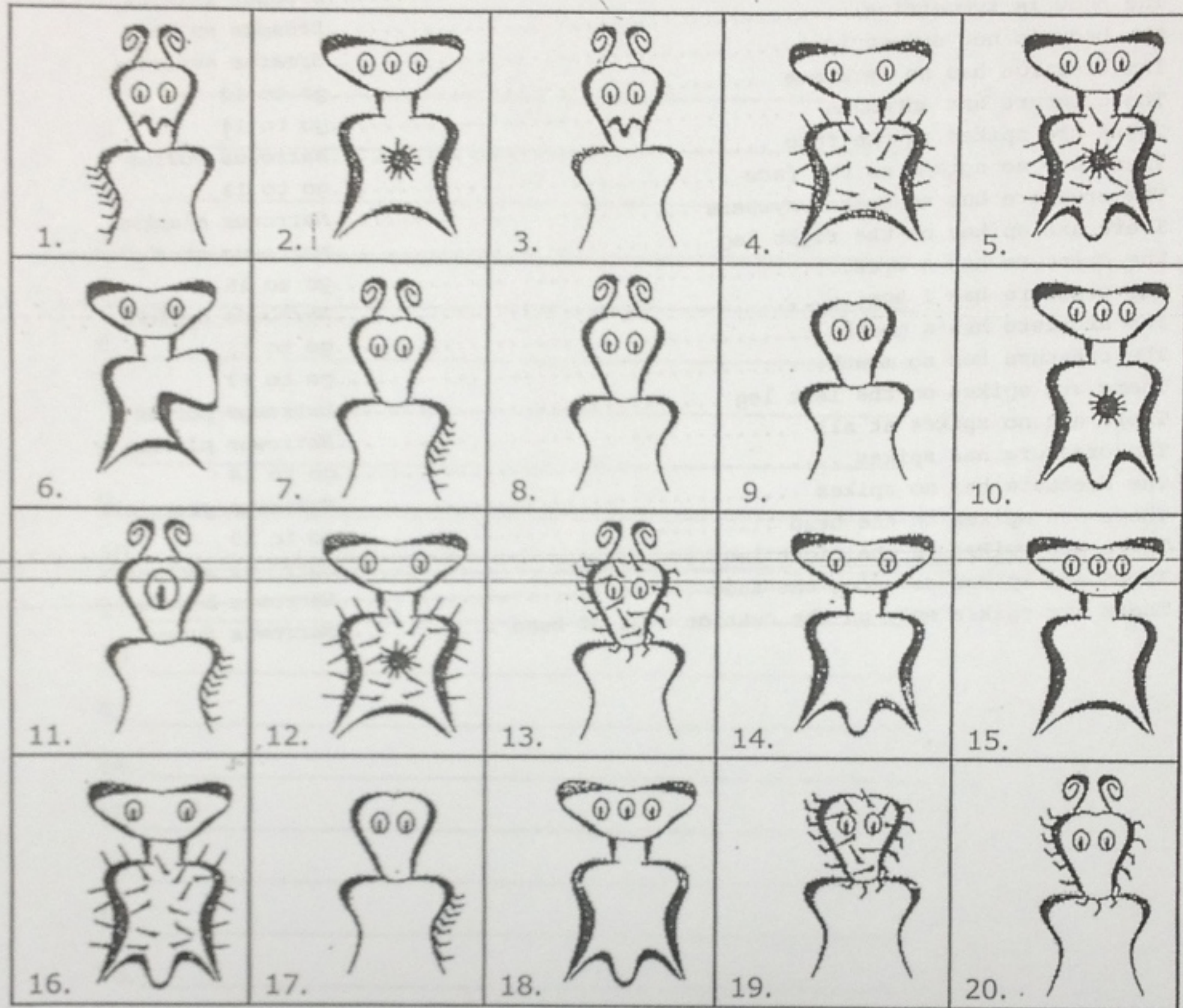


# Taxonomy, Classification, and Dichotomous Keys

Help! Scientists have discovered quite a few new creatures on planet Pamishan. They need your help to identify and classify them. Use the dichotomous key on the next page to identify these creatures.



## A Key to New Pamishan Creatures

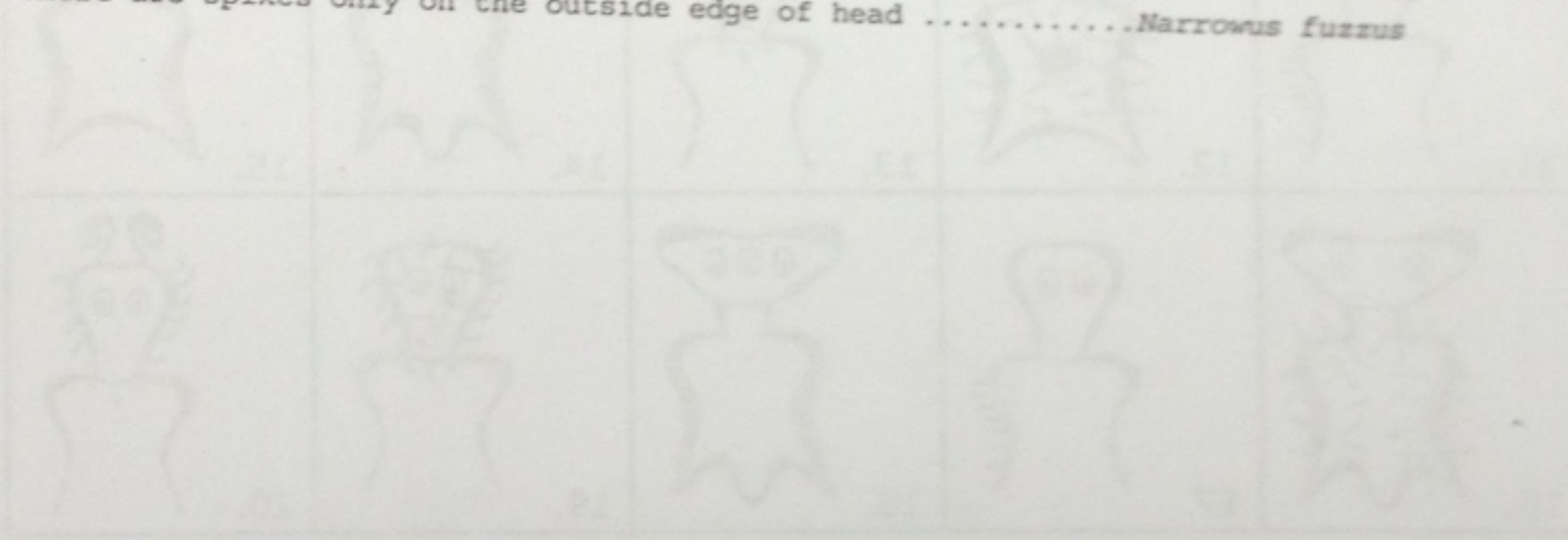
1. a. The creature has a large wide head.....go to 2  
b. The creature has a small narrow head.....go to 11
2. a. It has 3 eyes .....go to 3  
b. It has 2 eyes .....go to 7
3. a. There is a star in the middle of its chest.....go to 4  
b. There is no star in the middle of its chest .....go to 6
4. a. The creature has hair spikes .....*Broadus hairus*  
b. The creature has no hair spikes.....go to 5
5. a. The bottom of the creature is arch-shaped .....*Broadus archus*  
b. The bottom of the creature is M-shaped .....*Broadus emmus*
6. a. The creature has an arch-shaped bottom .....*Broadus plainus*  
b. The creature has an M-shaped bottom.....*Broadus tritops*

\*Please do not write on this paper\*

- 7. a. The creature has hairy spikes .....go to 8
- b. The creature has no spikes.....go to 10
- 8. a. There is a star in the middle of its body .....Broadus hairystarus
- b. There is no star in the middle of its body .....go to 9
- 9. a. The creature has an arch shaped bottom .....Broadus hairyemus
- b. The creature has an M shaped bottom .....Broadus kiferus
- 10. a. The body is symmetrical .....Broadus walter
- b. The body is not symmetrical.....Broadus anderson
- 11. a. The creature has no antennae .....go to 12
- b. The creature has antennae .....go to 14
- 12. a. There are spikes on the face .....Narrowus wolfus
- b. There are no spikes on the face .....go to 13
- 13. a. The creature has no spike anywhere .....Narrowus blankus
- b. There are spikes on the right leg .....Narrowus starboardus
- 14. a. The creature has 2 eyes.....go to 15
- b. The creature has 1 eye.....Narrowus cyclops
- 15. a. The creature has a mouth.....go to 16
- b. The creature has no mouth.....go to 17
- 16. a. There are spikes on the left leg .....Narrowus portus
- b. There are no spikes at all .....Narrowus plainus
- 17. a. The creature has spikes .....go to 18
- b. The creature has no spikes .....Narrowus georgia
- 18. a. There are spikes on the head .....go to 19
- b. There are spikes on the right leg.....Narrowus montanian

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- 19. a. ~~There are spikes covering the face.....Narrowus beardus~~
- b. There are spikes only on the outside edge of head .....Narrowus fuzzus



A KEY TO NEW FANTASY CREATURES

The creature has a large body and a small head. It has a long neck and a small body. It has a long neck and a small body. It has a long neck and a small body. It has a long neck and a small body. It has a long neck and a small body.

Name: \_\_\_\_\_

Directions: After identifying the Alien using the dichotomous key, in the space provided below, write the scientific name.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

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11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_
15. \_\_\_\_\_
16. \_\_\_\_\_
17. \_\_\_\_\_
18. \_\_\_\_\_
19. \_\_\_\_\_
20. \_\_\_\_\_