

Names: \_\_\_\_\_ Date: \_\_\_\_\_

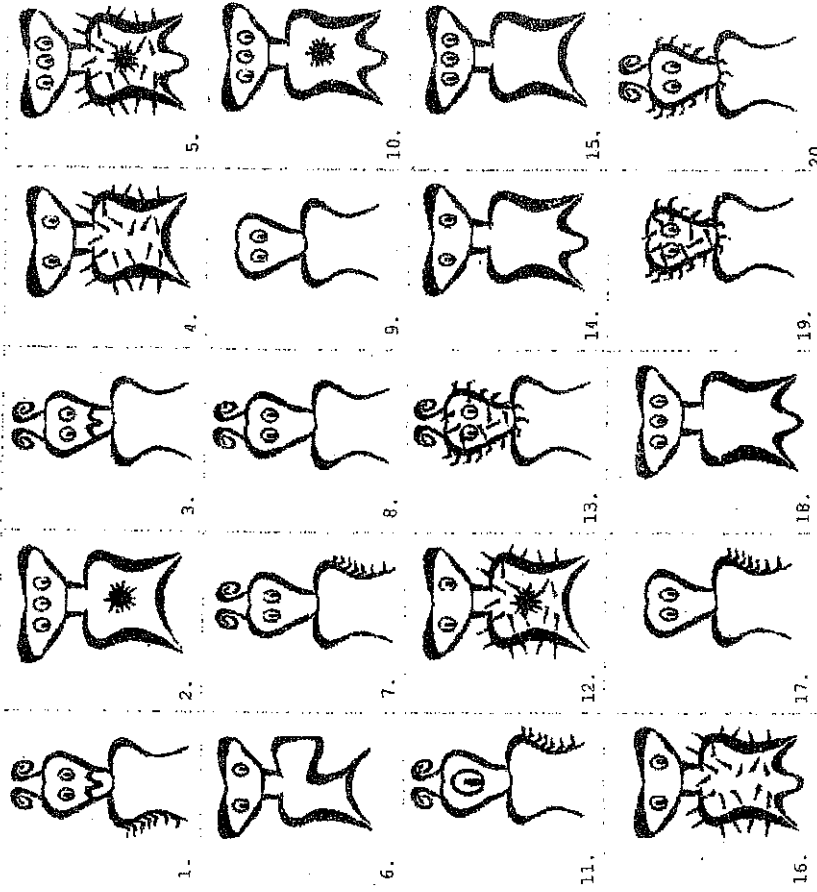
### A Key to New Pamishan Creatures

- 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
- 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 hairyemmus
- 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 on 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 no spikes on the right leg.....Narrowus montanian
- 19. a. There are spikes covering the face.....Narrowus beardus
- b. There are no spikes on the outside edge of head.....Narrowus fuzzy

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### 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.



- 1. Describe the benefit of classifying species
- 2. What is taxonomy and why do taxonomists study biological relationships?