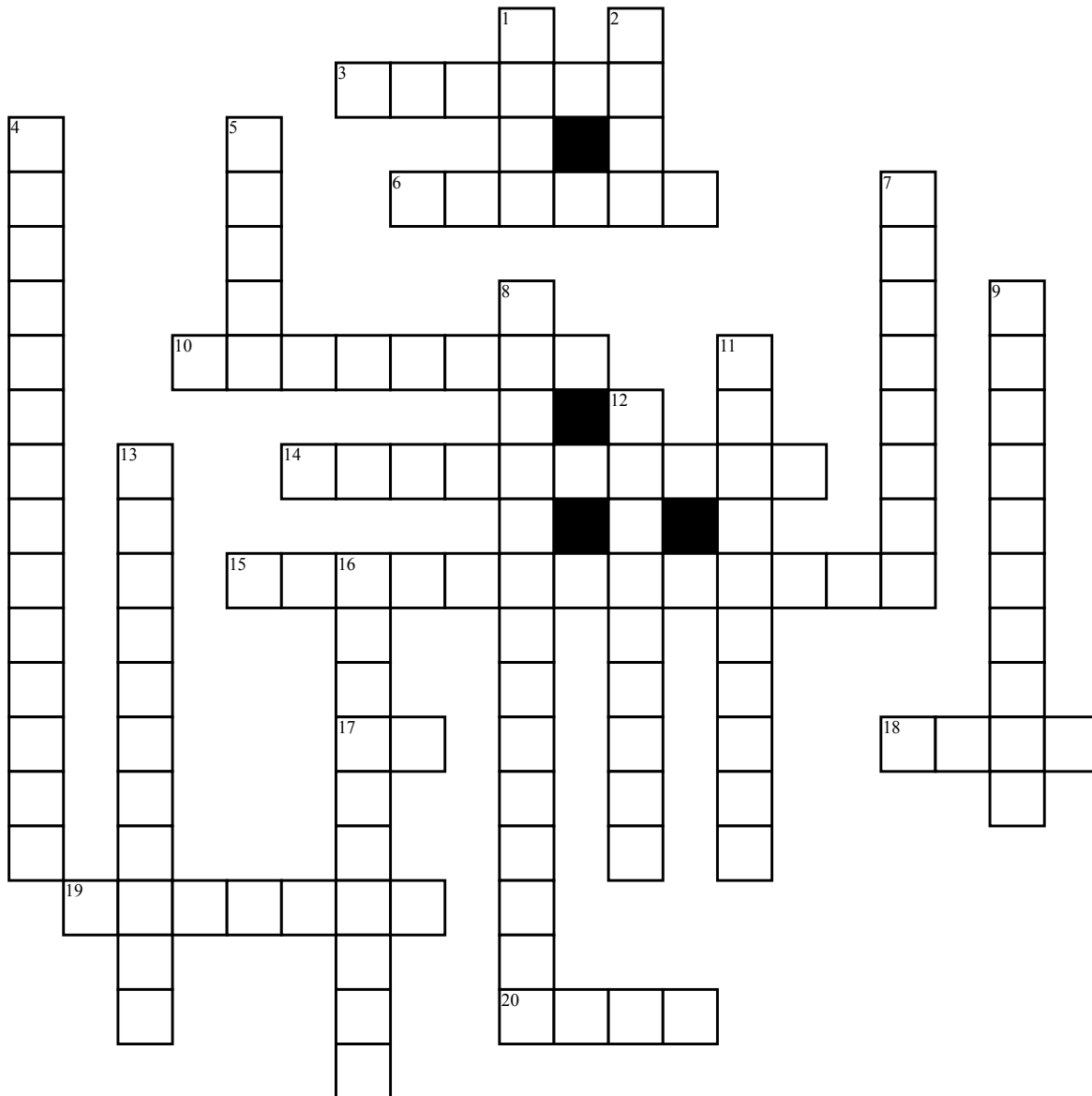


Volcanoes



Across

- 3.** volcanoes that have erupted with recorded history
6. any substance emitted by an active volcano
10. "ropy" lava
14. particles or blocks of solid volcanic ejecta
15. form when lava is thrown high into the air in a liquid state and hardens into rock before it hits the ground
17. "blocky" lava
18. molten rock that flows from volcanoes

- 19.** an opening in the earth's surface through which hot gases, ash, molten rock are ejected
20. horizontal, sheetlike mass of igneous rock

Down

- 1.** vertical sheetlike mass of igneous rock
2. through which the gases, ash, and rock are ejected
4. people who study volcanoes
5. molten rock
7. huge bowl-shaped craters
8. solid, irregularly shaped lumps of harden lava often large

- 9.** lava that solidifies in a shape as a pillow
11. just like an laccolith, but larger
12. bulged overlying rocks upward to produce a domelike intrusion
13. study of volcanoes
16. surface of a large lava flow hardens, but the lava beneath remains molten and continues to flow