**Key to Photo Sort Activity**

|  |  |  |  |
| --- | --- | --- | --- |
| **Photo**  | **Major Group** | **Identification** | **Clues** |
| 1 | Angiosperms | Water lily | Flowers |
| 2 | Angiosperms | Columbine | Flowers |
| 3 | Angiosperms | Wheat | Fruits (grains) |
| 4 | Angiosperms | Orange | Fruit |
| 5 | Ferns and Allies | Fern frond | Fronds are compound, growing in wet shaded environment  |
| 6 | Bryophytes | Moss | Tiny leaves and mounding habit |
| 7 | Ferns and Allies | Fern fronds | Fern fronds are twice compound (bipinnate) |
| 8 | Angiosperms | English bluebells | Flowers |
| 9 | Angiosperms | Clover | Flowers |
| 10 | Angiosperms | Squash | Flower with developing fruit |
| 11 | Gymnosperms | Juniper | Fleshy blue cones and needle-like leaves |
| 12 | Gymnosperms | Ginkgo | Fan shaped leaves, seeds with fleshy coat |
| 13 | Non-Plants | Fungi | Mushroom caps with spores |
| 14 | Bryophytes | Moss | Tiny leaves and mounding habit |
| 15 | Non-Plants | Fungi | Mushroom caps with spores |
| 16 | Non-Plants | Kelp | Aquatic, large floating alga |
| 17 | Gymnosperms | Fir  | Pine needles |
| 18 | Bryophytes | Liverwort | Flat habit with dichotomous branching stems |
| 19 | Non-Plants | Lichen | Symbiosis between algae and fungi, with spore cups |
| 20 | Non-Plants | Green algae | Filamentous, aquatic habit |
| 21 | Angiosperms | Maple tree | Maples produce fruits |
| 22 | Angiosperms | Grass | Tiny flowers that are wind pollinated |
| 23 | Bryophytes | Hornwort | Horn-like spore structures and a flat habit |
| 24 | Angiosperms | Duckweed | Floating plant with some of the smallest flowers on earth |
| 25 | Ferns and Allies | Fern | Frond with sori, clusters of sporangia on the underside of frond |
| 26 | Angiosperms | Sunflower | Flowers and fruits |
| 27 | Non-plant | Shelf fungus | No flowers or fruits, made of chitin |
| 28 | Angiosperms | Cherry tree | Fruits |
| 29 | Angiosperms | Coleus | Opposite leaves, will eventually produce flowers and fruits |
| 30 | Ferns and Allies | Maidenhair fern | Dissected frond, with sporangia (spore containers) on the edges of the frond |
| 31 | Gymnosperms | Pine | Needles and male pollen-producing cones |
| 32 | Bryophytes | Liverwort | Flat habit and gemmae cups |
| 33 | Angiosperms | Oak tree | Acorns (fruits) |
| 34 | Bryophytes | Liverwort | Female structures that look like palm trees, where fertilization takes place |
| 35 | Bryophytes | Moss | Spore capsules and tiny leaves |
| 36 | Ferns and Allies | Horsetail | Whorled leaves and spore structure at top of stem |
| 37 | Angiosperms | Orchid | Flower mimics pollinator and emits pheromones to attract pollinator |
| 38 | Gymnosperms | Welwitschia | Cones located at the center of the plant |
| 39 | Gymnosperms | Pine | Cones |
| 40 | Angiosperms | Cactus | Flower buds located at the top of the cactus |
| 41 | Gymnosperms | Pine | Needle-like leaves and new shoot tips |
| 42 | Angiosperms | Dogwood | Fruits |