Using a Dichotomous Key Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**

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| --- | --- |
| 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*  |
| 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. The is no star in the middle of its body ...............go to 9 |
| 9. | a. The creature has an arch shaped bottom .................*Broadus hairyemmus*  |
|  | b. The creature has an M shaped bottum ....................*Broadus kiferus*  |
| 10. | a. The body is symmetrical ................................*Broadus walter*  |
|  | b. The body is not symmetrical.............................*Broadus anderson*  |
| 11. | a. The creatrue 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 georginia* |
| 18. | a. There are spikes on the head ...........................go to 19 |
|  | b. There are spikes on the right leg.......................*Narrowus montanian* |
| 19. | a. There are spikes covering the face .....................*Narrowus beardus*  |
|  | b. There are spikes only on the outside edge of head ......*Narrowus fuzzus* |