

APPENDIX IV:

Odonate List for Volunteers

The table below contains all dragonfly and damselfly species recorded to date in New York State, as well as a few additional species whose range extends into states or provinces very close to New York which could be expected to occur in New York.

Bolded species = species of “Greatest Conservation Need” and/or on the NY Natural Heritage Program “Active Inventory List”

Species with an asterisk = species not yet recorded in NY, but could occur here based on records in nearby states and provinces

Identification Level: Identification level refers to the type of verification that will generally be required in order for us to be fully confident of and make maximum use of the submitted records. Codes are as follows: SPEC = collected specimen, PHOT = photograph, OBS = visual record. In the case of photographs, in many cases very close up images of particular body parts will be necessary to confirm identification and these parts are listed in parentheses after PHOT. Lateral = a side view shot of the body; term app = both dorsal and lateral views of the male terminal appendages; lateral thoracic = the lateral thoracic stripes; wings = a dorsal shot of the wings to show a particular spot or pattern; abdomen – dorsal = a dorsal view of the abdomen; top of head = the top of the head in front of the eyes. NOTE that in many cases different levels of verification are needed for males vs. females.

Family	Common Name	Scientific Name	Identification Level	Habitat
Calopterygidae				
	River Jewelwing	<i>Calopteryx aequabilis</i>	OBS	
	Superb Jewelwing	<i>Calopteryx amata</i>	PHOT	
	Appalachian Jewelwing	<i>Calopteryx angustipennis</i>	M – PHOT, F SPEC	rivers
	Sparkling Jewelwing	<i>Calopteryx dimidiata</i>	PHOT	brooks, rivers
	Ebony Jewelwing	<i>Calopteryx maculata</i>	OBS	
	American Rubyspot	<i>Hetaerina americana</i>	PHOT	streams, rivers
Lestidae				
	Great Spreadwing	<i>Archilestes grandis</i>	PHOT	
	Spotted Spreadwing	<i>Lestes congener</i>	SPEC	
	Common Spreadwing	<i>Lestes disjunctus</i>	SPEC	
	Common Spreadwing	<i>Lestes australis</i>	SPEC	
	Emerald Spreadwing	<i>Lestes dryas</i>	M – OBS, F - SPEC	
	Amber-winged Spreadwing	<i>Lestes eurinus</i>	M – PHOT (term app), F - SPEC	
	Sweetflag Spreadwing	<i>Lestes forcipatus</i>	SPEC	
	Elegant Spreadwing	<i>Lestes inaequalis</i>	M – PHOT (term app), F - SPEC	
	Slender Spreadwing	<i>Lestes rectangularis</i>	M – PHOT (term app), F - SPEC	
	Lyre-tipped Spreadwing	<i>Lestes unguiculatus</i>	M – PHOT (term app), F - SPEC	
	Swamp Spreadwing	<i>Lestes vigilax</i>	M – PHOT (term app), F - SPEC	
Coenagrionidae				
	Eastern Red Damsel	<i>Amphiagrion saucium</i>	PHOT (lateral)	
	Blue-fronted Dancer	<i>Argia apicalis</i>	M - PHOT (lateral), F - SPEC	
	Seepage Dancer	<i>Argia bipunctulata</i>	SPEC	seeps, rivulets, bogs
	Variable Dancer	<i>Argia fumipennis violacea</i>	OBS	
	Powdered Dancer	<i>Argia moesta</i>	OBS	
	Blue-tipped Dancer	<i>Argia tibialis</i>	M - PHOT (lateral), F - SPEC	rivers, brooks

Family	Common Name	Scientific Name	Identification Level	Habitat
	Dusky Dancer	<i>Argia translata</i>	M - PHOT (lateral, term app), F - SPEC	
	Aurora Damsel	<i>Chromagrion conditum</i>	M - PHOT (lateral, term app), F - SPEC	
	Subarctic Bluet	<i>Coenagrion interrogatum</i>	SPEC	ponds, bogs
	Taiga Bluet	<i>Coenagrion resolutum</i>	M - PHOT (term app), F - SPEC	
	Rainbow Bluet	<i>Enallagma antennatum</i>	M - PHOT (term app), F - SPEC	
	Azure Bluet	<i>Enallagma aspersum</i>	M - PHOT (term app), F - SPEC	
	Double-striped Bluet	<i>Enallagma basidens</i>	M - PHOT (term app), F - SPEC	
	Boreal Bluet	<i>Enallagma boreale</i>	SPEC	
	Tule Bluet	<i>Enallagma carunculatum</i>	SPEC	
	Familiar Bluet	<i>Enallagma civile</i>	M - PHOT (term app), F - SPEC	
	Northern Bluet	<i>Enallagma cyathigerum</i>	SPEC	
	Attenuated Bluet *	<i>Enallagma daeckii</i>	SPEC	
	Turquoise Bluet	<i>Enallagma divagans</i>	M - PHOT (term app), F - SPEC	
	Atlantic Bluet	<i>Enallagma doubledayi</i>	SPEC	
	Big Bluet	<i>Enallagma durum</i>	M - PHOT (term app), F - SPEC	
	Marsh Bluet	<i>Enallagma ebrium</i>	M - PHOT (term app), F - SPEC	
	Stream Bluet	<i>Enallagma exsulans</i>	M - PHOT (term app), F - SPEC	
	Skimming Bluet	<i>Enallagma geminatum</i>	M - PHOT (term app), F - SPEC	
	Hagen's Bluet	<i>Enallagma hageni</i>	M - PHOT (term app), F - SPEC	
	New England Bluet	<i>Enallagma laterale</i>	M - PHOT (term app), F - SPEC	ponds, lakes
	Little Bluet	<i>Enallagma minusculum</i>	M - PHOT (term app), F - SPEC	coastal plain ponds, lakes
	Scarlet Bluet	<i>Enallagma pictum</i>	M - PHOT (lateral), F - SPEC	coastal plain ponds, lakes
	Pine Barrens Bluet	<i>Enallagma recurvatum</i>	M - PHOT (term app), F - SPEC	coastal plain ponds, lakes
	Orange Bluet	<i>Enallagma signatum</i>	M - OBS, F - SPEC	
	Slender Bluet	<i>Enallagma traviatum</i>	M - PHOT (term app), F - SPEC	
	Northern Bluet	<i>Enallagma vernale</i>	SPEC	
	Vesper Bluet	<i>Enallagma vesperum</i>	M - OBS, F - SPEC	
	Blackwater Bluet	<i>Enallagma weewa</i>	M - PHOT (term app), F - SPEC	streams, rivers
	Citrine Forktail	<i>Ischnura hastata</i>	M - PHOT, F - SPEC	
	Lilypad Forktail	<i>Ischnura kellicotti</i>	M - PHOT, F - SPEC	
	Fragile Forktail	<i>Ischnura posita</i>	OBS	
	Furtive Forktail	<i>Ischnura prognata</i>	M - PHOT, F - SPEC	
	Rambur's Forktail	<i>Ischnura ramburii</i>	M - PHOT, F - SPEC	brackish ponds, marshes
	Eastern Forktail	<i>Ischnura verticalis</i>	OBS	
	Sphagnum Sprite	<i>Nehalennia gracilis</i>	M - OBS, F - PHOT	
	Southern Sprite	<i>Nehalennia integricollis</i>	SPEC	ponds, bogs
	Sedge Sprite	<i>Nehalennia irene</i>	M - OBS, F - PHOT	
Petaluridae				
	Gray Petaltail	<i>Tachopteryx thoreyi</i>	PHOT	seeps, rivulets, ravines

Family Common Name	Scientific Name	Identification Level	Habitat
Aeshnidae			
Canada Darner	<i>Aeshna canadensis</i>	PHOT (lateral thoracic, term app)	
Mottled Darner	<i>Aeshna clepsydra</i>	PHOT (lateral thoracic, term app)	ponds, bogs
Lance-tipped Darner	<i>Aeshna constricta</i>	PHOT (lateral thoracic, term app)	
Lake Darner	<i>Aeshna eremita</i>	PHOT (lateral thoracic, term app)	
Variable Darner	<i>Aeshna interrupta</i>	PHOT (lateral thoracic, term app)	
Sedge Darner *	<i>Aeshna juncea</i>	SPEC	
Spatterdock Darner	<i>Aeshna mutata</i>	PHOT in hand only (lateral thoracic, face)	ponds, lakes
Zigzag Darner *	<i>Aeshna sitchensis</i>	SPEC	
Subarctic Darner	<i>Aeshna subarctica</i>	PHOT (in hand only - lateral thoracic, term app)	bogs
Black-tipped Darner	<i>Aeshna tuberculifera</i>	PHOT (lateral thoracic, term app)	
Shadow Darner	<i>Aeshna umbrosa</i>	PHOT (lateral thoracic, term app)	
Green-striped Darner	<i>Aeshna verticalis</i>	PHOT (lateral thoracic, term app)	
Common Green Darner	<i>Anax junius</i>	OBS	
Comet Darner	<i>Anax longipes</i>	M – OBS, F – PHOT (top of head)	ponds, lakes
Springtime Darner	<i>Basiaeschna janata</i>	PHOT (lateral thoracic, wings)	
Ocellated Darner	<i>Boyeria grafiana</i>	PHOT in hand only	
Fawn Darner	<i>Boyeria vinosa</i>	PHOT	
Swamp Darner	<i>Epiaeschna heros</i>	PHOT	
Taper-tailed Darner	<i>Gomphaeschna antilope</i>	SPEC	bogs
Harlequin Darner	<i>Gomphaeschna furcillata</i>	PHOT	
Cyrano Darner	<i>Nasiaeschna pentacantha</i>	PHOT	
Gomphidae			
Horned Clubtail *	<i>Arigomphus cornutus</i>	SPEC	
Lilypad Clubtail	<i>Arigomphus furcifer</i>	M – PHOT (term app), F -SPEC	
Unicorn Clubtail	<i>Arigomphus villosipes</i>	M – PHOT (term app), F -SPEC	
Black-shouldered Spinyleg	<i>Dromogomphus spinosus</i>	PHOT	
Spine-crowned Clubtail	<i>Gomphus abbreviatus</i>	SPEC	rivers, lakes
Mustached Clubtail	<i>Gomphus adelphus</i>	SPEC	
Beaverpond Clubtail	<i>Gomphus borealis</i>	SPEC	
Harpoon Clubtail	<i>Gomphus descriptus</i>	SPEC	
Lancet Clubtail	<i>Gomphus exilis</i>	SPEC	
Midland Clubtail	<i>Gomphus fraternus</i>	M – PHOT (in hand – dorsal view of end of abdomen), F - SPEC	rivers, lakes
Pronghorn Clubtail *	<i>Gomphus graslinellus</i>	SPEC	
Splendid Clubtail *	<i>Gomphus lineatifrons</i>	SPEC	
Ashy Clubtail	<i>Gomphus lividus</i>	M – PHOT (term app), F - SPEC	
Rapids Clubtail	<i>Gomphus quadricolor</i>	SPEC	rivers
Sable Clubtail	<i>Gomphus rogersi</i>	SPEC	forest streams
Septima's Clubtail	<i>Gomphus septima</i>	SPEC	rivers
Dusky Clubtail	<i>Gomphus spicatus</i>	SPEC	
Cobra Clubtail	<i>Gomphus vastus</i>	M – PHOT (in hand – dorsal view of end of abdomen), F - SPEC	rivers

Family	Common Name	Scientific Name	Identification Level	Habitat
	Skillet Clubtail	Gomphus ventricosus	M – PHOT (in hand – dorsal view of end of abdomen), F - SPEC	rivers
	Green-faced Clubtail	Gomphus viridifrons	M – PHOT (term app), F - SPEC	rivers
	Dragonhunter	Hagenius brevistylus	OBS	
	Northern Pygmy Clubtail	Lanthus parvulus	SPEC	
	Southern Pygmy Clubtail	Lanthus vernalis	SPEC	
	Extra-striped Snaketail	Ophiogomphus anomalus	SPEC	rivers
	Brook Snaketail	Ophiogomphus aspersus	SPEC	brooks, rivers
	Riffle Snaketail	Ophiogomphus carolus	SPEC	
	Boreal Snaketail	Ophiogomphus colubrinus	SPEC	brooks, rivers
	Pygmy Snaketail	Ophiogomphus howei	SPEC	rivers
	Maine Snaketail	Ophiogomphus mainensis	SPEC	
	Rusty Snaketail	Ophiogomphus rupinsulensis	SPEC	
	Common Sanddragon	Progomphus obscurus	PHOT (TERM APP)	brooks, rivers (sandy)
	Least Clubtail	Stylogomphus albistylus	PHOT (term app)	
	Riverine Clubtail	Stylurus amnicola	SPEC	rivers
	Laura's Clubtail *	Stylurus laurae	SPEC	
	Elusive Clubtail	Stylurus notatus	SPEC	rivers, lakes
	Russet-tipped Clubtail	Stylurus plagiatus	SPEC	rivers
	Zebra Clubtail	Stylurus scudderi	SPEC	
	Arrow Clubtail	Stylurus spiniceps	SPEC	rivers, lakes
Cordulegastridae				
	Brown Spiketail *	Cordulegaster bilineata	SPEC	
	Delta-spotted Spiketail	Cordulegaster diastatops	PHOT	
	Tiger Spiketail	Cordulegaster erronea	PHOT (abdomen – dorsal)	seeps, rivulets, brooks
	Twin-spotted Spiketail	Cordulegaster maculata	PHOT	
	Arrowhead Spiketail	Cordulegaster obliqua	PHOT (abdomen – dorsal)	seeps, rivulets, brooks
Macromiidae				
	Stream Cruiser	Didymops transversa	OBS	
	Allegheny River Cruiser	Macromia alleghaniensis *	SPEC	
	Illinois River Cruiser	Macromia illinoensis	SPEC	
	Royal River Cruiser	Macromia taeniolata *	SPEC	
Corduliidae				
	American Emerald	Cordulia shurtleffi	M – PHOT (term app), F - SPEC	
	Petite Emerald	Dorocordulia lepida	M – PHOT (term app), F - SPEC	
	Racket-tailed Emerald	Dorocordulia libera	M – PHOT (term app), F - SPEC	
	Prince Baskettail	Epitheca (Epicordulia) princeps	OBS	

Family	Common Name	Scientific Name	Identification Level	Habitat
	Beaverpond Baskettail	<i>Epitheca</i> (<i>Tetragoneuria</i>) <i>canis</i>	M – PHOT (term app), F - SPEC	
	Stripe-winged Baskettail *	<i>Epitheca</i> (<i>Tetragoneuria</i>) <i>costalis</i>	SPEC	
	Common Baskettail	<i>Epitheca</i> (<i>Tetragoneuria</i>) <i>cynosura</i>	SPEC	
	Mantled Baskettail	<i>Epitheca</i> (<i>Tetragoneuria</i>) <i>semiaquea</i>	SPEC	lakes, ponds, bogs
	Spiny Baskettail	<i>Epitheca</i> (<i>Tetragoneuria</i>) <i>spinigera</i>	M – PHOT (abdomen –dorsal or ventral view), F - SPEC	
	Uhler's Sundragon	<i>Helocordulia uhleri</i>	PHOT	
	Broadtailed Shadowdragon *	<i>Neurocordulia michaeli</i>	SPEC	
	Umber Shadowdragon	<i>Neurocordulia obsoleta</i>	SPEC	
	Stygian Shaddowdragon	<i>Neurocordulia</i> <i>yamaskanensis</i>	SPEC	
	Ringed Emerald	<i>Somatochlora albicincta</i>	SPEC	bogs
	Lake Emerald	<i>Somatochlora cingulata</i>	SPEC	lakes, rivers
	Ski-tailed Emerald	<i>Somatochlora elongata</i>	SPEC	
	Forcipate Emerald	<i>Somatochlora forcipata</i>	SPEC	bogs
	Delicate Emerald	<i>Somatochlora franklini</i>	SPEC	bogs
	Hine's Emerald *	<i>Somatochlora hineana</i>	PHOT (term app)	
	Incurvate Emerald	<i>Somatochlora incurvata</i>	SPEC	bogs
	Kennedy's Emerald	<i>Somatochlora kennedyi</i>	SPEC	bogs
	Mocha Emerald	<i>Somatochlora linearis</i>	SPEC	forest streams
	Ocellated Emerald	<i>Somatochlora minor</i>	SPEC	forest streams
	Clamp-tipped Emerald	<i>Somatochlora tenebrosa</i>	M – PHOT (term app), F - spec	
	Brush-tipped Emerald	<i>Somatochlora walshii</i>	M – PHOT (term app), F - spec	
	Williamson's Emerald	<i>Somatochlora williamsoni</i>	M – PHOT (term app), F - spec	
	Coppery Emerald *	<i>Somatochlora georgiana</i>	SPEC	
	Ebony Boghaunter	<i>Williamsonia fletcheri</i>	SPEC	bogs
	Ringed Boghaunter	<i>Williamsonia lintneri</i>	PHOT	bogs
Libellulidae				
	Calico Pennant	<i>Celithemis elisa</i>	OBS	
	Halloween Pennant	<i>Celithemis eponina</i>	OBS	
	Banded Pennant	<i>Celithemis fasciata</i>	OBS	
	Martha's Pennant	<i>Celithemis martha</i>	OBS	
	Double-ringed Pennant	<i>Celithemis verna</i>	SPEC	
	Eastern Pondhawk	<i>Erythemis simplicicollis</i>	OBS	
	Seaside Dragonlet	<i>Erythrodiplax berenice</i>	PHOT	
	Little Blue Dragonlet	<i>Erythrodiplax minuscula</i>	SPEC	
	Blue Corporal	<i>Ladona deplanata</i>	M – OBS, F - SPEC	
	White Corporal	<i>Ladona exusta</i>	M – OBS, F - SPEC	
	Chalk-fronted Corporal	<i>Ladona julia</i>	M – OBS, F - SPEC	
	Frosted Whiteface	<i>Leucorrhinia frigida</i>	M – PHOT (hamules), F - SPEC	
	Crimson-ringed Whiteface	<i>Leucorrhinia glacialis</i>	M – PHOT (hamules), F - SPEC	
	Hudsonian Whiteface	<i>Leucorrhinia hudsonica</i>	M – PHOT (hamules), F - SPEC	

Family	Common Name	Scientific Name	Identification Level	Habitat
	Dot-tailed Whiteface	<i>Leucorrhinia intacta</i>	M – OBS, F - SPEC	
	Red-waisted Whiteface	<i>Leucorrhinia proxima</i>	M – PHOT (hamules), F - SPEC	
	Golden-winged Skimmer	<i>Libellula auripennis</i>	SPEC	ponds
	Bar-winged Skimmer	<i>Libellula axilena</i>	M – PHOT, F - SPEC	
	Spangled Skimmer	<i>Libellula cyanea</i>	OBS	
	Yellow-sided Skimmer	<i>Libellula flavida</i>	SPEC	bogs, ponds
	Slaty Skimmer	<i>Libellula incesta</i>	M – OBS, F - SPEC	
	Widow Skimmer	<i>Libellula luctuosa</i>	OBS	
	Needham's Skimmer	<i>Libellula needhami</i>	SPEC	brackish ponds, marshes
	Twelve-spotted Skimmer	<i>Libellula pulchella</i>	OBS	
	Four-spotted Skimmer	<i>Libellula quadrimaculata</i>	OBS	
	Painted Skimmer	<i>Libellula semifasciata</i>	OBS	
	Great Blue Skimmer	<i>Libellula vibrans</i>	M – OBS, F - SPEC	
	Elfin Skimmer	<i>Nannothemis bella</i>	OBS	
	Blue Dasher	<i>Pachydiplax longipennis</i>	M – OBS, F - PHOT	
	Wandering Glider	<i>Pantala flavescens</i>	PHOT	
	Spot-winged Glider	<i>Pantala hymenaea</i>	PHOT	
	Eastern Amberwing	<i>Perithemis tenera</i>	OBS	
	Common Whitetail	<i>Plathemis lydia</i>	OBS	
	Variiegated Meadowhawk	<i>Sympetrum corruptum</i>	PHOT	
	Saffron-winged Meadowhawk	<i>Sympetrum costiferum</i>	M – OBS, F - SPEC	
	Black Meadowhawk	<i>Sympetrum danae</i>	M – PHOTO, F - SPEC	ponds, bogs
	Cherry-faced Meadowhawk	<i>Sympetrum internum</i>	SPEC	
	Jane's Meadowhawk	<i>Sympetrum janeae</i>	SPEC	
	White-faced Meadowhawk	<i>Sympetrum obtrusum</i>	SPEC	
	Ruby Meadowhawk	<i>Sympetrum rubicundulum</i>	SPEC	
	Band-winged Meadowhawk	<i>Sympetrum semicinctum</i>	OBS	
	Yellow-legged Meadowhawk	<i>Sympetrum vicinum</i>	M – OBS, F - SPEC	
	Vermilion Saddlebags	<i>Tamea abdominalis</i>	PHOT (lateral, wings)	
	Striped Saddlebags	<i>Tamea calverti</i>	PHOT (lateral, wings)	
	Carolina Saddlebags	<i>Tamea carolina</i>	PHOT	
	Black Saddlebags	<i>Tamea lacerata</i>	OBS	