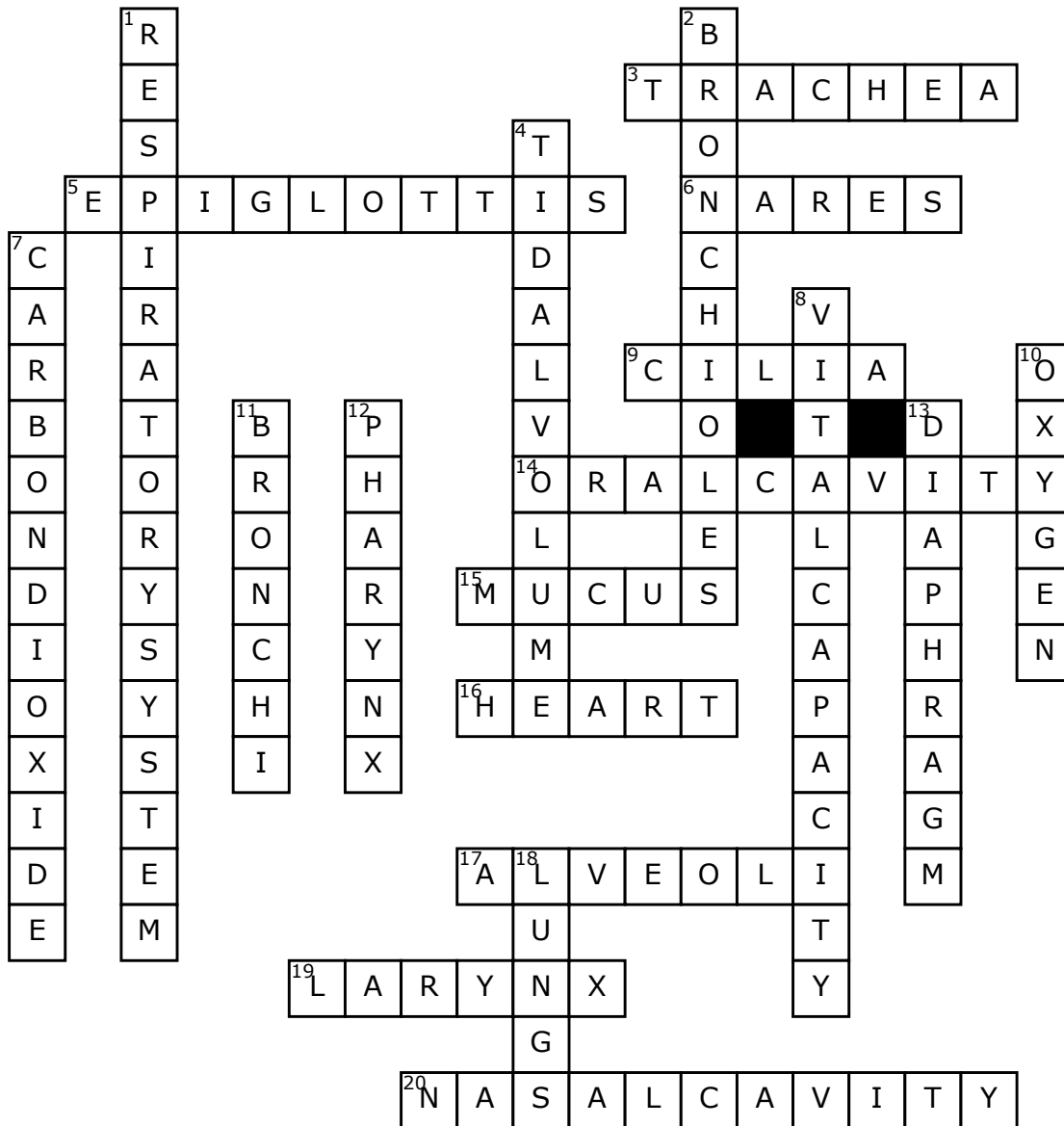


The Respiratory System



Across

- 3.** windpipe
5. a flap of elastic cartilage that acts as a switch between the trachea and the esophagus
6. opening through the nose carrying air into the nasal cavities
9. tiny hairs that line the bronchial tubes
14. the mouth
15. a sticky fluid; collects dust, germs and other matter that has invaded the lungs
16. a muscular organ about the size of a closed fist that functions as the body's circulatory pump

17. grape-like cluster of sacs where oxygen is absorbed

19. where vocal cords are

20. lined with a mucous membrane; has little hairs that help filter the air you breathe in, blocking dirt and dust from getting into your lungs

Down

1. a series of organs responsible for taking in oxygen and expelling carbon dioxide

2. small branching tubes

4. the amount of air which enters the lungs during normal inhalation at rest

7. a waste product that can be lethal if allowed to accumulate

8. the most air you can exhale after taking the deepest breath you can

10. a gas that your body needs to survive

11. where the trachea forks into each lung

12. food and air both pass through

13. muscle moves air in and out the lungs

18. internal sacs lined with epithelium; transports gases