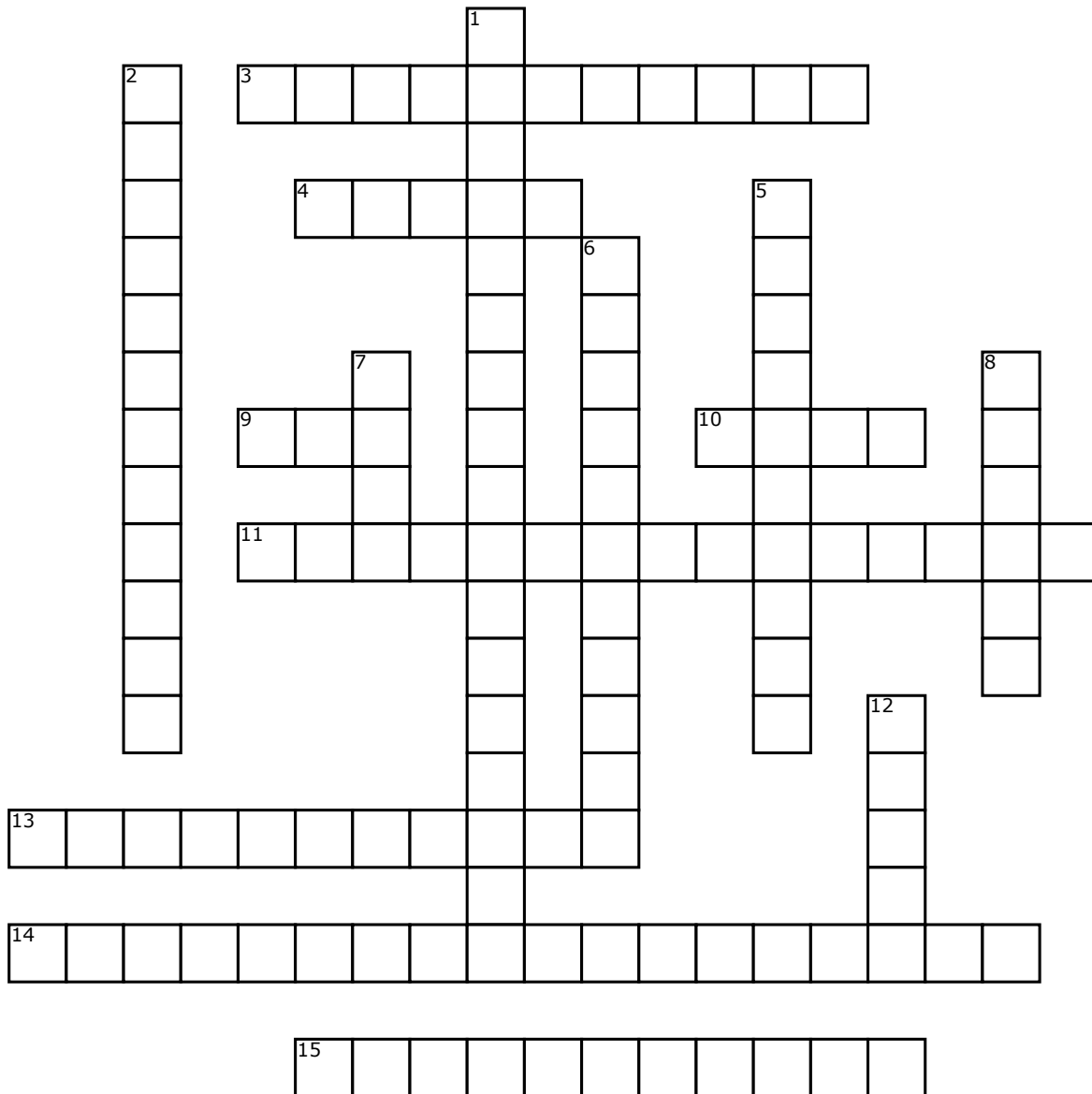


Ch. 4, A Trip Through Geologic Time



Across

- 3.** A type of fossil that provides evidence of the activities of ancient organisms
- 4.** A break in Earth's crust along which rocks move
- 9.** One of the three long units of geologic time between the Precambrian and the present
- 10.** A type of fossil that is a hollow area in sediment in the shape of an organism or part of an organism.
- 11.** A fossil in which minerals replace all or part of an organism

- 13.** The age of a rock and given as the number of years since the rock formed.
- 14.** The geologic principle that states that in horizontal layers of sedimentary rock, each layer is older than the layer above it and younger than the layer below it
- 15.** Fossils of widely distributed organisms that lived during a geologically short period.

Down

- 1.** A record of the geologic events and life forms in Earth's history.

- 2.** A gap in the geologic record that shows where rock layers have been lost due to erosion.
- 5.** A type of fossil consisting of an extremely thin coating of carbon on rock.
- 6.** The age of a rock compared to the ages of other rocks.
- 7.** A fossil that is a solid copy of an organism's shape, formed when minerals seep into a mold.
- 8.** One of the units of geologic time into which geologists divide eras.
- 12.** Preserved remains or traces of an organism that lived in the past