Data and Observations:

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| Transect sample plants | Location and # in transect | Description(size and shape) | vascularization | Specialized  structure | Mechanism of reproduction |
| #1. Weeds | Soil under the bushes | Long ,green, multiple parallel leaves  4 inches long | Veins  In root xylem and phloem | Roots | monocot |
| #2.Round  weeds | In between stone and bush | Small 4//5 leaves as a cluster, multiple branches  2 inches long | Network of veins , circular ring scattered in roots | Hair like roots. | monocot |
| #3.Bush/  Dead leaf | Under the rose bush | Big, segmented leaf with thorn  3 inches long | Network of veins | Flower in the summer, thorn, | Angiosperm,  Pollen  Dicot |
| #4.Bulb | Just above the soil | Big circular root at one end and growing plants in other end  2 inches long | Collided vascular bundle | Roots  Bulb  Leaf coiled to become one stalk | Gymnosperms  monocot |
| #5.Grass | At the edge of the grass area | Long ,green parallel leaves as a cluster  2inches long | Roots vein are parallel | Network of roots | Angiosperm  monocot |

Table1: showing different plants from transect 5 and their characteristic’s.