

Bees of the Platte River Prairies, Nebraska

Collected in July 2012

by Mike Arduser, Chris Helzer, James Trager

Key:

blue text = pollen specialist

red text = cleptoparasite

Found only in Remnants (11)

Nest type	tied to sand	genus	species	# of bees collected		Total # of sites
				Remnant	Restoration	
ground		Agapostemon	virescens	3	0	2
ground	x	Colletes	aberrans	3	0	1
ground		Lasioglossum	sp. 6	1	0	1
ground		Lasioglossum	sp. 7	1	0	1
ground		Lasioglossum	semicaeruleum	1	0	1
ground		Megachile	latimanus/perihirta	1	0	1
ground		Melissodes	bimaculata	1	0	1
ground		Peponapis	pruinosa	1	0	1
ground		Svastra	obliqua	3	0	2
ground		Svastra	atripes	1	0	1
		Triepeolus	concavus	1	0	1

Found only in Restorations (12)

Nest type	tied to sand	genus	species	# of bees collected		Total # of sites
				Remnant	Restoration	
twig		Ceratina	sp.	0	2	1
		Coelioxys	sayi	0	1	1
		Epeolus	bifasciatus	0	1	1
		Coelioxys	edita	0	1	1
twig		Hylaeus	species	0	1	1
ground		Lasioglossum	sp. 8	0	1	1
twig		Megachile	frugalis	0	1	1
ground		Melissodes	nivea	0	1	1
ground		Melissodes	agilis	0	1	1
ground	x	Perdita	lepachidis	0	1	1
ground		Protandrena	cockerelli	0	1	1
ground		Protandrena	bancrofti	0	1	1

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Found in Both Remnants and Restorations (26)

Nest type	sand	genus	species	# of bees collected		Total
				Remnant	Restoration	# of sites
ground		*Agapostemon	angelicus	3	9	6
ground		Anthophora	walshii	3	4	3
domestic		**Apis	mellifera	0	2	1
ground		Augochlorella	aurata	11	3	5
ground		**Bombus	pennsylvanicus	0	1	1
ground		**Bombus	griseocollis	1	1	2
ground	x	Colletes	susannae	7	5	3
ground	x	Colletes	robertsoni	1	1	2
ground		Colletes	latitarsus	1	2	2
ground		Diadasia	afflicta	8	3	3
ground		Diadasia	enavata	6	7	7
ground		Florilegus	condignus	1	6	3
ground		Halictus	parallelus	3	6	5
ground		Halictus	ligatus	3	2	3
ground		Lasioglossum	pectorale	1	1	2
ground		Lasioglossum	nymphaearum	1	3	3
ground		Lasioglossum	hudsoniellum	8	9	3
ground	x	Lasioglossum	pictum	1	7	3
ground	x	Lasioglossum	n.r. pilosum	6	12	3
ground		Lasioglossum	sp. 2	13	17	7
ground		Lasioglossum	sp. 3	2	4	4
ground		Lasioglossum	pruinatum	9	3	5
cavity		Megachile	brevis	1	5	5
twig		Megachile	montivaga	1	2	2
ground		Melissodes	communis	6	9	3
ground		Tetraloniella	albata	2	3	4

Pollen specialists (oligolectic)

13 species

3 in remnants only (2 in only one site, 1 in two sites)

4 in restorations only

Twig/cavity nesters (not including honeybees)

5 species

3 only in restorations

of bees found in more than one site = 28

of those, only two were found only in remnants

*Agapostemon angelicus/texanus all lumped into A. angelicus in these data.

**Many more bumblebees and honey bees were seen, but not collected across multiple sites