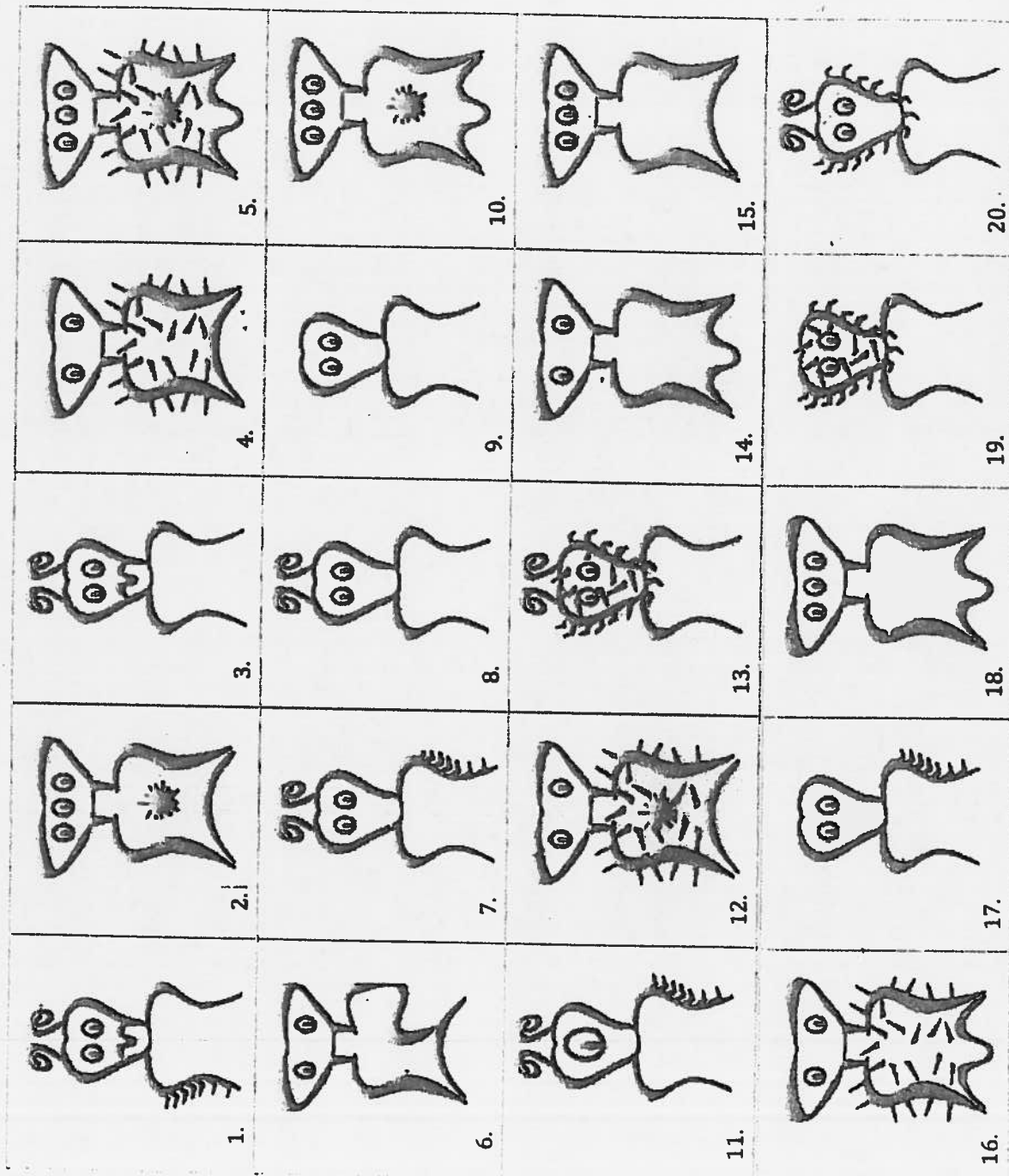# Taxonomy, Classification, and Dichotomous Keys

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

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*