


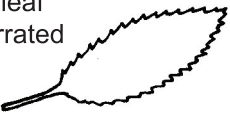


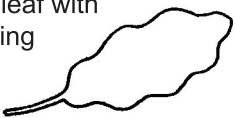
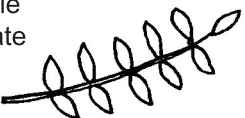
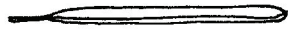
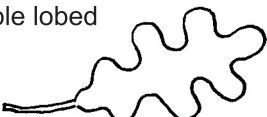
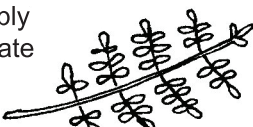


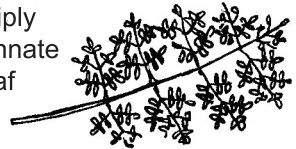



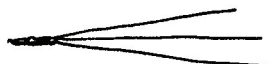









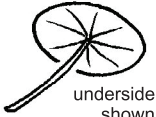




BOTANY SCAVENGER HUNT



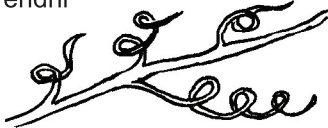





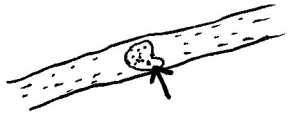

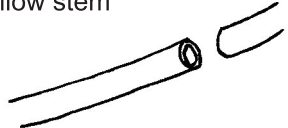
LEAVES

(NOTE: Your specimens do not need to match these pictures. Yours might look very different but still qualify.)

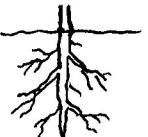
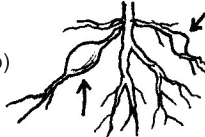
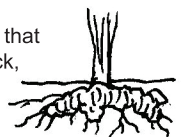



Simple leaf with smooth edges 	1	Simple palmate leaf 	1	Furry or fuzzy leaf 	1
Simple leaf with serrated edges 	1	Compound palmate leaf 	1	Thick, succulent leaf 	2
Simple leaf with undulating edges 	1	Simple pinnate leaf 	1	Flat conifer needle (Test: won't roll between finger and thumb) 	1
Simple lobed leaf 	1	Doubly pinnate leaf 	2	Round conifer needle (Test: will roll between finger and thumb) 	1
Leaf with deltoid shape 	2	Triply pinnate leaf 	3	Conifer tuft containing 2 needles 	1
Leaf with cordate shape 	2	Opposite leaves 	1	Conifer tuft containing 3 needles 	2
Leaf with obcordate shape 	3	Alternate leaves 	1	Conifer tuft containing 5 or more needles 	2
Leaf with linear shape 	1	Leaves in spiral pattern 	1	Leaf miner trail 	3
Leaf with orbicular shape (round, but with stem parallel to lamina) 	2	Leaves with whorl pattern 	2	Leaf gall 	3
Circular leaf (stem is perpendicular to lamina)  underside shown	3	Variegated leaf (more than one color) 	1	Leaf with fungus circles (spots cross over veins) 	3

TOTAL POINTS EARNED ON THIS PAGE

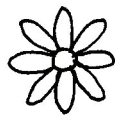










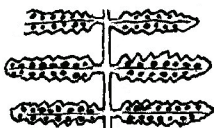
STEMS

Tendrils 	2	Stipules Occur at the base of some leaves. May look leafy or spiny. 	2	Stem gall 	3
Stolon ("runner") They can be at soil surface or slightly under. 	1	Apical (or "terminal") bud 	1	Axillary (or "lateral") bud 	1
Leaf scar 	1	Fuzzy or hairy stem 	2	Hollow stem 	1

ROOTS / RHIZOMES

Tap root (but can't use carrot) 	1	Tuber (but can't use potato) 	2	Rhizome (Modified stem that looks like a thick, clumpy root.) 	3
Fibrous root (but can't use grass) 	1	Nitrogen-fixing nodules 	3	Bulb (but not onion, tulip or daffodil) 	2

REPRODUCTIVE STRUCTURES

Regular flower (has radial symmetry) 	1	Flower spire 	2	Seed case designed to float or fly 	1
Irregular flower (has bilateral symmetry) 	2	Cone 	1	Seed case with hooks or barbs 	2
Composite flower (made of smaller flowers) 	1	A dry fruit (not from the store or your kitchen) 	2	Seed case thicker than this one: 	3
Umbrella-shaped flower 	2	Moss sporangium 	3	Fern sori 	3

optional additional category

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TOTAL POINTS EARNED ON THIS PAGE

TOTAL FROM FIRST PAGE

GRAND TOTAL
