Dichotomous Key Worksheet

 **Name**

|  |  |  |  |
| --- | --- | --- | --- |
| **Common Name** | **Scientific Name** | **Common Name** | **Scientific Name** |
| 1. dog |  | 8. canary |  |
| 2. shark |  | 9. oyster |  |
| 3. rose |  | 10. mosquito |  |
| 4. skunk |  | 11. mushroom |  |
| 5. turkey |  | 12. cow |  |
| 6. dolphin |  | 13. pine tree |  |
| 7. eagle |  | 14. ivy |  |

**A. Find and match the scientific names of the organisms’ common names using the following key:**

|  |  |
| --- | --- |
| 1. animal not an animal | go to 2go to 11 |
| 2. has wings no wings | go to 3go to 6 |
| 3. has feathers no feathers | go to 4Ochloerotatus taeniorhynchus |
| 4. flies high does not fly high | go to 5Meleagris gallopavo |
| 5. often yellow not yellow | *Serinus canaria**Haliaeetus leucocephalus* |
| 6. lives in water lives on land | go to 9go to 7 |
| 7. has fluffy fur no fluffy fur | go to 8*Bos taurus*  |
| 8. common pet not a common pet | Canis familiaris*Mephitis mephitis*  |
| 9. has fins no fins | go to 10*Haematopus ostralegus*  |
| 10. razor sharp teeth pegged, pointy teeth | Carcharodon carcharias*Tursiops truncates*  |
| 11. green not green | go to 12go to 13 |
| 12. grows tall does not grow tall | Pinus ponderosa*Rhus toxicodendron*  |
| 13. can be poisonous not poisonous | Boletus edulisRosa sylvestris |

**B. Answer the following questions using the scientific names:**

1. Which organisms would you like to sing with?
2. Which organisms would you like to eat?
3. Which organisms would you like to play with?
4. Which organisms would you stay away from?
5. Which organisms have a pleasant odor?
6. Which organisms have an unpleasant odor?
7. Which organisms do you see during the holidays?
8. Which organisms possess valuable fashion items?
9. Which organisms are you likely to see on a farm?
10. Which organisms are you likely to see at Sea World?
11. Which organisms are likely to inflict pain on you?