

	A	B	C	D	E
1	SPECIES	North	Central	South	Total
2					
3	6/24/2000				
4					
5	Swallowtails				
6	Pipevine Swallowtail	1			1
7	Black Swallowtail	2			3
8	Eastern Tiger Swallowtail	3	2	6	11
9	Spicebush Swallowtail	3	1	1	5
10					
11	Whites				
12	Cabbage White	650	540	341	1531
13					
14	Sulphurs				
15	Clouded Sulphur		6		6
16	Orange Sulphur	15	41	25	81
17					
18	Hairstreaks				
19	Banded Hairstreak		1		1
20	Striped Hairstreak		1		1
21					
22	Blues				
23	Eastern Tailed-blue	6	12	7	25
24	Summer Azure	2	1		3
25					
26	Brush-foots - Heliconians/Fritillaries				
27	Variegated Fritillary	1			1
28	Great Spangled Fritillary	26	29	41	96
29	Meadow Fritillary			4	4
30					
31	True Brush-foots				
32	Pearl Crescent		1		1
33	Baltimore Checkerspot	1			1
34	Question Mark	3		2	5
35	Eastern Comma	5	4	2	11
36	Mourning Cloak		2		2
37	American Lady	3	4		7
38	Red Admiral	24	16	2	42
39					
40	Admirals and Relatives				
41	Viceroy	11			11
42					
43	Satyr				
44	Eyed Brown		2		2
45	Little Wood Satyr		1	4	5
46	Common Ringlet			1	1
47					
48	Monarch				
49	Monarch	8	6	2	16
50					
51					
52	Skippers - Spreadwings				
53	Horace's Duskywing			1	1
54	Common Checkered Skipper	1			1

	A	B	C	D	E
55					
56	Skippers - Grass Skippers				
57	Least Skipper	26	39	5	70
58	European Skipper	23	52	36	111
59	Peck's Skipper	1			1
60	Little Glassywing	1			1
61	Delaware Skipper	1			1
62	Zabulon Skipper	2			2
63					
64	Total Species	24	20	16	34
65	Total Butterflies	819	761	481	2061

2000 FINAL TALLY

2000 Count Name, State/Prov. Wallkill River National Wildlife Refuge, New Jersey
 Year count held & submitted for publication (1st, 2nd, etc.):
 CENTER AT (latitude) 41° 14' N, (longitude) 74° 35' W
 CENTER AT (describe in words) 1547 County Rt. 565 Sussex, NJ

includes (in circle - 1st year count only)

(A map should accompany first year counts.)

Elevation: (low) 400 to (high) 650 m (circle unit of measure)

Habitat (of area counted - 1st year count only): Old fields, roadsides, wet meadows

DATE: 6-24-2000 TIME: 9:30 to 3:30

AM: (circle appropriate words:) clear mostly clear hazy some fog partly cloudy mostly cloudy intermittent light moderate heavy drizzle rain hail; % time in AM sun was shining: %

PM: (circle appropriate words:) clear mostly clear hazy some fog partly cloudy mostly cloudy intermittent light moderate heavy drizzle rain hail; % time in PM sun was shining: %

TEMPERATURE: 75 to 86 °F °F = (C x 1.8) + 32
 WIND direction NE, 5 to 8 mi/hr mi = km x 0.6214

13 OBSERVERS (including 0 garden watchers and 0 children under 12) in 0 to 0 PARTIES.

TOTAL PARTY-HOURS 16 (by garden watchers, on foot, by car, by)

TOTAL PARTY-MILES 43.5 (by car, by)

COMPILER'S NAME: Bethany Campbell

address: Wallkill River National Wildlife Refuge

city, state/prov., zip: Sussex, NJ 07461

e-mail: Bethany_Campbell@fws.gov

(Address and e-mail are for publication.)
 phone, work: (973) 702-7166 home: same

May your phone number(s) be published?
 OBSERVERS (alphabetically): Observer names (initial of first name and full last name) must be listed here. Attach another sheet (or second copy of participants list) if needed.

Attachment

CONSERVATION STATUS OF AREA COUNTED

Uses of land (1st year count only): Public conservation

Imminent threats to habitat: Invasive species

Changes noticed since last year: first year count

*** ADULT BUTTERFLIES ***

If a species is not listed, write it in on a blank line.

To indicate a subspecies, write it in after the species name.

PAPILIONIDAE - Swallowtails

- 1 *Parnassius clodius* Clodius Parnassian
- 1 *Parnassius phoebus* Phoebus Parnassian
- 1 *Battus philenor* Pipevine Swallowtail
- 1 *Battus polydamas* Polydamas Swallowtail
- 1 *Eurytides marcellus* Zebra Swallowtail
- 3 *Papilio polyxenes* (includes *kahli*) Black Swallowtail
- 1 *Papilio joanae* Ozark Swallowtail
- 1 *Papilio bairdii* Baird's Swallowtail
- 1 *Papilio machaon* Old World Swallowtail
- 1 *Papilio zelicaon* Anise Swallowtail
- 1 *Papilio indra* Indra Swallowtail
- 1 *Papilio cressphontes* Giant Swallowtail
- 11 *Papilio glaucus* Eastern Tiger Swallowtail
- 1 *Papilio canadensis* Canadian Tiger Swallowtail
- 1 *Papilio rutulus* Western Tiger Swallowtail
- 1 *Papilio multicaudata* Two-tailed Swallowtail
- 1 *Papilio eurymedon* Pale Swallowtail
- 5 *Papilio troilus* Spicebush Swallowtail
- 1 *Papilio palamedes* Palamedes Swallowtail

PIERIDAE - Whites & Sulphurs

- 1 *Neophasia menapia* Pine White
- 1 *Appias drusilla* Florida White
- 1 *Pontia beckerii* Becker's White
- 1 *Pontia sisymbrii* Spring White
- 1 *Pontia protodice* Checkered White
- 1 *Pontia occidentalis* Western White
- 1 *Pieris napi* Mustard White
- 153 *Pieris rapae* Cabbage White
- 1 *Ascia monuste* Great Southern White
- 1 *Euchloe ausonides* Large Marble
- 1 *Euchloe hyantis* Pearly Marble
- 1 *Euchloe olympia* Olympia Marble
- 1 *Anthocharis cethura* Desert Orangetip
- 1 *Anthocharis sara* Sara Orangetip
- 1 *Anthocharis lanceolata* Gray Marble

- 6 *Colias philodice* Clouded Sulphur
- 81 *Colias eurytheme* Orange Sulphur
- 1 *Colias occidentalis* Western Sulphur
- 1 *Colias alexandra* Queen Alexandra's Sulphur (incl. *harfordii*)
- 1 *Colias meadii* Mead's Sulphur
- 1 *Colias scudderi* Scudder's Sulphur
- 1 *Colias gigantea* Giant Sulphur
- 1 *Colias pelidne* Pelidne Sulphur
- 1 *Colias interior* Pink-edged Sulphur
- 1 *Colias eurydice* California Dogface
- 1 *Colias cesonia* Southern Dogface

- 1 *Anteos clorinde* White Angled-Sulphur
- 1 *Anteos maerula* Yellow Angled-Sulphur
- 1 *Phoebis sennae* Cloudless Sulphur
- 1 *Phoebis philea* Orange-barred Sulphur
- 1 *Phoebis agarithe* Large Orange Sulphur
- 1 *Phoebis statira* Statira Sulphur
- 1 *Kricogonia lyside* Lyside Sulphur
- 1 *Eurema daira* Barred Yellow
- 1 *Eurema boisduvaliana* Boisduval's Yellow
- 1 *Eurema mexicana* Mexican Yellow
- 1 *Eurema proterpia* Tailed Orange
- 1 *Eurema lisa* Little Yellow
- 1 *Eurema nise* Mimosa Yellow
- 1 *Eurema dina* Dina Yellow

2000 COUNT NAME, State/Prov. :

Eurema nicippe Sleepy Orange
Nathalis iole Dainty Sulphur

LYCAENIDAE - Harvester & Coppers

Feniseca tarquinius Harvester
Lycaena arota Tailed Copper
Lycaena phlaeas American Copper
Lycaena cupreus Lustrous Copper
Lycaena xanthoides Great Copper
Lycaena dione Gray Copper
Lycaena editha Edith's Copper
Lycaena gorgon Gorgon Copper
Lycaena hyllus (=thoe) Bronze Copper
Lycaena rubidus (includes *ferrisi*) Ruddy Copper
Lycaena heteronea Blue Copper
Lycaena epixanthe Bog Copper
Lycaena dorcas Dorcas Copper
Lycaena helloides Purplish Copper
Lycaena nivalis Lilac-bordered Copper
Lycaena mariposa Mariposa Copper

LYCAENIDAE - Hairstreaks

Hypaurotis crysalis Colorado Hairstreak
Habrodais grunus Golden Hairstreak
Eumaeus atala Atala
Atlides halesus Great Purple Hairstreak
Phaenostictus alceus Soapberry Hairstreak
Satyrus titus Coral Hairstreak
Satyrus behrii Behr's Hairstreak
Satyrus fuliginosus Sooty Hairstreak
Satyrus acadica Acadian Hairstreak
Satyrus californica California Hairstreak
Satyrus sylvinus Sylvan Hairstreak
Satyrus edwardsii Edwards' Hairstreak
Satyrus calanus Banded Hairstreak
Satyrus caryaeorum Hickory Hairstreak
Satyrus kingi King's Hairstreak
Satyrus liparops Striped Hairstreak
Satyrus aetolus Gold-hunter's Hairstreak
Satyrus tetra Mountain Mahogany Hairstreak
Satyrus saepium Hedgerow Hairstreak
Satyrus favonius Southern Hairstreak
Callophrys dumetorum Bramble Hairstreak (incl. *apama*, *affinis*)
Callophrys sheridanii Sheridan's Hairstreak
Callophrys xami Xami Hairstreak
Callophrys augustinus (=augustus) Brown Elfin
Callophrys mossii Moss' Elfin
Callophrys polios Hoary Elfin
Callophrys irus Frosted Elfin
Callophrys niphon Eastern Pine Elfin
Callophrys eryphon Western Pine Elfin
Callophrys spinetorum Thicket Hairstreak
Callophrys johnsoni Johnson's Hairstreak
Callophrys gryneus Juniper Hairstreak
(gryneus) 'Olive' Juniper Hairstreak
(siva) 'Siva' Juniper Hairstreak
(nelsoni) 'Nelson's' Juniper Hairstreak

Parrhasius m-album White M Hairstreak
Strymon melinus Gray Hairstreak
Strymon marialis Martial Scrub-Hairstreak
Strymon acis Bartram's Scrub-Hairstreak
Strymon alea Lacey's Scrub-Hairstreak
Strymon columella Mallow Scrub-Hairstreak

Electrostrymon angelia Fulvous Hairstreak
Calycopis cecrops Red-banded Hairstreak

Calycopis isobea Dusky-blue Groundstreak
Ministrymon leda Leda Ministreak
Ministrymon clytie Clytie Ministreak
Ministrymon azia Gray Ministreak
Erora laeta Early Hairstreak
Erora quaderna Arizona Hairstreak

LYCAENIDAE - Blues

Brephidium exile Western Pygmy-Blue
Brephidium isophthalma Eastern Pygmy-Blue
Leptotes cassius Cassius Blue
Leptotes marina Marine Blue
Zizula cyna Cyna Blue
Hemiargus ammon Nickerbean Blue
Hemiargus ceraunus Ceraunus Blue
Hemiargus isola Reakirt's Blue
25 *Everes comyntas* Eastern Tailed-Blue
Everes amyntula Western Tailed-Blue
Celastrina ladon (=argiolus) Spring Azure
(humulus) 'Hops' Spring Azure
3 *(neglecta)* 'Summer' Spring Azure

Celastrina neglecta major Appalachian Azure
Celastrina nigra (=ebenina) Dusky Azure
Philotes sonorensis Sonoran Blue
Euphilotes batoides Square-spotted Blue
Euphilotes enoptes Dotted Blue
Euphilotes rita Rita Blue
Glaucopteryx piasus Arrowhead Blue
Glaucopteryx lygdamus Silvery Blue
Lycaeides idas (=argyrognomon) Northern Blue
Lycaeides melissa Melissa Blue
Plebejus saepiolus Greenish Blue
Plebejus icarioides Boisduval's Blue
Plebejus shasta Shasta Blue
Plebejus acmon Acmon Blue
Plebejus lupinus Lupine Blue
Plebejus optilete Cranberry Blue
Plebejus neurona Veined Blue
Agriades glandon Arctic Blue (includes *franklinii*, *rusticus*)

RIODINIDAE - Metalmarks

Calephelis virginensis Little Metalmark
Calephelis borealis Northern Metalmark
Calephelis nemesia Fatal Metalmark
Calephelis nilus Rounded Metalmark
Calephelis wrightii Wright's Metalmark
Calephelis mutica Swamp Metalmark
Calephelis arizonensis Arizona Metalmark
Caria ino Red-bordered Metalmark
Melanis pixe Red-bordered Pixie
Emesis zela Zela Metalmark
Emesis ares Ares Metalmark
Apodemia mormo Mormon Metalmark
Apodemia palmerii Palmer's Metalmark
Apodemia nais Nais Metalmark

NYMPHALIDAE - Brushfoots

Libytheana carinenta (=bachmanii) American Snout
Agraulis vanillae Gulf Fritillary
Dryadula phaetusa Banded Orange Heliconian
Dryas julia Julia
Eueides isabella Isabella's Heliconian
Heliconius charitonius Zebra
1 *Euptoieta claudia* Variegated Fritillary
Euptoieta hegesia Mexican Fritillary
Speyeria diana Diana Fritillary
96 *Speyeria cybele* Great Spangled Fritillary

2000 COUNT NAME, State/Prov.:

Speyeria aphrodite Aphrodite Fritillary
 Speyeria idalia Regal Fritillary
 Speyeria edwardsii Edwards' Fritillary
 Speyeria coronis Coronis Fritillary
 Speyeria zerene Zerene Fritillary
 Speyeria callippe Callippe Fritillary
 Speyeria egleis Great Basin Fritillary
 Speyeria adaste Unsilvered Fritillary
 Speyeria atlantis Atlantis Fritillary
 (S. a. atlantis) 'Atlantis' Atlantis Fritillary
 (S. a. hesperis) 'Hesperis' Atlantis Fritillary (=electa)
 Speyeria hydaspe Hydaspe Fritillary
 Speyeria mormonia Mormon Fritillary

Boloria eunomia Bog Fritillary
 Boloria selene Silver-bordered Fritillary
 4 Boloria bellona (=toddii) Meadow Fritillary
 Boloria frigga Frigga Fritillary
 Boloria kriemhild Relict Fritillary
 Boloria epithore Pacific Fritillary
 Boloria freija Freija Fritillary
 Boloria titania Titania Fritillary

Poladyas arachne Arachne Checkerspot
 Thessalia theona Theona Checkerspot
 Thessalia cyneas Black Checkerspot
 Thessalia fulvia Fulvia Checkerspot
 Thessalia leanira Leanira Checkerspot
 Chlosyne californica California Patch
 Chlosyne lacinia Bordered Patch
 Chlosyne janais Crimson Patch
 Chlosyne rosita Rosita Checkerspot
 Chlosyne gorgone Gorgone Checkerspot
 Chlosyne nycteis Silvery Checkerspot
 Chlosyne harrisii Harris' Checkerspot
 Chlosyne palla Northern Checkerspot
 Chlosyne acastus Sagebrush Checkerspot
 Chlosyne gabbi Gabb's Checkerspot
 Chlosyne hoffmanni Hoffman's Checkerspot

Dymasia dymas Tiny Checkerspot
 Texola elada Elada Checkerspot
 Phyciodes texana Texan Crescent
 Phyciodes frisia Cuban Crescent
 Phyciodes vesta Vesta Crescent
 Phyciodes phaon Phaon Crescent
 1 Phyciodes tharos Pearl Crescent
 P. selenis Northern Crescent (=coccyta, morpheus, pascoensis)
 Phyciodes batesii Tawny Crescent
 Phyciodes campestris Field Crescent
 Phyciodes picta Painted Crescent
 Phyciodes pallida Pale Crescent
 Phyciodes mylitta Mylitta Crescent

Euphydryas chalcedona Variable Checkerspot (incl. anicia, colon)

Euphydryas editha Edith's Checkerspot
 1 Euphydryas phaeton Baltimore Checkerspot
 5 Polygonia interrogationis Question Mark
 Polygonia comma Eastern Comma
 Polygonia satyrus Satyr Comma
 Polygonia faunus Green Comma
 Polygonia gracilis (includes zephyrus) Hoary Comma
 Polygonia oreas Oreas Comma
 Polygonia progne Gray Comma
 Nymphalis vau-album Compton Tortoiseshell

Nymphalis californica California Tortoiseshell
 2 Nymphalis antiopa Mourning Cloak
 Nymphalis milberti Milbert's Tortoiseshell
 7 Vanessa virginiensis American Lady
 Vanessa cardui Painted Lady
 Vanessa annabella West Coast Lady
 42 Vanessa atalanta Red Admiral
 Junonia coenia Common Buckeye
 Junonia evarete Mangrove Buckeye
 Junonia genoveva Tropical Buckeye
 Anartia jatrophae White Peacock
 Siproeta stelenes Malachite
 Limenitis arthemis Red-spotted Purple
 (L. a. arthemis) White Admiral
 (L. a. astyanax) Red-spotted Purple
 11 Limenitis archippus Viceroy
 Limenitis weidemeyerii Weidemeyer's Admiral
 Limenitis lorquini Lorquin's Admiral
 Adelpha fessonia Band-celled Sister
 Adelpha bredowii California Sister
 Myscelia ethusa Mexican Bluewing

Eunica monima Dingy Purplewing
 Eunica tatila Florida Purplewing
 Mestra amymone Common Mestra
 Biblis hyperia Red Rim
 Hamadryas guatemalea Guatemalan Cracker
 Marpesia petreus Ruddy Daggerwing
 Anaea aidea Tropical Leafwing
 Anaea floridalis Florida Leafwing
 Anaea andria Goatweed Leafwing
 Asterocampa celtis Hackberry Emperor (includes alicia, antonia)
 Asterocampa leilia Empress Leilia
 Asterocampa clyton Tawny Emperor (incl. flora, texana, louisiana)

NYMPHALIDAE - Satyrs

Enodia portlandia Southern Pearly-Eye
 Enodia antheodon Northern Pearly-Eye
 Enodia creola Creole Pearly-Eye
 2 Satyrodes eurydice Eyed Brown
 Satyrodes appalachia Appalachian Brown
 Cyllopsis pyracmon (includes henshawii) Nabokov's Satyr
 Cyllopsis pertepida Canyonland Satyr
 Cyllopsis gemma Gemmed Satyr
 Hermeuptychia sosybius Carolina Satyr
 Neonympha areolata Georgia Satyr
 5 Megisto cymela Little Wood-Satyr
 Megisto rubricata Red Satyr
 Paramercera allyni Pine Satyr
 Coenonympha haydenii Hayden's Ringlet
 1 C. tullia Common Ringlet (incl. inornata, ochracea, ampelos, californica)
 Cercyonis pegala Common Wood-Nymph
 Cercyonis meadii Mead's Wood-Nymph
 Cercyonis sthenele Great Basin Wood-Nymph
 Cercyonis oetus Small Wood-Nymph
 Erebia disa Disa Alpine
 Erebia discoidalis Red-disked Alpine
 Erebia theano Theano Alpine
 Erebia epipsodea Common Alpine
 Erebia callias Colorado Alpine
 Gyrocheilus patrobis Red-bordered Satyr
 Neominois ridingsii Riding's Satyr
 Oeneis nevadensis Great Arctic
 Oeneis macounii Macoun's Arctic
 Oeneis chryxus Chryxus Arctic
 Oeneis uhleri Uhler's Arctic

2000 COUNT NAME, State/Prov.:

—	<i>Oeneis taygete</i>	White-veined Arctic
—	<i>Oeneis jutta</i>	Jutta Arctic
—	<i>Oeneis melissa</i>	Melissa Arctic

NYPHALIDAE - Milkweed Butterflies

16	<i>Danaus plexippus</i>	Monarch
—	<i>Danaus gilippus</i>	Queen
—	<i>Danaus eresimus</i>	Soldier

HESPERIIDAE - Fireflies

—	<i>Pyrrhopyge araxes</i>	Dull Firetip
---	--------------------------	--------------

HESPERIIDAE - Spreadwing Skippers

—	<i>Phocides pigmalion</i>	Mangrove Skipper
—	<i>Epargyreus clarus</i>	Silver-spotted skipper
—	<i>Polygones leo</i>	Hammock Skipper
—	<i>Chioides catillus</i>	White-striped Longtail
—	<i>Zestusa dorus</i>	Short-tailed Skipper
—	<i>Codatractus arizonensis</i>	Arizona Skipper
—	<i>Urbanus proteus</i>	Long-tailed Skipper
—	<i>Urbanus dorantes</i>	Dorantes Longtail
—	<i>Urbanus procne</i>	Brown Longtail
—	<i>Astrartes fulgerator</i>	Two-barred Flasher
—	<i>Autochthon cellus</i>	Golden-banded Skipper
—	<i>Achalarus lyciades</i>	Hoary Edge
—	<i>Achalarus casica</i>	Desert Cloudywing
—	<i>Achalarus toxus</i>	Coyote Cloudywing

—	<i>Thorybes bathyllus</i>	Southern Cloudywing
—	<i>Thorybes pylades</i>	Northern Cloudywing
—	<i>Thorybes mexicana</i>	Mexican Cloudywing
—	<i>Thorybes confusus</i>	Confused Cloudywing
—	<i>Thorybes drusus</i>	Drusus Cloudywing
—	<i>Thorybes valeriana</i>	Valeriana Cloudywing
—	<i>Cogia hippalus</i>	Acacia Skipper
—	<i>Cogia caicus</i>	Caicus Skipper
—	<i>Staphylus ceos</i>	Golden-headed Scallopwing
—	<i>Staphylus mazans</i>	Mazans Scallopwing
—	<i>Staphylus hayhurstii</i>	Hayhurst's Scallopwing
—	<i>Systasea pulverulenta</i>	Texas Powdered-Skipper
—	<i>Systasea zampa</i>	Arizona Powdered-Skipper
—	<i>Achlyodes thraso</i>	Sickle-winged Skipper
—	<i>Grais stigmaticus</i>	Hermit Skipper
—	<i>Chiomara asychis</i>	White-patched Skipper
—	<i>Gesta gesta</i>	False Duskywing
—	<i>Ephyriades brunneus</i>	Florida Duskywing

—	<i>Erynnis icelus</i>	Dreamy Duskywing
—	<i>Erynnis brizo</i>	Sleepy Duskywing
—	<i>Erynnis juvenalis</i>	Juvenal's Duskywing
—	<i>Erynnis telemachus</i>	Rocky Mountain Duskywing
—	<i>Erynnis propertius</i>	Prophetus Duskywing
—	<i>Erynnis meridianus</i>	Meridian Duskywing
—	<i>Erynnis scudderii</i>	Scudder's Duskywing
1	<i>Erynnis horatius</i>	Horace's Duskywing
—	<i>Erynnis tristis</i>	Mournful Duskywing
—	<i>Erynnis martialis</i>	Mottled Duskywing
—	<i>Erynnis pacuvius</i>	Pacuvius Duskywing
—	<i>Erynnis zarucco</i>	Zarucco Duskywing
—	<i>Erynnis funeralis</i>	Funereal Duskywing
—	<i>Erynnis lucilius</i>	Columbine Duskywing
—	<i>Erynnis baptisiae</i>	Wild Indigo Duskywing
—	<i>Erynnis afraus</i>	Afraus Duskywing
—	<i>Erynnis persius</i>	Persius Duskywing
—	<i>Pyrgus centaureae</i>	Grizzled Checkered-Skipper
—	<i>Pyrgus ruralis</i>	Two-banded Checkered-Skipper
—	<i>Pyrgus xanthus</i>	Mountain Checkered-Skipper
—	<i>Pyrgus scriptura</i>	Small Checkered-Skipper

1	<i>Pyrgus communis</i>	Common Checkered-Skipper
—	<i>P. c. communis</i>	'Common' Common Checkered-Skipper
—	<i>P. c. albescens</i>	'White' Common Checkered-Skipper
—	<i>Pyrgus oleus</i>	Tropical Checkered-Skipper
—	<i>Pyrgus philetas</i>	Desert Checkered-Skipper
—	<i>Heliopetes domicella</i>	Erichson's White-Skipper
—	<i>Heliopetes ericetorum</i>	Northern White-Skipper
—	<i>Heliopetes laviana</i>	Laviana White-Skipper
—	<i>Heliopetes macaira</i>	Turk's-cap White-Skipper
—	<i>Celotes nesus</i>	Common Streaky-Skipper
—	<i>Pholisora catullus</i>	Common Sootywing
—	<i>Hesperopsis alpheus</i>	Saltbush Sootywing

HESPERIIDAE - Grass Skippers

—	<i>Carterocephalus palaemon</i>	Arctic Skipper
—	<i>Piruna pirus</i>	Russet Skipperling
—	<i>Piruna polingi</i>	Four-spotted Skipperling
—	<i>Piruna cingo</i>	Many-spotted Skipperling
—	<i>Nastra lherminier</i>	Swarthy Skipper
—	<i>Nastra julia</i>	Julia's Skipper
—	<i>Nastra neamathla</i>	Neamathla Skipper
—	<i>Cymaenes tripuncta</i>	Three-spotted Skipper
—	<i>Cymaenes odilia</i>	Fawn-spotted Skipper
—	<i>Lerema accius</i>	Clouded Skipper
70	<i>Ancyloxypha numitor</i>	Least Skipper
—	<i>Ancyloxypha arene</i>	Tropical Least Skipper
—	<i>Oarisma poweshiek</i>	Poweshiek Skipperling
—	<i>Oarisma garita</i>	Garita Skipperling
—	<i>Oarisma edwardsii</i>	Edwards' Skipperling
—	<i>Copaeodes aurantiacus</i>	Orange Skipperling
—	<i>Copaeodes minimus</i>	Southern Skipperling
III	<i>Thymelicus lineola</i>	European Skipper
—	<i>Hylephila phyleus</i>	Fiery Skipper

—	<i>Hesperia uncas</i>	Uncas Skipper
—	<i>Hesperia juba</i>	Juba Skipper
—	<i>Hesperia comma</i>	Common Branded Skipper
—	<i>Hesperia ottoe</i>	Ottoe Skipper
—	<i>Hesperia pahaska</i>	Pahaska Skipper
—	<i>Hesperia columbiana</i>	Columbian Skipper
—	<i>Hesperia viridis</i>	Green Skipper
—	<i>Hesperia attalus</i>	Dotted Skipper
—	<i>Hesperia meskei</i>	Meske's Skipper
—	<i>Hesperia dacotae</i>	Dakota Skipper
—	<i>Hesperia lindseyi</i>	Lindsey's Skipper
—	<i>Hesperia sassacus</i>	Indian Skipper
—	<i>Hesperia nevada</i>	Nevada Skipper
—	<i>Polites carus</i>	Carus Skipper
I	<i>Polites peckius</i> (=coras)	Peck's Skipper
—	<i>Polites sabuleti</i>	Sandhill Skipper
—	<i>Polites draco</i>	Draco Skipper
—	<i>Polites baracoa</i>	Baracoa Skipper
—	<i>Polites themistocles</i>	Tawny-edged Skipper
—	<i>Polites origenes</i>	Crossline Skipper
—	<i>Polites mystic</i>	Long Dash
—	<i>Polites sonora</i>	Sonora Skipper
—	<i>Polites vibex</i>	Whirlabout
—	<i>Wallengrenia otho</i>	Southern Broken-Dash
—	<i>Wallengrenia egeremet</i>	Northern Broken-Dash
I	<i>Pompeius verna</i>	Little Glasswing
—	<i>Atalopedes campestris</i>	Sachem
—	<i>Atrytone arogos</i>	Arogos Skipper
I	<i>Anatrytone logan</i> (=delaware)	Delaware Skipper
—	<i>Problema byssus</i>	Byssus Skipper
—	<i>Problema bulenta</i>	Rare Skipper

2000 COUNT NAME, State/Prov.:

Ochlodes sylvanoides Woodland Skipper*Ochlodes agricola* Rural Skipper*Ochlodes yuma* Yuma Skipper*Paratrytone snowi* Snow's Skipper*Poanes massasoit* Mulberry Wing*Poanes hobomok* Hobomok Skipper2 *Poanes zabulon* Zabulon Skipper*Poanes taxiles* Taxiles Skipper*Poanes aaroni* Aaron's Skipper*Poanes yehl* Yehl Skipper*Poanes viator* Broad-winged Skipper*Poanes melane* Umber Skipper*Euphyes arpa* Palmetto Skipper*Euphyes palatka* Palatka Skipper*Euphyes dion* Dion Skipper*Euphyes dukesi* Duke's Skipper*Euphyes conspicua* Black Dash*Euphyes berryi* Berry's Dash*Euphyes bimacula* Two-spotted Skipper*Euphyes vestris* (=ruricola) Dun Skipper*Asbolis capucinus* Monk Skipper*Atrytonopsis hianna* Dusted Skipper*Atrytonopsis lumus* Moon-marked Skipper*Atrytonopsis pittacus* White-barred Skipper*Atrytonopsis cestus* Cestus Skipper*Atrytonopsis edwardsii* (=ovinia) Sheep Skipper*Amblyscirtes simius* Simius Roadside-Skipper*Amblyscirtes exotera* Large Roadside-Skipper*Amblyscirtes cassus* Cassus Roadside-Skipper*Amblyscirtes aenus* Bronze Roadside-Skipper*Amblyscirtes osleri* Osler's Roadside-Skipper*Amblyscirtes hegon* Pepper and Salt Skipper*Amblyscirtes elissa* Elissa Roadside-Skipper*Amblyscirtes texanae* Texas Roadside-Skipper*Amblyscirtes prenda* Prenda Roadside-Skipper*Amblyscirtes aesculapius* Lace-winged Roadside-Skipper*Amblyscirtes carolina* Carolina Roadside-Skipper*Amblyscirtes reversa* Reversed Roadside-Skipper*Amblyscirtes nereus* Slaty Roadside-Skipper*Amblyscirtes nysa* Nysa Roadside-Skipper*Amblyscirtes eos* Dotted Roadside-Skipper*Amblyscirtes vialis* Common Roadside-Skipper*Amblyscirtes celia* Celia's Roadside-Skipper*Amblyscirtes belli* Bell's Roadside-Skipper*Amblyscirtes phylace* Orange-headed Roadside-Skipper*Amblyscirtes fimbriata* Orange-edged Roadside-Skipper*Lerodea eufala* Eufala Skipper*Lerodea arabus* Violet-clouded Skipper*Oligoria maculata* Twin-spot Skipper*Calpodus ethlius* Brazilian Skipper*Panoquina panoquin* Salt Marsh Skipper*Panoquina panoquinoides* Obscure Skipper*Panoquina errans* Wandering Skipper*Panoquina ocola* Ocola Skipper

HESPERIIDAE - Giant-Skippers

Megathymus streckeri Strecker's Giant-Skipper*Megathymus ursus* Ursine Giant-Skipper

* IMMATURE BUTTERFLIES *

(eggs, caterpillars, pupas)

Use names as in previous list in the order presented there.

Species: _____ Number: _____ Life Stage: _____

on (plant/surface): _____

Species: _____ Number: _____ Life Stage: _____

on: _____

Species: _____ Number: _____ Life Stage: _____

on: _____

Species: _____ Number: _____ Life Stage: _____

on: _____

Species: _____ Number: _____ Life Stage: _____

on: _____

Species: _____ Number: _____ Life Stage: _____

on: _____

Species: _____ Number: _____ Life Stage: _____

on: _____

Species: _____ Number: _____ Life Stage: _____

on: _____

Species: _____ Number: _____ Life Stage: _____

on: _____

Species: _____ Number: _____ Life Stage: _____

on: _____

Species: _____ Number: _____ Life Stage: _____

on: _____

Species: _____ Number: _____ Life Stage: _____

on: _____

Species: _____ Number: _____ Life Stage: _____

on: _____

Species: _____ Number: _____ Life Stage: _____

on: _____

Species: _____ Number: _____ Life Stage: _____

on: _____

FIELD NOTES:

Planned date for next year's count: _____

Send complete form (add additional sheets if needed),
participants list & full fee to:

NABA, 4 Delaware Rd, Morristown, NJ 07960 USA.

2061 TOTAL individuals / 34 ADULT SPECIES