

## A Preliminary List of Some Bees of the Columbia County NY Area - 2016.

Based on collections by the Farmscape Ecology Program and Sarah Kornbluth. Includes bees from Columbia County, NW Connecticut, and Ulster County. Ecological information from: Bee Diversity in NY by Danforth and van Dyke (<http://pollinator.cals.cornell.edu/wild-bees-new-york/bee-diversity-new-york/>); Specialist Bees of the Mid-Atlantic and Northeastern United States by Fowler and Droege ([http://jarrodowler.com/specialist\\_bees.html](http://jarrodowler.com/specialist_bees.html)); Discover Nature ([www.discovernature.org](http://www.discovernature.org)); Bugguide ([www.bugguide.net](http://www.bugguide.net)); and the book, *The Bees in your Backyard* by Wilson and Carril. During their time collaborating with the Farmscape Ecology Program Martin Holdrege and Sara Powell made big contributions to this work. Questions? Contact Conrad Vispo, [conrad@hawthornevalleyfarm.org](mailto:conrad@hawthornevalleyfarm.org)

Yellow highlighting indicates species observed regularly in and around farm fields.

Family	Genus	Species	Nest Site	Sociality	Pollen Preference
<b>Andrenidae</b>	Andrena	alleghaniensis	GROUND	SOLITARY	
	Andrena	c.f critica	(GROUND)	(SOLITARY)	
	Andrena	c.f. asteris	GROUND	SOLITARY	Specialist: Goldenrods in Autumn
	Andrena	c.f. brevipalpis	GROUND	SOLITARY	
	Andrena	c.f. impuncta	(GROUND)	(SOLITARY)	
	Andrena	c.f. virginiana	GROUND	SOLITARY	
	Andrena	c.f. ziziae	GROUND	SOLITARY	Specialist: Golden Alexander in Spring
	* Andrena	carlini	GROUND	SOLITARY	
	Andrena	crataegi	GROUND	SOLITARY	
	Andrena	cressonii	GROUND	SOLITARY	
	Andrena	erigeniae	GROUND	SOLITARY	Specialist: Spring Beauty in Spring
	Andrena	hirticincta	GROUND	SOLITARY	Specialist: Goldenrods in Autumn
	Andrena	miserabilis	GROUND	SOLITARY	
	* Andrena	nasonii	GROUND	SOLITARY	
	Andrena	nuda	GROUND	SOLITARY	
	Andrena	sp. 1	(GROUND)	(SOLITARY)	
	Andrena	sp. 10	(GROUND)	(SOLITARY)	
	Andrena	sp. 12	(GROUND)	(SOLITARY)	
	Andrena	sp. 2	(GROUND)	(SOLITARY)	
	Andrena	sp. 3	(GROUND)	(SOLITARY)	
	Andrena	sp. 3	(GROUND)	(SOLITARY)	
	Andrena	sp. 4	(GROUND)	(SOLITARY)	
	Andrena	sp. 5	(GROUND)	(SOLITARY)	
	Andrena	sp. 6	(GROUND)	(SOLITARY)	
	Andrena	sp. 7	(GROUND)	(SOLITARY)	
	Andrena	sp. 8	(GROUND)	(SOLITARY)	
	Andrena	sp. 9	(GROUND)	(SOLITARY)	
	Andrena	sp. A	(GROUND)	(SOLITARY)	
	Andrena	sp. B	(GROUND)	(SOLITARY)	
	Andrena	sp. C	(GROUND)	(SOLITARY)	
	Andrena	sp. D	(GROUND)	(SOLITARY)	
	Andrena	sp. E	(GROUND)	(SOLITARY)	
	Andrena	sp. F	(GROUND)	(SOLITARY)	
	Andrena	sp. G	(GROUND)	(SOLITARY)	
	Andrena	vicina	GROUND	SOLITARY	
Andrena	violae	GROUND	SOLITARY	Specialist: Violets in Spring	
* Calliopsis	andreniformis	GROUND	SOLITARY		
Perdita	sp	GROUND	SOLITARY		
<b>Apidae</b>	Anthophora	terminalis	ROTTING WOOD	SOLITARY	
*I	<b>Apis</b>	<b>mellifera</b>	CAVITY	EUSOCIAL	
	Bombus	affinis	CAVITY	EUSOCIAL	
	Bombus	ashtoni		SOCIAL PARASITE	
	Bombus	auricomus	CAVITY	EUSOCIAL	
	Bombus	bimaculatus	CAVITY	EUSOCIAL	
	Bombus	c.f. citrinus		SOCIAL PARASITE	
	Bombus	fervidus	CAVITY	EUSOCIAL	
	Bombus	griseocollis	CAVITY	EUSOCIAL	
	* <b>Bombus</b>	<b>impatiens</b>	CAVITY	EUSOCIAL	

Bombus	perplexus	CAVITY	EUSOCIAL	
Bombus	rufocinctus	CAVITY	EUSOCIAL	
Bombus	sandersoni	CAVITY	EUSOCIAL	
Bombus	ternarius	CAVITY	EUSOCIAL	
Bombus	vagens	CAVITY	EUSOCIAL	
Ceratina	c.f. mikmaqi	PITH	SOLITARY	
Ceratina	c.f. strenua	PITH	SOLITARY	
* Ceratina	calcarata	PITH	SOLITARY	
* Ceratina	dupla	PITH	SOLITARY	
Ceratina	strenua	PITH	SOLITARY	
Holcopasites	calliopsidis		CLEPTOPARASITE	
Melissodes	agilis	GROUND	SOLITARY	
* Melissodes	bimaculata	GROUND	SOLITARY	
Melissodes	druriellus	GROUND	SOLITARY	
Melissodes	c.f. nivea	GROUND	SOLITARY	
Melissodes	c.f. trinodis	GROUND	SOLITARY	
Melissodes	denticulata	GROUND	SOLITARY	Specialist: Ironweed in Autumn
Melissodes	dentiventris	GROUND	SOLITARY	
Melissodes	desponsus	GROUND	SOLITARY	
Nomada	depressa		CLEPTOPARASITE	
Nomada	female1		CLEPTOPARASITE	
Nomada	placida		CLEPTOPARASITE	
Peponapis	pruinosa	GROUND	SOLITARY	Specialist: Cucurbits
Svastra	obliqua	GROUND	SOLITARY	
Xylocopa	virginica	WOOD	SOLITARY	
Colletes	simulans	GROUND	SOLITARY	Specialist: Goldenrods in Autumn
* Hylaeus	affinis/modestus	PITH	SOLITARY	
I Hylaeus	c.f. punctatus	PITH	SOLITARY	
Hylaeus	mesillae	PITH	SOLITARY	
Hylaeus	c.f. annulatus group	PITH	SOLITARY	
Hylaeus	sp. 3	(PITH)	(SOLITARY)	
Agapostemon	texanus	GROUND	SOLITARY	
* Agapostemon	virescens	GROUND	SOLITARY	
Augochlora	pura	ROTTING WOOD	SOLITARY	
* Augochlorella	aurata	GROUND	EUSOCIAL	
Augochloropsis	metallica	GROUND	SOLITARY	
Augochloropsis	sumptuosa	GROUND	SOLITARY	
Dufourea	novaeangliae	GROUND	SOLITARY	Specialist: Pickerelweed in Summer
Halictus	c.f. parallelus	GROUND	EUSOCIAL	
* Halictus	confusus	GROUND	EUSOCIAL	
* Halictus	ligatus	GROUND	EUSOCIAL	
Halictus	parallelus	GROUND	EUSOCIAL	
* Halictus	rubicundus	GROUND	EUSOCIAL	
I Halictus	tectus	(GROUND)	(EUSOCIAL)	
Lasioglossum	admirandum	GROUND	EUSOCIAL	
Lasioglossum	albipenne	GROUND	EUSOCIAL	
Lasioglossum	anomalum	GROUND	EUSOCIAL	
Lasioglossum	bruneri	GROUND	EUSOCIAL	
Lasioglossum	c.f. fuscipenne	GROUND	SOLITARY	
Lasioglossum	c.f. lionotum		SOCIAL PARASITE	
Lasioglossum	c.f. lustrans			
Lasioglossum	cattellae	GROUND	EUSOCIAL	
Lasioglossum	cinctipes	GROUND	EUSOCIAL	
Lasioglossum	coriaceum	GROUND	SOLITARY	
* Lasioglossum	cressonii	WOOD	EUSOCIAL	
Lasioglossum	ephialtum	GROUND	EUSOCIAL	
Lasioglossum	hitchensi	GROUND	EUSOCIAL	
* Lasioglossum	imitatum	GROUND	EUSOCIAL	
Lasioglossum	laevissimum	GROUND	EUSOCIAL	

**Colletidae**

**Halictidae**

	Lasioglossum	leucomum	GROUND	EUSOCIAL	
<b>I</b>	Lasioglossum	leucozonium	GROUND	SOLITARY	
	Lasioglossum	lineatum	GROUND	EUSOCIAL	
	Lasioglossum	macoupinense	GROUND	SOLITARY	
	Lasioglossum	nymphaearum	GROUND	EUSOCIAL	
	Lasioglossum	obscurum	GROUND	EUSOCIAL	
	Lasioglossum	oenotherae	GROUND	EUSOCIAL	Specialist: Primroses in Summer
	Lasioglossum	paradmirandum	GROUND	EUSOCIAL	
	Lasioglossum	pectorale	GROUND	SOLITARY	
	Lasioglossum	perpunctatum	GROUND	EUSOCIAL	
*	Lasioglossum	pilosum	GROUND	EUSOCIAL	
*	Lasioglossum	planatum	GROUND	EUSOCIAL	
	Lasioglossum	platyparium		SOCIAL PARASITE	
	Lasioglossum	quebecense	GROUND	SOLITARY	
	Lasioglossum	rohweri	GROUND	EUSOCIAL	
	Lasioglossum	rufitarse			
	Lasioglossum	sp1 (male)			
	Lasioglossum	sp2 (male)			
	Lasioglossum	subviridatum	GROUND	EUSOCIAL	
*	Lasioglossum	tegulare	GROUND	EUSOCIAL	
	Lasioglossum	truncatum	GROUND	EUSOCIAL	
	Lasioglossum	versans	GROUND	EUSOCIAL	
*	Lasioglossum	versatum	GROUND	EUSOCIAL	
	Lasioglossum	viridatum	GROUND	EUSOCIAL	
	Lasioglossum	weemsi	GROUND	EUSOCIAL	
	Lasioglossum	zephyrum	GROUND	EUSOCIAL	
<b>I</b>	Lasioglossum	zonulum	GROUND	SOLITARY	
	Lasioglossum	zophops			
	Sphecodes	atlantis		CLEPTOPARASITE	
	Sphecodes	prophorus		CLEPTOPARASITE	
<b>I</b>	Anthidium	oblongatum	VARIED	SOLITARY	
<b>I</b>	Anthidium	manicatum	VARIED	SOLITARY	
<b>I</b>	Chelostoma	rapunculi	PITH	SOLITARY	Specialist: Bell-flower
	Heriades	c.f. carinatus	PITH	SOLITARY	
	Hoplitis	c.f. producta	PITH/GROUND	SOLITARY	
	Hoplitis	c.f. truncata	PITH/GROUND	SOLITARY	
	Hoplitis	producta	PITH/GROUND	SOLITARY	
	Hoplitis	spoliata	PITH/GROUND	SOLITARY	
	Megachile	addenda	GROUND	SOLITARY	
	Megachile	brevis	CAVITY	SOLITARY	
	Megachile	c.f. latimanus	GROUND	SOLITARY	
	Megachile	relativa	PITH/CAVITY	SOLITARY	
	Megachile	rotundata	PITH/CAVITY	SOLITARY	
	Osmia	atriventris	PITH/CAVITY	SOLITARY	
	Osmia	bucephala	PITH/CAVITY	SOLITARY	
<b>I</b>	Osmia	cornifrons	PITH/CAVITY	SOLITARY	
	Osmia	lignaria	PITH/CAVITY	SOLITARY	
*	Osmia	pumila	PITH/CAVITY	SOLITARY	
	Paranthidium	jugatorium	PITH/CAVITY	SOLITARY	Specialist: Sunflowers in Summer
<b>Melittidae</b>	Melitta	c.f. americana	GROUND	SOLITARY	Specialist: Blueberries in Summer