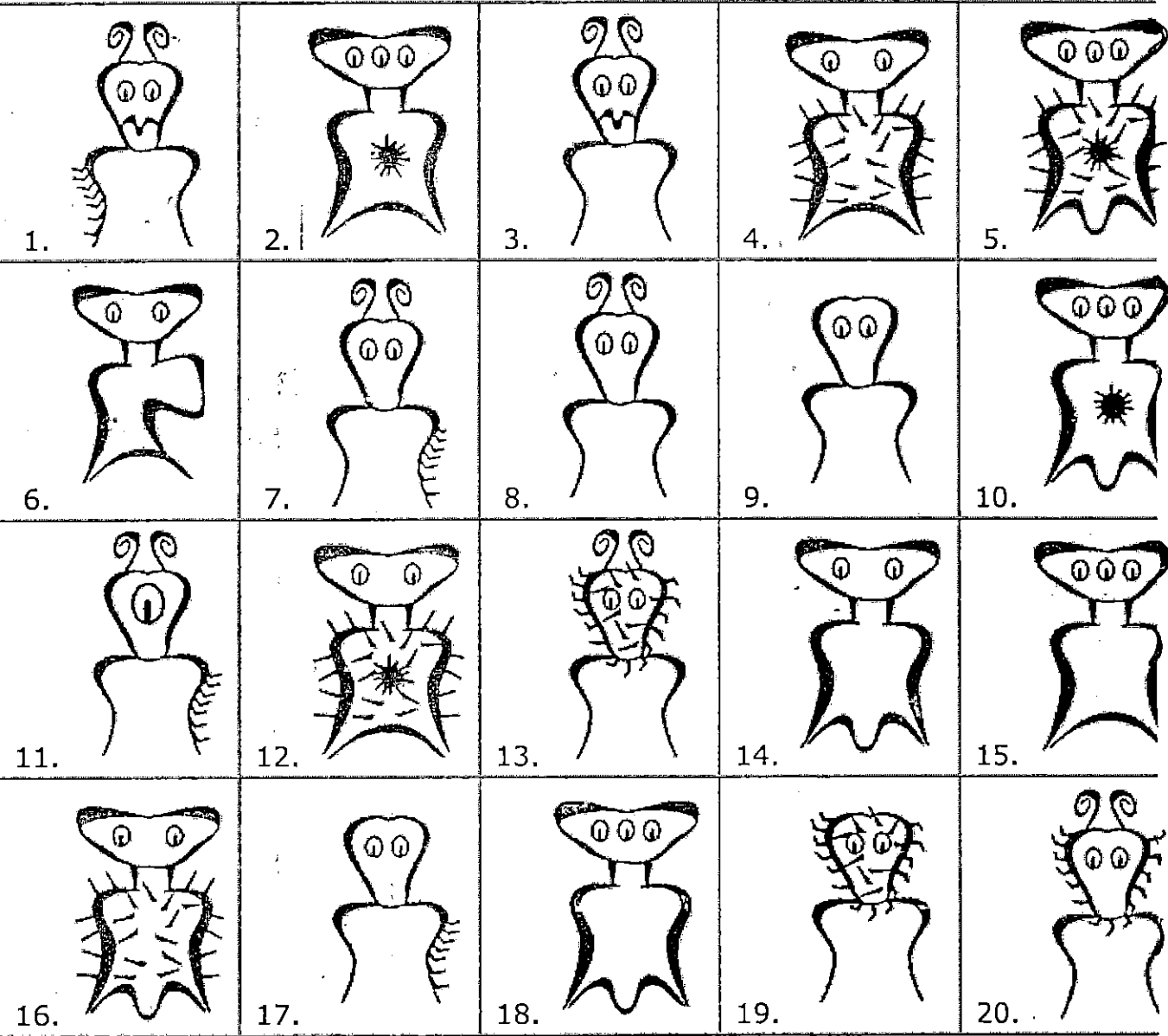


Taxonomy, Classification, and Dichotomous Keys

Help! Scientists have discovered quite a few new crewatures 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 eyesgo to 3
b. It has 2 eyesgo 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 chestgo to 6
4. a. The creature has hair spikesBroadus hairus
b. The creature has no hair spikes.....go to 5
5. a. The bottom of the creature is arch-shapedBroadus archus
b. The bottom of the creature is M-shapedBroadus emmus
6. a. The creature has an arch-shaped bottomBroadus plainus
b. The creature has an M-shaped bottom.....Broadus tritops
7. a. The creature has hairy spikesgo to 8
b. The creature has no spikes.....go to 10
8. a. There is a star in the middle of its bodyBroadus hairystay
b. There is no star in the middle of its bodygo to 9
9. a. The creature has an arch shaped bottomBroadus hairyemma
b. The creature has an M shaped bottomBroadus kiferus
10. a. The body is symmetricalBroadus walter
b. The body is not symmetrical.....Broadus anderson
11. a. The creature has no antennaego to 12
b. The creature has antennaego to 14
12. a. There are spikes on the faceNarrowus wolfus
b. There are no spikes on the facego to 13
13. a. The creature has no spike anywhereNarrowus blankus
b. There are spikes on the right legNarrowus starboa
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 legNarrowus portus
b. There are no spikes at allNarrowus plainus
17. a. The creature has spikesgo to 18
b. The creature has no spikesNarrowus georgin
18. a. There are spikes on the headgo to 19
b. There are spikes on the right leg.....Narrowus montana
19. a. There are spikes covering the faceNarrowus beardus
b. There are spikes only on the outside edge of headNarrowus fuzzus