

Bees of Vermont					Parasites & Pollen Specialists:		
FAMILY	GENUS	SUBGENUS	SPECIES	NEST SUBSTRATE	Host Family	Host genus	FLIGHT SEASON
Andrenidae	Andrena	(Euandrena)	algida	Soil			3-8
Andrenidae	Andrena	(Scrapteropsis)	alleghaniensis	Soil			4-7
Andrenidae	Andrena		arabis		Brassicaceae	Card, Bras, Barba, Caps, Dent	
Andrenidae	Andrena	(Callandrena s.l.)	asteris	Soil	Asteraceae		8-10
Andrenidae	Andrena	(Leucandrena)	barbilabris	Soil			3-7 [8-9]
Andrenidae	Andrena	(Thysandrena)	bisalicis	Soil			2-9
Andrenidae	Andrena	(Callandrena s.l.)	braccata	Soil	Asteraceae		7-10
Andrenidae	Andrena	(Conandrena)	bradleyi	Soil	Ericaceae	Vaccinium	3-9
Andrenidae	Andrena	(Rhacandrena)	brevipalpis	Soil			5-10
Andrenidae	Andrena	(Cnemidandrena)	canadensis	Soil	Asteraceae		8-9
Andrenidae	Andrena	(Melandrena)	carlini	Soil			3-7 [8]
Andrenidae	Andrena	(Andrena)	carolina	Soil	Ericaceae	Vaccinium	4-7
Andrenidae	Andrena	(Trachandrena)	ceanothi	Soil			5-6
Andrenidae	Andrena	(Andrena)	clarkella	Soil	Salicaceae	Salix	3-8
Andrenidae	Andrena	(Melandrena)	commoda	Soil			4-7
Andrenidae	Andrena		cornelli		Ericaceae	Rhododendron	
Andrenidae	Andrena	(Plastandrena)	crataegi	Soil			3-8
Andrenidae	Andrena	(Holandrena)	cressonii	Soil			3-8
Andrenidae	Andrena	(Ptilandrena)	distans	Soil	Geraniaceae	Geranium	4-6 [10]
Andrenidae	Andrena	(Melandrena)	dunningi	Soil			2-7 [8]
Andrenidae	Andrena	(Ptilandrena)	erigeniae	Soil	Portulacaceae	Claytonia	2-5 [7-8]
Andrenidae	Andrena	(Tylandrena)	erythrogaster	Soil	Salicaceae	Salix	2-7
Andrenidae	Andrena		erythronii		Liliaceae	Erythronium	
Andrenidae	Andrena	(Trachandrena)	forbesii	Soil			4-6
Andrenidae	Andrena	(Gonandrena)	fragilis	Soil	Cornaceae	Cornus (Svida)	5-7
Andrenidae	Andrena	(Andrena)	frigida	Soil	Salicaceae	Salix	2-7
Andrenidae	Andrena	(Euandrena)	geranii	Soil			4-7
Andrenidae	Andrena	(Callandrena s.l.)	helianthi	Soil	Asteraceae		7-9
Andrenidae	Andrena	(Trachandrena)	hippotes	Soil			4-6
Andrenidae	Andrena	(Cnemidandrena)	hirticincta	Soil	Asteraceae		8-10
Andrenidae	Andrena	(Scrapteropsis)	imitatrix	Soil			3-7
Andrenidae	Andrena	(Scrapteropsis)	kalmiae	Soil	Ericaceae	Kalmia	5-7
Andrenidae	Andrena		mandibularis				
Andrenidae	Andrena	(Trachandrena)	mariae	Soil	Salicaceae	Salix	4-7
Andrenidae	Andrena	(Micrandrena)	melanochroa	Soil	Rosaceae		3-7
Andrenidae	Andrena	(Andrena)	milwaukeeensis	Soil			3-8
Andrenidae	Andrena	(Trachandrena)	miranda	Soil			5-8
Andrenidae	Andrena	(Larandrena)	miserabilis	Soil			1-7 [8-9]
Andrenidae	Andrena	(Scrapteropsis)	morrisonella	Soil			4-7
Andrenidae	Andrena	(Simandrena)	nasonii	Soil			3-7

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Andrenidae	Andrena	(Parandrena)	nida	Soil	Salicaceae	Salix	3-6
Andrenidae	Andrena	(Euandrena)	nigrihirta	Soil			3-8
Andrenidae	Andrena	(Melandrena)	nivalis	Soil			2-8
Andrenidae	Andrena	(Cnemidandrena)	nubecula	Soil	Asteraceae		7-10
Andrenidae	Andrena	(Cnemidandrena)	parnassiae	Soil	Asteraceae		8-9
Andrenidae	Andrena	(Cnemidandrena)	peckhami	Soil	Asteraceae		9
Andrenidae	Andrena	(Tylandrena)	perplexa	Soil			3-6
Andrenidae	Andrena	(Gonandrena)	platyparia	Soil	Cornaceae	Cornus (Svida)	5-7
Andrenidae	Andrena	(Melandrena)	regularis	Soil			4-7
Andrenidae	Andrena	(Andrena)	rufosignata	Soil			4-8
Andrenidae	Andrena	(Trachandrena)	rugosa	Soil			4-6
Andrenidae	Andrena	(Micrandrena)	salictaria	Soil	Salicaceae	Salix	3-6
Andrenidae	Andrena	(Trachandrena)	sigmundi	Soil	Salicaceae	Salix	5-7
Andrenidae	Andrena	(Callandrena s.l.)	simplex	Soil	Asteraceae		7-9
Andrenidae	Andrena	(Trachandrena)	spiraeana	Soil			6-8
Andrenidae	Andrena	(Andrena)	thaspii	Soil			4-8
Andrenidae	Andrena		tridens				
Andrenidae	Andrena	(Melandrena)	vicina	Soil			3-7 [8-9]
Andrenidae	Andrena		violae		Violaceae		
Andrenidae	Andrena	(Trachandrena)	virginiana	Soil			6-7
Andrenidae	Andrena	(Simandrena)	wheeleri	Soil			4-7
Andrenidae	Andrena	(Taeniandrena)	wilkella	Soil			4-9
Andrenidae	Andrena	(Thysandrena)	w-scripta	Soil			2-9 [10]
Andrenidae	Andrena	(Micrandrena)	ziziae	Soil			4-6 [7, 9]
Andrenidae	Calliopsis	(Calliopsis)	andreniformis	Soil	esp. Fabaceae		4-10
Andrenidae	Perdita	(Perdita)	octomaculata	Soil	Asteraceae		7-10
Andrenidae	Pseudopanurgus		andrenoides	Soil	Asteraceae		8-10
Andrenidae	Pseudopanurgus		nebrascensis	Soil	Asteraceae		8-9
Andrenidae	Pseudopanurgus		solidaginis	Soil	Asteraceae		
Apidae	Anthophora	(Melea)	bomboides	clay bank			3-8
Apidae	Anthophora	(Clisodon)	terminalis	Wood			5-9
Apidae	Apis	(Apis)	mellifera	hive			1-12
Apidae	Bombus	(Bombus)	affinis	colony			4-10
Apidae	Bombus	(Psithyrus)	ashtoni	colony		Bombus, subg. Bombus	5-10
Apidae	Bombus	(Bombias)	auricomus	colony			5-10
Apidae	Bombus	(Pyrobombus)	bimaculatus	colony			
Apidae	Bombus	(Subterraneobombus)	borealis	colony			5-10
Apidae	Bombus	(Psithyrus)	citrinus	colony		various Bombus sp.	5-10
Apidae	Bombus	(Psithyrus)	fernaldae	colony		Bombus	
Apidae	Bombus	(Fervidobombus)	fervidus	colony			4-10

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Apidae	Bombus	(Separatobombus)	griseocollis	colony			2-10
Apidae	Bombus	(Pyrobombus)	impatiens	colony			1-11
Apidae	Bombus	(Psithyrus)	insularis	colony		Bombus	
Apidae	Bombus	(Fervidobombus)	pensylvanicus	colony			4-10
Apidae	Bombus	(Pyrobombus)	perplexus	colony			4-10
Apidae	Bombus	(Cullumanobombus)	rufocinctus	colony			2-10
Apidae	Bombus	(Pyrobombus)	sandersoni	colony			6-8
Apidae	Bombus	(Pyrobombus)	ternarius	colony			4-10
Apidae	Bombus	(Bombus)	terricola	colony			4-10
Apidae	Bombus	(Pyrobombus)	vagans	colony			5-10
Apidae	Bombus	(Psithyrus)	variabilis	colony		Bombus	
Apidae	Ceratina	(Zadontomerus)	calcarata	Pithy stems			3-10
Apidae	Ceratina	(Zadontomerus)	dupla	Pithy stems			4-9
Apidae	Epeolus		scutellaris	[Soil]	Colletidae	Colletes	6-10
Apidae	Melissodes	(Eumelissodes)	agilis	Soil	Asteraceae		5-11
Apidae	Melissodes	(Apomelissodes)	apicata	Soil	Pontederiaceae	Pontederia	3-7
Apidae	Melissodes	(Melissodes)	bimaculata	Soil			2-10
Apidae	Melissodes		campanulae				
Apidae	Melissodes	(Eumelissodes)	denticulata	Soil	Asteraceae		5-10
Apidae	Melissodes	(Heliomelissodes)	desponsa	Soil	Asteraceae: Cyna	Cirsium	6-10
Apidae	Melissodes	(Eumelissodes)	druriella	Soil	Asteraceae		5-11
Apidae	Melissodes	(Eumelissodes)	illata	Soil	Asteraceae		7-9
Apidae	Melissodes	(Eumelissodes)	subillata	Soil	Asteraceae		6-9
Apidae	Melissodes		trinodis				
Apidae	Nomada		articulata	[Soil]	Halictidae: Caer	Agapostemon	5-7
Apidae	Nomada		banksi	[Soil]	Andrenidae: Andr	Andrena	8-9
Apidae	Nomada		bella	[Soil]	Andrenidae: Andr	Andrena	3-4
Apidae	Nomada		composita	[Soil]	Andrenidae: Andr	Andrena	6-7
Apidae	Nomada		cressonii	[Soil]	Andrenidae: Andr	Andrena	4-7
Apidae	Nomada		cuneata	[Soil]	Andrenidae: Andr	Andrena	6 [10]
Apidae	Nomada		depressa	[Soil]	Andrenidae: Andr	Andrena	4-7
Apidae	Nomada		detrita	[Soil]	Andrenidae: Andr	Andrena	6
Apidae	Nomada		dreisbachi	[Soil]	Andrenidae: Andr	Andrena	4-6
Apidae	Nomada		electa	[Soil]	Andrenidae: Andr	Andrena	9
Apidae	Nomada		florilega	[Soil]	Andrenidae: Andr	Andrena	5-8
Apidae	Nomada		imbricata	[Soil]	Andrenidae: Andr	Andrena	4-6
Apidae	Nomada		inepta	[Soil]	Andrenidae: Andr	Andrena	4-6
Apidae	Nomada		integerrima	[Soil]	Andrenidae: Andr	Andrena	3-8
Apidae	Nomada		lepida	[Soil]	Andrenidae: Andr	Andrena	5-7
Apidae	Nomada		luteola	[Soil]	Andrenidae: Andr	Andrena	5-7

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Apidae	Nomada		luteoloides	[Soil]	Andrenidae: Andr	Andrena	4-7
Apidae	Nomada		maculata	[Soil]	Andrenidae: Andr	Andrena	4-6
Apidae	Nomada		mendica	[Soil]	Andrenidae: Andr	Andrena	5-7
Apidae	Nomada		ovata	[Soil]	Andrenidae: Andr	Andrena	5-6
Apidae	Nomada		pygmaea	[Soil]	Andrenidae: Andr	Andrena	4-6 [8]
Apidae	Nomada		sayi	[Soil]	Andrenidae: Andr	Andrena	4-7
Apidae	Nomada		valida	[Soil]	Andrenidae: Andr	Andrena	4-6
Apidae	Nomada		vicina	[Soil]	Andrenidae: Andr	Andrena	8-10
Apidae	Peponapis	(Peponapis)	pruinosa	Soil	Cucurbitaceae	Cucurbita	5-9
Apidae	Triepeolus		donatus	[Soil]			7-10
Apidae	Triepeolus		michiganensis	[Soil]			7-9
Apidae	Triepeolus		pectoralis	[Soil]			7-11
Apidae	Xylocopa	(Xylocopoides)	virginica	solid wood			3-10
Colletidae	Colletes		americanus	Soil			5-11
Colletidae	Colletes		compactus	Soil	Asteraceae		7-11
Colletidae	Colletes		consors	Soil			4-8
Colletidae	Colletes		impunctatus	Soil			6-7
Colletidae	Colletes		inaequalis	Soil			3-7 [8-9]
Colletidae	Colletes		kincaidii	Soil			6-9
Colletidae	Colletes		productus	Soil	Ericaceae	Lyonia	4-7
Colletidae	Colletes		simulans	Soil	Asteraceae		1, 5-11
Colletidae	Colletes		validus	Soil			3-7
Colletidae	Hylaeus	(Prosopis)	affinis	cavity			4-10
Colletidae	Hylaeus	(Hylaeus)	annulatus	cavity			4-10
Colletidae	Hylaeus	(Cephalylaeus)	basalis	cavity	Rosaceae		5-8
Colletidae	Hylaeus	(Prosopis)	illinoisensis	cavity			6-9
Colletidae	Hylaeus	(Hylaeus)	leptocephalus	cavity			5-9
Colletidae	Hylaeus	(Hylaeus)	mesillae	cavity			4-10
Colletidae	Hylaeus	(Prosopis)	modestus	cavity			5-9
Colletidae	Hylaeus	(Hylaeus)	saniculae	cavity			6-8
Colletidae	Hylaeus	(Hylaeus)	verticalis	cavity			4-8
Halictidae	Agapostemon	(Agapostemon)	sericeus	Soil			4-10
Halictidae	Agapostemon	(Agapostemon)	splendens	Soil			4-8
Halictidae	Agapostemon	(Agapostemon)	texanus	Soil			4-9
Halictidae	Agapostemon	(Agapostemon)	virescens	Soil			5-10
Halictidae	Augochlora	(Augochlora)	pura	Wood			4-10
Halictidae	Augochlorella		aurata	Soil			4-10
Halictidae	Augochloropsis	(Paraugochloropsis)	metallica	Soil			3-11
Halictidae	Dufourea		marginata		Asteraceae		
Halictidae	Dufourea		novaeangliae	Soil		Pontederia	7-8

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Halictidae	Halictus	(Seladonia)	confusus	Soil			4-10
Halictidae	Halictus	(Odontalictus)	ligatus	Soil			1-12
Halictidae	Halictus	(Nealictus)	parallelus	Soil			3-8
Halictidae	Halictus	(Protohalictus)	rubicundus	Soil			3-9
Halictidae	Lasioglossum	(Dialictus)	abanci	Soil			4-9
Halictidae	Lasioglossum	(Lasioglossum)	acuminatum	Soil			4-10
Halictidae	Lasioglossum	(Dialictus)	admirandum	Soil			3-9
Halictidae	Lasioglossum	(Dialictus)	albipenne	Soil			5-9
Halictidae	Lasioglossum	(Dialictus)	anomalum	Soil			5-9
Halictidae	Lasioglossum	(Lasioglossum)	athabascense	Soil			4-10
Halictidae	Lasioglossum	(Dialictus)	atlanticum	Soil			4-9
Halictidae	Lasioglossum	(Evylaeus)	boreale	Soil			6-8
Halictidae	Lasioglossum	(Evylaeus)	cinctipes	Soil			3-9
Halictidae	Lasioglossum	(Dialictus)	coeruleum	rotten wood			4-10
Halictidae	Lasioglossum	(Lasioglossum)	coriaceum	Soil			3-10
Halictidae	Lasioglossum	(Dialictus)	cressonii	rotten wood			3-10
Halictidae	Lasioglossum	(Dialictus)	divergens	Soil			6-7
Halictidae	Lasioglossum	(Dialictus)	foxii	Soil			4-9
Halictidae	Lasioglossum	(Dialictus)	heterognathum	Soil			4-9
Halictidae	Lasioglossum	(Dialictus)	imitatum	Soil			4-10
Halictidae	Lasioglossum	(Dialictus)	laevissimum	Soil			3-10
Halictidae	Lasioglossum	(Lasioglossum)	leucozonium	Soil			5-10
Halictidae	Lasioglossum	(Dialictus)	lineatulum	Soil			4-10
Halictidae	Lasioglossum	(Dialictus)	macoupinense	Soil			4-9
Halictidae	Lasioglossum	(Dialictus)	nigroviride	Soil			4-10
Halictidae	Lasioglossum	(Dialictus)	nymphaearum	Soil			4-10
Halictidae	Lasioglossum	(Dialictus)	oblongum	rotten wood			3-10
Halictidae	Lasioglossum	(Evylaeus)	oenotherae	Soil	Onagraceae	Oenothera	5-8
Halictidae	Lasioglossum	(Dialictus)	paradmirandum	Soil			4-9
Halictidae	Lasioglossum	(Dialictus)	pectorale	Soil			3-11
Halictidae	Lasioglossum	(Dialictus)	perpunctatum	Soil			4-9
Halictidae	Lasioglossum	(Dialictus)	perspicuum	Soil			4-9
Halictidae	Lasioglossum	(Dialictus)	pilosum	Soil			2-10
Halictidae	Lasioglossum	(Evylaeus)	quebecense	Soil			3-9
Halictidae	Lasioglossum	(Dialictus)	rohweri	Soil			4-9
Halictidae	Lasioglossum	(Dialictus)	solidaginis	Soil			6-10
Halictidae	Lasioglossum	(Dialictus)	tegulare	Soil			1-12
Halictidae	Lasioglossum	(Evylaeus)	truncatum	Soil			3-10
Halictidae	Lasioglossum	(Dialictus)	unicum	Soil			5-10
Halictidae	Lasioglossum	(Dialictus)	versans	Soil			4-10

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Halictidae	Lasioglossum	(Dialictus)	vierecki	Soil			4-9
Halictidae	Lasioglossum	(Dialictus)	viridatum	Soil			4-10
Halictidae	Lasioglossum	(Dialictus)	zephyrum	Soil			3-10
Halictidae	Lasioglossum	(Lasioglossum)	zonulum	Soil			4-10
Halictidae	Sphecodes		atlantis	[Soil]			5-9
Halictidae	Sphecodes		clematidis	[Soil]			5-10
Halictidae	Sphecodes		confertus	[Soil]			3-8
Halictidae	Sphecodes		cressonii	[Soil]			1, 4-9
Halictidae	Sphecodes		davisii	[Soil]			5-10
Halictidae	Sphecodes		dichrous	[Soil]			4-9
Halictidae	Sphecodes		fattigi	[Soil]			4-8
Halictidae	Sphecodes		galerus	[Soil]			4-9
Halictidae	Sphecodes		heraclei	[Soil]			3-11
Halictidae	Sphecodes		illinoisensis				
Halictidae	Sphecodes		mandibularis	[Soil]			5-8
Halictidae	Sphecodes		minor				
Halictidae	Sphecodes		pimpinellae	[Soil]			5-9
Halictidae	Sphecodes		prosporus	[Soil]			5-9
Halictidae	Sphecodes		prostygus				8
Halictidae	Sphecodes		ranunculi	[Soil]			4-7
Halictidae	Sphecodes		shawi				
Halictidae	Sphecodes		solonis	[Soil]			5-8
Halictidae	Sphecodes		stygus	[Soil]			5-8
Megachilidae	Coelioxys	(Synocoelioxys)	alternata	[Cavity]			6-10
Megachilidae	Coelioxys	(Boreocoelioxys)	moesta	[Cavity]			5-9
Megachilidae	Coelioxys	(Boreocoelioxys)	octodentata	[Cavity]			5-10
Megachilidae	Coelioxys	(Boreocoelioxys)	porterae	[Cavity]			6-9
Megachilidae	Coelioxys	(Boreocoelioxys)	rufitarsis	[Cavity]			4-10
Megachilidae	Coelioxys		sayi				
Megachilidae	Coelioxys	(Coelioxys)	sodalis	[Cavity]			4-9
Megachilidae	Heriades	(Neotrypetes)	carinatus	cavity			4-9
Megachilidae	Heriades	(Neotrypetes)	variolosus	Cavity			4-9
Megachilidae	Hoplitis	(Monumetha)	albifrons	vity or stems			5-8
Megachilidae	Hoplitis	(Alcidamea)	pilosifrons	pithy stems			4-7
Megachilidae	Hoplitis	(Alcidamea)	producta	pithy stems			4-7
Megachilidae	Hoplitis	(Monumetha)	spoliata	Cavity			4-8
Megachilidae	Megachile	(Xanthosarus)	addenda	cavity			4-10
Megachilidae	Megachile	(Megachile)	centuncularis	cavity			5-9
Megachilidae	Megachile	(Xanthosarus)	frigida	cavity			6-9
Megachilidae	Megachile	(Xanthosarus)	gemula	cavity			4-8

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Megachilidae	Megachile	(Megachile)	inermis	cavity			6-9
Megachilidae	Megachile	(Xanthosarus)	latimanus	cavity			5-10
Megachilidae	Megachile	(Xanthosarus)	melanophaea	cavity			5-8
Megachilidae	Megachile	(Litomegachile)	mendica	cavity			5-10
Megachilidae	Megachile	(Megachile)	montivaga	cavity			4-9
Megachilidae	Megachile	(Sayapis)	pugnata	cavity	Asteraceae		6-9
Megachilidae	Megachile	(Megachile)	relativa	cavity			5-10
Megachilidae	Megachile	(Eutricharaea)	rotundata	cavity			6-9
Megachilidae	Megachile	(Callomegachile)	sculpturalis	cavity			6-9
Megachilidae	Megachile	(Litomegachile)	texana	cavity			6-8
Megachilidae	Osmia	(Melanosmia)	albiventris	Cavity			5-7
Megachilidae	Osmia	(Melanosmia)	atriventris	Cavity			4-7
Megachilidae	Osmia	(Melanosmia)	bucephala	Cavity			4-6
Megachilidae	Osmia	(Helicosmia)	caerulescens	Cavity			3-8
Megachilidae	Osmia	(Melanosmia)	collinsiae	Cavity			4-6
Megachilidae	Osmia	(Melanosmia)	distincta	Cavity			5-6
Megachilidae	Osmia	(Melanosmia)	felti	Cavity	Ericaceae?	Vaccinium	6
Megachilidae	Osmia		inermis	cavity			
Megachilidae	Osmia	(Melanosmia)	inspergens	Cavity			5-6
Megachilidae	Osmia	(Osmia)	lignaria	Cavity			3-6
Megachilidae	Osmia	(Melanosmia)	proxima	Cavity			5-8
Megachilidae	Osmia	(Melanosmia)	pumila	Cavity			4-7
Megachilidae	Osmia	(Melanosmia)	simillima	Cavity			5-7
Megachilidae	Stelis	(Stelis)	lateralis	[Cavity]	Megachilidae		3-7
Melittidae	Macropis	(Macropis)	nuda	Soil	Primulaceae	Lysimachia	6-8
Melittidae	Macropis	(Macropis)	patellata	Soil	Primulaceae	Lysimachia	6-9
Melittidae	Melitta		melittoides	Soil	Ericaceae	Lyonia?	5-7

Data compiled by John Ascher, American Museum of Natural History, with some additions by Leif Richardson.

List includes some species not yet found in Vermont, but expected to occur here.