

POLLINATOR & VEGETATION SURVEY DATA SHEETS

Survey Site Information (page 1 of 2)

Number of Surveyors	
Name(s) or Initials of Observer/Recorder	
Geo-location	°Latitude / OR / Decimal number:
(optional for landowners)	-- °Longitude / OR / Decimal number:
County	
Town/City	
Before/After habitat enhancement	
Date: (e.g. 05/ OCT /2017)	(dd/MMM/yyyy)
Start Time (~2 min/plant)	a.m./p.m. CST
Stop Time (total of 15 minutes)	a.m./p.m. CST
Weather - ambient air (circle one)	Cool Warm Hot
Weather - measured shade temperature	degrees F
Weather – skies (circle one)	Clear partly cloudy cloudy-bright overcast
Weather - Wind: Beaufort scale 1-4 (circle one)	Smoke rises (0) leaves rustle (1) you feel wind on face (2) leaves move (3) small branches move (4)

Road map or USGS topo map 1: 24,000 scale <http://www.topozone.com>; Google map on iPhone gives Latitude & Longitude (drop pin)

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Pollinator Survey: ID/count pollinators foraging **on** flowers. It's important to distinguish native/non-native bees. Count all bees you can (striped-abdomen: mining, cellophane/plasterer, and oil-collectors are for experienced observers).

INSECT		BEE GROUP	COUNT
Bug or Beetle		-	
Butterfly or Moth		-	
Fly		-	
Wasp		-	
Bee Little or no hair on/under abdomen (pollen on leg hairs or elsewhere)	-	Western honeybee (black/amber striped abdomen, corbicula, medium robust)	
	Native	Bumble (hairy, black with yellow bands, corbicula, medium-large robust)	
	Native	Large carpenter (shiny black abdomen, hair on thorax, very large robust)	
	Native	Hairy-legged (velvety hind leg/body, grey-striped abdomen, small-large robust)	
	Native	Green sweat (metallic green, hair brush on hind legs, medium & slender)	
	Native	Striped sweat (shiny, thin stripes or dark, hair on legs, tiny-medium slender)	
	Native	Tiny dark (metallic/shiny dark, hair on hind legs, tiny-medium slender)	
	Native	Striped abdomen (sparse hair on hind legs, thin gray-striped, small-large) miner	
Bee Brush of hair on/under abdomen (can carry pollen)	Native	Striped hairy belly (raises abdomen, white-striped, big mandibles, small-med)	
	Native	Metallic hairy belly (metallic blue/green, shiny round abdomen, small-medium)	
	Native	Striped abdomen (silver/white-striped, hairy thorax, small-large) plasterer	
	Native	Striped abdomen (cream-black striped, hairy body, small-medium) oil-collector	
Bee No hair	Native	Cuckoo (red, large or small)	

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Simplified Vegetation Survey: retrace path, check veg. class, ID plants, estimate inflorescences*

*Per species inflorescence estimates: **Few** (1-50), **Moderate** (50-200), **Many** (200-500)

Site Vegetation Class	<input checked="" type="checkbox"/>	Dominant Plants - Latin/Common Names	Few	Moderate	Many
Open Woodland	<input type="checkbox"/>				
Shrub-land	<input type="checkbox"/>				
Grassland/Prairie	<input type="checkbox"/>				
Agricultural crops	<input type="checkbox"/>				
Gardens	<input type="checkbox"/>				

Start time _____ a.m./p.m. CST	End time _____ a.m./p.m. CST
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Pollinator Survey Response, Data Upload - https://docs.google.com/forms/d/e/1FAIpQLSfi1Y_9JaTf-y1ZnRxd6CJFK2CiWRq9TbZHWq_s2J7uSENKMw/viewform

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Formal Vegetation Survey: return on 160-ft x 6-ft transect, ID plants & count inflorescences/species

Plant Scientific/Common Name (genus Latin name is better than common name)	Inflorescence # Estimates

Start time _____ a.m./p.m. CST	End time _____ a.m./p.m. CST
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Pollinator Survey Data Upload - https://docs.google.com/forms/d/e/1FAIpQLSfi1Y_9JaTf-y1ZnRxd6CJFK2CiWRq9TbZHWq_s2J7uSENKMw/viewform