Data and Observations:

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| Transect sample plants | Location and # in transect | Description(size and shape) | vascularization | Specializedstructure | Mechanism of reproduction |
| #1. Weeds | Soil under the bushes | Long ,green, multiple parallel leaves4 inches long | VeinsIn root xylem and phloem | Roots  | monocot |
| #2.Roundweeds | In between stone and bush | Small 4//5 leaves as a cluster, multiple branches2 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 thorn3 inches long | Network of veins | Flower in the summer, thorn,  | Angiosperm,PollenDicot |
| #4.Bulb | Just above the soil | Big circular root at one end and growing plants in other end2 inches long | Collided vascular bundle | RootsBulbLeaf coiled to become one stalk | Gymnospermsmonocot |
| #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 | Angiospermmonocot |

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