

**2011 SANDY HOOK BIOBLITZ - TERRESTRIAL INVERTEBRATES DATA SHEET (Scientific name)**

Please return this sheet to Home Base (Littoral Society, Building #18) by 2pm on Saturday 17 September 2011

Check each bird species observed within each site

<b>Observer Name(s) &amp; contact info (phone/e-mail):</b>	
<b>Date/Time:</b> Friday 16 Sept: _____ to _____	// Saturday 17 Sept: _____ to _____
<b>Number of search hours (total):</b> _____ hours (Fri) // _____ hours (Sat)	
<b>Number of species observed:</b>	
(FH) Fort Hancock Zone: _____	(NB) North Beach Zone: _____
(HF) Holly Forest Zone: _____	(PI) Plum Island Zone: _____
(HC) Horseshoe Cove Zone: _____	
Other sites within Sandy Hook (location/# species):	

Please List Grid

	Common Name	Scientific Name	FH	HF	HC	NB	PI	OTHER (name site)
Bees	1 Bee	<i>Agapostemon splendens</i>						
	2 Mining Bee	<i>Andrena sp.</i>						
	3 Bee	<i>Apis mellifera</i>						
	4 Halictid Bee	<i>Augochloropsis metallica</i>						
	5 Bee	<i>Ausochlora pura</i>						
	6 Bee	<i>Bombus citrinus</i>						
	7 Bee	<i>Bombus griseocollis</i>						
	8 Bee	<i>Bombus impatiens</i>						
	9 Bee	<i>Cerutina calcarata</i>						
	10 Bee	<i>Halictus ligatus</i>						
	11 Bee	<i>Hylaeus affinis</i>						
	12 Bee	<i>Hylaeus mesillae</i>						
	13 Bee	<i>Hylaeus modestus</i>						
	14 Bee	<i>Lasioglossum marinum</i>						
	15 Bee	<i>Lasioglossum sp.</i>						
	16 Bee	<i>Lasioglossum vierecki</i>						
	17 Bee	<i>Masachile centuncularis</i>						
	18 Bumble Bee	<i>Megabombus pennsylvanicus</i>						
	19 Bee	<i>Mesachile mendica</i>						
	20 Bee	<i>Perdita swenki</i>						
	21 Carpenter Bee	<i>Xylocopa virginica</i>						
Beetles	22 Darkling Beetle	<i>Alabates pennsylvanica</i>						
	23 Leaf Beetle	<i>Calligrapha sp.</i>						
	24 Carabidae Beetle	<i>Catadromus lacordairei</i>						
	25 Spotless Ninespotted Ladybug/Beetle	<i>Coccinella novemnotata</i>						
	26 Woolly Bear Beetle	<i>Isia isabella</i>						
	27 Asiatic Garden Scarab Beetle	<i>Maladera castaneawas</i>						
	28 Carrion Beetle	<i>Nicrophorus marginatus</i>						
	29 Longhorned Beetle	<i>Parandra brunnea</i>						
	30 June Beetle	<i>Phyllophaga sp.</i>						
	31 Common Black Ground Beetle	<i>Pterostichus sp.</i>						
	32 Beetle	<i>Rhipiphorus sp.</i>						
	33 Predaceous Diving Beetle	<i>sp.</i>						

	Common Name	Scientific Name	FH	HF	HC	NB	PI	OTHER (name site)
Bugs	34	Green Stink Bug	<i>Acrosternum hilare</i>					
	35	Flatid Planthopper	<i>Anormenis spetentrionalis</i>					
	36	Pillbug	<i>Armadillidium vulgare</i>					
	37	Stilt bug	<i>Berytidae sp.</i>					
	38	Lady Bug	<i>Coccinellae sp.</i>					
	39	Homoptera Red/Green Hopper Bug	<i>Comellus comma</i>					
	40	Brown Sting Bug	<i>Euschistus sp.</i>					
	41	European Earwig	<i>Forficula auricularia</i>					
	42	Water Strider	<i>Gerridae sp.</i>					
	43	Seed Bug	<i>Lygaeidae sp.</i>					
	44	Small Milkweed Bug	<i>Lygaeus kalmii</i>					
	45	Green Peach Aphid	<i>Myzus persicae</i>					
	46	Southern Green Sting Bug	<i>Nezara viridula</i>					
	47	Large Milkweed Bug	<i>Oncopeltus fasciatus</i>					
	48	Woolly Pine Adelgid	<i>Pineus sp.</i>					
49	Annual/Dog Day Cicada	<i>Tibicen canicularis</i>						
50	Cicada	<i>Sp.</i>						
Butterflies	51	Sachem Skipper Butterfly	<i>Atalopedes campestris</i>					
	52	Red Banded Hairstreak Butterfly	<i>Calycopis cecrops</i>					
	53	Summer Azure Butterfly	<i>Celastrina neglecta</i>					
	54	Orange Sulfur Butterfly	<i>Colias eurytheme</i>					
	55	Monarch Butterfly	<i>Danaus plexippus</i>					
	56	Veriegated Fritillary Butterfly	<i>Euptoieta claudia</i>					
	57	Eastern Tailed Blue Butterfly	<i>Everes comyntas</i>					
	58	Fiery Skipper Butterfly	<i>Hylephila phyleus</i>					
	59	Common Buckeye Butterfly	<i>Junonia coenia</i>					
	60	Snout Butterfly	<i>Libythea carinenta</i>					
	61	Viceroy Butterfly	<i>Limenitis archippus</i>					
	62	Red Spotted Purple Butterfly	<i>Limenitis arthemis</i>					
	63	American Copper Butterfly	<i>Lycaena phlaeas</i>					
	64	Swarthy Skipper Butterfly	<i>Nastra lherminier</i>					
	65	Giant Swallowtail Butterfly	<i>Papilio cresphontes</i>					
66	Black Swallowtail	<i>Papilio polyxenes</i>						
67	Pearl Crescent Butterfly	<i>Phycoides tharos</i>						
68	Cabbage White Butterfly	<i>Pieris rapae</i>						
69	Pecks Skipper Butterfly	<i>Plites peckius</i>						
70	Broadwinged Skipper Butterfly	<i>Poanes viator</i>						
71	Zabulon Skipper Butterfly	<i>Poanes zabulon</i>						
72	Checkered White Butterfly	<i>Pontia protodice</i>						
73	Gray Hairstreak Butterfly	<i>Strymon melinus</i>						
74	Red Admiral Butterfly	<i>Vanessa atalanta</i>						
75	American Lady Butterfly	<i>Vanessa virginiensis</i>						
76	Unicorn Caterpillar	<i>Schizura unicornis</i>						
77	Tent Caterpillar	<i>Tolyte</i>						
78	Centipede	<i>Scolopendra sp.</i>						
79	Field Cricket	<i>Gryllus pensylvanicus</i>						
80	Snowy Tree Cricket	<i>Oecanthus fultoni</i>						
Damselflies	81	Violet Dancer Damselfly	<i>Argia violacea</i>					
	82	Familiar Bluet Damselfly	<i>Enallagma civile</i>					
	83	Fragile Forktail Damselfly	<i>Ischnura posita</i>					
	84	Ramburs Forktail Damselfly	<i>Ischnura ramburii</i>					
	85	Common Forktail Damselfly	<i>Ischnura verticalis</i>					
Dragonflies	86	Clubfoot Dragonfly	<i>Gamhidae sp.</i>					
	87	Skimmer Dragonfly	<i>Libellulidae sp.</i>					
	88	Green Darner Dragonfly	<i>Anax junius</i>					
	89	Eastern Pond Hawk Dragonfly	<i>Erythemis simplicicollis</i>					
	90	Twelve Spotted Skimmer Dragonfly	<i>Libellula pulchella</i>					
	91	Blue Dasher Dragonfly	<i>Pachydiplax longipennis</i>					
	92	Red Saddlebags Dragonfly	<i>Tramea carolina</i>					
	93	Black Saddlebags Dragonfly	<i>Tramea lacerata</i>					

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Flies (Caddis and others)	94 Syrphid Fly	<i>Allograpta obliqua</i>						
	95 Mosquito	<i>Anopheles sp.</i>						
	96 Green Lacewing	<i>Chrysopa ornata</i>						
	97 Deerfly	<i>Chrysops sp.</i>						
	98 Yellow Deerfly	<i>Chrysops vittatus</i>						
	99 Long Legged Fly	<i>Dolichopus longipennis</i>						
	100 Mayfly	<i>Ephemeroptera sp.</i>						
	101 Drone Fly	<i>Eristalis tenax</i>						
	102 Citrine Forktail	<i>Ischnura hastata</i>						
	103 American Hover Fly	<i>Metasyrphus americanus</i>						
104 House Fly	<i>Musca domestica</i>							
105 Blow Fly	<i>Phaenicia sericata</i>							
106 Sawfly	<i>Sawfly sp.</i>							
107 Caddishfly	<i>Trichoptera sp.</i>							
108 Damsel Fly	<i>Zygoptera</i>							
Grasshoppers	109 Differential Grasshopper	<i>Melanoplus differentialis</i>						
	110 Migrating Grasshopper	<i>Melanoplus sanguinipes</i>						
	111 Angular Wing Katydid	<i>Microcentrum retinerve</i>						
	112 Nebraska Conehead	<i>Neoconocephalus nebrascensis</i>						
Mantis	113 Praying Mantis	<i>Mantis religiosa</i>						
	114 Mantidfly	<i>Mantispidae sp.</i>						
Moths	115 Abagrotis sp.	<i>Abagrotis cupida</i>						
	116 Garden Webworm Moth	<i>Achyra rantalis</i>						
	117 Lesser Vagabond Crambus	<i>Agriphila ruricolella</i>						
	118 Vagabond Crambus	<i>Agriphila vulgivagella</i>						
	119 Ipsilon Dart	<i>Agrotis ipsilon</i>						
	120 Common Gray	<i>Anavitrinella pampinaria</i>						
	121 The Slowpoke	<i>Anorthodes tarda</i>						
	122 Ailanthus Webworm Moth	<i>Atteva punctella</i>						
	123 Pepper-and-salt Geometer	<i>Biston betularia</i>						
	124 Bent-winged Owlet	<i>Bleptina caradrinalis</i>						
	125 Clover Looper Moth	<i>Caenurgina crassiuscula</i>						
	126 Forage Looper Moth	<i>Caenurgina erechtea</i>						
	127 The Sweetheart	<i>Catocala amatrix</i>						
	128 Blackberry Looper Moth	<i>Chlorochlamys chloroleucaria</i>						
	129 Garden Tortrix	<i>Clepsia peritana</i>						
	130 Clouded Sulfur Moth	<i>Colias philodice</i>						
	131 Pale Lichen Moth	<i>Crambidia pallida</i>						
	132 no common name	<i>Crambus praefectellus</i>						
	133 Spotted Datana	<i>Datana perspicua</i>						
	134 Showy Emerald	<i>Dichorda iridaria</i>						
	135 Somber Carpet	<i>Disclisioprocta stellata</i>						
	136 no common name	<i>Dolichomia olinalis</i>						
	137 Grateful Midget	<i>Elaphria grata</i>						
	138 plume moth	<i>Emmelina monodactyla</i>						
	139 Salt Marsh Caterpillar Moth	<i>Estigmene acrea</i>						
	140 Snowy Dart	<i>Euagrotis illapsa</i>						
	141 Lesser Grapevine Looper Moth	<i>Eulithis diversilineata</i>						
	142 Common Eupithecia	<i>Eupithecia miserulata</i>						
	143 Confused Eusarca	<i>Eusarca confusaria</i>						
144 Wheat Head Armyworm Moth	<i>Faronta diffusa</i>							
145 Master's Dart	<i>Feltia herilis</i>							
146 Dingy Cutworm Moth	<i>Feltia jaculifera</i>							
147 Subgothic Dart	<i>Feltia subgothica</i>							
148 Tricosa Dart	<i>Feltia tricosa</i>							
149 no common name	<i>Glaphyria sequistrialis</i>							
150 Chickweed Geometer	<i>Haematopis grataria</i>							
151 Corn Earworm Moth	<i>Helicoverpa zea</i>							
152 Cabbage Webworm Moth	<i>Hellula rogatalis</i>							
153 Slender Clear Wing Moth	<i>Hemaris gracilis</i>							

Moths

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154	Hummingbird Sphinx Moth	<i>Hemaris thysbe</i>						
155	Bumble Bee Moth	<i>Hemaris diffinis</i>						
156	Sphinx Moth	<i>Hiles lineata</i>						
157	Spotted Beet Webworm Moth	<i>Hymenia perspectalis</i>						
158	no common name	<i>Hyphenodes palustrus</i>						
159	Giant Leopard Moth	<i>Hypercompe scribonia</i>						
160	Fall Webworm Moth	<i>Hyphantria cunea</i>						
161	Common Idia Moth	<i>Idia aemula</i>						
162	American Idia	<i>Idia americalis</i>						
163	Glossy Black Idia	<i>Idia lubicalis</i>						
164	Implicit Arches	<i>Lacinipolia implicata</i>						
165	Bristly Cutworm Moth	<i>Lacinipolia renigera</i>						
166	Ambiguous Moth	<i>Lascoria ambigualis</i>						
167	Phragmites Wainscot	<i>Leucania phragmitidicola</i>						
168	Ursula Wainscot	<i>Leucania ursula</i>						
169	Pink-barred Lithacodia	<i>Lithacodia carneola</i>						
170	Drab Brown Wave	<i>Lobocleta ossularia</i>						
171	no common name	<i>Loxostege cereralis</i>						
172	no common name	<i>Microcrambus elegans</i>						
173	no common name	<i>Mythimna oxygala</i>						
174	Armyworm Moth	<i>Mythimna unipuncta</i>						
175	Large Yellow Underwing	<i>Noctua pronuba</i>						
176	Sorghum Webworm Moth	<i>Nola sorghiella</i>						
177	Celery Webworm Moth	<i>Nomophila nearctica</i>						
178	Common Pinkband	<i>Ogdoconta cinereola</i>						
179	Black-banded Brocade	<i>Oligia modica</i>						
180	Rustic Quaker	<i>Orthodes crenulata</i>						
181	Bent-line Carpet	<i>Orthonama centrostrigaria</i>						
182	The Gem	<i>Orthonama obstipata</i>						
183	Faint-spotted Palthis	<i>Palthis asopialis</i>						
184	Crambid sp.	<i>Parapediasia</i>						
185	Juniper Geometer	<i>Patalene olyzonaria</i>						
186	Sod Webworm Moth	<i>Pediasia trisecta</i>						
187	Cloudless Sulfur Moth	<i>Pheobis sennae</i>						
188	Green Cloverworm Moth	<i>Plathypena scabra</i>						
189	Variiegated Leafroller	<i>Platynota flavedana</i>						
190	Tufted Apple Budworm	<i>Platynota idaeusalis</i>						
191	Common Tan Wave	<i>Pleuroprucha insulsaria</i>						
192	Large Maple Spanworm Moth	<i>Prochoerodes transversata</i>						
193	no common name	<i>Promalactis suzukiella</i>						
194	Brown-collared Dart	<i>Protolampra brunneisollis</i>						
195	Ruddy Quaker	<i>Protorthodes oviduca</i>						
196	Miranda Moth	<i>Proxenus miranda</i>						
197	no common name	<i>Pyrausta rubricalis</i>						
198	Arcigera Flower Moth	<i>Schinia arcigera</i>						
199	Camphorweed Flower Moth	<i>Schinia nubila</i>						
200	Soft-lined Wave	<i>Scopula inductata</i>						
201	Large Lace-boarder Moth	<i>Scopula limboundata</i>						
202	Minor Angle	<i>Semiothisa minorata</i>						
203	Yellow-striped Armyworm Moth	<i>Spodoptera ornithogalli</i>						
204	Hawaiin Beet Webworm Moth	<i>Spoladea recurvalis</i>						
205	Common Sprageua	<i>Spragueia leo</i>						
206	Wavy-lined Emerald	<i>Synchlora aerata</i>						
207	Southern Emerald	<i>Synchlora frondaria</i>						
208	Olive-shaded Bird-dropping M.	<i>Tarachidia candefacta</i>						
209	Florida Tetanolita	<i>Tetanolita floridana</i>						
210	Smoky Tetanolita	<i>Tetanolita mynesalis</i>						
211	Knee-joint Dart	<i>Trichosilia geniculata</i>						
212	Celery Leaf Tier Moth	<i>Udea rubigalis</i>						
213	Lunate Zale Moth	<i>Zale lunata</i>						
214	Olethreutine sp. 1							
215	Olethreutine sp. 2							

Moths

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216	Olethreutine sp. 3							
217	Olethreutine sp. 4							
218	Olethreutine sp. 5							
219	unidentified micro 1							
220	unidentified micro 2							
221	Chernetid	<i>Chthoniidae sp.</i>						
Spiders	222	Funnel Spider						
	223	Orbweaver						
	224	Elongated Long-Jawed Orbweaver						
	225	Black Widow Spider						
	226	Forest Wolf Spider						
	227	Green Lyssomanes						
	228	Goldenrod Crab Spider						
	229	Daddy Longlegs						
	230	Jumping Spider						
	231	Crab Spider						
	232	Elegant Crab Spider						
	Wasps	233	Wasp					
234		Velvet Ant						
235		Wasp						
236		Wasp						
237		Wasp						
238		Wasp						
239		Gasteruptiidae						
240		Ichneumon						
241		Parsitic Wasp						
242		Wasp						
243		Locust Borer						
244		Wasp						
245		5-Banded Tiphid Wasp						
246		Wasp						
247		Wasp						
248		Wasp						
249		Wasp						
250		Spider Wasp						
251		Red-Tailed Ichneumon						
252		Cicada Killer						
253	Wasp							
254	Yellow Jacket							
255	Wasp							
256	Earthworm							
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