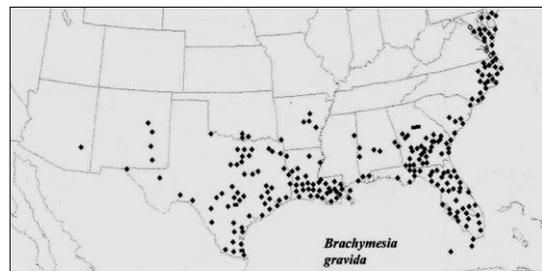
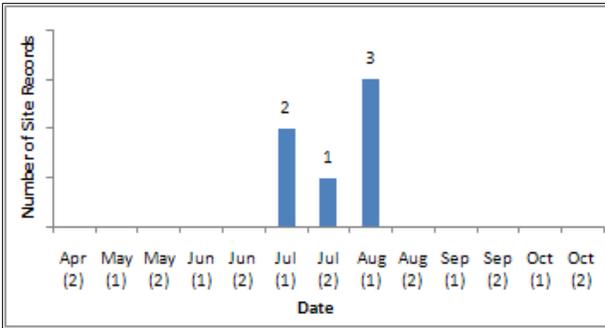
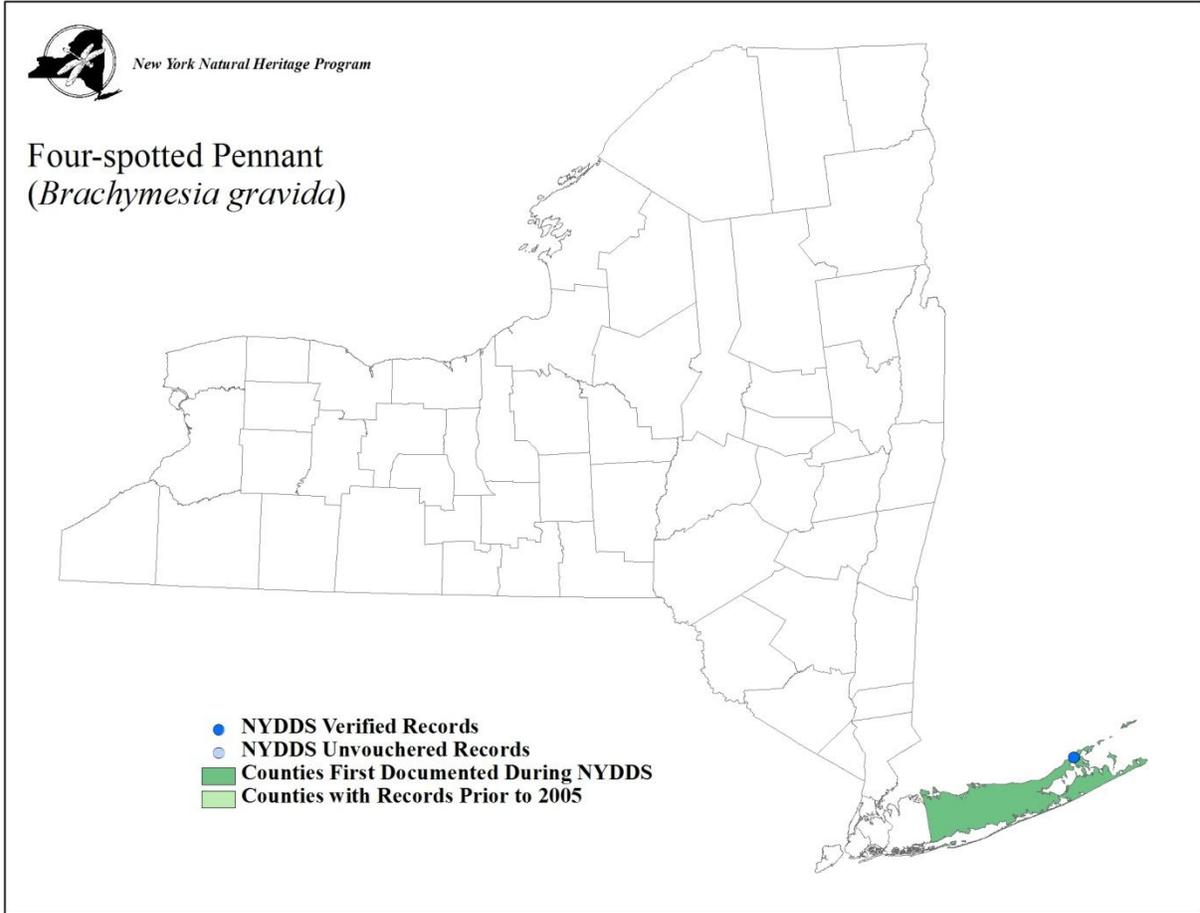


LIBELLULIDAE

Four-spotted Pennant (*Brachymesia gravida*)

Pre-NYDDS Status: G5, SNR

Draft Revised Status: S1



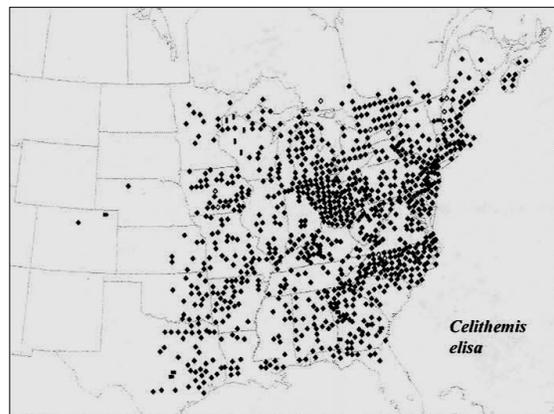
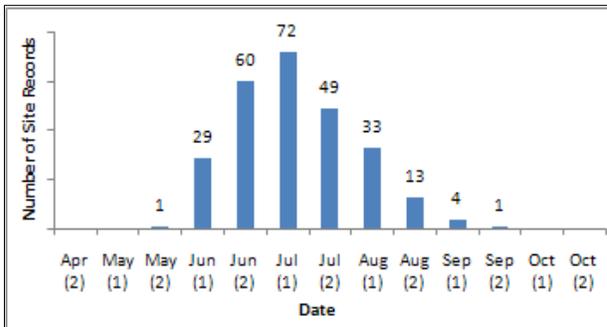
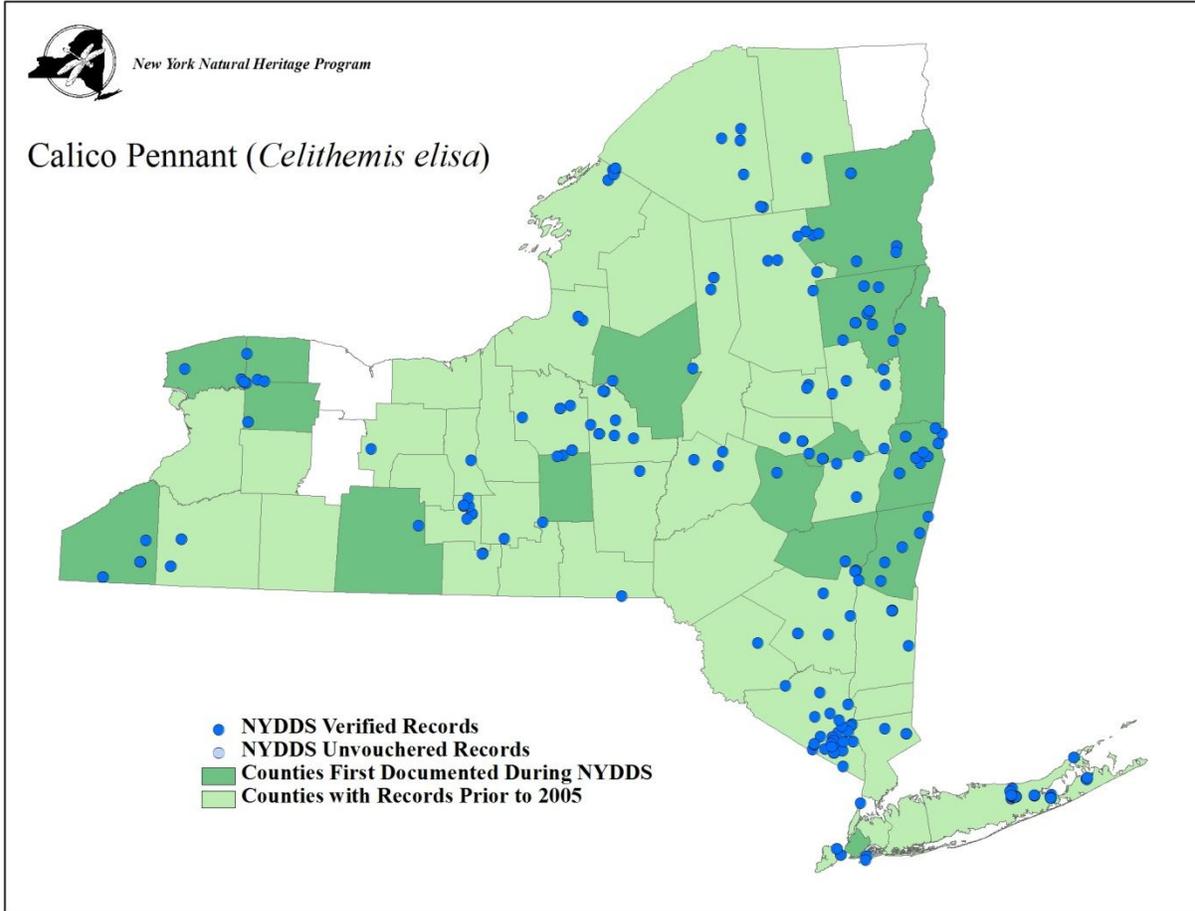
(Donnelly 2004b)



LIBELLULIDAE

Calico Pennant (*Celithemis elisa*)

Pre-NYDDS Status: G5, S5



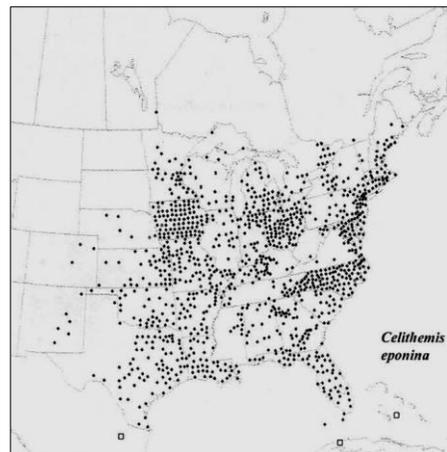
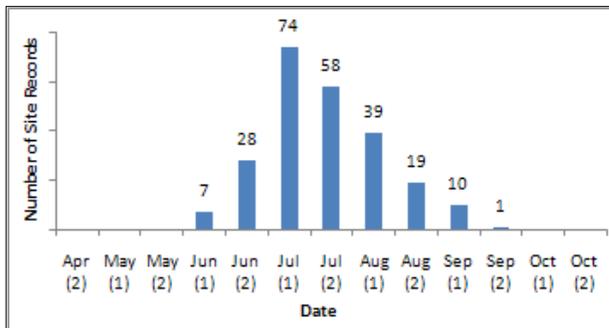
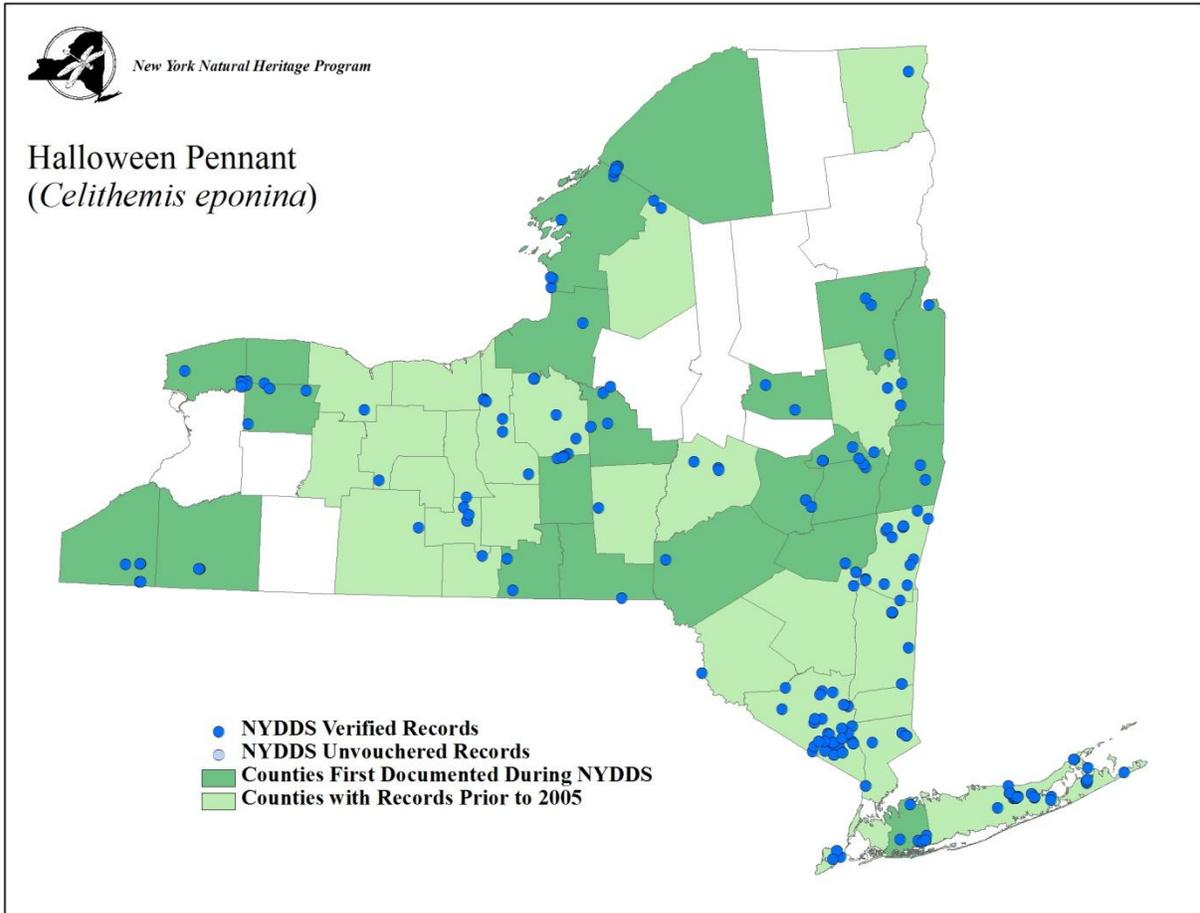
(Donnelly 2004b)



LIBELLULIDAE

Halloween Pennant (*Celithemis eponina*)

Pre-NYDDS Status: G5, S5



(Donnelly 2004b)

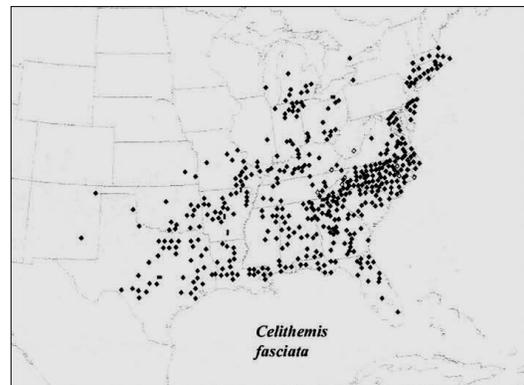
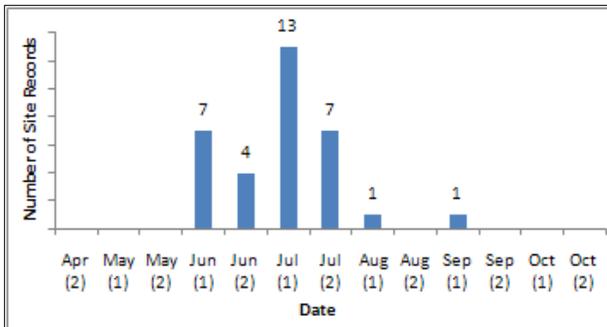
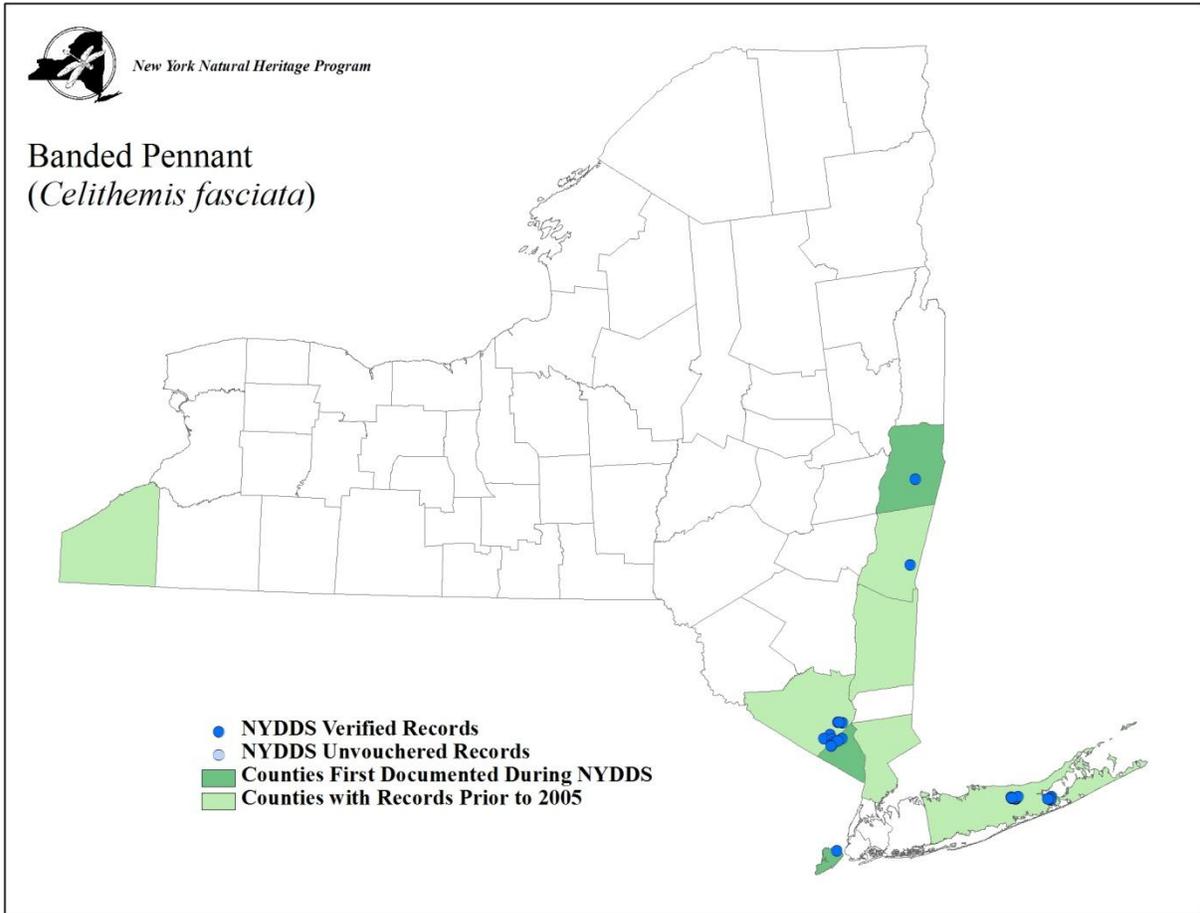


LIBELLULIDAE

Banded Pennant (*Celithemis fasciata*)

Pre-NYDDS Status: G5, SNR

Draft Revised Status: S3



(Donnelly 2004b)

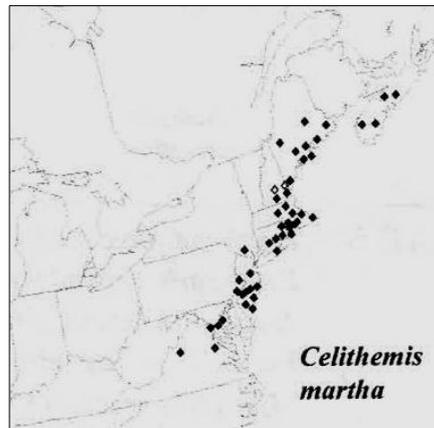
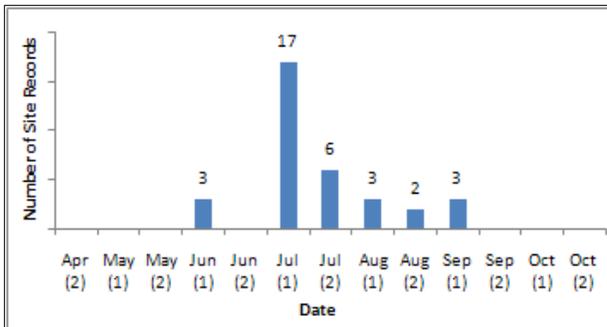
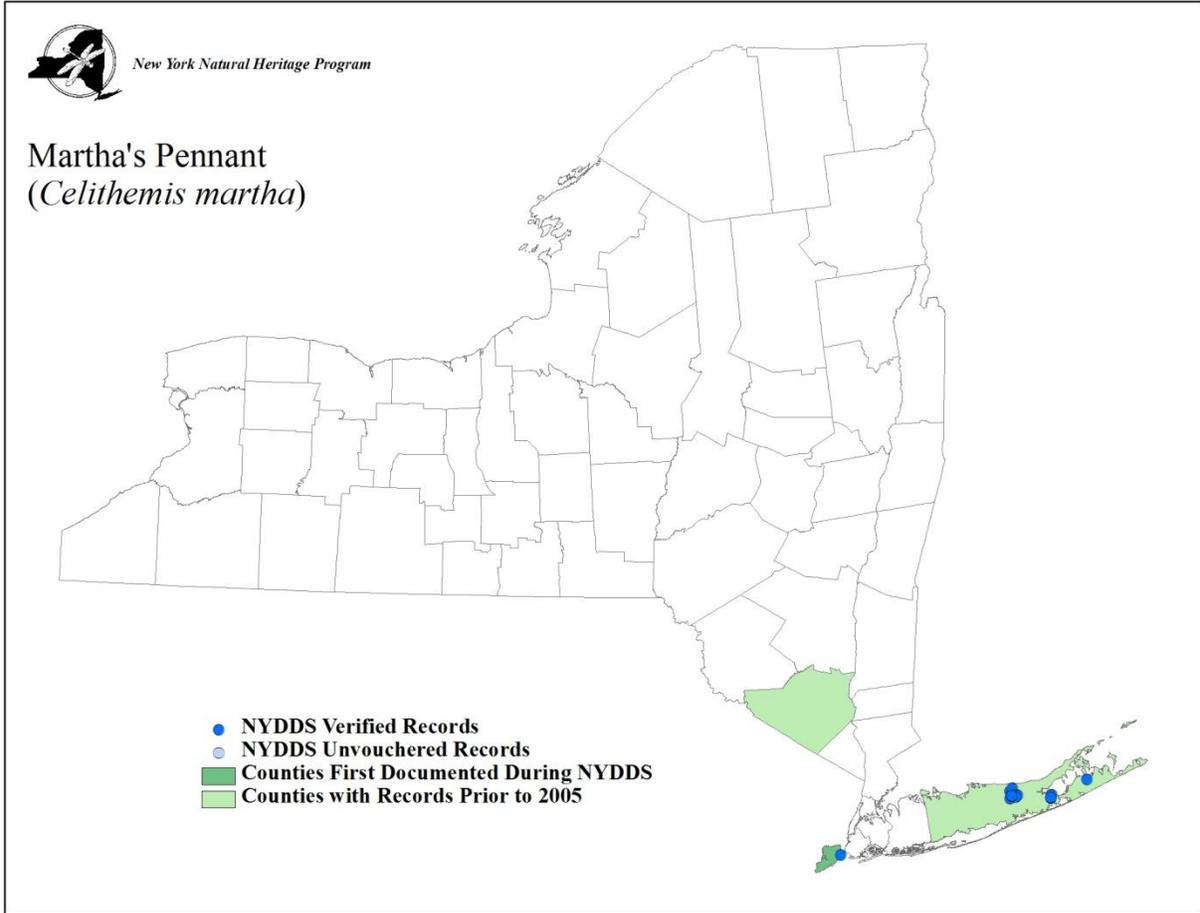


LIBELLULIDAE

Martha's Pennant (*Celithemis martha*)

Pre-NYDDS Status: G4, S3

Draft Revised Status: S2



(Donnelly 2004b)

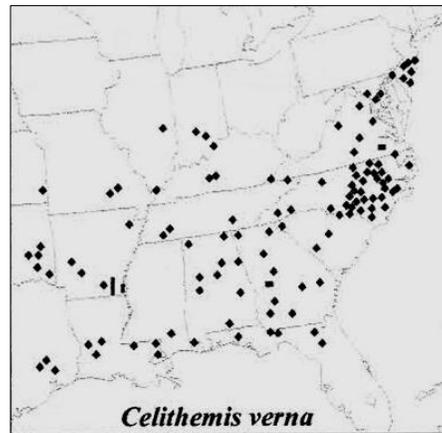
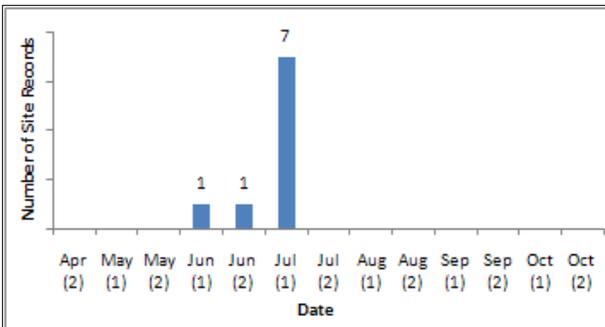
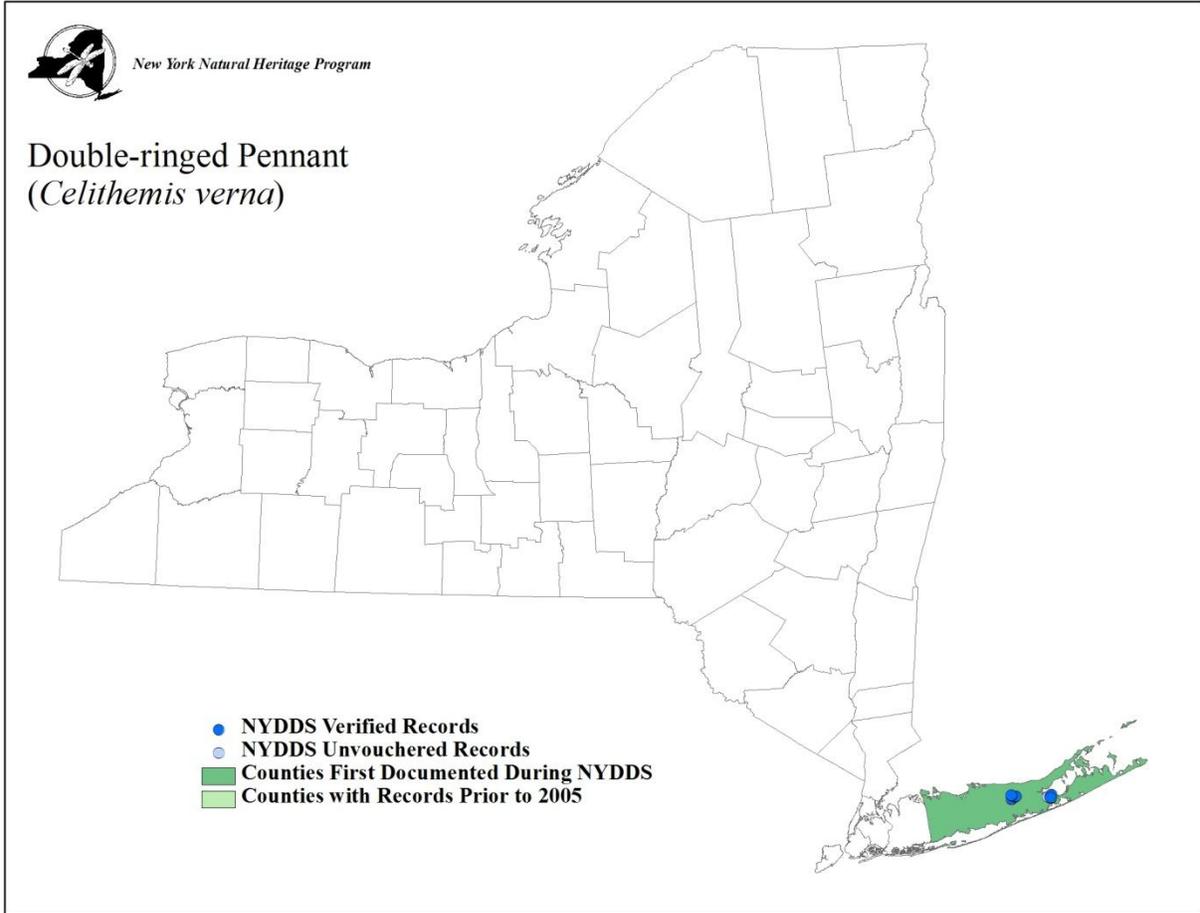


LIBELLULIDAE

Double-ringed Pennant (*Celithemis verna*)

Pre-NYDDS Status: G5, SNR

Draft Revised Status: S1



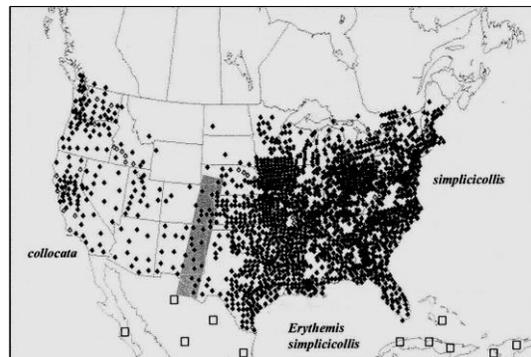
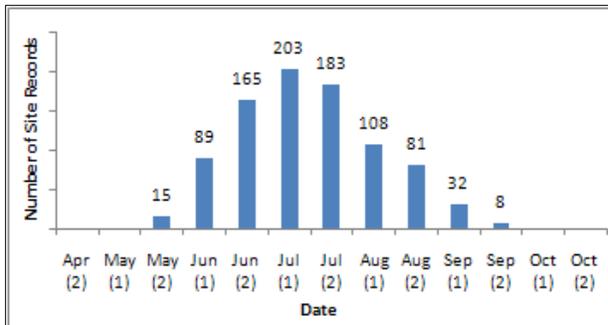
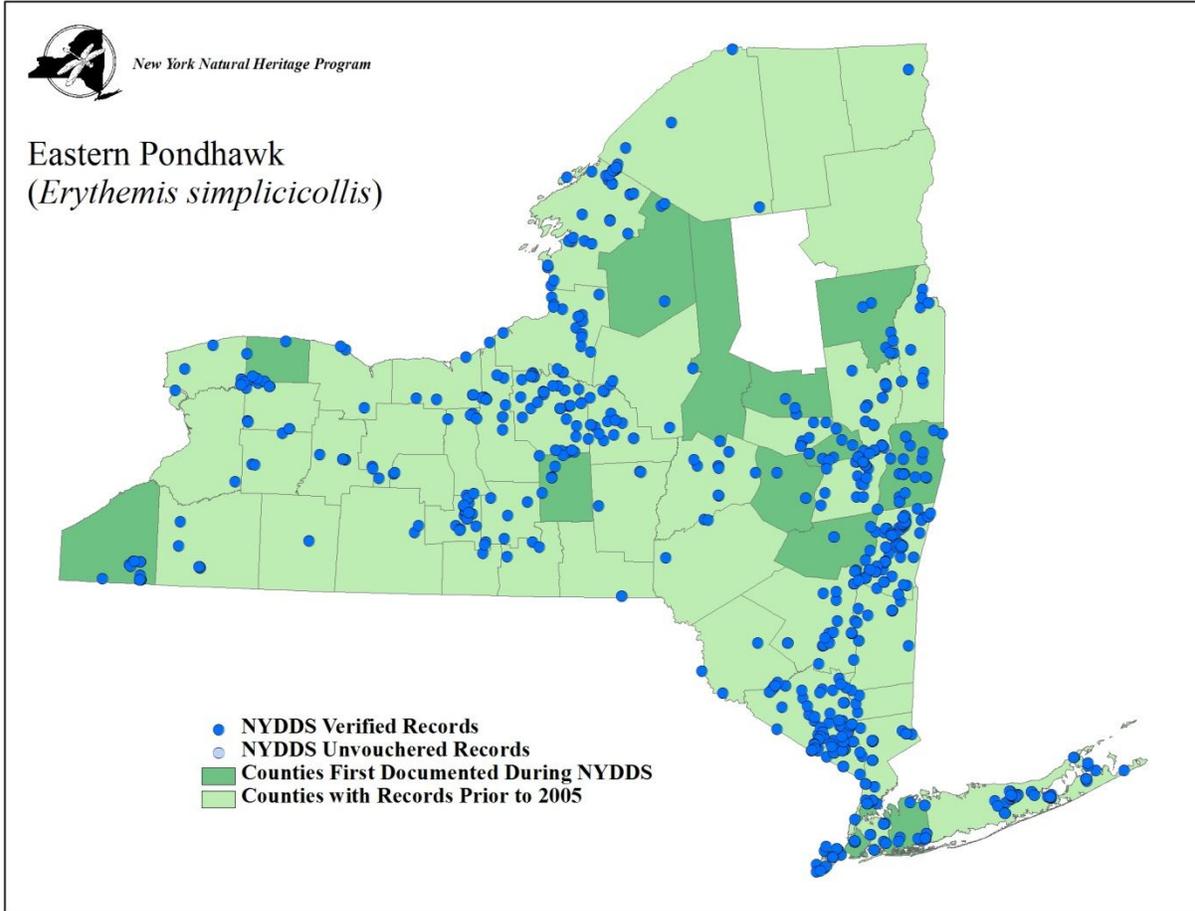
(Donnelly 2004b)



LIBELLULIDAE

Eastern Pondhawk (*Erythemis simplicicollis*)

Pre-NYDDS Status: G5, S5



(Donnelly 2004d)

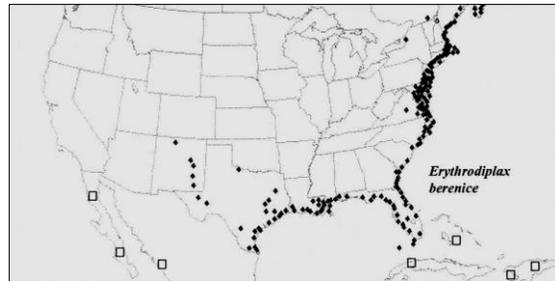
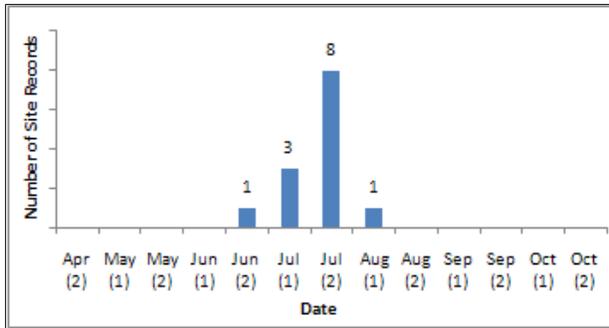
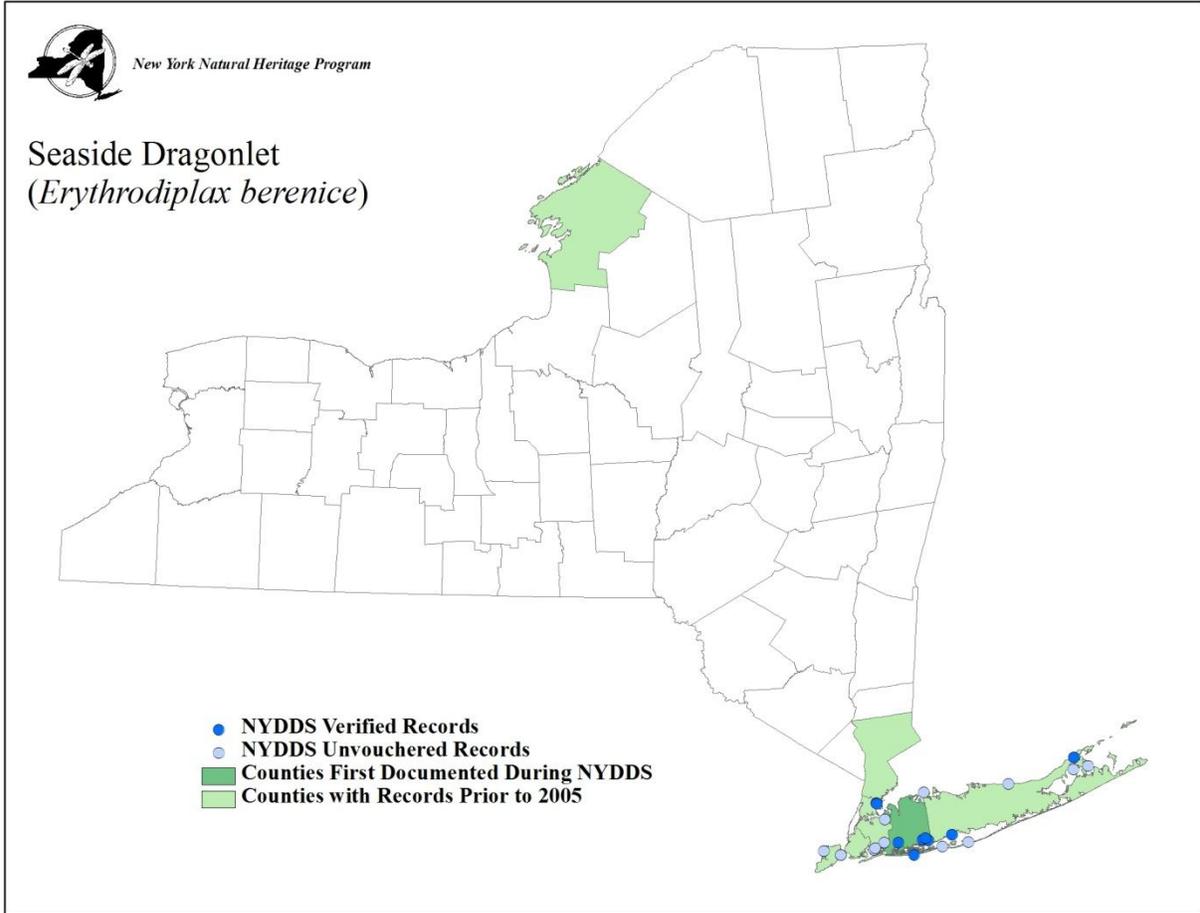


LIBELLULIDAE

Seaside Dragonlet (*Erythrodiplax berenice*)

Pre-NYDDS Status: G5, S3S4

Draft Revised Status: S2



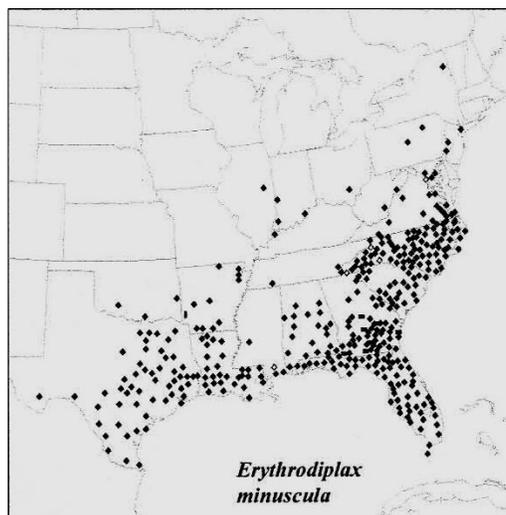
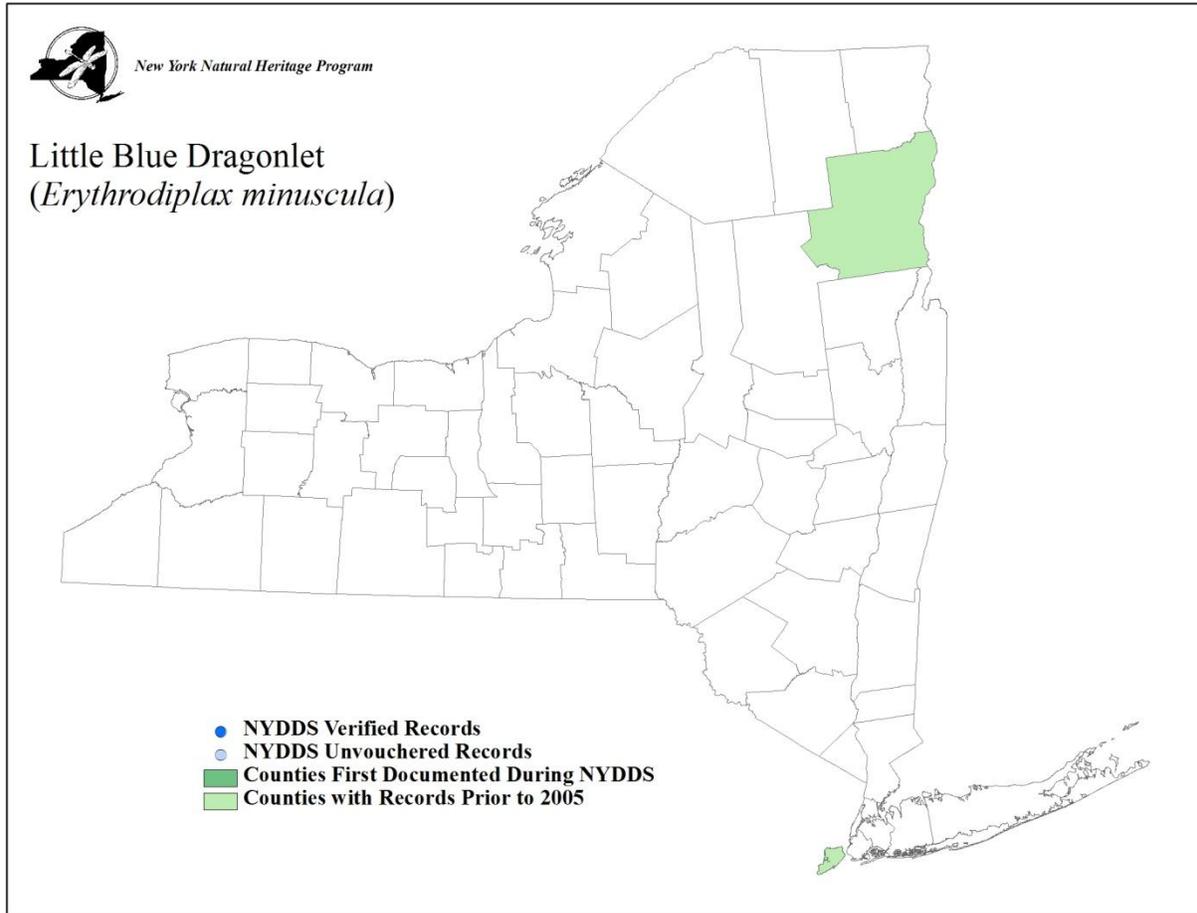
(Donnelly 2004d)



LIBELLULIDAE

Little Blue Dragonlet (*Erythrodiplax minuscula*)

Pre-NYDDS Status: G5, SNA



(Donnelly 2004d)

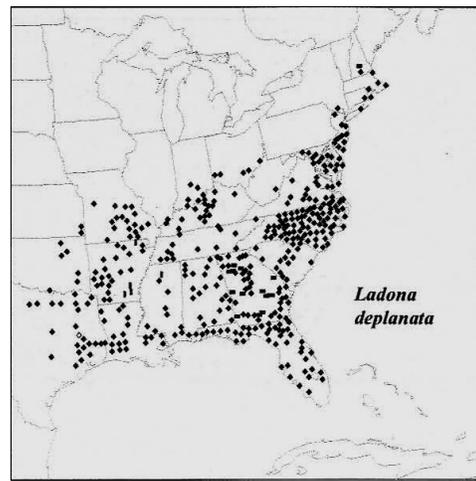
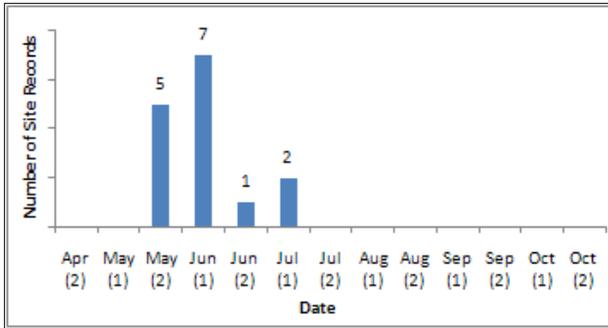
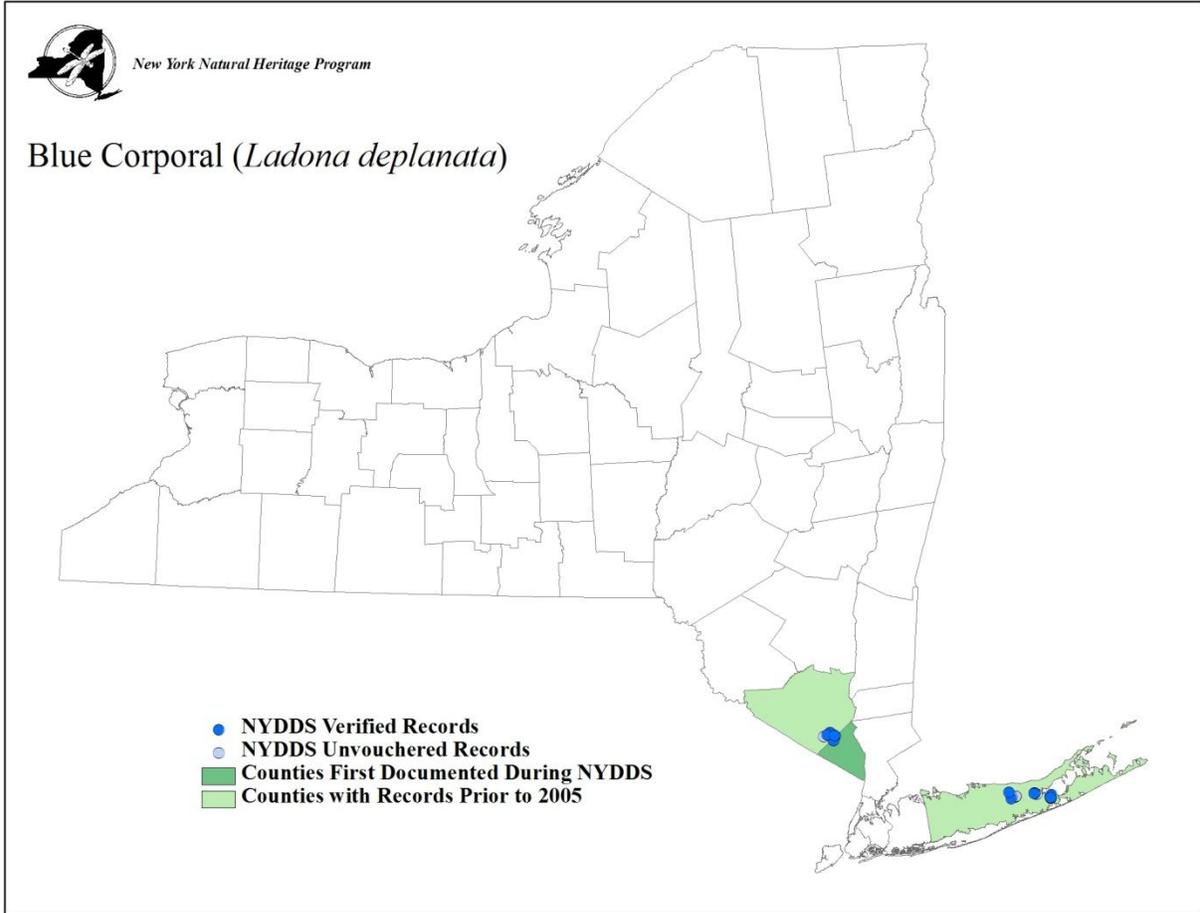


LIBELLULIDAE

Blue Corporal (*Ladona deplanata*)

Pre-NYDDS Status: G5, S4

Draft Revised Status: S2S3



(Donnelly 2004d)

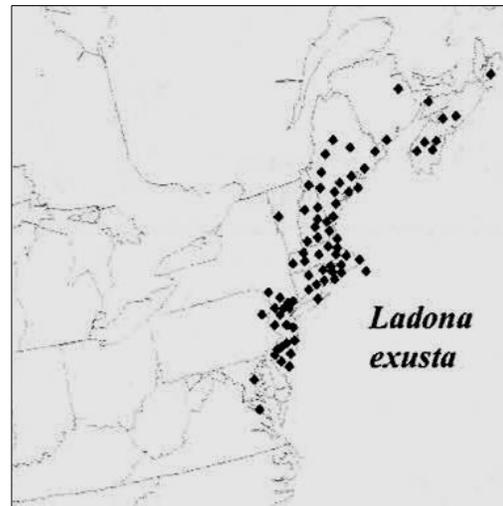
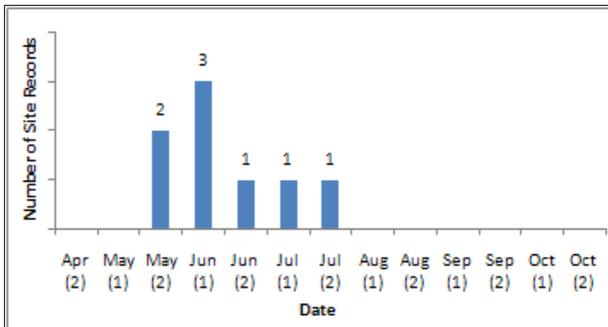
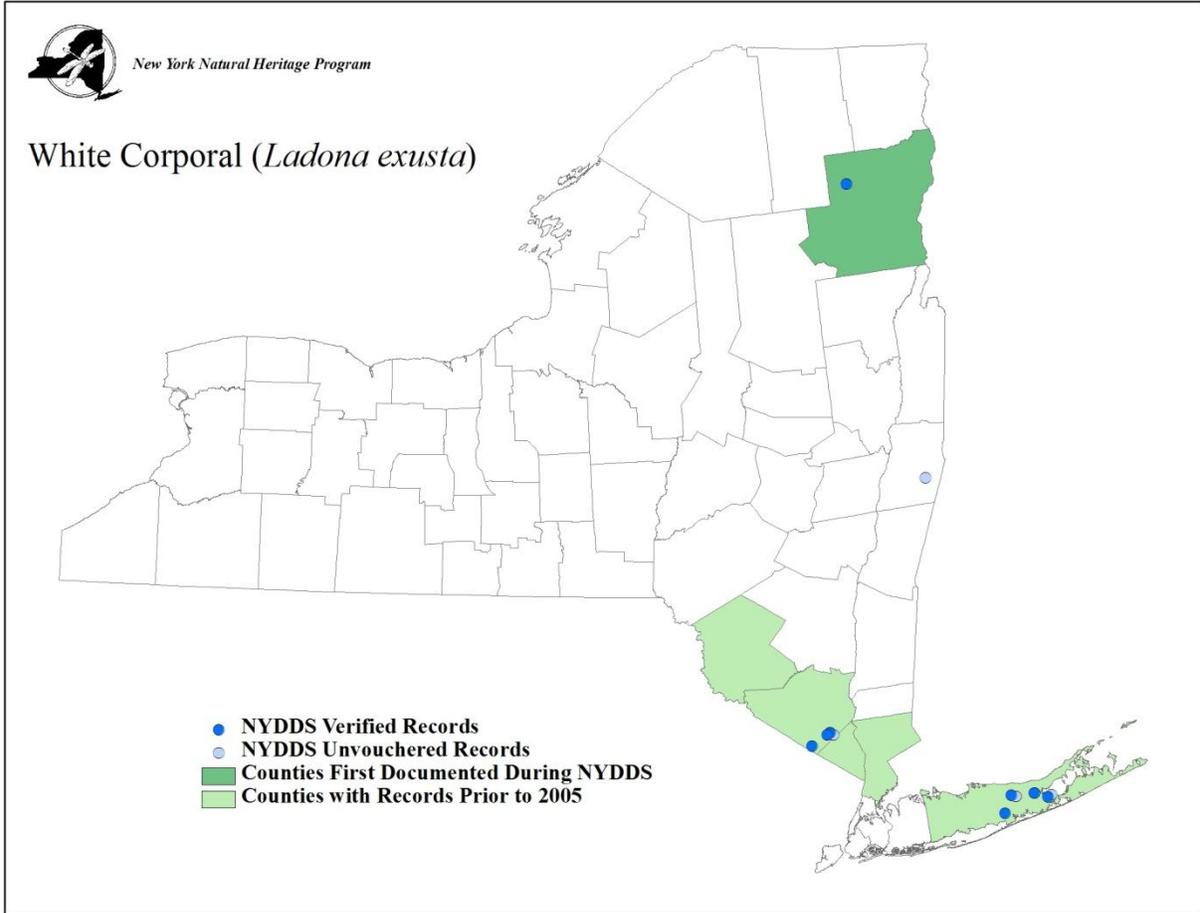


LIBELLULIDAE

White Corporal (*Ladona exusta*)

Pre-NYDDS Status: G4, S4

Draft Revised Status: S3



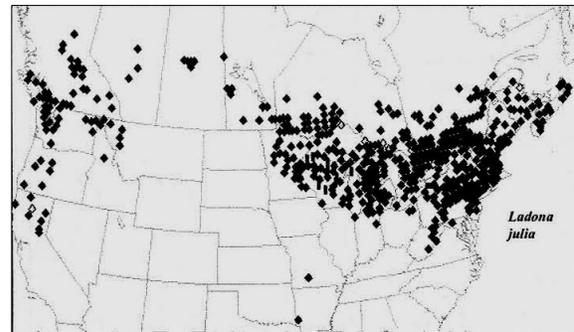
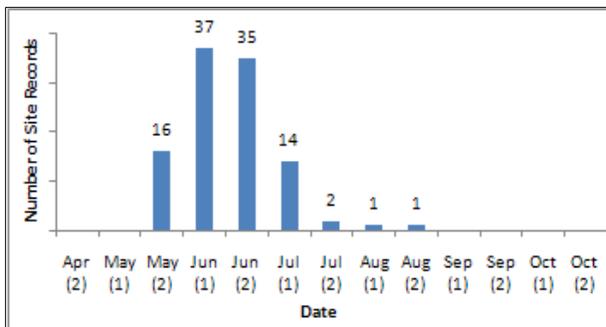
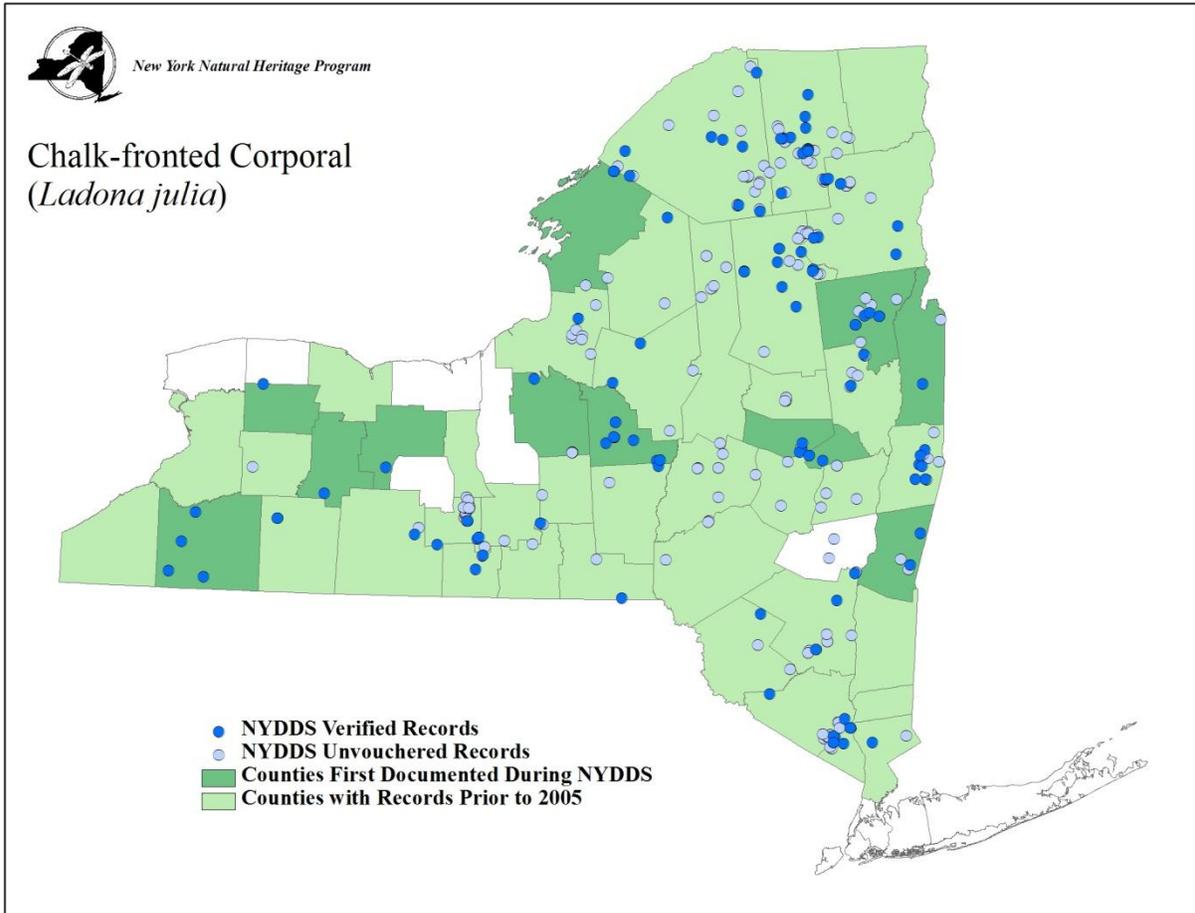
(Donnelly 2004d)



LIBELLULIDAE

Chalk-fronted Corporal (*Ladona julia*)

Pre-NYDDS Status: G5, S5



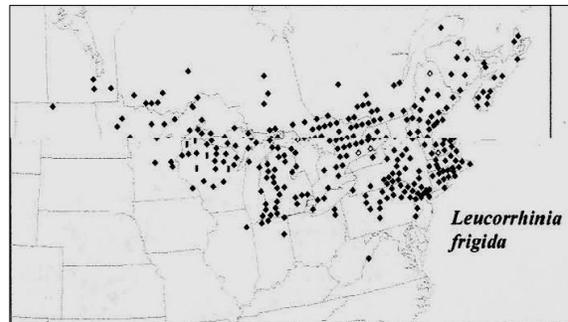
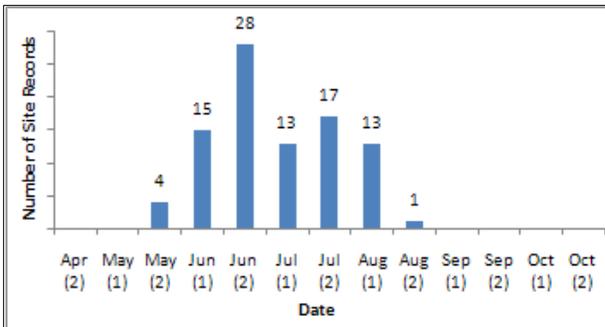
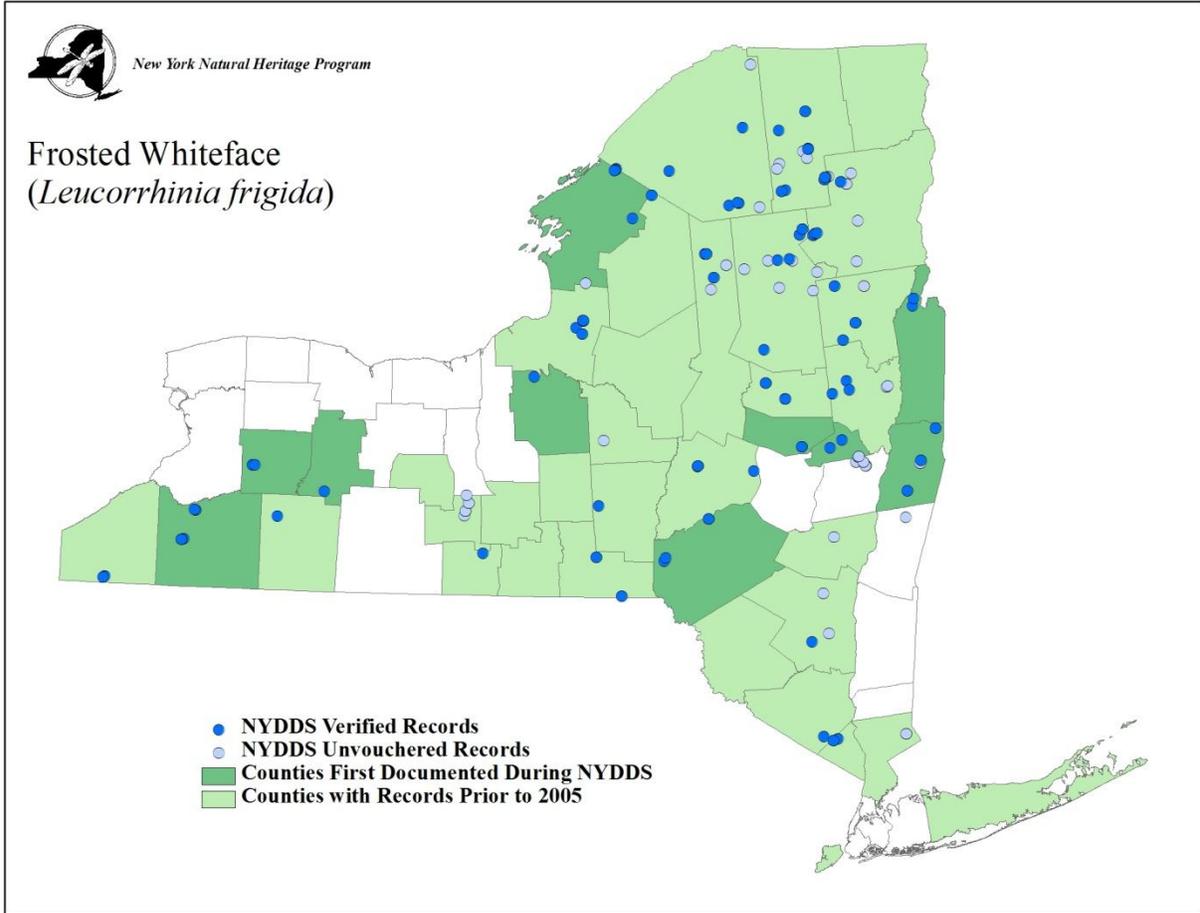
(Donnelly 2004d)



LIBELLULIDAE

Frosted Whiteface (*Leucorrhinia frigida*)

Pre-NYDDS Status: G5, S5



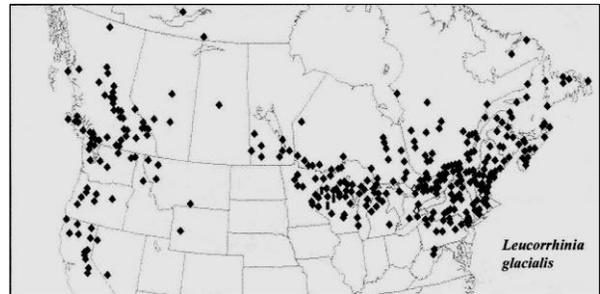
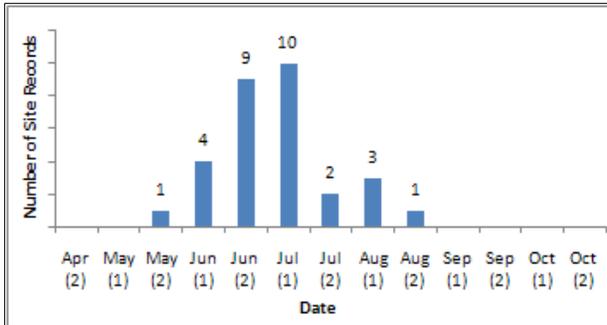
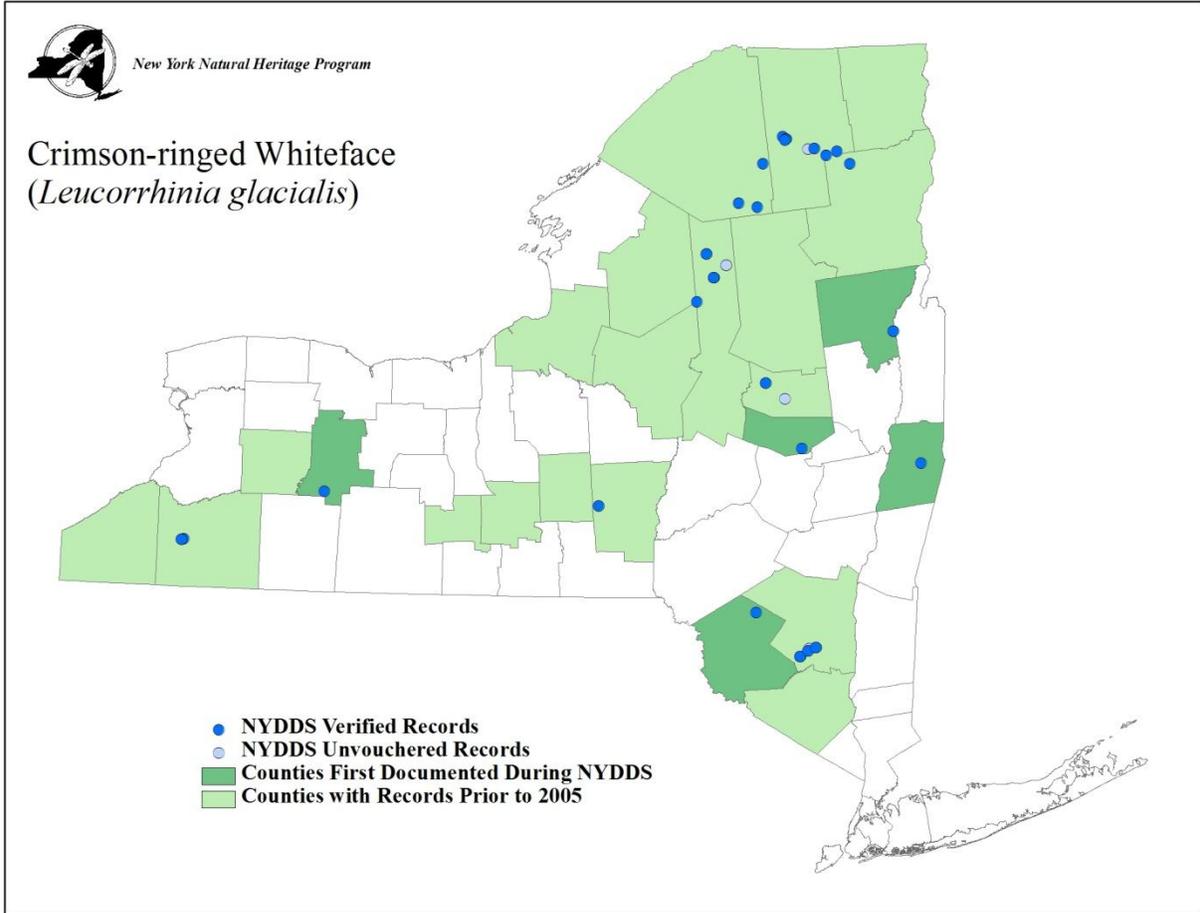
(Donnelly 2004d)



LIBELLULIDAE

Crimson-ringed Whiteface (*Leucorrhinia glacialis*)

Pre-NYDDS Status: G5, S4



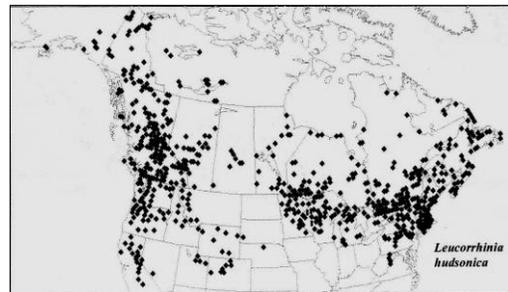
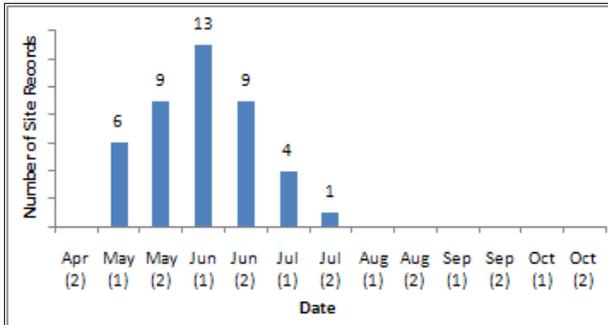
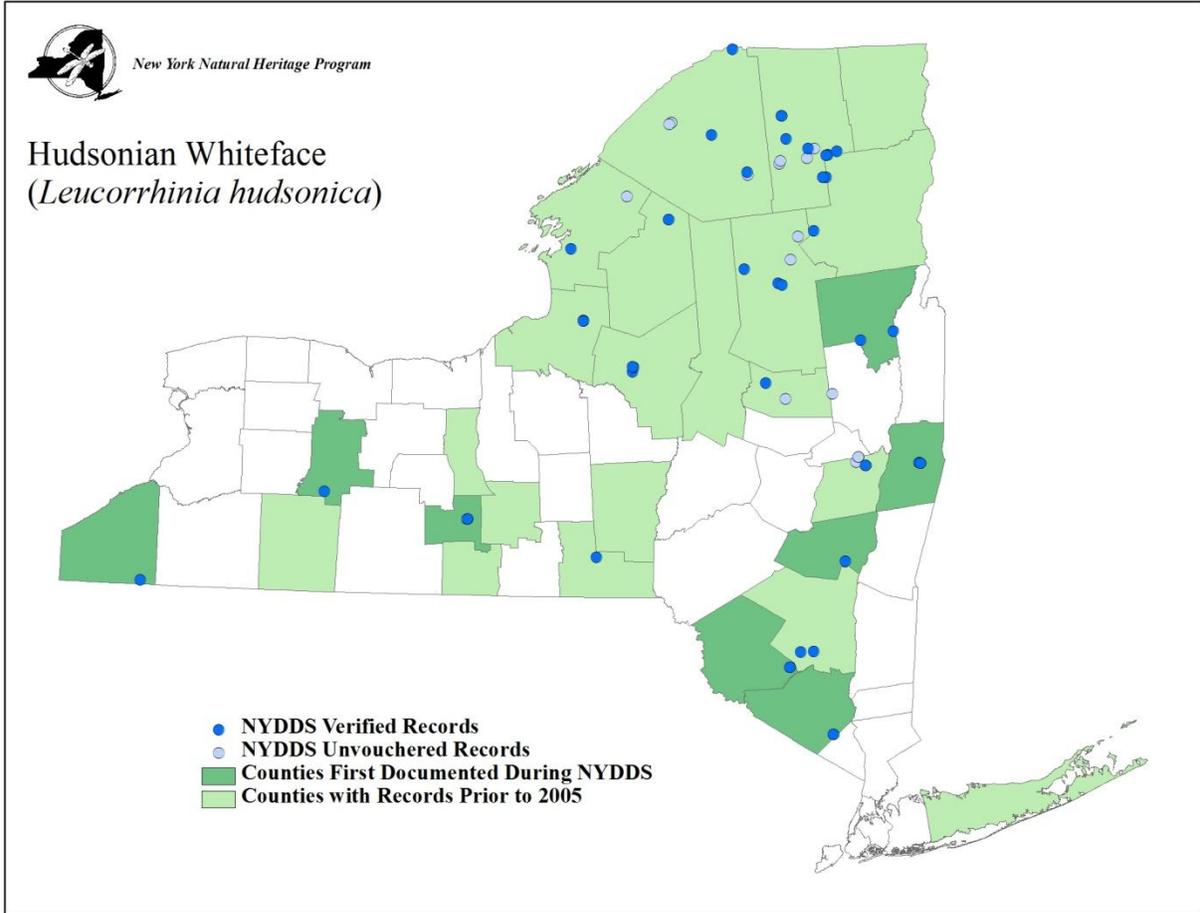
(Donnelly 2004d)



LIBELLULIDAE

Hudsonian Whiteface (*Leucorrhinia hudsonica*)

Pre-NYDDS Status: G5, S4



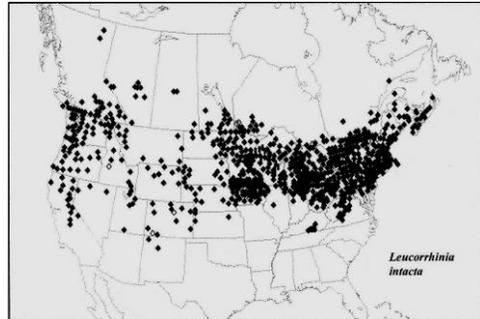
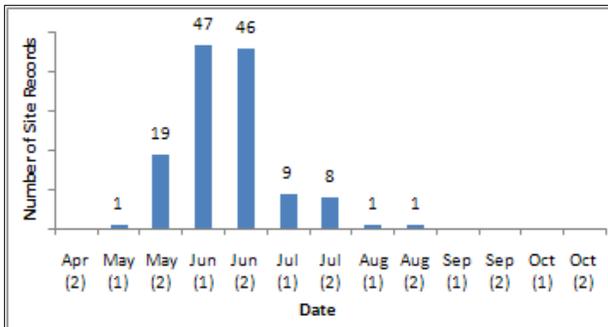
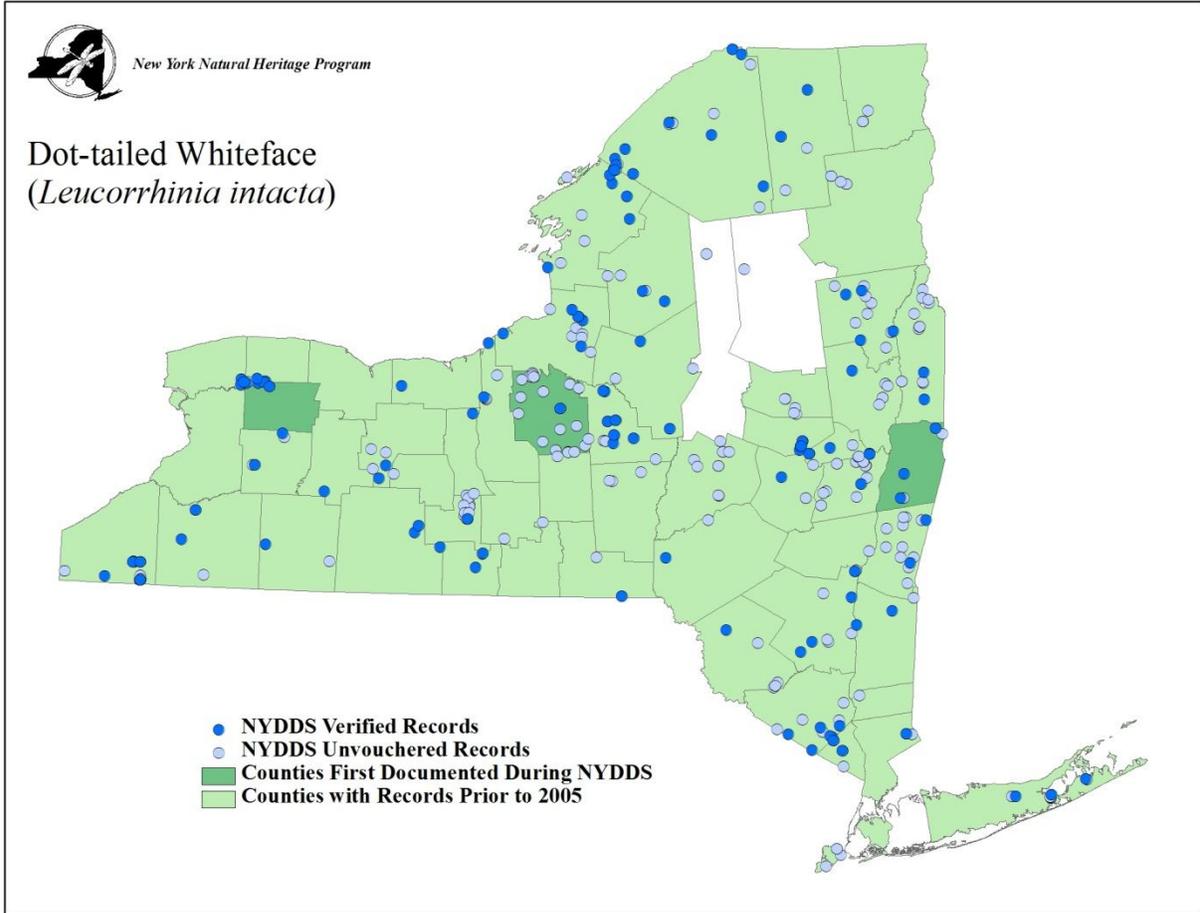
(Donnelly 2004d)



LIBELLULIDAE

Dot-tailed Whiteface (*Leucorrhinia intacta*)

Pre-NYDDS Status: G5, S5



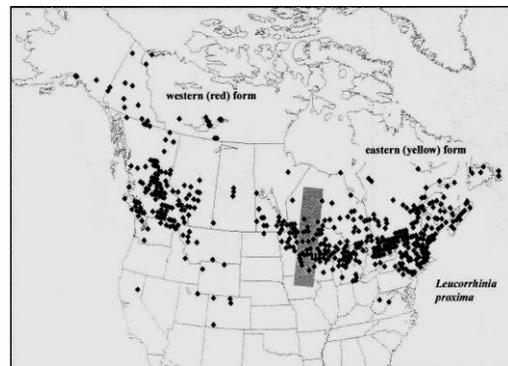
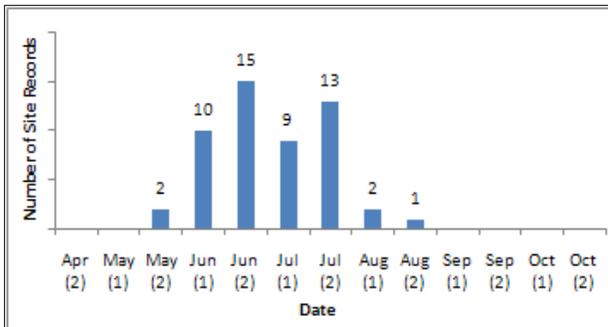
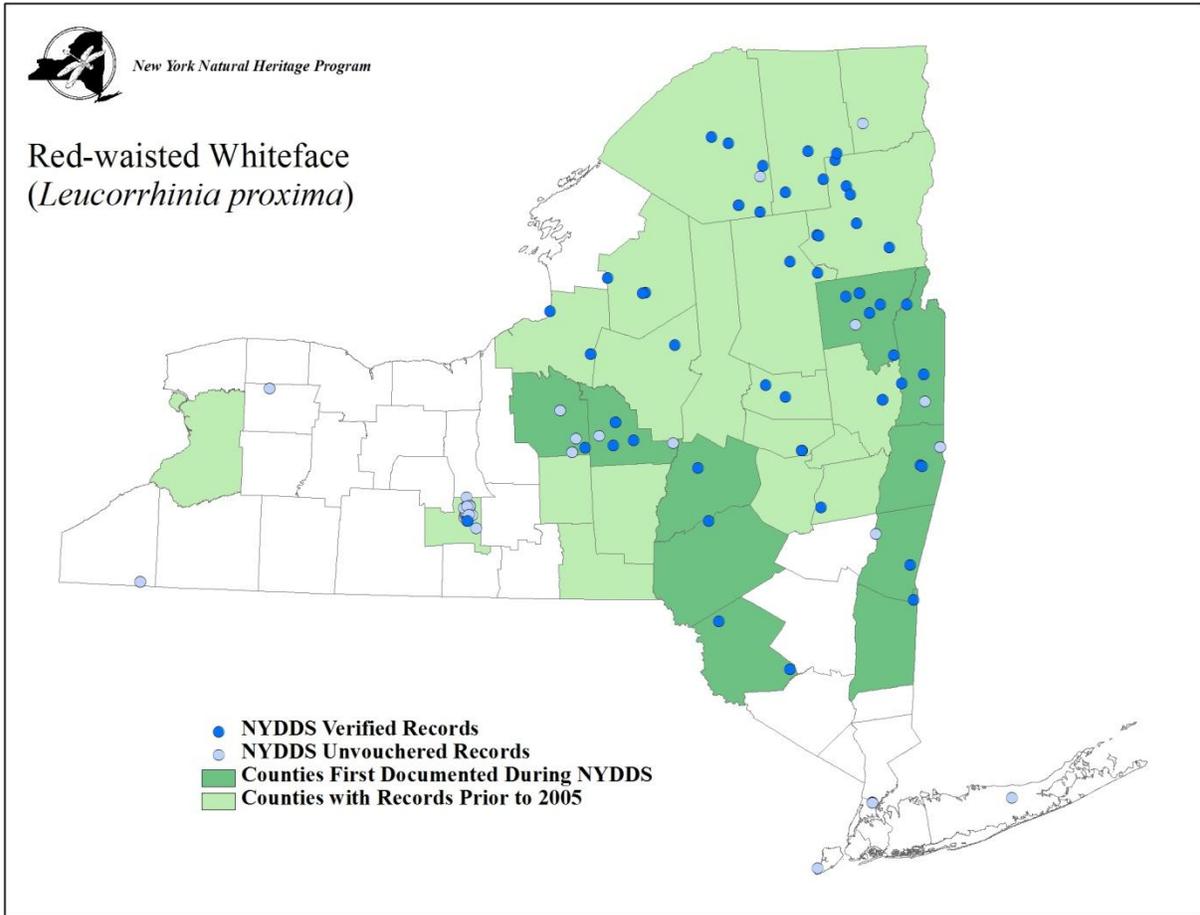
(Donnelly 2004d)



LIBELLULIDAE

Red-waisted Whiteface (*Leucorrhinia proxima*)

Pre-NYDDS Status: G5, S3S4



(Donnelly 2004d)

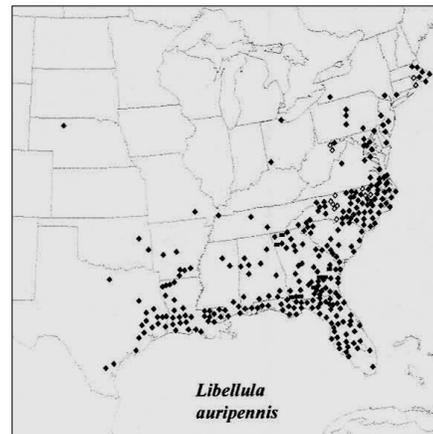
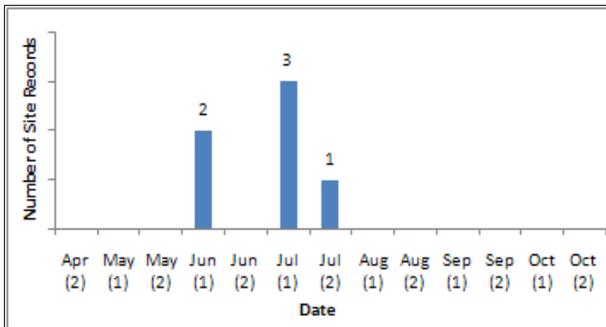
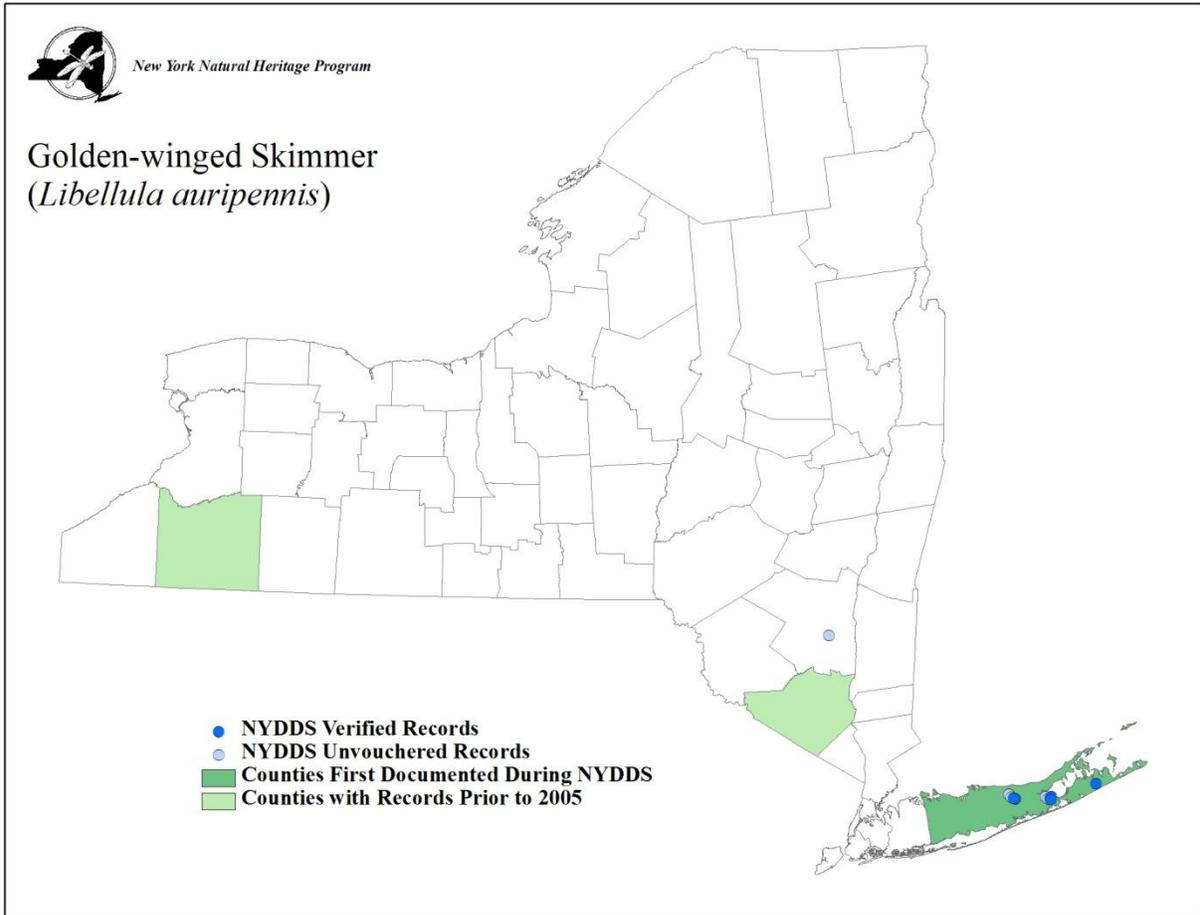


LIBELLULIDAE

Golden-winged Skimmer (*Libellula auripennis*)

Pre-NYDDS Status: G5, S1

Draft Revised Status: S1S2



(Donnelly 2004d)

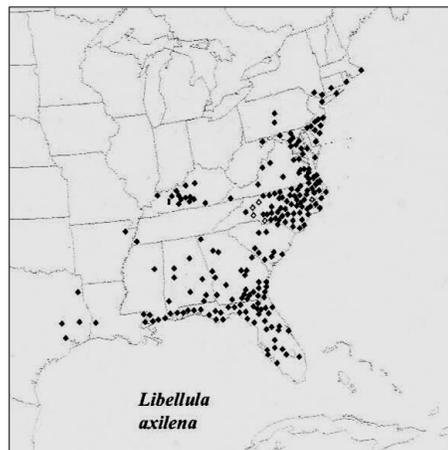
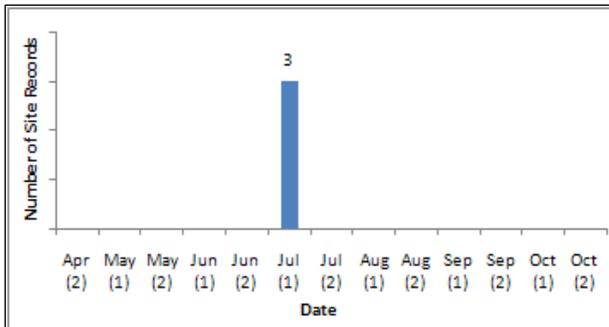
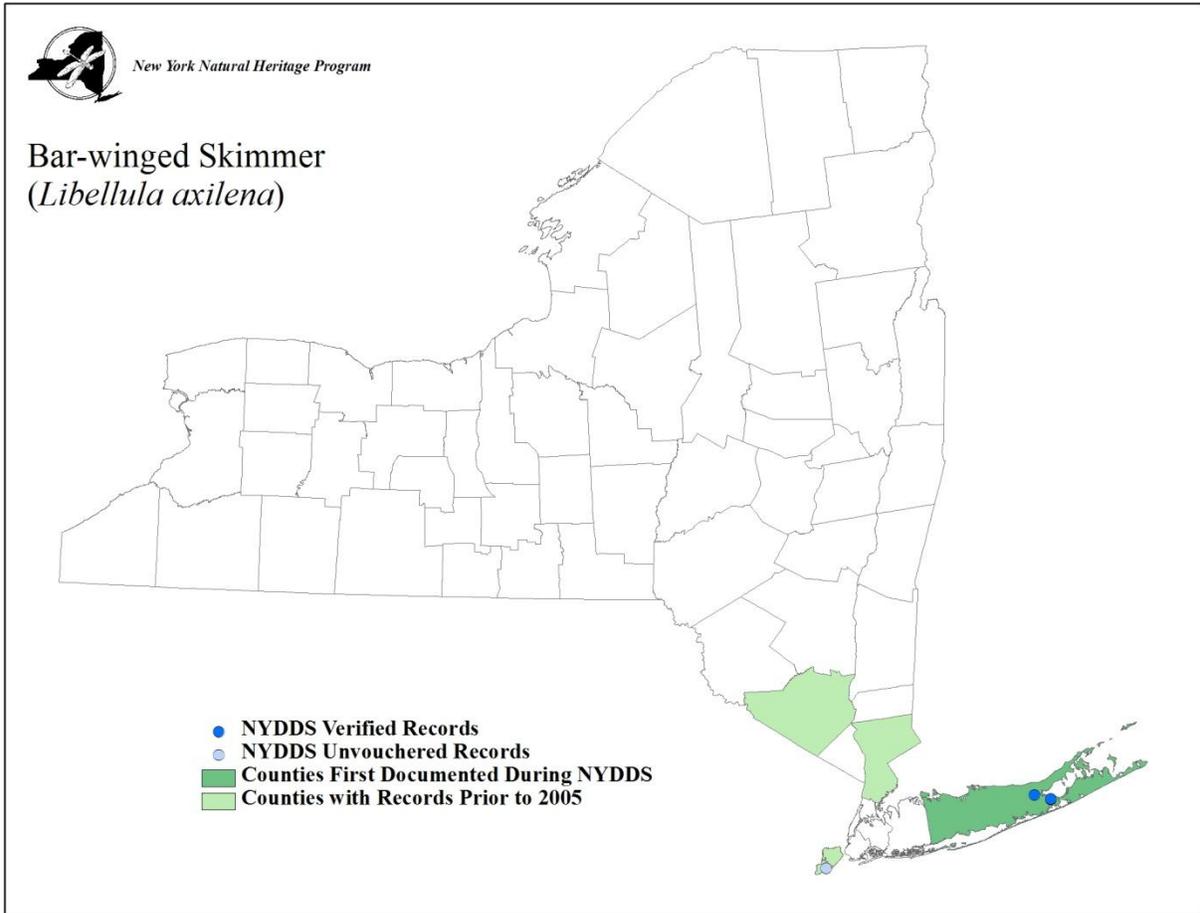


LIBELLULIDAE

Bar-winged Skimmer (*Libellula axilena*)

Pre-NYDDS Status: G5, SNA

Draft Revised Status: S1, if breeding confirmed



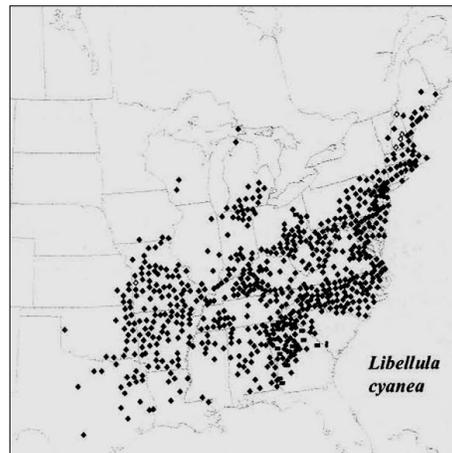
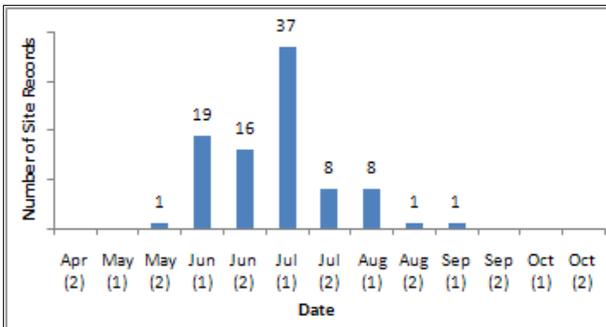
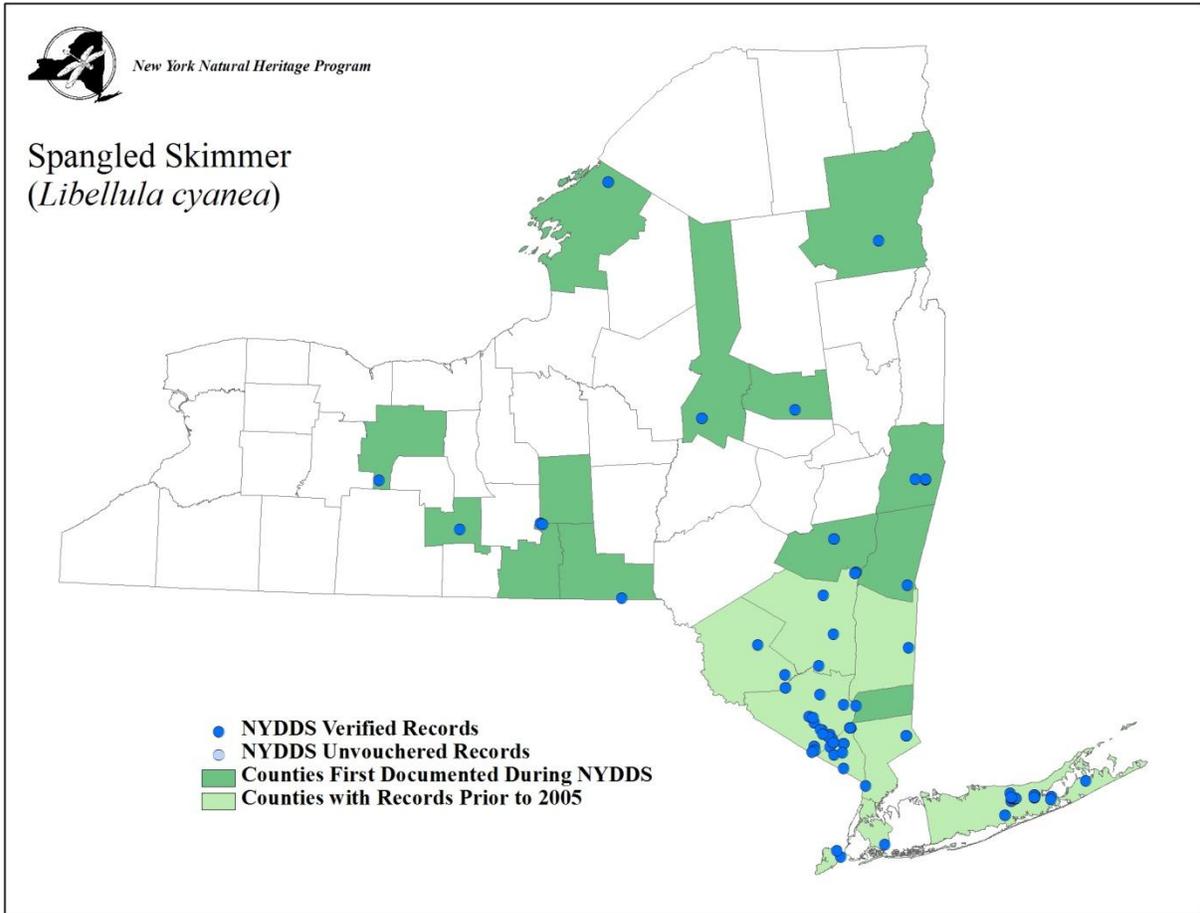
(Donnelly 2004d)



LIBELLULIDAE

Spangled Skimmer (*Libellula cyanea*)

Pre-NYDDS Status: G5, S4S5



(Donnelly 2004d)



LIBELLULIDAE

Yellow-sided Skimmer (*Libellula flavida*)

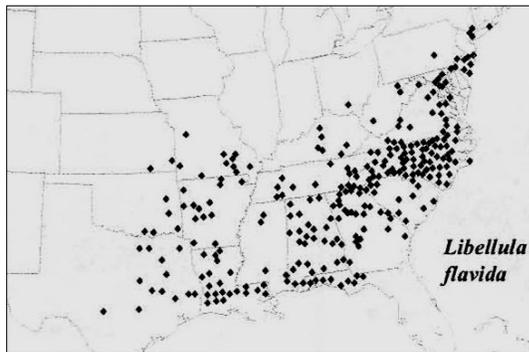
Pre-NYDDS Status: G5, S1

Draft Revised Status: S1

Habitat Characteristics: *Libellula flavida* is known to inhabit mucky or boggy seepages mainly along the coastal plain (Dunkle 2000). In New Jersey, they have been found in acidic bogs with Sphagnum moss, mainly in abandoned cranberry bogs and along the coastal plain (Barber 1999, Bangma & Barlow 2010). In New York, Donnelly (1999) noted that habitat where the species was previously known on Long Island has been degraded and there are no recent records. However, a stable population was first documented on Staten Island in 1997 in an area with habitat including sandy barrens and sphagnum bogs (Lederer 1997).



Patrick Coin



(Donnelly 2004d)

Distribution and Inventory Needs: Yellow-sided Skimmers have a known range in the U.S. from Texas north to Oklahoma and Missouri east to the Atlantic coast and north to southern New York (Abbott 2010). Thus, New York lies at the northern range extent for this species. Older records exist for Westchester and Suffolk counties and Staten Island (Donnelly 1999). One confirmed extant location is known for Clay Pit Ponds State Park Preserve on Staten Island near sphagnum bogs and sandy barrens (Lederer 1997). While this

site is located on state-owned protected land, efforts should be made to monitor this population with habitat and threat assessments. Two females have been observed by an experienced surveyor in Cranberry Bog County Park in Suffolk county since 2005 (Walter pers. Comm.). While the photo for this record is slightly uncertain since it could not be separated from an immature *L. incesta* by experts (Donnelly pers. Comm.), this site should be considered a probable site for this species and should be monitored. In addition, further searching in appropriate habitats and flight season at new locations in southern New York and Long Island may reveal other populations of this species.

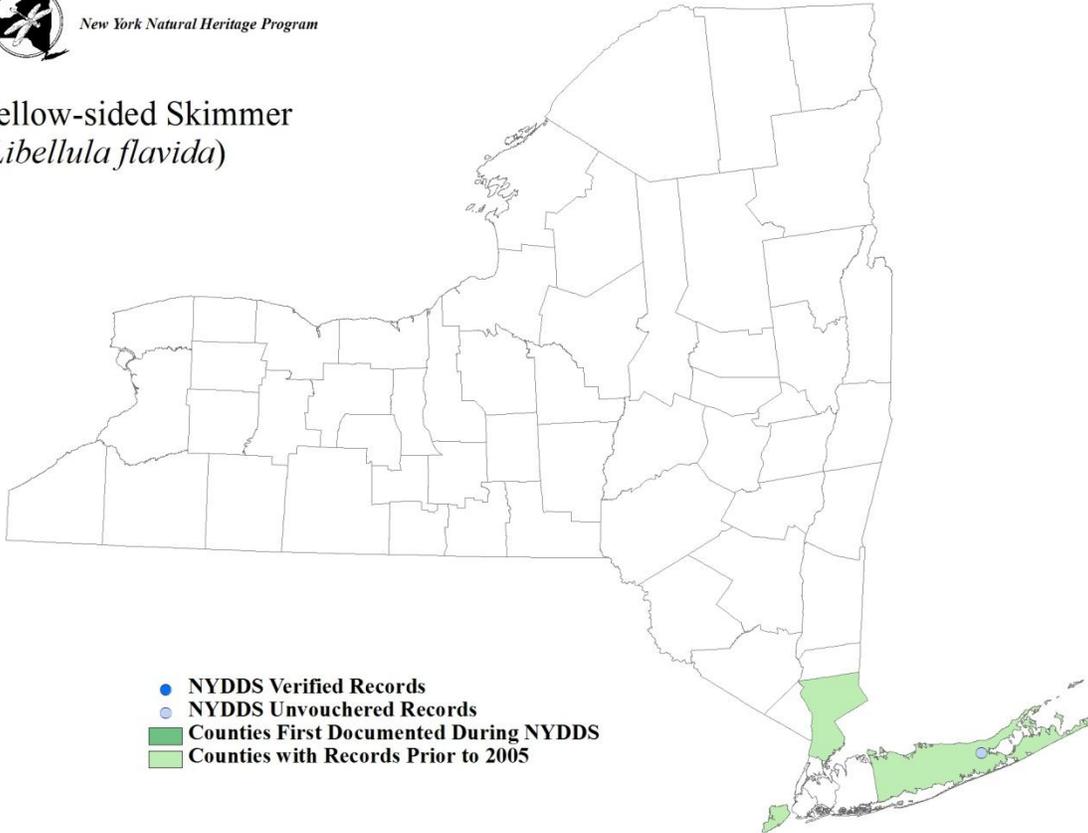
Phenology: In New York, Donnelly (1999) notes the flight season as June-July and Lederer's (1997) specimen was captured on July 19. The Suffolk county observation was July 3. Adults have been observed in New Jersey from May 11 to September 4 (Bangma & Barlow 2010) and they are known throughout their range to fly from mid-March to early October (Dunkle 2000).





New York Natural Heritage Program

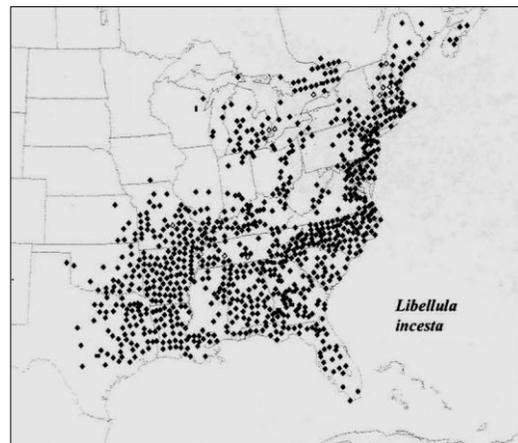
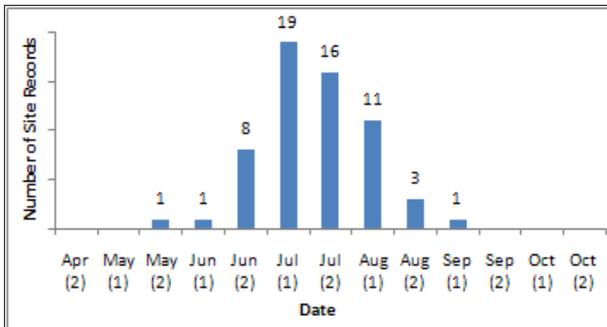
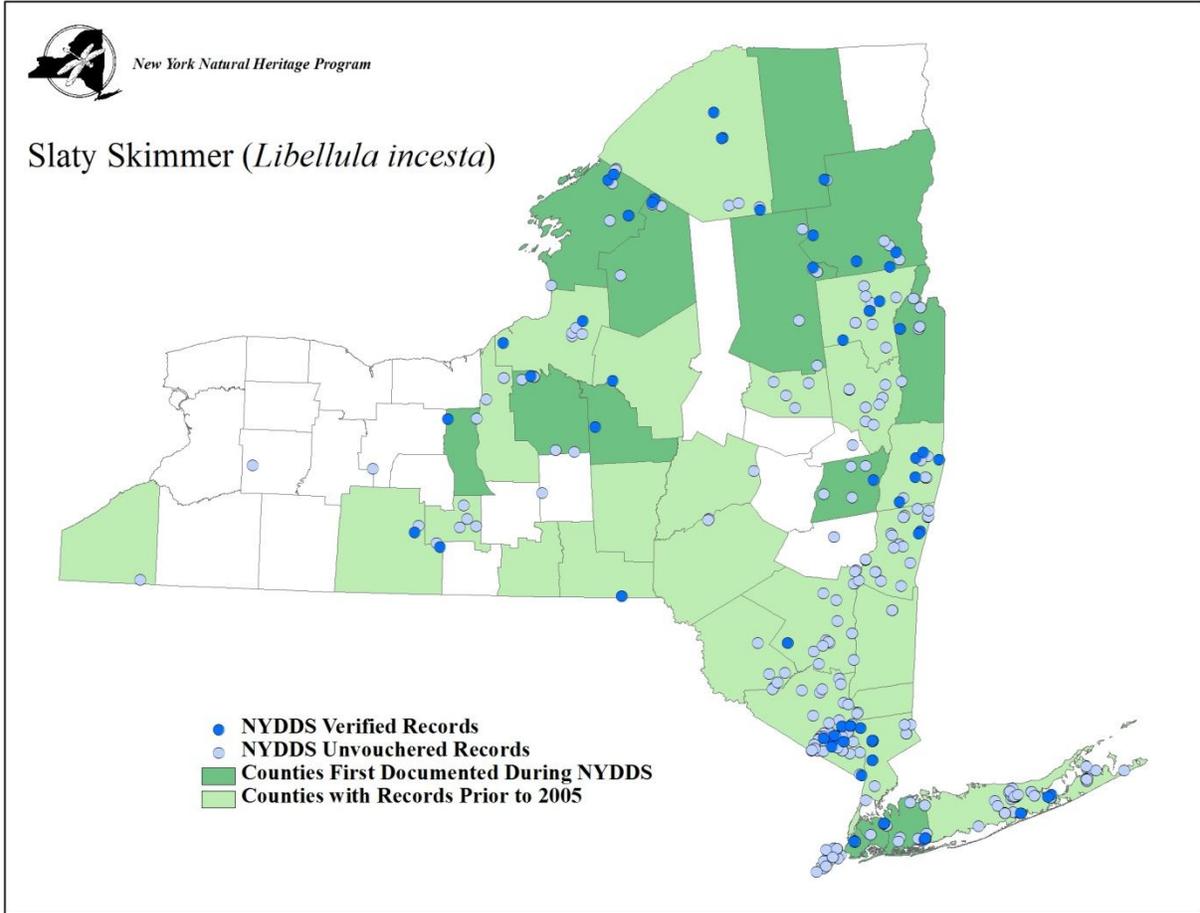
Yellow-sided Skimmer (*Libellula flavida*)



LIBELLULIDAE

Slaty Skimmer (*Libellula incesta*)

Pre-NYDDS Status: G5, S5



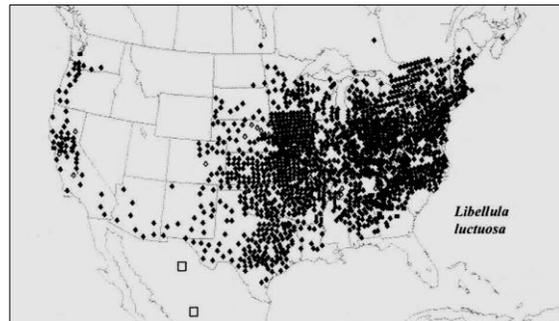
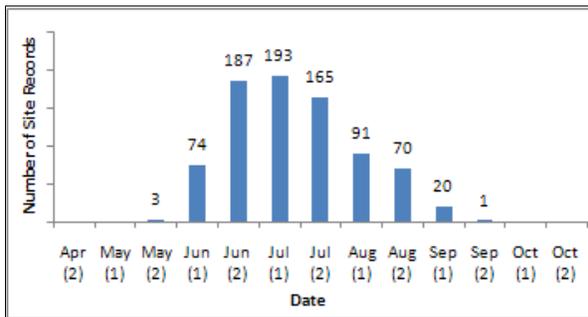
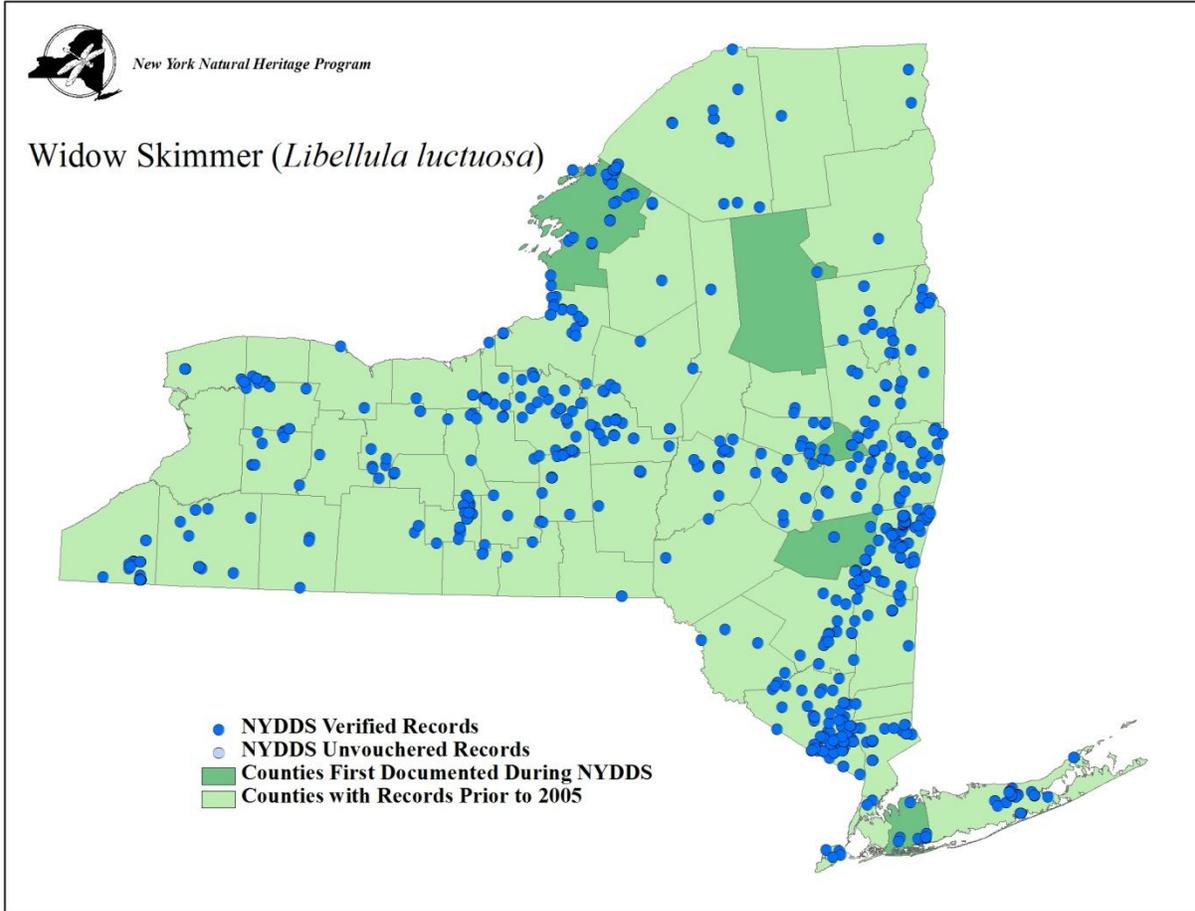
(Donnelly 2004d)



LIBELLULIDAE

Widow Skimmer (*Libellula luctuosa*)

Pre-NYDDS Status: G5, S5



(Donnelly 2004d)



LIBELLULIDAE

Needham's Skimmer (*Libellula needhami*)

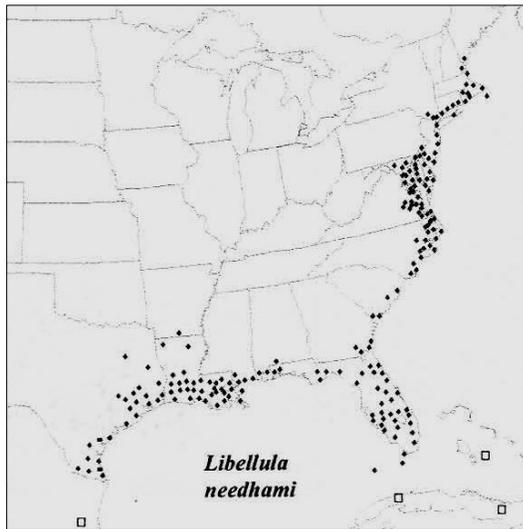
Pre-NYDDS Status: G5, S2S3

Draft Revised Status: S3

Habitat Characteristics: Needham's Skimmer is known to inhabit brackish backwaters, marshes, lakes, ponds, tidal rivers, and canals throughout its range (Dunkle 2000, Pennsylvania Natural Heritage Program 2010a). In New York, most NYDDS sightings occurred near marshes, ponds, and rivers and included sites with brackish water.



Alan W. Wells 2006



(Donnelly 2004d)

Distribution and Inventory Needs: *Libellula needhami* is found along the southern United States that border the Gulf of Mexico, then along the Atlantic coastline northward to southern Maine (Abbott 2010, Pennsylvania Natural Heritage Program 2010a). It is also found ranging from the southern United States to Quintana Roo, Mexico, in the Florida Keys, Cuba, and the Bahamas (Dunkle 2000). In New York, it is found in the southern counties of Westchester, Putnam, Orange, Rockland, Richmond, Kings, Queens, Nassau and Suffolk (Donnelly 1999) It has been confirmed in at least 16 locations across these counties and observed in at least nine other locations, many of which were documented since 1997 (New York Natural Heritage Program 2010). The effort from the NYDDS added a number of new records for

this species. The species is still estimated to be an S3 (vulnerable) based on this new information and sites should be monitored to document population numbers, trends, and threats at known sites where they have been observed.

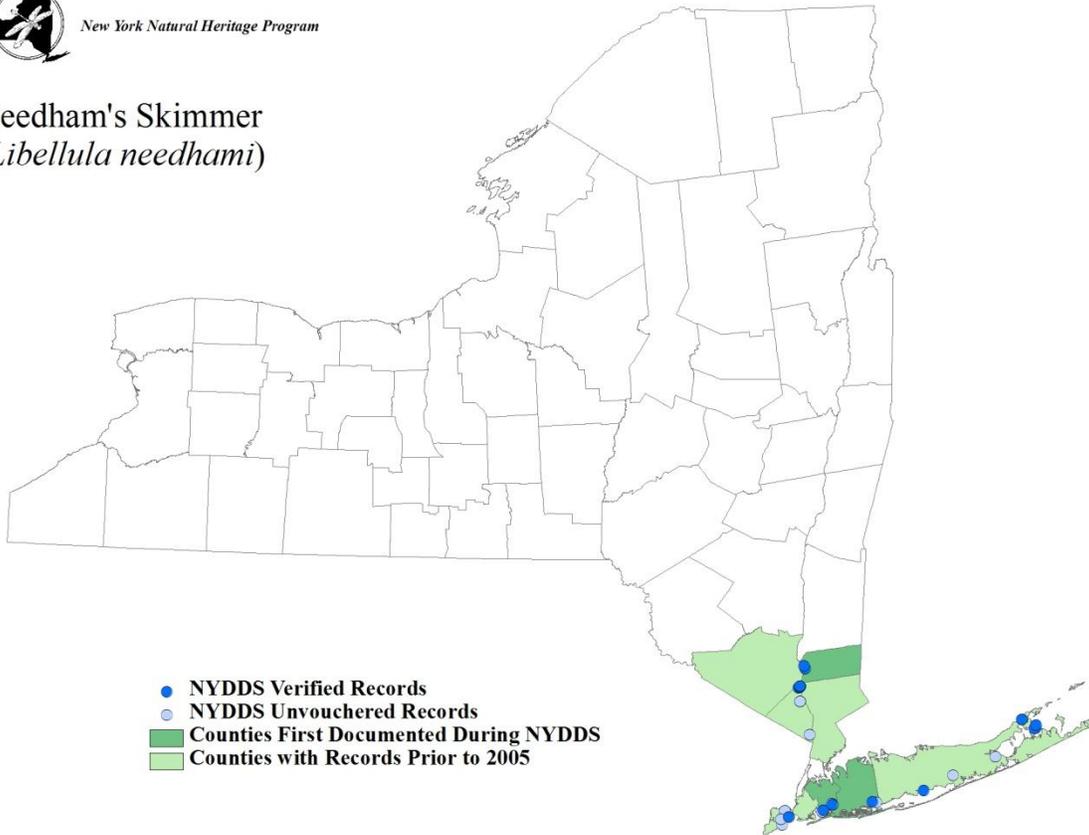
Phenology: In New Jersey, *L. needhami* is known to be on the wing from May 19 to September 20 (Bangma & Barlow 2010). During the NYDDS, New York adults were confirmed from June 21 through September 5 and pre-NYDDS records indicate that adults have been observed in New York as early as May (Donnelly 1999).



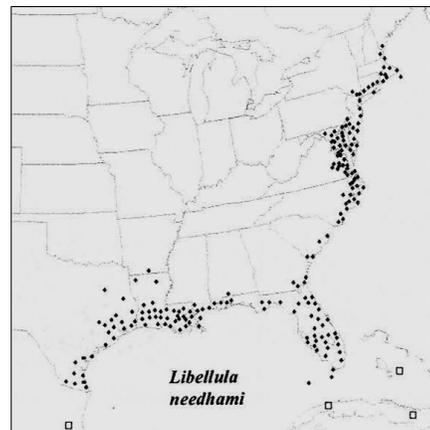
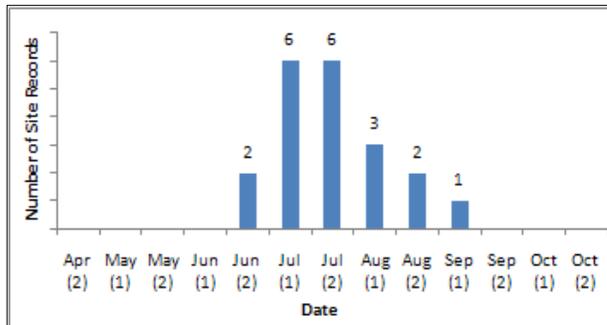


New York Natural Heritage Program

Needham's Skimmer (*Libellula needhami*)



- NYDDS Verified Records
- NYDDS Unvouchered Records
- Counties First Documented During NYDDS
- Counties with Records Prior to 2005



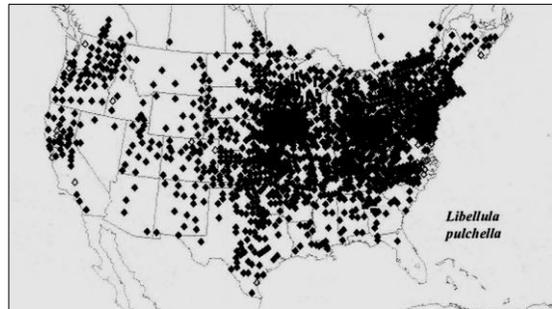
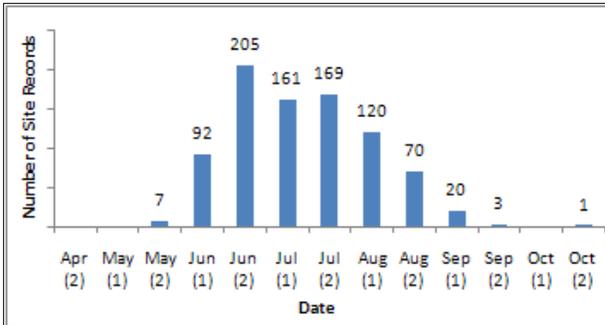
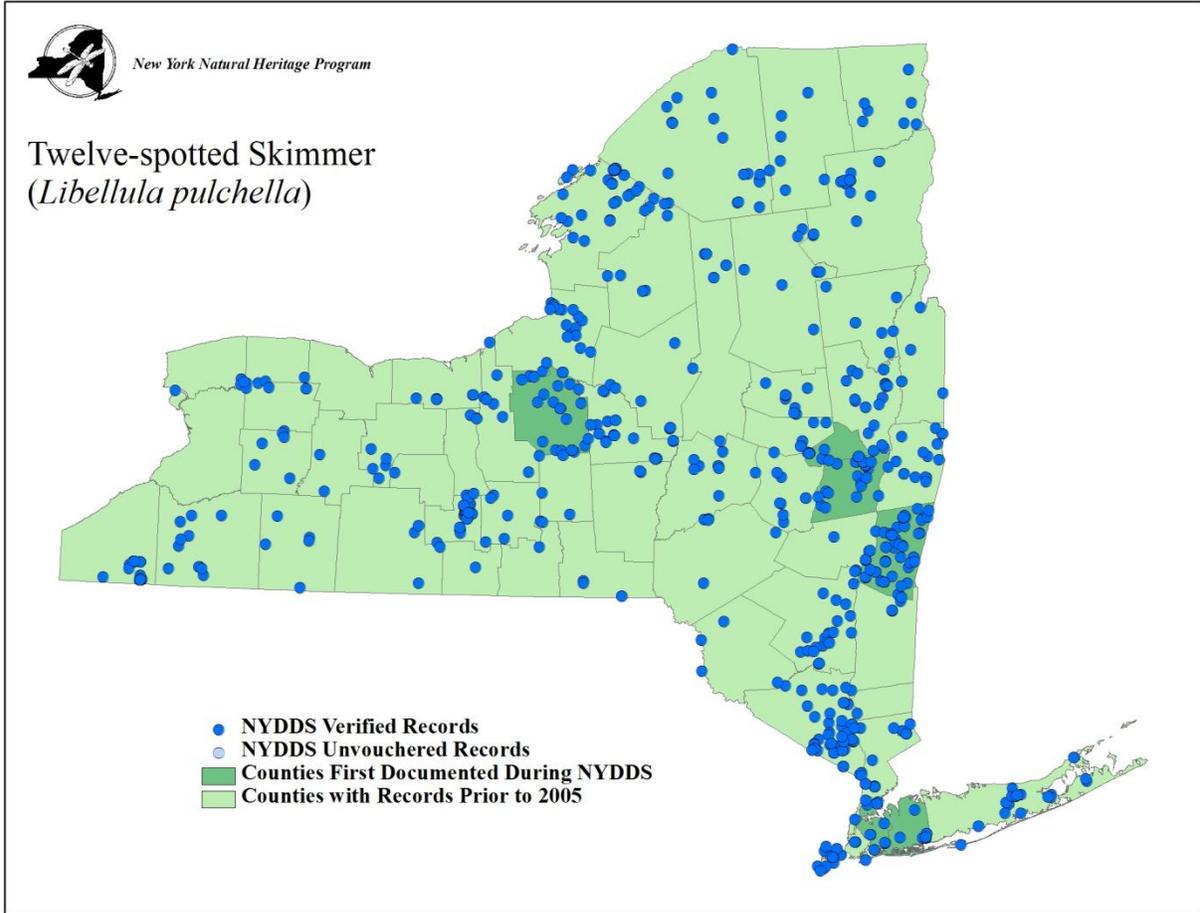
(Donnelly 2004d)



LIBELLULIDAE

Twelve-spotted Skimmer (*Libellula pulchella*)

Pre-NYDDS Status: G5, S5



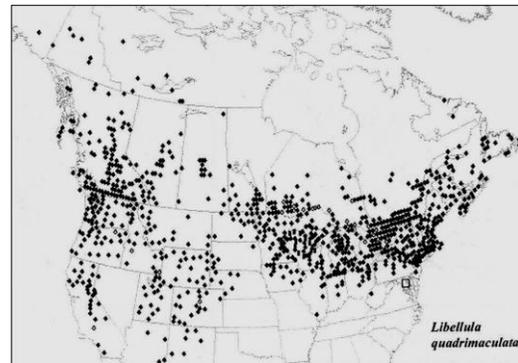
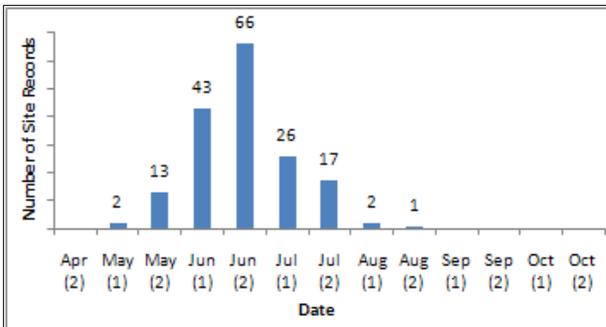
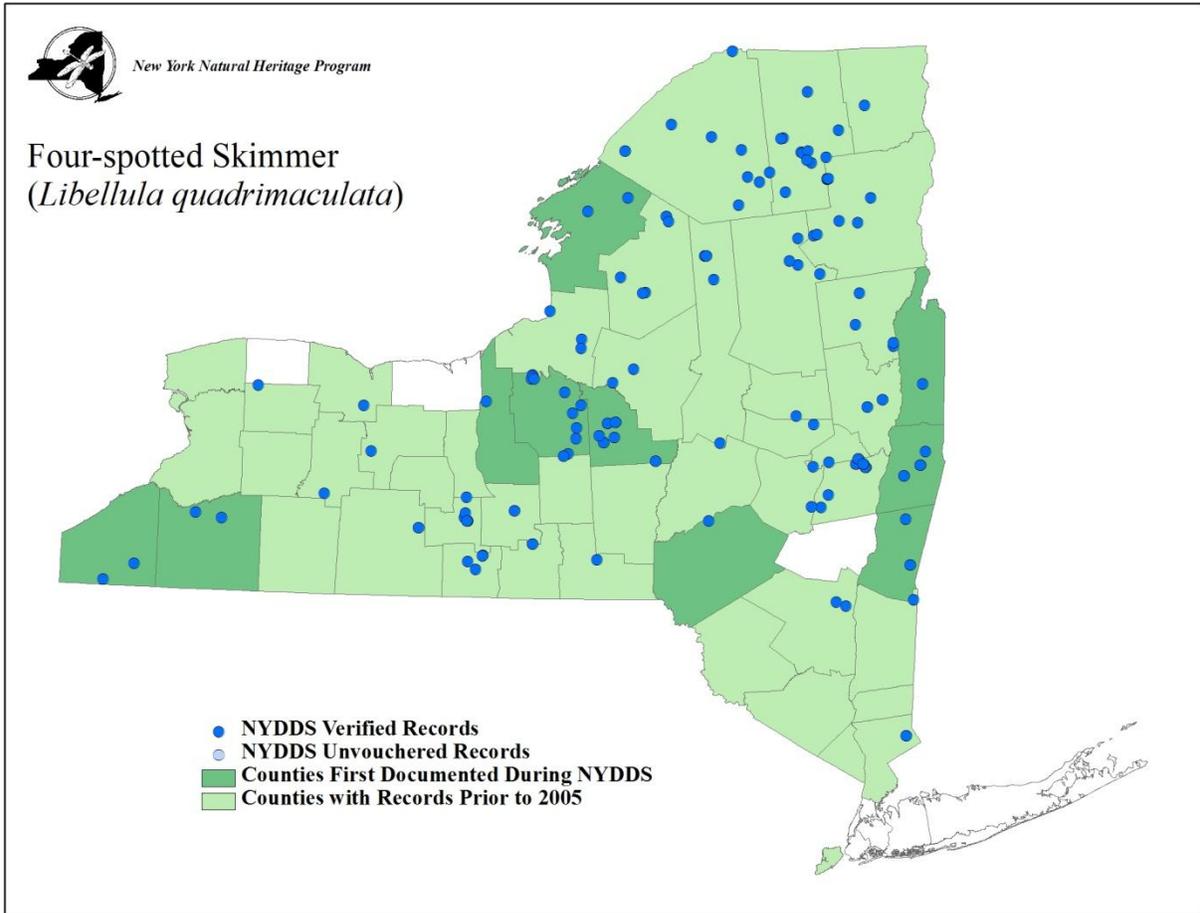
(Donnelly 2004d)



LIBELLULIDAE

Four-spotted Skimmer (*Libellula quadrimaculata*)

Pre-NYDDS Status: G5, S5



(Donnelly 2004d)

