



Bedford Audubon BioBlitz 2007  
Wasps, Bees, and Ants  
Unique Listing by Family

				<i>Therion</i>	<i>circumflexum or fuscipennis</i>		x			x	Jacques Dubois
				<i>Trichionotus</i>						x	Jacques Dubois
			SubFamily - Acaenitinae	<i>Coleocentrus</i>	<i>rufus</i>		x				Jacques Dubois
			SubFamily - Campopleginae				x				Jacques Dubois
					<i>sp1</i>					x	Jacques Dubois
			SubFamily - Cryptinae		<i>sp2</i>		x				Jacques Dubois
					<i>sp3</i>					x	Jacques Dubois
					<i>sp4</i>					x	Jacques Dubois
					<i>sp5</i>				x		Jacques Dubois
				<i>Cryptus</i>			x				Olga Calderon
			SubFamily - Diplazontinae	<i>Tymmophorus</i>						x	Jacques Dubois
					<i>sp1</i>		x				Jacques Dubois
					<i>sp2</i>					x	Jacques Dubois
					<i>sp3</i>	x					Jacques Dubois
					<i>sp4</i>					x	Jacques Dubois
					<i>sp5</i>	x			x		Jacques Dubois
			SubFamily - Ichneumoninae		<i>sp6</i>	x					Jacques Dubois
					<i>sp7</i>					x	Jacques Dubois
			SubFamily - Mesochorinae	<i>Mesochorus</i>						x	Jacques Dubois
			SubFamily - Metopiinae	<i>Trieces</i>						x	Jacques Dubois
			SubFamily - Ophioninae	<i>Ophion</i>	<i>bilineatus</i>	x	x		x	x	Jacques Dubois
					<i>sp2</i>		x				Jacques Dubois
					<i>sp3</i>					x	Jacques Dubois
				<i>Clistorapha</i>		x					Jacques Dubois
			SubFamily - Orthocentrinae		<i>sp1</i>					x	Jacques Dubois
					<i>sp2</i>					x	Jacques Dubois
			SubFamily - Pimplinae	<i>Pimpla</i>	<i>pedalis</i>					x	Jacques Dubois
				<i>Theronia</i>	<i>hilaris</i>		x	x			Jacques Dubois
				<i>Dolichomitus</i>	<i>irritator</i>		x		x		Jacques Dubois
			SubFamily - Rhyssinae	<i>Megarhyssa</i>	<i>greenei</i>		x				Jacques Dubois
				<i>Megarhyssa</i>	<i>macrurus</i>					x	Brian Bielfelt
			SubFamily - Trophoninae	<i>Netelia</i>			x		x		Jacques Dubois, Olga Calderon
				<i>Cosmoconus?</i>			x				Jacques Dubois
			SubFamily - Xoridinae	<i>Odontocolon</i>	<i>sp2</i>	x					Jacques Dubois
				<i>Odontocolon</i>	<i>sp1</i>			x			Jacques Dubois
			SubFamily - Ctenopelmatinae	<i>Ctenopelma?</i>				x			Jacques Dubois
					<i>sp2</i>			x			Jacques Dubois
					<i>sp3</i>					x	Jacques Dubois
					<i>sp4</i>					x	Jacques Dubois
			SuperFamily - Chalcidoidea								
			Family - Eupelmidae				x				Brian Bielfelt
			Family - Chalcididae							x	Brian Bielfelt

Bedford Audubon BioBlitz 2007  
Wasps, Bees, and Ants  
Unique Listing by Family

		Family - Torymidae							x	Brian Bielfelt
		Family - Pteromalidae					x		x	Brian Bielfelt
		SuperFamily - Cynipoidea								
		Family - Cynipidae								
		wasp, oak apple gall	<i>Amphibolips</i>	<i>confluenta</i>			x			Carol Gracie, Brian Bielfelt
				<i>sp1</i>					x	Parker Gambino, Brian Bielfelt
		SuperFamily - Proctotrupoidea					x		x	Brian Bielfelt
		Family - Ceraphronidae								
		parasitic larvae on caterpillar collected and reared					x			Chris Johnson
		Family - Diapriidae								
		Sub-Family - Belytinae							x	Brian Bielfelt
		Family - Platygasteridae					x			Brian Bielfelt
		SuperFamily - Scoliioidea								
		Family - Tiphidae							x	Parker Gambino
		Family - Mutillidae								
		velvet ant		<i>sp 1</i>			x		x	Parker Gambino, Louis Sorkin
		Family - Formicidae								
		seed ant	<i>Aphaenogaster</i>	<i>fulva</i>			x	x		Chris Johnson
		seed ant	<i>Aphaenogaster</i>	<i>rudis</i>				x		Chris Johnson
		seed ant	<i>Aphaenogaster</i>	<i>sp3</i>				x		Chris Johnson
		carpenter ant	<i>Camponotus</i>	<i>chromaoides</i>				x		Chris Johnson
		carpenter ant	<i>Camponotus</i>	<i>pennsylvanicus</i>			x	x	x	Chris Johnson
		carpenter ant	<i>Camponotus</i>				x	x		Chris Johnson
		acrobat ant	<i>Crematogaster</i>				x	x		Chris Johnson
		forest ant	<i>Formica</i>	<i>argentea</i>				x	x	Chris Johnson
		ant	<i>Lasius</i>	<i>flavus</i>				x	x	Chris Johnson
		ant	<i>Lasius</i>	<i>nearcticus</i>				x		Chris Johnson
		ant	<i>Myrmica</i>					x		Chris Johnson
		ant	<i>Pheidole</i>				x	x		Chris Johnson
		ant	<i>Ponera</i>	<i>pennsylvanica</i>				x		Chris Johnson
		ant	<i>Tapinoma</i>	<i>sessile</i>				x	x	Chris Johnson
		acorn ant (host species to slave-maker)	<i>Temnothorax</i>	<i>curvispinosus</i>				x		Chris Johnson
		acorn ant slave-maker (social parasite)	<i>Temnothorax</i>	<i>duloticus</i>				x		Chris Johnson
		acorn ant (host species to slave-maker)	<i>Temnothorax</i>	<i>longispinosus</i>				x		Chris Johnson
		pavement ant	<i>Tetramorium</i>					x	x	Louis Sorkin
		SuperFamily - Vespoidea								
		Family - Pompilidae								
		spider wasp		<i>sp1</i>				x	x	Parker Gambino
		spider wasp		<i>sp2</i>					x	Parker Gambino
		Family - Vespidae								
			<i>Ancistrocerus</i>					x		Parker Gambino
		potter wasp	<i>Eumenes</i>	<i>fraternus</i>					x	Parker Gambino

Bedford Audubon BioBlitz 2007  
Wasps, Bees, and Ants  
Unique Listing by Family

				<i>Euodynerus</i>	<i>foraminatus</i>					x	Parker Gambino
				<i>Parancistrocerus</i>	<i>pedestris</i>				x		Parker Gambino
				<i>Parancistrocerus</i>	<i>pensylvanicus</i>				x		Parker Gambino
			Paper Wasp	<i>Polistes</i>	<i>dominulus</i>	x				x	Parker Gambino
			Paper Wasp	<i>Polistes</i>	<i>fuscatus</i>	x	x			x	Parker Gambino
				<i>Symmorphus</i>	<i>canadensis</i>	x				x	Parker Gambino
			Superfamily - Sphecoidea								
			Family - Sphecidae								
				<i>Gorytes</i>	<i>atricornis</i>	x					Parker Gambino
				<i>Sceliphron</i>	<i>caementarium</i>					x	Parker Gambino
				<i>Chalybion</i>	<i>californicum</i>				x		Parker Gambino
				<i>Trypoxylon</i>	<i>frigidum</i>				x		Parker Gambino
			bee wolf	<i>Philanthus</i>	<i>gibbosus</i>					x	Parker Gambino
				<i>Mimumesa</i>	<i>nigra</i>	x					Parker Gambino
				<i>Ammophila</i>						x	Parker Gambino
				<i>Tachysphex</i>						x	Parker Gambino
				<i>Ectemnius</i>	<i>lapidarius</i>	x					Parker Gambino
			SuperFamily - Apoidea								
			Family - Colletidae								
				<i>Colletes</i>	<i>thoracicus</i>					x	Parker Gambino
			Family - Andrenidae								
				<i>Andrena</i>	<i>pruni</i>				x		Parker Gambino
				<i>Andrena</i>	<i>rugosa</i>				x		Parker Gambino
				<i>Andrena</i>	<i>nasonii</i>				x		Parker Gambino
				<i>Andrena</i>	<i>vicina</i>	x	x			x	Parker Gambino
				<i>Andrena</i>	<i>wilkella</i>	x					Parker Gambino
				<i>Andrena</i>	<i>carolina</i>	x					Parker Gambino
				<i>Andrena</i>	<i>imitatrix</i>					x	Parker Gambino
				<i>Andrena</i>	<i>vicina</i>					x	Parker Gambino
			Family - Halictidae								
				<i>Agapostemon</i>	<i>virescens</i>					x	Parker Gambino
				<i>Augochlora</i>	<i>pura</i>	x					Parker Gambino
				<i>Halictus</i>	<i>ligatus</i>				x		Parker Gambino
				<i>Halictus</i>	<i>rubicundus</i>					x	Parker Gambino
				<i>Lasioglossum</i>	<i>cressonii</i>					x	Parker Gambino
				<i>Lasioglossum</i>	<i>coriaceum</i>	x					Parker Gambino
				<i>Lasioglossum</i>	<i>nymphaerum</i>				x		Parker Gambino
				<i>Lasioglossum (Dialictus)</i>	<i>sp 4</i>				x		Parker Gambino
			Family - Megachilidae								
			leafcutter bee	<i>Megachile</i>	<i>addenda</i>					x	Parker Gambino
			leafcutter bee	<i>Osmia</i>	<i>cornifrons</i>	x					Parker Gambino
			leafcutter bee	<i>Osmia</i>	<i>distincta</i>					x	Parker Gambino

Bedford Audubon BioBlitz 2007  
Wasps, Bees, and Ants  
Unique Listing by Family

		carder bee	<i>Anthidium</i>	<i>oblongatum</i>	x					Parker Gambino
		Family - Apidae								
		Honey Bee	<i>Apis</i>	<i>mellifera</i>	x				x	Parker Gambino
			<i>Bombus</i>	<i>bimaculatus</i>		x			x	Parker Gambino
			<i>Bombus</i>	<i>impatiens</i>					x	Parker Gambino
		cuckoo bumble bee	<i>Bombus (Psithyrus)</i>	<i>sp 3</i>		x				Parker Gambino
		small carpenter bee	<i>Ceratina</i>	<i>calcarata or dupla</i>	x					Parker Gambino
		cuckoo bee	<i>Nomada</i>	<i>articulata</i>		x				Parker Gambino
		cuckoo bee	<i>Nomada</i>	<i>luteoides</i>		x				Parker Gambino
		cuckoo bee	<i>Nomada</i>	<i>luteola</i>		x				Parker Gambino
		cuckoo bee	<i>Nomada</i>	<i>maculata</i>	x					Parker Gambino
			<i>Nomada</i>	<i>sp3</i>					x	Parker Gambino
		large carpenter bee	<i>Xylocopa</i>	<i>virginica</i>		x				Parker Gambino