

COUNTRY	STATE	COUNTY	LOCATION	Month	Day	Year	COLLECTOR	DEPOSITORY	SEX	Latitude	Longitude	HABITAT	METHOD & other notes
Canada	British Columbia		Lytton	Aug	3	1955	R. H. Beamer	University of Kansas Natural History Museum					
Canada	Ontario	Elgin	Port Burwell Prov. Pk.	Aug	14	2006	M. Buck	Studied during the 2006-08 Ontario Cereceris Project	3 nests	42°39'02"	80°48'59"	Volleyball court	
Canada	Ontario	Essex	La Salle, Brunet Pk.	July	5	2006	M. Buck	Studied during the 2006-08 Ontario Cereceris Project	13 nests	42°14'26"	83°02'38"	Path on the crest of a hill	
Canada	Ontario	Essex	Windsor, Broadway Pk., Baseball Diamond	July	6	2006	M. Buck	Studied during the 2006-08 Ontario Cereceris Project	145 nests	42°16'17"	83°05'08"	Old baseball diamond	
Canada	Ontario	Essex	Windsor, Broadway Pk., Dirt Track	July	6	2006	M. Buck	Studied during the 2006-08 Ontario Cereceris Project	7 nests	42°16'12"	83°05'04"	Sides of a dirt bike track	
Canada	Ontario	Essex Co.	La Salle, Brunet Pk.	Aug	29	2005	S.M. Palermo	University of Guelph Insect Collection	male				
Canada	Ontario	Essex Co.	Point Pelee Natl. Pk., Old Maintenance Yard	Aug	14	2003	M. Buck	University of Guelph Insect Collection	male	41°56'54"N	082°31'14"W		
Canada	Ontario	Essex Co.	Point Pelee Natl. Pk., Old Maintenance Yard	July	30	2003	M. Buck	University of Guelph Insect Collection	female	41°56'54"N	082°31'14"W		
Canada	Ontario	Essex Co.	Point Pelee Natl. Pk., Old Maintenance Yard	July	30	2003	M. Buck	University of Guelph Insect Collection	female	41°56'54"N	082°31'14"W		
Canada	Ontario	Essex Co.	Point Pelee Natl. Pk., The Tip parking lot	Aug	13	2003	M. Buck	University of Guelph Insect Collection	male	41°56'03"N	082°30'37"W		
Canada	Ontario	Essex Co.	Windsor, Broadway Pk.	July	28-29	2005	S.M. Palermo	University of Guelph Insect Collection	male				
Canada	Ontario	Essex Co.	Windsor, Broadway Pk.	July	30-31	2002	S.M. Palermo	University of Guelph Insect Collection	male	42°15'51"N	083°04'30"W		
Canada	Ontario	Essex Co.	Windsor, Ojibway Prairie	Aug	25	2002	M. Buck	University of Guelph Insect Collection	female	42°15'51"N	083°04'30"W		
Canada	Ontario	Essex Co.	Windsor, Springarden Road ANS)	July	31	2002	M. Buck	University of Guelph Insect Collection	male				
Canada	Ontario	Grenville	Lake Opinicon, Queen's Research Station	Aug	12	2006	M. Buck	Studied during the 2006-08 Ontario Cereceris Project	>30	44°33'59"	76°19'28"	Foot paths	
Canada	Ontario	Hald.-Norfolk Reg.	Delhi T-1	Aug	1	2003	not on label	University of Guelph Insect Collection	male				
Canada	Ontario	Hald.-Norfolk Reg.	Manestar Tract, 6 km NNW St. Williams	July	14	2006	S.M. Palermo	University of Guelph Insect Collection	male	42°42'17"N	080°27'38"W		pan 4, sweet corn-GM
Canada	Ontario	Hald.-Norfolk Reg.	Normandale Fish Culture Stn.	Aug	23	2003	M. Buck	University of Guelph Insect Collection	male	42°43'07"N	080°20'20"W		
Canada	Ontario	Hald.-Norfolk Reg.	Normandale Fish Culture Stn.	Aug	23	2003	M. Buck	University of Guelph Insect Collection	female	42°43'07"N	080°20'20"W		
Canada	Ontario	Hald.-Norfolk Reg.	Normandale Fish Culture Stn.	Aug	23	2003	M. Buck	University of Guelph Insect Collection	male	42°43'07"N	080°20'20"W		
Canada	Ontario	Hald.-Norfolk Reg.	Normandale Fish Culture Stn.	Aug	9	2006	M. Buck	University of Guelph Insect Collection	male	42°43'07"N	080°20'20"W		
Canada	Ontario	Hald.-Norfolk Reg.	Normandale Fish Culture Stn.	Aug	9	2006	M. Buck	University of Guelph Insect Collection	male	42°43'07"N	080°20'20"W		
Canada	Ontario	Hald.-Norfolk Reg.	Normandale Fish Culture Stn. Back Colony	July	24	2006	M. Buck	Studied during the 2006-08 Ontario Cereceris Project	10 nests	42°42'41"	80°20'43"	Dirt road (infrequently used)	
Canada	Ontario	Hald.-Norfolk Reg.	Normandale Fish Culture Stn. Front Colony	July	24	2006	M. Buck	Studied during the 2006-08 Ontario Cereceris Project	49 nests	42°43'07"	80°20'19"	Sandy parking area	
Canada	Ontario	Hald.-Norfolk Reg.	Rock Point Prov. Park Groupcamp Site 3	July	16	2007	M. Buck	Studied during the 2006-08 Ontario Cereceris Project	24 nests	42°51'19"	79°33'23"	Around a groupcamp firepit	
Canada	Ontario	Hald.-Norfolk Reg.	Turkey Point Tract at Reg. Rd. 10	Aug	17	2003	M. Buck	University of Guelph Insect Collection	female	42°42'02"N	080°20'17"W		
Canada	Ontario	Hald.-Norfolk Reg.	Turkey Point Tract at Reg. Rd. 10	Aug	17	2003	M. Buck	University of Guelph Insect Collection	female	42°42'02"N	080°20'17"W		
Canada	Ontario	Hald.-Norfolk Reg.	Turkey Point Tract at Reg. Rd. 10	Aug	17	2003	M. Buck	University of Guelph Insect Collection	female	42°42'02"N	080°20'17"W		
Canada	Ontario	Hald.-Norfolk Reg.	Windsor, Ojibway Prairie	Aug	17	2003	M. Buck	University of Guelph Insect Collection	female	42°42'02"N	080°20'17"W		
Canada	Ontario	Halter	Bronte Creek Prov. Park Ball Diamond	July	16	2006	M. Buck	Studied during the 2006-08 Ontario Cereceris Project	488 nests	43°24'37"	79°46'17"	Ball diamond (infrequently used)	
Canada	Ontario	Halter	Milton, Woodland Trails Camp, 6th Line Nassagaweya	July	11	2006	M. Buck	Studied during the 2006-08 Ontario Cereceris Project	105 nests	43°33'04"	79°59'19"	Around a groupcamp firepit	
Canada	Ontario	Halter Reg.	Milton, Woodland Trails Camp, 6th Line Nassagaweya	Aug	18	2003	S.M. Palermo	University of Guelph Insect Collection	female	43°32'51"N	079°59'35"W		
Canada	Ontario	Halter Reg.	Milton, Woodland Trails Camp, 6th Line Nassagaweya	Aug	18	2003	S.M. Palermo	University of Guelph Insect Collection	female	43°32'51"N	079°59'35"W		
Canada	Ontario	Halter Reg.	Milton, Woodland Trails Camp, 6th Line Nassagaweya	Aug	18	2003	M. Buck	University of Guelph Insect Collection	female	43°32'51"N	079°59'35"W		
Canada	Ontario	Halter Reg.	Milton, Woodland Trails Camp, 6th Line Nassagaweya	Aug	18	2003	M. Buck	University of Guelph Insect Collection	female	43°32'51"N	079°59'35"W		
Canada	Ontario	Halter Reg.	Milton, Woodland Trails Camp, 6th Line Nassagaweya	Aug	18	2003	M. Buck	University of Guelph Insect Collection	female	43°32'51"N	079°59'35"W		
Canada	Ontario	Halter Reg.	Milton, Woodland Trails Camp, 6th Line Nassagaweya	Aug	18	2003	M. Buck	University of Guelph Insect Collection	female	43°32'51"N	079°59'35"W		
Canada	Ontario	Halter Reg.	Milton, Woodland Trails Camp, 6th Line Nassagaweya	Aug	30	2005	S.M. Palermo	University of Guelph Insect Collection	female	43°32'51"N	079°59'35"W		
Canada	Ontario	Kent	Rondeau Prov. Pk., Group Campground	July	14	2006	M. Buck	Studied during the 2006-08 Ontario Cereceris Project	24 nests	42°18'09"	81°50'52"	Around a groupcamp firepit	
Canada	Ontario	Kent	Wheatley Prov. Pk., Old Sewage Lagoon	Aug	10	2006	M. Buck	Studied during the 2006-08 Ontario Cereceris Project	34 nests	42°05'25"	82°27'08"	Dirt road (infrequently used)	
Canada	Ontario	Kent	Wheatley Prov. Pk., Site 146	July	19	2006	M. Buck	Studied during the 2006-08 Ontario Cereceris Project	24 nests	42°05'11"	82°27'00"	Centre of a camp site	
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	20-22	2004	S.A. Marshall	University of Guelph Insect Collection	female	42°17'35"N	081°50'52"W		nesting in hard-packed soil
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	20-22	2004	S.A. Marshall	University of Guelph Insect Collection	female	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	S.M. Palermo	University of Guelph Insect Collection	female	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	S.M. Palermo	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	S.M. Palermo	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11	2005	M. Buck	University of Guelph Insect Collection	male	42°17'35"N	081°50'52"W		
Canada	Ontario	Kent Co.	Rondeau Prov. Pk., Group Campground	July	11								

U.S.A.	Florida	Orange Co.	Orlando, UCF Campus	June 4 1993	University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)			long leaf/sand pine-turkey oak scrub	
U.S.A.	Florida	Orange Co.	Orlando, UCF Campus	June 4 1993	University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)			long leaf/sand pine-turkey oak scrub	
U.S.A.	Florida	Orange Co.	Orlando, UCF Campus	June 1 1993	University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)			long leaf/sand pine-turkey oak scrub	
U.S.A.	Florida	Orange Co.	Orlando, UCF Campus	June 1 1993	University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)			long leaf/sand pine-turkey oak scrub	
U.S.A.	Florida	Orange Co.	Orlando, UCF Campus	June 20 1972	University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)			long leaf/sand pine-turkey oak scrub	
U.S.A.	Florida	Orange Co.	Orlando, UCF Campus	June 27 1996	University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)			long leaf/sand pine-turkey oak scrub	
U.S.A.	Florida	Orange Co.	Orlando, UCF Campus	June 19 1993	University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)			long leaf/sand pine-turkey oak scrub	
U.S.A.	Florida	Orange Co.	Orlando, UCF Campus	June 25 1993	University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)			sand pine-rosemary scrub	
U.S.A.	Florida	Orange Co.	Orlando, UCF Campus	May 26 1991	University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)			long leaf pine-saw palmetto scrub	
U.S.A.	Florida	Orange Co.	Orlando, UCF Campus	May 23 1993	University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)			long leaf/sand pine-turkey oak scrub	
U.S.A.	Florida	Orange Co.	Orlando, UCF Campus	May 17 1993	University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)			long leaf/sand pine-turkey oak scrub	
U.S.A.	Florida	Orange Co.	Orlando, UCF Campus	May 8 1993	University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)			long leaf/sand pine-turkey oak scrub	
U.S.A.	Florida	Orange Co.	Orlando, UCF Campus	May 17 1996	University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)			long leaf/sand pine-turkey oak scrub	
U.S.A.	Florida	Orange Co.	Orlando, UCF Campus	May 17 1993	University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)			sand pine-rosemary scrub	
U.S.A.	Florida	Orange Co.	Orlando, UCF Campus	May 17 1993	University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)			long leaf/sand pine-turkey oak scrub	
U.S.A.	Florida	Orange Co.	Orlando, UCF Campus	May 17 1993	University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)			sand pine-rosemary scrub	
U.S.A.	Florida	Orange Co.	Orlando, UCF Campus	May 10 1991	University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)			sand pine-rosemary scrub	
U.S.A.	Florida	Orange Co.	Orlando, UCF Campus	May 29 1993	University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)			sand pine-rosemary scrub	
U.S.A.	Florida	Orange Co.	Orlando, UCF Campus, arboretum	April 27 2000	University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)		23 36 07"	81 12 01"	
U.S.A.	Florida	Orange Co.	Orlando, UCF Campus, arboretum	April 29 2000	University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)				
U.S.A.	Florida	Orange Co.	Orlando, UCF Campus, arboretum	April 29 2000	University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)				
U.S.A.	Florida	Orange Co.	Orlando, UCF Campus, arboretum	April 29 2000	University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)				
U.S.A.	Florida	Putnam	Welaka	April 20 1955 H.E. & M.A. Evans	University of Cornell	female		sand pine/oak scrub	det by Scullen
U.S.A.	Florida	Putnam	Welaka	May 30 1961 A & H. Dieterich	University of Cornell	female			
U.S.A.	Florida	Sarasota	Myakka River State Park	May 25 1974 S. O. Swadlow	Illinois Natural History Museum		27.2708	-82.2739	
U.S.A.	Florida	Sarasota Co.	Sarasota Co.	May 30 2006 John and Barbara Moerk	photograph posted on bugguide.net				
U.S.A.	Florida	Sarasota Co.	Venice, MCC - Venice	April 14 1997	University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)				long leaf pine-saw palmetto scrub
U.S.A.	Florida	Seminole	Sanford	May 2 1955 H.E. & M.A. Evans	University of Cornell	male			det by Scullen
U.S.A.	Florida	Seminole	Saraland	May 2 1955 H.E. & M.A. Evans	University of Cornell	male			det by Scullen
U.S.A.	Florida	Suwanee	Suwanee Springs	June 16 1955 Price, Beamer, Wood	University of Kansas Natural History Museum				
U.S.A.	Florida	Wakulla	Wakulla	June 30 1952 L.D. Beamer	University of Kansas Natural History Museum				
U.S.A.	Florida	St. Lucie	Fort Pierce		United States National Museum (Smithsonian)				
U.S.A.	Florida	Highlands	Lake Placid		United States National Museum (Smithsonian)				
U.S.A.	Florida	Miami	Miami	April 8 1937	University of Minnesota Insect Collection				
U.S.A.	Florida				United States National Museum (Smithsonian)				
U.S.A.	Georgia	Bartow Co.	Stamp Creek	July 5 1983	Florida State Collection of Arthropods	female			
U.S.A.	Georgia	Bartow Co.	Stamp Creek, nr Weem's property	June 29 1985	Florida State Collection of Arthropods	female			
U.S.A.	Georgia	Camden	Kingsland	Sept 9 1931 Bradley & Knorr	University of Cornell	female			det by Scullen
U.S.A.	Georgia	Charleston	Okefenokee Swamp, Billy Island	July 26 1943 E. G. Wiegenek	University of Cornell	male			det by Scullen
U.S.A.	Georgia	Charleston	Okefenokee Swamp	July 26 1943 E. G. Wiegenek	University of Cornell	male			
U.S.A.	Georgia	Clarke	Clarke	June 12 1928 Richards	University of Cornell	male			det by Scullen
U.S.A.	Georgia	Clarke	Clarke	June 15 1928 Richards	University of Cornell	male			det by Scullen
U.S.A.	Georgia	Cobb	Cobb	July 7 1904	University of Cornell	male			
U.S.A.	Georgia	Coweta	MacCollum	June 8 1917 Bequest	University of Cornell	male			det by Scullen
U.S.A.	Georgia	Decatur	Spring Creek	Aug 9 21 1931 Bradley & Knorr	University of Cornell	female			det by Scullen
U.S.A.	Georgia	Decatur	Spring Creek	July 16 29 1912 j.c. Bradley	University of Cornell	female			det by Scullen
U.S.A.	Georgia	Decatur	Spring Creek	May 18 21 1916 j.c. Bradley	University of Cornell	female			det by Scullen
U.S.A.	Georgia	Habersham & Rabun	Talulah Falls	June 9 1925 j.c. Bradley	University of Cornell	male			det by Scullen
U.S.A.	Georgia	Lerford	Cannocha River	July 29 1913 j.c. Bradley	University of Cornell	male			det by Scullen
U.S.A.	Georgia	Tiway Co.	Tarverville	July 27 1986	Florida State Collection of Arthropods	male			
U.S.A.	Georgia	Fulton	Fulton	Aug 8 1929	Florida State Collection of Arthropods	female			
U.S.A.	Georgia	Fulton	Fulton		United States National Museum (Smithsonian)				
U.S.A.	Georgia	Union	Blood Mt.		United States National Museum (Smithsonian)				
U.S.A.	Georgia	Paulding	Paulding		United States National Museum (Smithsonian)				
U.S.A.	Georgia	DeKalb	Emory University	May 31 1946	Florida State Collection of Arthropods	male			
U.S.A.	Georgia	Dade	Head River	July 23 1936 P.W. Fattig	Chicago Field Museum				
U.S.A.	Georgia	Dade	Head River		United States National Museum (Smithsonian)				
U.S.A.	Georgia	DeKalb	DeKalb Mt.	June 18 1930 P.W. Fattig	Chicago Field Museum				
U.S.A.	Georgia	DeKalb	DeKalb		United States National Museum (Smithsonian)				
U.S.A.	Georgia				United States National Museum (Smithsonian)				
U.S.A.	Illinois	Cook Co.	Skokie, Balaban backyard	July 19 2006 John and Jane Balaban	United States National Museum (Smithsonian)				
U.S.A.	Illinois	Edgar	4 mi S Kansas	July 16 1980 E. Mileczky	Illinois Natural History Museum		39.5054	-87.9376	
U.S.A.	Illinois	Ethningham	1.2 mi SW Mason, Rt. 37	Aug 17 1995 D. Yanega	Illinois Natural History Museum		38.9384	-88.639	
U.S.A.	Illinois	Kankakee	5 mi E Kankakee	Aug 19 1966 LaBerge, Ribble	Illinois Natural History Museum		41.1209	-87.7518	
U.S.A.	Illinois	Macoupin	Carlinville	Aug 13 1897 C. Robertson	Illinois Natural History Museum	male	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	Aug 9 1886	Illinois Natural History Museum	female	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	Aug 5 1897 C. Robertson	Illinois Natural History Museum	female	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	Aug 6 1897 C. Robertson	Illinois Natural History Museum	male	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	Aug 6 1897 C. Robertson	Illinois Natural History Museum	male	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	Aug 5 1897 C. Robertson	Illinois Natural History Museum	female	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	Aug 5 1897 C. Robertson	Illinois Natural History Museum	male	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	Aug 6 1897 C. Robertson	Illinois Natural History Museum	male	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	Aug 2 1887 C. Robertson	Illinois Natural History Museum	male	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	July 31 1891 C. Robertson	Illinois Natural History Museum	female	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	July 29 1897 C. Robertson	Illinois Natural History Museum	female	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	July 20 1887	Illinois Natural History Museum	male	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	July 25 1887 C. Robertson	Illinois Natural History Museum	female	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	July 9 1897 C. Robertson	Illinois Natural History Museum	male	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	July 31 1897 C. Robertson	Illinois Natural History Museum	female	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	July 29 1887 C. Robertson	Illinois Natural History Museum	male	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	July 22 1897 C. Robertson	Illinois Natural History Museum	female	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	July 3 1897 C. Robertson	Illinois Natural History Museum	male	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	July 31 1897 C. Robertson	Illinois Natural History Museum	female	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	July 29 1887 C. Robertson	Illinois Natural History Museum	male	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	July 29 1887 C. Robertson	Illinois Natural History Museum	female	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	July 26 1898 C. Robertson	Illinois Natural History Museum	male	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	June 23 1886	Illinois Natural History Museum	male	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	June 26 1887 C. Robertson	Illinois Natural History Museum	male	39.27972	-89.88167	
U.S.A.	Illinois	Macoupin	Carlinville	Sept 20 1887 C. Robertson	Illinois Natural History Museum	female	39.27972	-89.88167	
U.S.A.	Illinois	Mason	Sand Ridge State Forest, 3 mi. SE Forest City	June 16 1977 D.W. Webb	Illinois Natural History Museum	male	40.411	-89.866	
U.S.A.	Illinois	Mason	Sand Ridge State Forest, 3 mi. SE Forest City	June 16 1977 D. W. Webb	Illinois Natural History Museum	male	40.411	-89.866	
U.S.A.	Illinois	Algonquin	Algonquin	Aug 16 1994	Illinois Natural History Museum	male	42.17	-88.29	
U.S.A.	Illinois	McHenry	Algonquin	July 26 1907 Nason	Illinois Natural History Museum	female	42.17	-88.29	
U.S.A.	Illinois	McHenry	Algonquin	July 31 1997	Illinois Natural History Museum	female	42.17	-88.29	
U.S.A.	Illinois	McHenry	Algonquin		Illinois Natural History Museum	female	42.17	-88.29	
U.S.A.	Illinois	McHenry	Algonquin		Illinois Natural History Museum	female	42.17	-88.29	
U.S.A.	Illinois	McLean	Lake Bloomington	July 8 1972 L.L. Pechuman	University of Cornell	male			
U.S.A.	Illinois	Ogle	6 mi ESE Polo	Aug 1 1979 E. Mileczky	Illinois Natural History Museum		41.9426	-89.4769	
U.S.A.	Illinois	Peoria	Peoria, Airport region, McGee Farm	Aug 9 1942 F. F. Hasbrouck	Illinois Natural History Museum	female	40.8617	-89.691	
U.S.A.	Illinois	Piatt	White Heath	July 20 1915	Illinois Natural History Museum	male	40.0634	-88.5351	
U.S.A.	Illinois	Sangamon Co.	Springfield, Washington Park	Sept 20 2001 H.D. Bohlen Coll.	Illinois State Museum				Golden Rod
U.S.A.	Illinois	Sangamon Co.	Springfield, Washington Park	Sept 20 2001 H.D. Bohlen Coll.	Illinois State Museum				
U.S.A.	Illinois	Vermilion	5 mi SE Westville	Aug 29 1980 E. Mileczky	Illinois Natural History Museum		40.0117	-87.5653	
U.S.A.	Illinois	Vermilion	Oakwood	Aug 2 1963 T. H. F.	Illinois Natural History Museum		40.11611	-87.77833	
U.S.A.	Illinois	Vermilion	Oakwood	June 21 1925 A. S. B.	Illinois Natural History Museum	male	40.11611	-87.77833	

U.S.A.	Maryland	Prince Georges Co.	Beltsville	United States National Museum (Smithsonian)
U.S.A.	Maryland	Prince Georges Co.	Beltsville	United States National Museum (Smithsonian)
U.S.A.	Maryland	Prince Georges Co.	Beltsville	United States National Museum (Smithsonian)
U.S.A.	Maryland	Prince Georges Co.	Beltsville	United States National Museum (Smithsonian)
U.S.A.	Maryland	Prince Georges Co.	Beltsville	United States National Museum (Smithsonian)
U.S.A.	Maryland	Prince Georges Co.	Beltsville	United States National Museum (Smithsonian)
U.S.A.	Maryland	Prince Georges Co.	Beltsville	United States National Museum (Smithsonian)
U.S.A.	Maryland	Prince Georges Co.	Beltsville	United States National Museum (Smithsonian)
U.S.A.	Maryland	Prince Georges Co.	Beltsville	United States National Museum (Smithsonian)
U.S.A.	Maryland	Prince Georges Co.	Beltsville	United States National Museum (Smithsonian)
U.S.A.	Maryland	Prince Georges Co.	Indian Head	United States National Museum (Smithsonian)
U.S.A.	Maryland	Charles	Indian Head	United States National Museum (Smithsonian)
U.S.A.	Maryland	Charles	Indian Head	United States National Museum (Smithsonian)
U.S.A.	Maryland	Charles	Indian Head	United States National Museum (Smithsonian)
U.S.A.	Maryland	Montgomery	Plummer's Isl.	United States National Museum (Smithsonian)
U.S.A.	Maryland	Montgomery	Plummer's Isl.	United States National Museum (Smithsonian)
U.S.A.	Maryland	Montgomery	Plummer's Isl.	United States National Museum (Smithsonian)
U.S.A.	Maryland	Montgomery	Plummer's Isl.	United States National Museum (Smithsonian)
U.S.A.	Maryland	Montgomery	Plummer's Isl.	United States National Museum (Smithsonian)
U.S.A.	Maryland	Montgomery	Plummer's Isl.	United States National Museum (Smithsonian)
U.S.A.	Massachusetts	Charles	Smallwood State Park	University of Guelph Insect Collection
U.S.A.	Massachusetts	Middlesex	Bedford/Shawheen Road, xenic area	Illinois Natural History Museum
U.S.A.	Massachusetts	Middlesex	Walham	University of Cornell
U.S.A.	Massachusetts	Middlesex Co.	Concord	photograph posted on bugguide.net
U.S.A.	Massachusetts	Middlesex	Round Hills, Sudbury, Lincoln Rd	Video online
U.S.A.	Massachusetts	Middlesex	Thoreau's Birth House, Concord, Virginia Rd	Video online
U.S.A.	Massachusetts	Middlesex	Foss Farm, Carlisle	Video online
U.S.A.	Massachusetts	Middlesex	Concord Water Treatment Plant, Concord	Video online
U.S.A.	Massachusetts	Norfolk	Blue Hills Res	University of Cornell
U.S.A.	Massachusetts	Norfolk	Blue Hills Res	Bequest
U.S.A.	Massachusetts	Suffolk	Stony Brook Res	University of Cornell
U.S.A.	Massachusetts	Worcester Co.	Arlot	photograph posted on bugguide.net
U.S.A.	Massachusetts	Worcester Co.	Haverd	photograph posted on bugguide.net
U.S.A.	Massachusetts	Middlesex	Cambridge	United States National Museum (Smithsonian)
U.S.A.	Massachusetts	Middlesex	Cambridge	United States National Museum (Smithsonian)
U.S.A.	Massachusetts	Middlesex	Cambridge	United States National Museum (Smithsonian)
U.S.A.	Massachusetts	Middlesex	Cambridge	United States National Museum (Smithsonian)
U.S.A.	Massachusetts	Hampshire	Cummingtown	Aug 31 1947
U.S.A.	Massachusetts	Suffolk	Forest Hills	Bequest
U.S.A.	Massachusetts	Suffolk	Forest Hills	Bequest
U.S.A.	Massachusetts	Suffolk	Forest Hills	University of Cornell
U.S.A.	Massachusetts	Suffolk	Forest Hills	Bequest
U.S.A.	Massachusetts	Suffolk	Forest Hills	Bequest
U.S.A.	Massachusetts	Suffolk	Forest Hills	University of Cornell
U.S.A.	Massachusetts	Essex	Lynn	Aug 1908
U.S.A.	Massachusetts	Norfolk	Milton	Aug 18 2004 Tom Murray
U.S.A.	Massachusetts	Worcester Co.	Winchendon	Aug 10 1938 H. Pratt
U.S.A.	Massachusetts	Barnstable	Woods Hole	United States National Museum (Smithsonian)
U.S.A.	Massachusetts	Barnstable	Woods Hole	United States National Museum (Smithsonian)
U.S.A.	Massachusetts	Barnstable	Woods Hole	United States National Museum (Smithsonian)
U.S.A.	Massachusetts	Barnstable	Woods Hole	United States National Museum (Smithsonian)
U.S.A.	Massachusetts	Barnstable	Woods Hole	United States National Museum (Smithsonian)
U.S.A.	Massachusetts	Barnstable	Woods Hole	United States National Museum (Smithsonian)
U.S.A.	Massachusetts	Barnstable	Woods Hole	United States National Museum (Smithsonian)
U.S.A.	Massachusetts	Barnstable	Woods Hole	United States National Museum (Smithsonian)
U.S.A.	Massachusetts	Barnstable	Woods Hole	United States National Museum (Smithsonian)
U.S.A.	Massachusetts	Barnstable	Woods Hole	United States National Museum (Smithsonian)
U.S.A.	Massachusetts	Barnstable	Woods Hole	United States National Museum (Smithsonian)
U.S.A.	Massachusetts	Barnstable	Woods Hole	University of Guelph Insect Collection
U.S.A.	Massachusetts	Barnstable	Woods Hole	University of Guelph Insect Collection
U.S.A.	Massachusetts	Barnstable	Woods Hole	female
U.S.A.	Massachusetts	Barnstable	Woods Hole	female
U.S.A.	Michigan	Alegan	Alegan State Forest	July 26 1987 R.W. Matthews
U.S.A.	Michigan	Clinton	Bain	July 2 1950 R.L. Fischer
U.S.A.	Michigan	Genesee		July 18 1938 R.R. Dreisbach
U.S.A.	Michigan	Genesee		July 18 1938 R.R. Dreisbach
U.S.A.	Michigan	Genesee		July 16 1950 R.R. Dreisbach
U.S.A.	Michigan	Ingham	East Lansing	Aug 9 1941 H.E.Millron
U.S.A.	Michigan	Ingham	East Lansing	July 26 1941
U.S.A.	Michigan	Ingham	East Lansing	July 27 1945 C. Sabrosky
U.S.A.	Michigan	Ingham	East Lansing	July 27 1945 C. Sabrosky
U.S.A.	Michigan	Ingham	East Lansing	July 10 1941
U.S.A.	Michigan	Ingham	East Lansing	July 10 1941
U.S.A.	Michigan	Ingham	East Lansing	July 21 1941 H.E.Millron
U.S.A.	Michigan	Ingham	East Lansing	July 21 1941 H.E.Millron
U.S.A.	Michigan	Ingham	East Lansing	July 3 1975 Marvin Goad
U.S.A.	Michigan	Kalamazoo	Gull Lake Biological Station	July 19 1960 R.L. Fischer
U.S.A.	Michigan	Kalamazoo	Gull Lake Biological Station	July 10 1963 R.L. Fischer
U.S.A.	Michigan	Kalamazoo	Gull Lake Biological Station	July 30 1963 R.L. Fischer
U.S.A.	Michigan	Kalamazoo	Gull Lake Biological Station	July 13 1973 R.L. Fischer
U.S.A.	Michigan	Kalamazoo	Gull Lake Biological Station	July 28 1960 W.K. Kellogg
U.S.A.	Michigan	Kalamazoo	Gull Lake Biological Station	June 28 1963 R.L. Fischer
U.S.A.	Michigan	Kent	Alto	July 24 1941
U.S.A.	Michigan	Lenawee	Onsted	June 17 1963 R.L. Fischer
U.S.A.	Michigan	Manistee		July 27 1942 R.R. Dreisbach
U.S.A.	Michigan	Manistee		July 6 1956 R.R. Dreisbach
U.S.A.	Michigan	Mecosta	Mecosta	July 26 1955 R.R. Dreisbach
U.S.A.	Michigan	Menominee	Menominee	Aug 1 1941 R.R. Dreisbach
U.S.A.	Michigan	Midland	Midland	Aug 28 1942 R.R. Dreisbach
U.S.A.	Michigan	Midland	Midland	July 19 1940 R.R. Dreisbach
U.S.A.	Michigan	Midland	Midland	July 26 1955 R.R. Dreisbach
U.S.A.	Michigan	Midland Co.	Midland Co.	June 25 1944
U.S.A.	Michigan	Muskegon	Muskegon	July 6 1962 R.R. Dreisbach
U.S.A.	Michigan	Oakland	Union Lake	July 16 1976 J.A. Kelly
U.S.A.	Michigan	Oceana	Pentwater	July 10 1940 C. Sabrosky
U.S.A.	Michigan	Oceola		July 23 1942 R.R. Dreisbach
U.S.A.	Michigan	Roscommon		July 5 1943 R.R. Dreisbach
U.S.A.	Michigan	Van Buren		Aug 20 1975 R.L. Fischer
U.S.A.	Michigan	Washtenaw		July 17 1958 R.L. Fischer
U.S.A.	Michigan	Wayne Co.	Trenton	Aug 26 2007 Craven
U.S.A.	Michigan	Ann Arbor	Ann Arbor	Aug 10 1924 E. G. Anderson
U.S.A.	Michigan	Dexter	Dexter	July 3 1923 E. G. Anderson
U.S.A.	Michigan	Dexter	Dexter	July 19 1923 E. G. Anderson
U.S.A.	Michigan	Dexter	Dexter	Sept 18 1924 E. G. Anderson
U.S.A.	Michigan	Dexter	Dexter	Sept 18 1924 E. G. Anderson
U.S.A.	Michigan	Dexter	Dexter	Sept 18 1924 E. G. Anderson
U.S.A.	Michigan	Dexter	Dexter	Sept 23 1924 E. G. Anderson
U.S.A.	Michigan	Dexter	Dexter	female
U.S.A.	Michigan	Dexter	Dexter	male
U.S.A.	Michigan	Dexter	Dexter	female
U.S.A.	Michigan	Dexter	Dexter	female
U.S.A.	Michigan	Dexter	Dexter	male
U.S.A.	Michigan	Dexter	Dexter	male
U.S.A.	Michigan	Dexter	Dexter	female
U.S.A.	Minnesota	Hennepin Co.		July 12 1937 D. Murray
U.S.A.	Minnesota	Kitson Co.		Aug 12 1939 A.W. Busby
U.S.A.	Minnesota	Ramsey Co.	University Farm	July 3 1922 C.E. Mickel
U.S.A.	Minnesota	Steele Co.		July 29 1936 S.S. Easter

U.S.A.	Minnesota	Washington Co.		July 19 1936	Don Murray	University of Minnesota Insect Collection			
U.S.A.	Minnesota	Fort Snelling		Aug 13 1924	R.W. Dawson	University of Minnesota Insect Collection			
U.S.A.	Minnesota	Itasca Park		July 1 1936		University of Minnesota Insect Collection			
U.S.A.	Minnesota	Itasca State Park		July 16 1958	L.R. Abra	University of Minnesota Insect Collection			
U.S.A.	Minnesota	Itasca State Park		July 16 1956	L.R. Abra	University of Minnesota Insect Collection			
U.S.A.	Minnesota	Itasca State Park		July 16 1956	L.R. Abra	University of Minnesota Insect Collection			
U.S.A.	Minnesota	Lake City		July 8 1921	A.A. Nichol	University of Minnesota Insect Collection			
U.S.A.	Minnesota	Ortonville		Aug 5 1935	D.G. Denning	University of Minnesota Insect Collection			
U.S.A.	Minnesota	Owatonna		Aug 8 1938	W. Johnson	University of Minnesota Insect Collection			
U.S.A.	Minnesota	Rochester		Aug 23 1936	C.E. Kieck	University of Minnesota Insect Collection			
U.S.A.	Minnesota	St Anthony Park		July 4 1921	Wm. E. Hoffman	University of Minnesota Insect Collection			
U.S.A.	Minnesota	St Paul Univ. Golf Club		July 14 1921		University of Minnesota Insect Collection			
U.S.A.	Minnesota			Aug 1 1926	James E Hill	University of Minnesota Insect Collection			
U.S.A.	Minnesota			June 27 1910		University of Minnesota Insect Collection			
U.S.A.	Missouri	Boone	Columbia	June 24 1960	coll: W. R. Enns	University of Missouri		male	
U.S.A.	Missouri	Boone	Columbia, Cappen Park; sweeping grass	Oct 7 2003	coll: O. Pinzon	University of Missouri		female	
U.S.A.	Missouri	Boone	Columbia, Twin Lake	Sept 5 1993	coll: W. Liu	University of Missouri		male	
U.S.A.	Missouri	Christian & Greene	Springfield	July 16 1912	h.h. Knight	University of Cornell		male	det by Soullien
U.S.A.	Missouri	Christian & Greene	Springfield	July 16 1912	h.h. Knight	University of Cornell		male	det by Soullien
U.S.A.	Missouri	Christian & Greene	Springfield	July 16 1912	h.h. Knight	University of Cornell		male	det by Soullien
U.S.A.	Missouri	Christian & Greene	Springfield	July 16 1912	h.h. Knight	University of Cornell		male	det by Soullien
U.S.A.	Missouri		11 mi W of Callao			United States National Museum (Smithsonian)			
U.S.A.	Missouri		6 mi. E. Van Buren	June 15 1957	Enns & Wood	University of Missouri		male	
U.S.A.	Missouri		Louisiana	July 3 1965	W. S. Craig	University of Missouri		female	
U.S.A.	Missouri		New Franklin	June 25 1970	W. S. Craig	University of Missouri		female	
U.S.A.	Missouri		New Hartford	June 24 1939	W. S. Craig	University of Missouri		female	
U.S.A.	Missouri		Sikeston	June 20 1957	F. E. Wood	University of Missouri		male	
U.S.A.	Missouri		St. Louis ; burrowing in ground	Aug 31 1926	L. Hulbert	University of Missouri		female	
U.S.A.	Missouri		St. Louis : USDA traps	July 11 1938	(unknown)	University of Missouri		female	
U.S.A.	Missouri		St. Louis : USDA traps	July 12 1938	(unknown)	University of Missouri		male	
U.S.A.	Nebraska	Sarpy Co.	Fontenelle Forest	Aug 17 2007	Loren and Babs Padelford	photograph posted on bugguide.net			
U.S.A.	Nebraska	Sarpy Co.	Fontenelle Forest, Bellevue	Sept 15 2004	Loren and Babs Padelford	photograph posted on bugguide.net			
U.S.A.	Nebraska	Scotts Bluff Co.	8 mi S of Gering	Aug 12 1956		Kansas State University			
U.S.A.	Nebraska	Scotts Bluff Co.	8 mi S of Gering	Aug 12 1956		Kansas State University			
U.S.A.	Nebraska		Butte	June 27 1931	L.T. Williams	University of Minnesota Insect Collection			
U.S.A.	Nebraska		Butte	June 27 1931	L.T. Williams	University of Minnesota Insect Collection			
U.S.A.	Nebraska		Louisville	July 5 1915	E. G. Anderson	University of Missouri		male	
U.S.A.	Nebraska		Melrose			United States National Museum (Smithsonian)			
U.S.A.	Nebraska		Omaha	July 8 1914	L. T. Williams	University of Missouri		female	
U.S.A.	Nebraska		Omaha	July 8 1914	L. T. Williams	University of Minnesota Insect Collection			
U.S.A.	Nebraska		South Bend	July 10 1913	R. W. Dawson, Collector	University of Missouri		female	
U.S.A.	Nebraska		South Bend	July 2 1915	E. G. Anderson	University of Missouri		male	
U.S.A.	Nebraska		South Bend	July 2 1917	E.G. Anderson	University of Minnesota Insect Collection			
U.S.A.	New Hampshire	Belknap	Meredith	July 15 1960	r.a. Morse	University of Cornell		male	
U.S.A.	New Hampshire	Belknap	Meredith Ctr	July 20 1957	r.a. Morse	University of Cornell		male	det by Soullien
U.S.A.	New Hampshire	Merrimack Co.	Concord	Aug 23 1901	W.F. Fiske	University of New Hampshire			insects from sumac
U.S.A.	New Hampshire	Rockingham Co.	Hampton	July 30 1933	S.A. Shaw	University of New Hampshire			
U.S.A.	New Hampshire		Concord			United States National Museum (Smithsonian)			
U.S.A.	New Jersey	Alpine		Aug 19 1924	Bequert	University of Cornell		male	det by Soullien
U.S.A.	New Jersey	Atsion, Burlington Co.				United States National Museum (Smithsonian)			
U.S.A.	New Jersey	Atsion, Burlington Co.				United States National Museum (Smithsonian)			
U.S.A.	New Jersey	Atsion, Burlington Co.				United States National Museum (Smithsonian)			
U.S.A.	New Jersey	Atsion, Burlington Co.				United States National Museum (Smithsonian)			
U.S.A.	New Jersey	Atsion, Burlington Co.				United States National Museum (Smithsonian)			
U.S.A.	New Jersey	Atsion, Burlington Co.				United States National Museum (Smithsonian)			
U.S.A.	New Jersey	Bergen	Ramsey	July 1 1936	E.J. Garberg	University of Cornell		male	
U.S.A.	New Jersey	Burlington	Lebanon State Forest	Aug 19 1958	Evans & Beneway	University of Cornell		female	det by Soullien
U.S.A.	New Jersey	Burlington	Lebanon State Forest	Aug 19 1958	Evans & Beneway	University of Cornell		male	det by Soullien
U.S.A.	New Jersey	Burlington	Lebanon State Forest	Aug 19 1958	Evans & Beneway	University of Cornell		female	det by Soullien
U.S.A.	New Jersey	Burlington	Lebanon State Forest	Aug 19 1958	Evans & Beneway	University of Cornell		female	det by Soullien
U.S.A.	New Jersey	Burlington	Medford Lakes	July-Aug	V.S.L. Pate	University of Cornell		male	det by Soullien
U.S.A.	New Jersey	Burlington	Medford Lakes	July-Aug	V.S.L. Pate	University of Cornell		male	det by Soullien
U.S.A.	New Jersey	Burlington	Medford Lakes	July-Aug	V.S.L. Pate	University of Cornell		male	det by Soullien
U.S.A.	New Jersey	Burlington	Medford Lakes	July-Aug	V.S.L. Pate	University of Cornell		male	det by Soullien
U.S.A.	New Jersey	Camden	Lucaston	Sept 10 1909		University of Cornell		male	det by Soullien
U.S.A.	New Jersey	Camden				United States National Museum (Smithsonian)			
U.S.A.	New Jersey	Ocean	3.8km W Whiting			United States National Museum (Smithsonian)			
U.S.A.	New Jersey	Ocean	Lakehurst	July 21 1917	e.m.Scott	University of Cornell		male	det by Soullien
U.S.A.	New Jersey	Ocean	Lakehurst	Sept 1912	w.l. Davis	University of Cornell		male	det by Soullien
U.S.A.	New Jersey	Ocean	Lakehurst			Illinois Natural History Museum			40.01306 -74.32028
U.S.A.	New Jersey	Ocean	Lakehurst, Wrangle Brook Rd.	Aug 30 1956	C.B. Knowlton jr.	University of Cornell		female	det by Soullien
U.S.A.	New Jersey	Ocean	Lakehurst, Wrangle Brook Rd.	Sept 6 1956	C.B. Knowlton jr.	University of Cornell		female	det by Soullien
U.S.A.	New Jersey	Ocean	Whiting			United States National Museum (Smithsonian)			
U.S.A.	New Jersey	Ocean	Whiting			United States National Museum (Smithsonian)			
U.S.A.	New Jersey	Ocean Co.	Smi W of Lakewood	Aug 19 1956		Florida State Collection of Arthropods		male	
U.S.A.	New Jersey	Stafford	Manahawton	July 20 1958	d.f. Beneway & H.E. Evans	University of Cornell		male	det by Soullien
U.S.A.	New Jersey	Union Co.	Westfield	Aug 11 1956		Florida State Collection of Arthropods		male	
U.S.A.	New Jersey		Bamber	Aug 11 1907		Sven-Erik's collection		female	
U.S.A.	New Jersey		Belleplain	Sept 8 1902		Sven-Erik's collection		female	
U.S.A.	New Jersey		Belleplain	Sept 8 1902		Sven-Erik's collection		female	
U.S.A.	New Jersey		Browns Mills			United States National Museum (Smithsonian)			
U.S.A.	New Jersey		Chatsworth			United States National Museum (Smithsonian)			
U.S.A.	New Jersey		Chatsworth			United States National Museum (Smithsonian)			
U.S.A.	New Jersey		DeCosta	July 19 1903		Sven-Erik's collection		female	
U.S.A.	New Jersey		Farmingdale	July 14 1897	H. Vireck	Chicago Field Museum			
U.S.A.	New Jersey		North Woodbury			United States National Museum (Smithsonian)			
U.S.A.	New Jersey		Princeton			United States National Museum (Smithsonian)			
U.S.A.	New Jersey		Princeton			United States National Museum (Smithsonian)			
U.S.A.	New Jersey		Princeton			United States National Museum (Smithsonian)			
U.S.A.	New Jersey		Princeton			United States National Museum (Smithsonian)			
U.S.A.	New Jersey		Princeton			United States National Museum (Smithsonian)			
U.S.A.	New Jersey		Riverton			United States National Museum (Smithsonian)			
U.S.A.	New Jersey		Riverton			United States National Museum (Smithsonian)			
U.S.A.	New Jersey		Winslow			Sven-Erik's collection		male	
U.S.A.	New Mexico	Eddy	Malaga	Aug 24 1903		University of Kansas Natural History Museum			
U.S.A.	New York	Albany	Pinebush	June 15 1983	J.C. Allen	University of Cornell		male	42.42.45 75.52.53
U.S.A.	New York	Albany	Pinebush, 100m	June 15 1983	J.C. Allen	University of Cornell		male	42.42.45 75.52.53
U.S.A.	New York	Albany Co.	Pine Bush	July 29 1984	T. McCabe	New York State Museum			42.42.45 73.52.53
U.S.A.	New York	Albany Co.	Pine Bush	July 5 1986	T. McCabe	New York State Museum			42.43.05 73.52.16
U.S.A.	New York	Bronx Co.	Van Cortlandt Park	Aug 12 1974		Florida State Collection of Arthropods		male	
U.S.A.	New York	Bronx Co.	Van Cortlandt Park	Aug 18 1967	T. Hiavac	Michigan State University			
U.S.A.	New York	Bronx Co.	Van Cortlandt Park	June 18 1968	T. Hiavac	Michigan State University			
U.S.A.	New York	Cayuga Co.	Auburn	Aug 4 1970	F.E. Kurzewski	State University of New York			
U.S.A.	New York	Delaware	Tompkins			P. Misceo		male	
U.S.A.	New York	New York Co.	Central Park	July 3 2006	Lloyd Spitalnik	photograph posted on bugguide.net			
U.S.A.	New York	Orange	Fi Montgomery	July 26 1924	F.M. Shott	Michigan State University			

U.S.A.	New York	Rockland	West Nyack	July	11	1920	Bequest	University of Cornell	male			det by Scullen
U.S.A.	New York	Suffolk	Greenport	Oct	2	1946	Roy Latham	University of Cornell	female			
U.S.A.	New York	Suffolk	Moriah	June	12	1953	Roy Latham	University of Cornell	female			
U.S.A.	New York	Suffolk	Orient	July	15	1949	Roy Latham	University of Cornell	male			
U.S.A.	New York	Suffolk	Orient	July	10	1922		University of Cornell	female			det by Scullen
U.S.A.	New York	Suffolk	Orient	Sept	21	1950	Roy Latham	University of Cornell	female			det by Scullen
U.S.A.	New York	Suffolk	Orient	Sept	1	1954	Roy Latham	University of Cornell	male			det by Scullen
U.S.A.	New York	Suffolk	Sag Harbor	Sept	18	1944	Roy Latham	University of Cornell	male			
U.S.A.	New York	Suffolk	Sag Harbor	Sept	7	1946	Roy Latham	University of Cornell	female			
U.S.A.	New York	Suffolk	Wading River	July	5	1914	g.p. Engelhardt	University of Cornell	female			det by Scullen
U.S.A.	New York	Suffolk	Wading River	July	25	1914	g.p. Engelhardt	University of Cornell	male			det by Scullen
U.S.A.	New York	Suffolk	Wading River	July	5	1914	g.p. Engelhardt	University of Cornell	male			det by Scullen
U.S.A.	New York	Suffolk	Wyandanch	Aug	22	1915	F.M. Schott	University of Cornell	female			det by Scullen
U.S.A.	New York	Suffolk	Wyandanch	Aug	30	1915	F.M. Schott	University of Cornell	female			det by Scullen
U.S.A.	New York	Suffolk	Wyandanch	Sept	14	1913	F.M. Schott	University of Cornell	female			det by Scullen
U.S.A.	New York	Suffolk	Wyandanch	Sept	14	1913		University of Cornell	female			det by Scullen
U.S.A.	New York	Suffolk	Wyandanch	Sept	14	1913		University of Cornell	female			det by Scullen
U.S.A.	New York	Suffolk	Wyandanch	Sept	14	1913		University of Cornell	female			det by Scullen
U.S.A.	New York	Westchester	Yonkers, Nepera Park	July	31	1934		University of Cornell	female			det by Scullen
U.S.A.	New York	Westchester	Yonkers, Nepera Park	July	21	1934		University of Cornell	male			
U.S.A.	New York		Albany			1899		New York State Museum				
U.S.A.	New York		Brewster					United States National Museum (Smithsonian)				
U.S.A.	New York		Callicoon					United States National Museum (Smithsonian)				
U.S.A.	New York		Long Island					United States National Museum (Smithsonian)				
U.S.A.	New York		Rennville [sic]					United States National Museum (Smithsonian)				
U.S.A.	New York		Rennville [sic]					United States National Museum (Smithsonian)				
U.S.A.	New York		Saukirk					United States National Museum (Smithsonian)				
U.S.A.	New York							United States National Museum (Smithsonian)				
U.S.A.	North Carolina	Cumberland Co.	Fort Bragg	May	31	2004	Lynette Schimming	photograph posted on bugguide.net				
U.S.A.	North Carolina	Dare	Kill Devil Hills					United States National Museum (Smithsonian)				
U.S.A.	North Carolina	Dare	Kill Devil Hills					United States National Museum (Smithsonian)				
U.S.A.	North Carolina	Dare	Kill Devil Hills					United States National Museum (Smithsonian)				
U.S.A.	North Carolina	Dare	Kill Devil Hills					United States National Museum (Smithsonian)				
U.S.A.	North Carolina	Dare	Kill Devil Hills					United States National Museum (Smithsonian)				
U.S.A.	North Carolina	Dare	Kill Devil Hills					United States National Museum (Smithsonian)				
U.S.A.	North Carolina	Gates Co.		Aug	6	1963	B.S. Heming	University of Guelph Insect Collection	female			
U.S.A.	North Carolina	Graham	Tsali Rec. Area, 7 mi NE Stecoah	July	29	1969	J. & L. Donahue	Michigan State University				
U.S.A.	North Carolina	Graham	Tsali Rec. Area, 7 mi NE Stecoah	July	29	1969	J. & L. Donahue	Michigan State University				
U.S.A.	North Carolina	Graham	Tsali Rec. Area, 7 mi NE Stecoah	July	29	1969	J. & L. Donahue	Michigan State University				
U.S.A.	North Carolina	Graham	Tsali Rec. Area, 7 mi NE Stecoah	July	29	1969	J. & L. Donahue	Michigan State University				
U.S.A.	North Carolina	Graham	Tsali Rec. Area, 7 mi NE Stecoah	July	29	1969	J. & L. Donahue	Michigan State University				
U.S.A.	North Carolina	Graham	Tsali Rec. Area, 7 mi NE Stecoah	July	29	1969	J. & L. Donahue	Michigan State University				
U.S.A.	North Carolina	Graham Co.	Graham City	June	28	1995		Bryson State Collection of Arthropods	female			
U.S.A.	North Carolina	Haywood Co.	Lake Junaluska	July	4	1961		Florida State Collection of Arthropods	male			at Ceanothus americanus
U.S.A.	North Carolina	Haywood Co.	Lake Junaluska	June	23	1949		Florida State Collection of Arthropods	male			
U.S.A.	North Carolina	Haywood Co.	Lake Junaluska	June	30	1961		Florida State Collection of Arthropods	male			at flowers of Ceanothus americanus
U.S.A.	North Carolina	Haywood Co.	Spring Creek on NC 209	Oct	25	1989		Florida State Collection of Arthropods	female			at Soldado soldagris
U.S.A.	North Carolina	Macon Co.	peat bog 4.5mi NE Highlands on Hwy US 64	July	17	1964		Florida State Collection of Arthropods	female			3500-4000 ft
U.S.A.	North Carolina	Moore	Aberdeen	July	17	1955	Price, Beamer, Wood	University of Kansas Natural History Museum				
U.S.A.	North Carolina	Moore	Southern Pines	June			1920 Bequest	University of Cornell	male			det by Scullen
U.S.A.	North Carolina	Moore	Southern Pines					Illinois Natural History Museum				
U.S.A.	North Carolina	New Hanover Co.	Fort Fisher	May	21	2003	S.M. Paiero	University of Guelph Insect Collection	male	35.17389	-79.3925	
U.S.A.	North Carolina	Stratford Co.	1 mi NE Durham	Aug	9	1983	A.T. Eaton	University of New Hampshire		83°57'20"N	077°55'30"W	
U.S.A.	North Carolina	Stratford Co.	1 mi NE Durham	Aug	12	1983	A.T. Eaton	University of New Hampshire				matrise trap
U.S.A.	North Carolina	Transylvania Co.	Pisgah NL	Aug	28	1970		University of Central Florida Collection of Arthropods (data accessed via "Bug Closet" database posted online)				matrise trap
U.S.A.	North Carolina	Tryell		July	17	1949	M.W. Wing	United States National Museum (Smithsonian)	male			
U.S.A.	North Carolina	Wake	Raleigh	June	16	1955		University of Cornell	male			
U.S.A.	North Carolina	Wake Co.		June	16	1955		Florida State Collection of Arthropods	male			
U.S.A.	North Carolina	Wake Co.		Aug	8	1900	W.F. Fiske	United States National Museum (Smithsonian)				
U.S.A.	North Carolina	Durham, Orange or Wake	Durham	July	23	1900	R.A. Cushman	University of New Hampshire				insects from Spirea
U.S.A.	North Carolina	Durham	Durham	July	23	1900	R.A. Cushman	University of New Hampshire				insects from meadowsweet
U.S.A.	North Carolina	Craven	Morton's Mill Pond					United States National Museum (Smithsonian)				
U.S.A.	North Carolina	Burke	Table Rock	July	30	1948	E. P. Meiners	University of Missouri	male			
U.S.A.	North Carolina	Gaston	Tyron	Aug	7	1960	r.a. Morse	United States National Museum (Smithsonian)	female			
U.S.A.	NW		Meredith	Aug	21	1922		University of Cornell	male			
U.S.A.	Ohio			July	11	1944		University of Cornell				
U.S.A.	Ohio	Columbus		July	22	1944		Ohio State University Collection				
U.S.A.	Ohio	Columbus		July	7	1941		Ohio State University Collection				
U.S.A.	Ohio	Franklin Co.		July	25	1942		Ohio State University Collection				
U.S.A.	Ohio	Franklin Co.		June	17	1944		Ohio State University Collection				
U.S.A.	Ohio	Jackson Co.		Sept	2	1941		Ohio State University Collection				
U.S.A.	Ohio	Lawrence Co.		Aug	8	1942		Ohio State University Collection				
U.S.A.	Ohio	Union Co.		July	1	1942		Ohio State University Collection				
U.S.A.	Oklahoma	Grant	Medford	June	16	1941	J.C. Bradley	University of Cornell	female			det by Scullen
U.S.A.	Oklahoma	Kiowa	Snyder, 10 mi. West	May	25	1982	C.D. Michener	University of Kansas Natural History Museum				
U.S.A.	Oklahoma	Logan	Orlando, 3 mi. SW	June	4	1955	E. Ordway, D. Ribble	University of Kansas Natural History Museum				
U.S.A.	Oklahoma	Pawnee	Pawhuska	June	11	1964	W.T. Van Velzen	Michigan State University				
U.S.A.	Pennsylvania	Allegheny Co.	Litbrook Regional Park, ~4 km NW Franklin Park	Aug	8	2008	S.M. Paiero	University of Guelph Insect Collection	female	40.610826	-80.141979	at burrow
U.S.A.	Pennsylvania	Beaver Co.	Bradys Run County Park, ~3 km W New Brighton	Aug	8	2008	S.M. Paiero	University of Guelph Insect Collection	female	40.737677	-80.347547	at burrow
U.S.A.	Pennsylvania	Beaver Co.	Brush Creek County Park, ~1.6 km S Hazen	Aug	8	2008	S.M. Paiero	University of Guelph Insect Collection	female	40.801682	-80.243177	at burrow
U.S.A.	Pennsylvania	Beaver Co.	Walker Park	Aug	8	2008	S.M. Paiero	University of Guelph Insect Collection	female	40.664396	-80.220667	at burrow
U.S.A.	Pennsylvania	Carbon	Lehigh Gap	July	11	1900	H. Vireck	Chicago Field Museum				
U.S.A.	Pennsylvania	Carbon	Lehigh Gap	July	14	1900	H. Vireck	Chicago Field Museum				
U.S.A.	Pennsylvania	Carbon	Lehigh Gap	July	14	1900	H. Vireck	Chicago Field Museum				
U.S.A.	Pennsylvania	Carbon	Lehigh Gap	July	12	1900	H. Vireck	Chicago Field Museum				
U.S.A.	Pennsylvania	Carbon	Lehigh Gap	July	13	1899	H. Vireck	Chicago Field Museum				
U.S.A.	Pennsylvania	Carbon	Leigh Gap					United States National Museum (Smithsonian)				
U.S.A.	Pennsylvania	Carbon	Leigh Gap					United States National Museum (Smithsonian)				
U.S.A.	Pennsylvania	Erle Co.	Lake Erie Community Park, ~24 km WSW Erie	Aug	16	2008	S.M. Paiero	University of Guelph Insect Collection	female	42.027714	-80.34635	at burrow
U.S.A.	Pennsylvania	Fayette Co.	Ohiopyle State Park, Thorpe Knob	July	3	2008	S.M. Paiero	University of Guelph Insect Collection	female	39° 52' 24.5N	79° 30.405W	at burrow
U.S.A.	Pennsylvania	Montour	Danville					United States National Museum (Smithsonian)				lying around ball diamond
U.S.A.	Pennsylvania	Philadelphia	Chestnut Hill				E. Endy	Illinois Natural History Museum		40.07694	-75.20778	
U.S.A.	Pennsylvania	Pike	Milford	Aug	23	1959	R. Angle	Michigan State University				
U.S.A.	Pennsylvania	Washington Co.	Burgetstown, Hillman Memorial Park	Aug	7	2008	S.M. Paiero	University of Guelph Insect Collection	female	40.399634	-80.388141	at burrow
U.S.A.	Pennsylvania		Lehigh Gap	Aug	21	1907		Sven-Erik's collection				
U.S.A.	Pennsylvania		Clarks Val	Aug	21	1907		Sven-Erik's collection				
U.S.A.	Pennsylvania		Clarks Val	Aug	21	1907		Sven-Erik's collection				
U.S.A.	Pennsylvania		Clarks Val	Aug	21	1907		Sven-Erik's collection				
U.S.A.	Pennsylvania		Clarks Val	Aug	21	1907		Sven-Erik's collection				
U.S.A.	Pennsylvania		Clarks Val	Aug	21	1907		Sven-Erik's collection				
U.S.A.	South Carolina	Greenville Co.	Mountain Hill Church on Rt 118	July	9	1977		Florida State Collection of Arthropods	female			
U.S.A.	South Carolina	Horry	Myrtle Beach					United States National Museum (Smithsonian)				
U.S.A.	South Carolina	Greenville Co.	Greenville					United States National Museum (Smithsonian)				
U.S.A.	South Dakota	Fall River	Hot Springs	Aug	4	1940	R.H. Digby	University of Minnesota Insect Collection				
U.S.A.	Tennessee	Anderson	Anderson	July	28	1953	B. Bernish	University of Cornell	male			det by Scullen
U.S.A.	Tennessee	Anderson	Burville	June	28	1953	B. Bernish	University of Cornell	female			det by Scullen
U.S.A.	Tennessee	Chester	Chickasaw St Park	July	10	1978	R.D. Ward	Michigan State University				
U.S.A.	Tennessee	Henderson	Natchez Trace St Park	June	14	1982	R. Loebel	Michigan State University				
U.S.A.	Tennessee	Henderson	Natchez Trace St Park	June	14	1982	R. Loebel	Michigan State University				
U.S.A.	Tennessee	Henderson	Natchez Trace St Park	June	14	1982	R. Loebel	Michigan State University				

N/A
N/A
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1296

Kansas State University
Kansas State University
University of Cornell
University of Cornell

male
male

det by Scullen
det by Scullen