

NATURAL HISTORY STEM BITE

VARIABLE	SURVEY 1	SURVEY 2	SURVEY 3	SURVEY 4
NAME:				
DATE:				
ROUTE LOCATION:				
% CLOUD COVER (0-100):				
TEMPERATURE:				
WIND SPEED:				
PRECIPITATION (rain/snow):				

TREASURE CATEGORY:				
TIME:				
LOCATION ON ROUTE:				
SPECIES/TYPE				
NUMBER OF INDIVIDUALS:				
SITE CHARACTERISTICS:				
PHOTO NUMBER:				

TREASURE CATEGORY:				
TIME:				
LOCATION ON ROUTE:				
SPECIES/TYPE				
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TREASURES

CATEGORY	POINTS	DESCRIPTION (TYPE)
Bird	1	crow, robin, hummingbird, duck, hawk, woodpecker...
Mammal	1	deer, squirrel, rabbit, cat, rat...
Tree seed	1	conifer cone, maple seed, acorn, apple...
Signs of wildlife	2	track, scat, food remains, feather, slime trail, nest, spiderweb, gall...
Dead tree	1	snag, log, stump
Moss community	9	3 or more types of moss and lichen next to each other
Fungus	1	mushroom, conk, mold, mildew
Flower	1	bud, bloom, seed head
Insect	1	bee, butterfly, ant, fly...
Gastropod	1	slug or snail
Refugia 1	3	dry places after it rains
Refugia 2	3	areas without frost on cold mornings
Refugia 3	3	cool and moist areas on dry hot afternoons
Light spectrum	3	rainbow, moonbow, double, mutiple

BEAUFORT WIND SCALE

CATEGORY	MPH	WIND SPEED DESCRIPTION
0	0-1	Calm: smoke rises vertically
1	1-3	Light Air: direction of wind shown by smoke drift
2	4-7	Light Breeze: wind felt on face; leaves rustle; flag ripples
3	8-12	Gentle Breeze: leaves & small twigs in constant motion; flag waves
4	13-18	Moderate Breeze: raises dust & loose paper; small branches move
5	19-24	Fresh Breeze: small trees in leaf begin to sway
6	25-31	Strong Breeze: large tree branches in motion
7	32-38	Near Gale: large trees sway; difficulty walking against wind
≥8	≥39	Gale: twigs & branches break off trees; generally impedes progress