Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_

**Dichotomous Key Practice**

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

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

 **Use this Dichotomous Key for Part A:**

|  |  |
| --- | --- |
| 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 from the animals listed in Part A:**

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 (i.e. jewelery)? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
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 make you itchy? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**C. Use the Candy Dichotomous Key to identify the "scientific names" of the 3 pieces of candy:**

|  |  |
| --- | --- |
| Common Name | Scientific Name |
| 1. Tootsie Roll |  |
| 2. Dum Dums |  |
| 3. Jolly Ranchers |  |

 

**D. Use the Dichotomous Key to identify these leaves. List the common name on the line provided under each leaf**.