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 2  go to 11 |
| 2. has wings  no wings | go to 3  go to 6 |
| 3. has feathers  no feathers | go to 4 Ochloerotatus taeniorhynchus |
| 4. flies high  does not fly high | go to 5 Meleagris gallopavo |
| 5. often yellow  not yellow | *Serinus canaria*  *Haliaeetus leucocephalus* |
| 6. lives in water  lives on land | go to 9  go 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 12 go 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?