

2004 BUTTERFLY COUNT FORM - USA

*** REQUIRED INFORMATION ***

If any of the following is incomplete or illegible, your count will be returned and there will be a U.S. \$5.00 resubmission fee to cover additional handling and postage costs. Thank you for double-checking that your count form is complete and legible.
DEADLINE for complete, readable submission to be received by

NABA: September 5, 2004.

Count Name, State WALLKILL RIVER NWR NJYear count held & submitted for publication (1st, 2nd, etc.): 5THDATE: 7/10/04 TIME: 9 AM to 5 PMTEMPERATURE: 67 ° to 86 ° F ° F = (° C x 1.8) + 3211 [Number of] OBSERVERS (including garden watchers and children under 12) in3 [Number of] PARTIES.TOTAL PARTY-HOURS 23.5 (by garden watchers,22 on foot, 1.5 by car, by _____);COMPILER'S NAME: KEN WITKOWSKIAddress: 74 LAKESHORE ROAD NESTCity: STOCKHOLMState, zip: NEW JERSEY 07460E-mail: HENWITKOWSKI@YAHOO.COM

(Address and e-mail BUT NOT PHONE are for publication.)

Phone, work: _____ home: 973-208-9808

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.

(SEE 2ND COPY OFPARTICIPANTS LIST)

*** IMPORTANT INFORMATION ***

Please provide as much of the following as possible.

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: 80%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: 60%

WIND direction _____, to _____ mi/hr mi=km x 0.6214

TOTAL PARTY-MILES 41 (15 on foot,26 by car, by _____).

Imminent threats to habitat: _____

Changes noticed since last year: _____

*** REQUIRED - 1ST YEAR ONLY ***

CENTER AT (latitude) _____ ° N, (longitude) _____ ° W

CENTER AT (describe in words) _____

includes (in circle - 1st year count only) _____

(Send a map with first year counts.)

Elevation: (low) _____ to (high) _____ ft / m (circle unit of measure)

Habitat (of area counted - 1st year count only): _____

Uses of land (1st year count only): _____

*** 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

_____ *Parnassius clodius* Clodius Parnassian_____ *Parnassius phoebus* Phoebus Parnassian-unspecified subsp._____ (*P. p. phoebus*) 'Phoebus' Phoebus Parnassian_____ (*P. p. smintheus*) 'Rocky Mountain' Ph. Parnassian_____ (*P. p. behri*) 'Sierra Nevada' Phoebus Parnassian_____ *Battus philenor* Pipevine Swallowtail_____ *Battus polydamas* Polydamas Swallowtail_____ *Eurytides marcellus* Zebra Swallowtail_____ *Eurytides philolaus* Dark-kite Swallowtail11.5 *Papilio polyxenes* (includes *kahli*) Black Swallowtail_____ *Papilio joanae* Ozark Swallowtail_____ *Papilio machaon* Old World Swallowtail-unspecified subsp._____ (*P. m. bairdii*) 'Baird's' Old World Swallowtail_____ (*P. m. oregonus*) 'Oregon' Old World Swallowtail_____ *Papilio zelicaon* Anise Swallowtail_____ *Papilio indra* Indra Swallowtail_____ *Papilio cresphontes* Giant Swallowtail_____ *Papilio aristodemus* Schaus' Swallowtail_____ *Papilio ornythion* Ornythion Swallowtail5 *Papilio glaucus* Eastern Tiger Swallowtail_____ *Papilio canadensis* Canadian Tiger Swallowtail_____ *Papilio rutulus* Western Tiger Swallowtail_____ *Papilio multicaudata* Two-tailed Swallowtail_____ *Papilio eurymedon* Pale Swallowtail9 *Papilio troilus* Spicebush Swallowtail_____ *Papilio palamedes* Palamedes Swallowtail

PIERIDAE - Whites & Sulphurs

_____ *Neophasia menapia* Pine White_____ *Neophasia terlooii* Chiricahua White_____ *Appias drusilla* Florida White_____ *Pontia beckerii* Becker's White_____ *Pontia sisymbrii* Spring White_____ *Pontia protodice* Checkered White_____ *Pontia occidentalis* Western White_____ *Pieris napi* Mustard White (incl. *angelika*)-unspecified subsp._____ (*Pieris napi oleracea*) 'Veined' Mustard White_____ (*Pieris napi marginalis*) 'Margined' Mustard White270 *Pieris rapae* Cabbage White_____ *Ascia monuste* Great Southern White_____ *Ganyra josephina* Giant White_____ *Euchloe ausonides* Large Marble_____ *Euchloe creusa* Northern Marble_____ *Euchloe hyantis* Pearly Marble-unspecified subspecies_____ (*E. hyantis hyantis*) 'California' Pearly Marble

NABA BUTTERFLY COUNT - 2004 PARTICIPANTS LIST

PLEASE NOTE: ALL count submissions MUST include a participants list. THANK YOU!

- * This form is for accounting only. PLEASE, NO notes pertaining to butterfly observations or butterfly count form here.
- * The count fee is U.S.\$3.00 for EACH participant on EACH count (regardless of how many counts a participant counted on, and whether participants want their names published or not). Each count must have at least one regular participant.
- * Garden watchers pay no fee; write "GW" for count fee. Children under 12 pay no fee; write "C" in count fee column.
- * The cost of the 2004 count report is U.S.\$6 for NABA members and U.S.\$10 for non-members.
- * If buying the report, please list the name AND FULL MAILING ADDRESS to send the report to in SPRING 2005.
- * Make payment with a single check or money order in U.S. \$ to NABA (or "North American Butterfly Association").
- * Count forms for 2005 will be sent to the compiler at the address listed below in SPRING 2005.
- * Please attach additional sheet(s) if needed.
- * NABA ANNUAL DUES: U.S.\$30 for single, U.S.\$40 for family (U.S.\$60/80 outside U.S., Canada, Mexico).
- * Please do not send your count via registered mail, as this can add much delay. Your cancelled check is your receipt.
- * Please send this participants list with count form and fee to: NABA, 4 Delaware Road, Morristown, NJ 07960 USA

2004 Count Name, State: <u>WALLKILL RIVER NWR NJ</u>		Planned date for 2005 Count: <u>JULY 9, 2005</u>	
NAME/ADDRESS	FEE	REPORT	TOTAL
1 Compiler: <u>KEN WITKOWSKI</u> Address: <u>74 LAKESHORE ROAD WEST</u> City: <u>STOCKHOLM</u> State, Zip Code: <u>NJ 07460-1222</u> e-mail (for publication): <u>KENWITKOWSKI@YAHOO.COM</u> phone (not for publication): <u>973-208-9808</u> (home or work?)	<u>3-</u>	<u>6-</u>	<u>9.00</u>
2 <u>DEEDEE BURAKIDE</u> <u>18 JOHN DON AVE.</u> <u>WALOMICK, NJ 07463</u>	<u>3-</u>		<u>3.00</u>
3 <u>PETE GRANNIS</u> <u>113 HIGH ST.</u> <u>OGDENSBURG, NJ 07439</u>	<u>3-</u>		<u>3.00</u>
4 <u>TOM HALLIWELL</u> <u>19 KINGS ROAD</u> <u>NETCONG, NJ 07857</u>	<u>3-</u>		<u>3.00</u>
5 <u>STEVE KANL</u> <u>1547 COUNTY ROUTE 565</u> <u>SUSSEX, NJ 07461</u>	<u>3-</u>		<u>3.00</u>
6 <u>ALICE KOSTER</u> <u>179 WASHINGTON AVE.</u> <u>HANTHORNE, NJ 07506</u>	<u>3-</u>		<u>3.00</u>
7 <u>CHARLES MAYHOOD</u> <u>47 INDIAN FIELD COURT</u> <u>MANLAW, NJ 07430</u>	<u>3-</u>		<u>3.00</u>
8 <u>SHARON WANDER</u> <u>28 WARNER ROAD</u> <u>NEWTON, NJ 07860</u>	<u>3-</u>		<u>3.00</u>
9 <u>WADE WANDER</u> <u>28 WARNER ROAD</u> <u>NEWTON, NJ 07860</u>	<u>3-</u>		<u>3.00</u>
10 <u>FRED WEBER</u> <u>41 UPPER NORTH SHORE ROAD</u> <u>BRANCHVILLE, NJ 07826</u>	<u>3-</u>		<u>3.00</u>
11 <u>TIM ZAMOS</u> <u>151 WARBASSE JUNCTION ROAD</u> <u>LAFAYETTE, NJ 07484</u>	<u>3-</u>		<u>3.00</u>
12 <u>JOHN COLLINS</u> <u>44 OVERLOOK ROAD</u> <u>CALDWELL NJ 07006</u>			
TOTAL	<u>33.00</u>	<u>6.00</u>	<u>39.00</u>

2004 COUNT NAME, State: WALLKILL RIVER NWR NJ

- ___ (*Euchloe hyantis lotta*) 'Desert' Pearly Marble
 ___ *Euchloe olympia* Olympia Marble
 ___ *Anthocharis cethura* Desert Orangetip
 ___ (*A. cethura pima*) 'Pima' Desert Orangetip
 ___ *Anthocharis sara* Sara Orangetip (incl. *julia*, *thoosa*)
 ___ (*Anthocharis sara sara*) 'Pacific' Sara Orangetip
 ___ (*Anthocharis sara stella*) 'Stella' Sara Orangetip
 ___ *Anthocharis midea* Falcate Orangetip
 ___ *Anthocharis lanceolata* Gray Marble

- 165 *Colias philodice* Clouded Sulphur
 149 *Colias eurytheme* Orange Sulphur
 ___ *Colias occidentalis* Western Sulphur
 ___ *Colias christina* Christina's Sulphur
 ___ *Colias alexandra* Queen Alexandra's Sulphur
 ___ (*C. a. harfordii*) 'Harford's' Queen Alexandra's Sulphur
 ___ *Colias meadii* Mead's Sulphur
 ___ *Colias canadensis* Canadian Sulphur
 ___ *Colias nastes* Labrador Sulphur
 ___ *Colias scudderi* Scudder's Sulphur
 ___ *Colias gigantea* Giant Sulphur
 ___ *Colias pelidne* Pelidne Sulphur
 ___ *Colias interior* Pink-edged Sulphur
 ___ *Colias palaeno* Palaeno Sulphur
 ___ *Colias eurydice* California Dogface
 ___ *Colias cesonia* Southern Dogface
 ___ *Anteos clorinde* White Angled-Sulphur
 ___ *Anteos maerula* Yellow Angled-Sulphur
 ___ *Phoebis sennae* Cloudless Sulphur
 ___ *Phoebis philea* Orange-barred Sulphur
 ___ *Phoebis agarithe* Large Orange Sulphur
 ___ *Phoebis statira* Statira Sulphur
 ___ *Kricogonia lyside* Lyside Sulphur
 ___ *Eurema daira* Barred Yellow
 ___ *Eurema boisduvaliana* Boisduval's Yellow
 ___ *Eurema mexicana* Mexican Yellow
 ___ *Eurema proterpia* Tailed Orange
 ___ *Eurema lisa* Little Yellow
 ___ *Eurema nise* Mimosa Yellow
 ___ *Eurema dina* Dina Yellow
 ___ *Eurema nicippe* Sleepy Orange
 ___ *Nathalis iole* Dainty Sulphur

LYCAENIDAE - Harvester & Coppers

- ___ *Feniseca tarquinius* Harvester
 ___ *Lycaena arota* Tailed Copper
 6 *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* Ruddy Copper
 ___ (*L. r. ferrisi*) 'White Mountains' Ruddy Copper
 ___ *Lycaena heteronea* Blue Copper

- ___ *Lycaena epixanthe* Bog Copper
 ___ *Lycaena dorcas* Dorcas Copper (includes *dospassosi*)
 ___ *Lycaena helloides* Purplish Copper
 ___ *Lycaena nivalis* Lilac-bordered Copper
 ___ *Lycaena mariposa* Mariposa Copper

LYCAENIDAE - Hairstreaks

- ___ *Hypaurotis crysalus* Colorado Hairstreak
 ___ *Habrodais grunus* Golden Hairstreak
 ___ *Eumaeus atala* Atala
 ___ *Atlides halesus* Great Purple Hairstreak
 ___ *Chlorostymon simaethis* Silver-banded Hairstreak
 ___ *Phaeostymon alcestis* Soapberry Hairstreak
 1 *Satyrium titus* Coral Hairstreak
 ___ *Satyrium behrii* Behr's Hairstreak
 ___ *Satyrium fuliginosum* Sooty Hairstreak
 ___ *Satyrium acadica* Acadian Hairstreak
 ___ *Satyrium californica* California Hairstreak
 ___ *Satyrium sylvinus* Sylvan Hairstreak
 ___ *Satyrium edwardsii* Edwards' Hairstreak
 78 *Satyrium calanus* Banded Hairstreak
 1 *Satyrium caryaevorum* Hickory Hairstreak
 ___ *Satyrium kingi* King's Hairstreak
 ___ *Satyrium liparops* Striped Hairstreak
 ___ *Satyrium auretteum* Gold-hunter's Hairstreak
 ___ *Satyrium tetra* Mountain Mahogany Hairstreak
 ___ *Satyrium saepium* Hedgerow Hairstreak
 ___ *Satyrium favonius* Oak Hairstreak-unspecified subsp.
 ___ (*S. f. favonius*) 'Southern' Oak Hairstreak
 ___ (*S. f. ontario*) 'Northern' Oak Hairstreak
 ___ *Callophrys dumetorum* Bramble Hairstreak
 ___ (*C. d. dumetorum*) 'Bramble' Bramble Hairstreak
 ___ (*C. d. apama*) 'Canyon' Bramble Hairstreak
 ___ (*C. d. affinis*) 'Immaculate' Bramble Hairstreak
 ___ *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 henrici* Henry's Elfin
 ___ *Callophrys niphon* Eastern Pine Elfin
 ___ *Callophrys eryphon* Western Pine Elfin
 ___ *Callophrys spinetorum* Thicket Hairstreak
 ___ *Callophrys johnsoni* Johnson's Hairstreak
 1 *Callophrys gryneus* Juniper Hairstreak-unspecified subsp.
 ___ (*C. g. gryneus*) 'Olive' Juniper Hairstreak
 ___ (*C. g. siva*) 'Siva' Juniper Hairstreak
 ___ (*C. g. nelsoni*) 'Nelson's' Juniper Hairstreak
 ___ *Callophrys hesseli* Hessel's Hairstreak
 ___ *Parrhasius m-album* White M Hairstreak
 ___ *Strymon melinus* Gray Hairstreak
 ___ *Strymon martialis* Martial Scrub-Hairstreak
 ___ *Strymon acis* Bartram's Scrub-Hairstreak
 ___ *Strymon alea* Lacey's Scrub-Hairstreak
 ___ *Strymon istapa* (= *columella*) Mallow Scrub-Hairstreak
 ___ *Electrostrymon angelia* Fulvous Hairstreak
 ___ *Calycopis cecrops* Red-banded Hairstreak

2004 COUNT NAME, State: WALKILL RIVER NHR NY

- ___ *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 thomasi* Miami Blue
- ___ *Hemiargus ammon* Nickerbean Blue
- ___ *Hemiargus ceraunus* Ceraunus Blue
- ___ *Hemiargus isola* Reakirt's Blue
- 38 ___ *Everes comyntas* Eastern Tailed-Blue
- ___ *Everes amyntula* Western Tailed-Blue
- ___ *Celastrina ladon* (=argiolus) Spring Azure
- ___ (C. l. *ladon*) 'Spring' Spring Azure
- ___ (C. l. *humulus*) 'Hops' Spring Azure
- 8 ___ (C. l. *neglecta*) 'Summer' Spring Azure
- ___ *Celastrina neglecta* major Appalachian Azure
- ___ *Celastrina nigra* (=ebenina) Dusky Azure
- ___ *Philotes sonorensis* Sonoran Blue
- ___ *Euphilotes battoides* Square-spotted Blue
- ___ (E. b. *allyni*) 'El Segundo' Square-spotted Blue
- ___ (E. b. *bernardino*) 'Bernardino' Square-spotted Blue
- ___ *Euphilotes enoptes* Dotted Blue (includes *ancilla*)
- ___ (Euphilotes *enoptes* *mojave*) 'Mojave' Dotted Blue
- ___ *Euphilotes rita* Rita Blue (includes *pallens*)
- ___ *Glaucopsyche piasus* Arrowhead Blue
- ___ *Glaucopsyche 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 (includes *texana*, *lutzi*)
- ___ *Plebejus lupinus* Lupine Blue
- ___ *Plebejus optilete* Cranberry Blue
- ___ *Plebejus neurona* Veined Blue
- ___ *Agriades glandon* Arctic Blue-undefined subspecies
- ___ (A. *glandon* *glandon*) 'Glandon' Arctic Blue
- ___ (A. *glandon* *franklinii*) 'Mountain' Arctic Blue
- ___ (A. *glandon* *rusticus*) 'Rustic' Arctic Blue

RIODINIDAE - Metalmarks

- ___ *Calephelis virginianensis* Little Metalmark
- ___ *Calephelis borealis* Northern Metalmark
- ___ *Calephelis nemesia* Fatal Metalmark
- ___ *Calephelis perditilis* (=nilus) Rounded Metalmark
- ___ *Calephelis wrightii* Wright's Metalmark
- ___ *Calephelis mutica* Swamp Metalmark
- ___ *Calephelis arizonensis* Arizona Metalmark

- ___ *Caria ino* Red-bordered Metalmark
- ___ *Lasala sula* Blue Metalmark
- ___ *Melanis pike* Red-bordered Pixie
- ___ *Emesis zela* Zela Metalmark
- ___ *Emesis ares* Ares Metalmark
- ___ *Apodemia mormo* Mormon Metalmark (includes *duryi*)
- ___ *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 Heliconian
- ___ *Eueides isabella* Isabella's Heliconian
- ___ *Heliconius charithonia* Zebra Heliconian
- 1 ___ *Euptoia claudia* Variegated Fritillary
- ___ *Euptoia hegesia* Mexican Fritillary
- ___ *Speyeria diana* Diana Fritillary
- 22 ___ *Speyeria cybele* Great Spangled Fritillary
- ___ *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-undefined subsp.
- ___ (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
- ___ *Boloria bellona* (=toddi) Meadow Fritillary
- ___ *Boloria frigga* Frigga Fritillary
- ___ *Boloria improba* Dingy Fritillary (includes *acrocema*)
- ___ *Boloria kriemhild* Relict Fritillary
- ___ *Boloria epithore* Pacific Fritillary
- ___ *Boloria freija* Freija Fritillary
- ___ *Boloria montinus* Purplish Fritillary (formerly *titanis*)
- ___ *Boloria chariclea* Arctic Fritillary

- ___ *Poladryas minuta* Dotted Checkerspot
- ___ *Poladryas 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

2004 COUNT NAME, State: WALKILL RIVER NWR NJ

- Chlosyne palla Northern Checkerspot
Chlosyne whitneyi Rockslide Checkerspot (incl. *dampoetas*)
Chlosyne acastus Sagebrush Checkerspot
Chlosyne gabbii 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 tulcis Pale-banded Crescent (formerly *frisia*)
Phyciodes vesta Vesta Crescent
Phyciodes phaon Phaon Crescent
935 Phyciodes tharos Pearl Crescent
P. selenis Northern Crescent (= *cocytus*, *morpheus*, *pascoensis*)
Phyciodes batesii Tawny Crescent
Phyciodes campestris Field Crescent (= *pratensis*)
Phyciodes picta Painted Crescent
Phyciodes pallida Pale Crescent
Phyciodes mylitta Mylitta Crescent
Euphydryas gillettii Gillett's Checkerspot
Euphydryas chalcedona Variable Checkerspot
(E. c. chalcedona) 'Chalcedon' Variable Checkerspot
(E. c. colon) 'Snowberry' Variable Checkerspot
(E. c. anicia) 'Anicia' Variable Checkerspot
Euphydryas editha Edith's Checkerspot
5 Euphydryas phaeton Baltimore Checkerspot
5 Polygonia interrogationis Question Mark
15 Polygonia comma Eastern Comma
Polygonia satyrus Satyr Comma
Polygonia faunus Green Comma
Polygonia gracilis Hoary Comma
(Polygonia gracilis zephyrus) 'Zephyr' Hoary Comma
Polygonia oreas Oreas Comma
Polygonia progne Gray Comma
Nymphalis vaualbum Compton Tortoiseshell
Nymphalis californica California Tortoiseshell
Nymphalis antiopa Mourning Cloak
3 Nymphalis milberti Milbert's Tortoiseshell
5 Vanessa virginiensis American Lady
Vanessa cardui Painted Lady
Vanessa annabella West Coast Lady
2R Vanessa atalanta Red Admiral
4 Junonia coenia Common Buckeye
Junonia evarete Mangrove Buckeye
Junonia genoveva Tropical Buckeye
Anartia jatrophae White Peacock
Anartia fatima Banded Peacock
Siproeta stelenes Malachite
Limenitis arthemis Red-spotted Admiral-unspecified subsp.
(L. a. arthemis) White Admiral
(L. a. astyanax) Red-spotted Purple
8 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 februa Gray Cracker
Hamadryas guatemalae Guatemalan Cracker
Marpesia petreus Ruddy Daggerwing
Anaea aidea Tropical Leafwing
Anaea floridalis Florida Leafwing
Anaea andria Goatweed Leafwing
1 Asterocampa celtis Hackberry Emperor (includes *alicia*, *antonia*)
Asterocampa leilia Empress Leilia
Asterocampa clyton Tawny Emperor (incl. *flora*, *texana*, *loulisa*)

NYMPHALIDAE - Satyrs

- Enodia portlandia Southern Pearly-eye
1 Enodia anthedon Northern Pearly-eye
Enodia creola Creole Pearly-eye
1 Satyroides eurydice Eyed Brown
33 Satyroides 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
7 Megisto cymela Little Wood-Satyr
Megisto rubricata Red Satyr
Paramercera allyni Pine Satyr
Coenonympha haydenii Hayden's Ringlet
3 Coenonympha tullia Common Ringlet-unspecified subsp.
(C. tullia inornata) 'Inornate' Common Ringlet
(C. tullia ochracea) 'Ochre' Common Ringlet
(C. tullia ampelos) 'Northwest' Common Ringlet
(C. tullia californica) 'California' Common Ringlet
459 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 mancinus Taiga Alpine (formerly *disa*)
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 (incl. *wyomingo*)
Oeneis nevadensis Great Arctic
Oeneis macounii Macoun's Arctic
Oeneis chryxus Chryxus Arctic
Oeneis uhleri Uhler's Arctic
Oeneis alberta Alberta Arctic
Oeneis taygete White-veined Arctic (formerly *bore*)
Oeneis jutta Jutta Arctic
Oeneis melissa Melissa Arctic
Oeneis polixenes Polixenes Arctic

2004 COUNT NAME, State: WALKILL RIVER NWR, NY

NYMPHALIDAE - Milkweed Butterflies

- 14 *Danaus plexippus* Monarch
Danaus gilippus Queen
Danaus eresimus Soldier

HESPERIIDAE - Firetips

- Pyrrhopyge araxes* Dull Firetip

HESPERIIDAE - Spreadwing Skippers

- Phocides pigmalion* Mangrove Skipper
Epargyreus zestos Zestos Skipper

- 4 *Epargyreus clarus* Silver-spotted Skipper

- Polygonus leo* Hammock Skipper

- Chioides catillus* White-striped Longtail

- Chioides zilpa* Zilpa Longtail

- Zestusa dorus* Short-tailed Skipper

- Codatractus arizonensis* Arizona Skipper

- Codatractus mysie* Valeriana Cloudywing

- Urbanus proteus* Long-tailed Skipper

- Urbanus dorantes* Dorantes Longtail

- Urbanus teleus* Teleus Longtail

- Urbanus procne* Brown Longtail

- Astraptes fulgerator* Two-barred Flasher

- Autochthon cellus* Golden Banded-Skipper

- Achalarus lyciades* Hoary Edge

- Achalarus casica* Desert Cloudywing

- Achalarus toxus* Coyote Cloudywing

- Thorybes bathyllus* Southern Cloudywing

- Thorybes pylades* Northern Cloudywing

- Thorybes mexicanus* Mexican Cloudywing

- Thorybes confusus* Confused Cloudywing

- Thorybes drusus* Drusus Cloudywing

- Cogia calchas* Mimosa Skipper

- Cogia hippalus* Acacia Skipper

- Cogia caicus* Gold-coast Skipper

- Staphylus ceos* Golden-headed Scallopwing

- Staphylus mazans* Mazans Scallopwing

- Staphylus hayhurstii* Hayhurst's Scallopwing

- Systasea pulverulenta* Texas Powdered-Skipper

- Systasea zampa* Arizona Powdered-Skipper

- Achlyodes thraso* Sickle-winged Skipper

- Grais stigmaticus* Hermit Skipper

- Timochares ruptifasciatus* Brown-banded Skipper

- Chiomara asychis* White-patched Skipper

- Gesta gesta* False Duskywing

- Ephyriades brunneus* Florida Duskywing

- Erynnis icelus* Dreamy Duskywing

- Erynnis brizo* Sleepy Duskywing

- Erynnis juvenalis* Juvenal's Duskywing

- Erynnis telemachus* Rocky Mountain Duskywing

- Erynnis propertius* Propertius Duskywing

- Erynnis meridianus* Meridian Duskywing

- Erynnis scudderi* Scudder's Duskywing

- Erynnis horatius* Horace's Duskywing

- Erynnis tristis* Mournful Duskywing

- Erynnis martialis* Mottled Duskywing

- Erynnis pacuvius* Pacuvius Duskywing

- Erynnis zarucco* Zarucco Duskywing

- Erynnis funeralis* Funereal Duskywing

- Erynnis lucilius* Columbine Duskywing

- 7 *Erynnis baptisiae* Wild Indigo Duskywing

- Erynnis afranlius* Afranlius Duskywing

- Erynnis persius* Persius Duskywing

- Pyrgus centaureae* Grizzled Skipper

- Pyrgus ruralis* Two-banded Checkered-Skipper

- Pyrgus xanthus* Mountain Checkered-Skipper

- Pyrgus scriptura* Small Checkered-Skipper

- Pyrgus communis* Common Checkered-Skipper

- Pyrgus albescens* White Checkered-Skipper

- Pyrgus sp.* Common/White Checkered-Skipper

- Pyrgus oileus* Tropical Checkered-Skipper

- Pyrgus philetas* Desert Checkered-Skipper

- Heliopetes domicella* Erichson's White-Skipper

- Heliopetes ericetorum* Northern White-Skipper

- Heliopetes laviana* Laviana White-Skipper

- Heliopetes macaira* Turk's-cap White-Skipper

- Celotes nessus* Common Streaky-Skipper

- 1 *Pholisora catullus* Common Sootywing

- Hesperopsis libya* Mojave Sootywing

- Hesperopsis alpheus* Saltbush Sootywing (incl. *gracielae*)

HESPERIIDAE - Skipperlings

- Carterocephalus palaemon* Arctic Skipper

- Piruna pirus* Russet Skipperling

- Piruna polingi* Four-spotted Skipperling

- Piruna cingo* Many-spotted Skipperling (incl. *aea*)

HESPERIIDAE - Grass-Skippers

- Vidius perigenes* Pale-rayed Skipper

- Nastra lherminier* Swarthy Skipper

- Nastra julia* Julia's Skipper

- Nastra neamathla* Neamathla Skipper

- Cymaenes tripuncta* Three-spotted Skipper

- Cymaenes odilia* Fawn-spotted Skipper

- Lerema accius* Clouded Skipper

- Decinea percosius* Double-dotted Skipper

- 23 *Ancyloxypha numitor* Least Skipper

- Ancyloxypha arene* Tropical Least Skipper

- Oarisma poweshiek* Poweshiek Skipperling

- Oarisma garita* Garita Skipperling

- Oarisma edwardsii* Edwards' Skipperling

- Copaeodes aurantiacus* Orange Skipperling

- Copaeodes minimus* Southern Skipperling

- Adopaeoides prittwitzi* Sunrise Skipper

- 4 *Thymelicus lineola* European Skipper

- Hylephila phyleus* Fiery Skipper

- Hesperia uncas* Uncas Skipper

- Hesperia juba* Juba Skipper

- H. comma* Common Branded Sk. (incl. *munroba*, *assinibola*, *colorado*)

- Hesperia ottoe* Ottoe Skipper

- Hesperia pahaska* Pahaska Skipper

- Hesperia columbiana* Columbian Skipper

- Hesperia metea* Cobweb Skipper

- Hesperia viridis* Green Skipper

- Hesperia attalus* Dotted Skipper

- Hesperia meskei* Meske's Skipper

2004 COUNT NAME, State: WALKILL RIVER NWR, NY

- ☐ *Hesperia dacotae* Dakota Skipper
☐ *Hesperia lindseyi* Lindsey's Skipper
☐ *Hesperia sassacus* Indian Skipper
☐ *Hesperia nevada* Nevada Skipper
☐ *Polites carus* Carus Skipper
☒ *Polites peckius* (=coras) Peck's Skipper
☐ *Polites sabuleti* Sandhill Skipper
☐ *Polites draco* Draco Skipper
☐ *Polites baracoa* Baracoa Skipper
☐ *Polites themistocles* Tawny-edged Skipper
☐ *Polites origenes* Crossline Skipper
☐ *Polites mystic* Long Dash
☐ *Polites sonora* Sonora Skipper
☐ *Polites vibex* Whirlabout
☐ *Wallengrenia otho* Southern Broken-Dash
☒ *Wallengrenia egeremet* Northern Broken-Dash
☒ *Pompeius verna* Little Glasswing
☐ *Atalopedes campestris* Sachem
☐ *Atrytone arogos* Arogos Skipper
☒ *Anatrytone logan* (=delaware) Delaware Skipper
☐ *Problema byssus* Byssus Skipper
☐ *Problema bulenta* Rare Skipper
☐ *Ochlodes sylvanoides* Woodland Skipper
☐ *Ochlodes agricola* Rural Skipper
☐ *Ochlodes yuma* Yuma Skipper
☐ *Paratrytone snowi* Snow's Skipper

- ☒ *Poanes massasoit* Mulberry Wing
☐ *Poanes hobomok* Hobomok Skipper
☐ *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
☐ *Quasimellana eulogius* Common Mellana
☐ *Euphyes arpa* Palmetto Skipper
☐ *Euphyes palatka* Palatka Skipper
☐ *Euphyes dion* Dion Skipper
☐ *Euphyes dukesi* Dukes' Skipper
☒ *Euphyes conspicua* Black Dash
☐ *Euphyes berryi* Berry's Skipper
☐ *Euphyes bimacula* Two-spotted Skipper
☒ *Euphyes vestris* (=ruricola) Dun Skipper
☐ *Asbolis capucinus* Monk Skipper
☐ *Atrytonopsis hianna* Dusted Skipper
☐ *Atrytonopsis lunus* Moon-marked Skipper
☐ *Atrytonopsis vierecki* Viereck's Skipper
☐ *Atrytonopsis pittacus* White-barred Skipper
☐ *Atrytonopsis python* Python Skipper
☐ *Atrytonopsis cestus* Cestus Skipper
☐ *Atrytonopsis edwardsii* (=ovinia) Sheep Skipper
☐ *Amblyscirtes simius* Simius Roadside-Skipper
☐ *Amblyscirtes exoteria* 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
☐ *A. tolteca* Toltec Roadside-Skipper (formerly *prenda*)
☐ *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 alternata* Dusky Roadside-Skipper
☐ *Amblyscirtes phylace* Orange-headed Roadside-Skipper
☐ *Amblyscirtes fimbriata* Orange-edged Roadside-Skipper
☐ *Lerodea eufala* Eufala Skipper
☐ *Lerodea arabus* Violet-clouded Skipper
☐ *Lerodea dysaules* Olive-clouded Skipper
☐ *Oligoria maculata* Twin-spot Skipper
☐ *Calpodes 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 cofaqui* Cofaqui Giant-Skipper
☐ *Megathymus ursus* Ursine Giant-Skipper

2508 TOTAL individuals / 45 ADULT SPECIES

* 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: _____

Field notes: _____

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

NABA, 4 Delaware Rd, Morristown, NJ 07960 USA

- * Please write or type clearly.
- * Please send entire count submission together in one package.
- * Please make full payment in one check or money order.
- * Please do not send via registered mail.
- * Thank you very much for your cooperation & participation!

New Jersey Audubon Society

A Check List of New Jersey Butterflies

Localities

Observer(s)/Notes:

SOUTH

CENTRAL

NORTH

TOTAL

Year: 2004 7/10 / Month/Day:

Swallowtails (Family Papilionidae)

Swallowtails (Subfamily Papilioninae)

☐ Pipevine Swallowtail (*Battus philenor*)

☒ Black Swallowtail (*Papilio polyxenes*)

☐ Giant Swallowtail (*Papilio cresphontes*)

☒ Eastern Tiger Swallowtail (*Papilio glaucus*)

☒ Spicebush Swallowtail (*Papilio troilus*)

Whites and Sulphurs (Family Pieridae)

Whites (Subfamily Pierinae)

☐ Checkered White (*Pontia protodice*)

☒ Cabbage White (*Pieris rapae*)

☐ Falcate Orange-tip (*Anthocharis midea*)

Sulphurs (Subfamily Colladinae)

☒ Clouded Sulphur (*Colias philodice*)

☒ Orange Sulphur (*Colias eurytheme*)

☐ Cloudless Sulphur (*Phoebis sennae*)

☐ Little Yellow (*Eurema lisa*)

☐ Sleepy Orange (*Eurema nicippe*)

Gossamer-wing Butterflies (Family Lycaenidae)

Harvesters (Subfamily Miletinae)

☐ Harvester (*Feniseca tarquinius*)

Coppers (Subfamily Lycaeninae)

☒ American Copper (*Lycaena phlaeas*)

☐ Bronze Copper (*Lycaena hyllus*)

☐ Bog Copper (*Lycaena epixanthe*)

Hairstreaks (Subfamily Theclinae)

☒ Coral Hairstreak (*Satyrus titus*)

☐ Acadian Hairstreak (*Satyrus acadica*)

☐ Edwards' Hairstreak (*Satyrus edwardsii*)

☒ Banded Hairstreak (*Satyrus calanus*)

☒ Hickory Hairstreak (*Satyrus caryaevorum*)

☐ Striped Hairstreak (*Satyrus liparops*)

☐ Southern Hairstreak (*Satyrus favonius*)

☐ Brown Elfin (*Callophrys augustinus*)

☐ Hoary Elfin (*Callophrys polios*)

☐ Frosted Elfin (*Callophrys irus*)

☐ Henry's Elfin (*Callophrys henrici*)

☐ Eastern Pine Elfin (*Callophrys niphon*)

☒ Juniper Hairstreak (*Callophrys gryneus*)

☐ Hessel's Hairstreak (*Callophrys hessell*)

☐ White M Hairstreak (*Parnassius m-album*)

☐ Gray Hairstreak (*Strymon melinus*)

	S	C	N	TOT
☐ Red-banded Hairstreak (<i>Calycopis cecrops</i>)				
☐ Early Hairstreak (<i>Erora laeta</i>)				
Blues (Subfamily Polyommatae)	-	-	-	-
☒ Eastern Tailed-Blue (<i>Everses comyntas</i>)	19	14	5	38
☐ Spring Azure (<i>Celastrina ladon</i>)				
☐ Holly Azure (<i>Celastrina idella</i>)				
☒ Summer Azure (<i>Celastrina neglecta</i>)	4	1	3	8
☐ Appalachian Azure (<i>Celastrina neglectamajor</i>)				
☐ Cherry Gall Azure (<i>Celastrina n. sp.</i>)				
Metalmarks (Family Riodinidae)	-	-	-	-
☐ Northern Metalmark (<i>Calephelis borealis</i>)	-			
Brush-footed Butterflies (Family Nymphalidae)	-	-	-	-
Snouts (Subfamily Libytheinae)				
☐ American Snout (<i>Libytheana carinenta</i>)				
Heliconians & Fritillaries (Subfamily Heliconiinae)	-	-	-	-
☐ Gulf Fritillary (<i>Agraulis vanillae</i>)				
☒ Variegated Fritillary (<i>Euptoieta claudia</i>)	1	1		1
☒ Great Spangled Fritillary (<i>Speyeria cybele</i>)	10	7	5	22
☐ Aphrodite Fritillary (<i>Speyeria aphrodite</i>)				
☐ Silver-bordered Fritillary (<i>Boloria selene</i>)				
☐ Meadow Fritillary (<i>Boloria bellona</i>)				
True Brush-foots (Subfamily Nymphalinae)	-	-	-	-
☐ Silvery Checkerspot (<i>Chlosyne nycteis</i>)				
☐ Harris' Checkerspot (<i>Chlosyne harrisii</i>)				
☒ Pearl Crescent (<i>Phyciodes tharos</i>)	395	330	210	935
☐ Northern Crescent (<i>Phyciodes cocyta</i>)				
☒ Baltimore Checkerspot (<i>Euphydryas phaeton</i>)	4	1		5
☒ Question Mark (<i>Polygonia interrogationis</i>)		2	3	5
☒ Eastern Comma (<i>Polygonia comma</i>)	4	3	8	15
☐ Gray Comma (<i>Polygonia progne</i>)				
☐ Compton Tortoiseshell (<i>Nymphalis vau-album</i>)				
☐ Mourning Cloak (<i>Nymphalis antiopa</i>)				
☒ Milbert's Tortoiseshell (<i>Nymphalis milberti</i>)		1	2	3
☒ American Lady (<i>Vanessa virginiensis</i>)	2	3		5
☐ Painted Lady (<i>Vanessa cardui</i>)				
☒ Red Admiral (<i>Vanessa atalanta</i>)	4	8	16	28
☒ Common Buckeye (<i>Junonia coenia</i>)	1	1	2	4
Admirals and Relatives (Subfamily Limenitidinae)	-	-	-	-
☐ Red-spotted Purple (<i>Limenitis arthemis astyanax</i>)				
☐ White Admiral (<i>Limenitis arthemis arthemis</i>)				
☒ Viceroy (<i>Limenitis archippus</i>)	5	1	2	8
Emperors (Subfamily Apaturinae)	-	-	-	-
☒ Hackberry Emperor (<i>Asterocampa celtis</i>)	1			1
☐ Tawny Emperor (<i>Asterocampa clyton</i>)				
Satyr (Subfamily Satyrinae)	-	-	-	-
☒ Northern Pearly-eye (<i>Enodia anthedon</i>)	1			1
☒ Eyed Brown (<i>Satyrodes eurydice</i>)				
☒ Appalachian Brown (<i>Satyrodes appalachia</i>)	27	6		33
☐ Georgia Satyr (<i>Neonympha areolata</i>)				
☒ Little Wood-Satyr (<i>Megisto cymela</i>)	4	3		7
☒ Common Ringlet (<i>Coenonympha tullia</i>)	2		1	3
☒ Common Wood-Nymph (<i>Cercyonis pegala</i>)	320	109	30	459
Monarchs (Subfamily Danaeinae)	-	-	-	-
☒ Monarch (<i>Danaus plexippus</i>)	8	1	5	14

	S	C	N	TOT
Skippers (Family Hesperidae)	-	-	-	-
Spread-wing Skippers (Subfamily Pyrginae)	-	-	-	-
☑ Silver-spotted Skipper (<i>Epargyreus clarus</i>)	3	1		4
☐ Long-tailed Skipper (<i>Urbanus proteus</i>)				
☐ Hoary Edge (<i>Achalarus lyciades</i>)				
☐ Southern Cloudywing (<i>Thorybes bathyllus</i>)				
☐ Northern Cloudywing (<i>Thorybes pylades</i>)				
☐ Hayhurst's Scallopwing (<i>Staphylus hayhurstii</i>)				
☐ Dreamy Duskywing (<i>Erynnis icelus</i>)				
☐ Sleepy Duskywing (<i>Erynnis brizo</i>)				
☐ Juvenal's Duskywing (<i>Erynnis juvenalis</i>)				
☐ Horace's Duskywing (<i>Erynnis horatius</i>)				
☐ Zarucco Duskywing (<i>Erynnis zarucco</i>)				
☑ Wild Indigo Duskywing (<i>Erynnis baptisiae</i>)	5	2		7
☐ Common Checkered-Skipper (<i>Pyrgus communis</i>)				
☑ Common Sootywing (<i>Pholisora catullus</i>)	1			1
Grass Skippers (Subfamily Hesperinae)	-	-	-	-
☐ Arctic Skipper (<i>Carterocephalus palaemon</i>)				
☐ Swarthy Skipper (<i>Nastra iherminier</i>)				
☐ Clouded Skipper (<i>Lerema accius</i>)				
☑ Least Skipper (<i>Ancyloxypha numitor</i>)	6	4	13	23
☑ European Skipper (<i>Thymelicus lineola</i>)	4			4
☐ Fiery Skipper (<i>Hylephila phyleus</i>)				
☐ Leonard's Skipper (<i>Hesperia leonardus</i>)				
☐ Cobweb Skipper (<i>Hesperia metea</i>)				
☐ Dotted Skipper (<i>Hesperia attalus</i>)				
☐ Indian Skipper (<i>Hesperia sassacus</i>)				
☑ Peck's Skipper (<i>Polites peckius</i>)		1		1
☐ Tawny-edged Skipper (<i>Polites themistocles</i>)				
☐ Crossline Skipper (<i>Polites origenes</i>)				
☐ Long Dash (<i>Polites mystic</i>)				
☑ Northern Broken-Dash (<i>Wallengrenia egeremet</i>)	4	2	1	7
☑ Little Glassywing (<i>Pompeius verna</i>)	13	2	3	18
☐ Sachem (<i>Atalopedes campestris</i>)				
☐ Arogos Skipper (<i>Atrytone arogos</i>)				
☑ Delaware Skipper (<i>Anatrytone logan</i>)	11	14	6	31
☐ Rare Skipper (<i>Problema bulenta</i>)				
☑ Mulberry Wing (<i>Poanes massasoit</i>)	1			1
☐ Hobomok Skipper (<i>Poanes hobomok</i>)				
☐ Zabulon Skipper (<i>Poanes zabulon</i>)				
☐ Aaron's Skipper (<i>Poanes aaroni</i>)				
☑ Broad-winged Skipper (<i>Poanes viator</i>)			2	2
☐ Dion Skipper (<i>Euphyes dion</i>)				
☑ Black Dash (<i>Euphyes conspicua</i>)	1			1
☐ Two-spotted Skipper (<i>Euphyes bimacula</i>)				
☑ Dun Skipper (<i>Euphyes vestris</i>)	4	3	6	13
☐ Dusted Skipper (<i>Atrytonopsis hianna</i>)				
☐ Pepper and Salt Skipper (<i>Amblyscirtes hegon</i>)				
☐ Common Roadside-Skipper (<i>Amblyscirtes vialis</i>)				
☐ Eufala Skipper (<i>Lerodea eufala</i>)				
☐ Brazilian Skipper (<i>Calpodus ethlius</i>)				
☐ Salt Marsh Skipper (<i>Panoquina panoquin</i>)				
☐ Ocola Skipper (<i>Panoquina ocola</i>)				

	S	C	N	TOT
Others - Not Listed Above				
## Watch-list - If you see any of the following, please notify the nearest NJ Audubon Center	-	-	-	-
☐ Confused Cloudywing (<i>Thorybes confusus</i>)				
☐ Mottled Duskywing (<i>Erynnis martialis</i>)				
☐ Columbine Duskywing (<i>Erynnis lucillus</i>)				
☐ Grizzled Skipper (<i>Pyrgus centaureae</i>)				
☐ Whirlabout (<i>Polites vibex</i>)				
45 SPECIES	1,395	742	721	2,508

List prepared by Pete Bacinski, Jim Springer, Scott Barnes, David Wright & Kevin Keating. Special thanks to the North American Butterfly Association of Morristown, NJ, for their assistance with the project.



NEW JERSEY
AUDUBON
SOCIETY



Walkill River National Wildlife Refuge
Annual Butterfly Count Summary

Species	NORTH					CENTRAL					SOUTH				
	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
Pipevine Swallowtail	1	-				-	-				-	-			
Black Swallowtail	2	4		3		-	27		8		1	11		6	
Eastern Tiger Swallowtail	3	5		1		2	7		2		6	19		3	
Spicebush Swallowtail	3	2		3		1	-		1		1	3			
Cabbage White	650+	156		55		340	90		103		541	96		351	
Clouded Sulphur	-	9		4		5	23		28		8	10		39	
Orange Sulphur	15	36		2		20	70		3		39	9		2	
American Copper	-	2				-	3				-	-			
Edward's Hairstreak	-	-				-	-				-	1			
Banded Hairstreak	-	2				2	-		1		-	26			
Hickory Hairstreak	-	2				1	-				-	2			
Striped Hairstreak	-	-				-	-				-	1			
Juniper Hairstreak	-	1				-	1				-	-			
Coral Hairstreak									1						
Eastern Tailed-Blue	6	2				10	-		3		9	7		2	
Summer Azure	2	-				1	-		1		-	1			
Variegated Fritillary	1	-				-	-				-	-			
Great Spangled Fritillary	26	18		19		25	25		20		18	22		43	
Meadow Fritillary	-	-				-	-		3		4	1			
Pearl Crescent	-	125		2		1	86		1		-	77		5	
Baltimore Checkerspot	1	-				-	1		1		-	-		3	
Question Mark	3	11				-	2		2		2	3		1	
Eastern Comma	4	25				4	6		3		3	4			
Mourning Cloak	-	2				-	2				2	1			
Milbert's Tortoiseshell	-	2				-	5				-	1		1	
American Lady	3	9				4	11		2		-	8		3	
Painted Lady	-	3				-	-				-	2		1	
Red Admiral	4	835		47		15	393		19		2	123		18	
Red-spotted Purple	-	1				-	2				-	-			
Viceroy	11	1				-	-				-	2			
Northern Pearly-eye	-	-				-	-				-	1		3	
Eyed Brown	-	-				2	1				-	-			
Appalachian Brown	-	-				-	-				-	8		1	

Little Wood Satyr	-	14		2		1	-		3		4	5		4	
Common Ringlet	-	-				-	-				1	-			
Common Wood-Nymph	-	23		2		-	31		12		-	127		38	
Monarch	8	15		11		6	11		3		2	16		6	
Silver-spotted Skipper	-	4		5		-	-		3		-	1		8	
Horace's Duskywing	-	-				-	-				1	-			
Common Checkered-skipper	1	-				-	-				-	5			
Common Sootywing	-	-				-	-				-	2			
Least Skipper	26	15		2		33	3		3		11	7			
European Skipper	23	-		7		50	2		7		38	-			
Peck's Skipper	1	-				-	-		1		-	-		1	
Northern Broken-Dash	-	-				-	-				-	1		1	
Little Glassywing	1	1				-	2		1		-	9		4	
Delaware Skipper	1	4				-	8		5		-	10		11	
Zabulon Skipper	2	-				-	-		1		-	-			
Black Dash	-	-				-	1				-	6			
Dun Skipper	-	7				-	16		1		-	16			

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NEW SPECIES FOR COUNT

COMMON BUCKEYE
HACKBERRY EMPEROR
MULBERRY NING
WILD INDIGO DUSKY NING
BROAD WINGED SKIPPER

NEW HIGH TOTALS FOR SPECIES PREVIOUS HIGH

BLACK SWALLOWTAIL (115) -	42
SPICEBUSH SWALLOWTAIL (9)	6
CLOUDED SULPHUR (165)	71
AMERICAN COPPER (6)	5
BANDED HAIRSTREAK (78)	28
EASTERN TAILED BLUE (38)	27
PEARL CRESCENT (935)	609
APPALACHIAN BROWN (33)	8
COMMON RINGLET (3)	1
COMMON WOOD NYMPH (459)	220
NORTHERN BROKEN DASH (7)	2
LITTLE GLASSY WING (18)	12
DELAWARE SKIPPER (31)	22

PARTY HOURS / MILES

SOUTH	8 HRS	5 MIS. ON FOOT
	7.5 ON FOOT	
	.5 BY CAR	5 MIS. BY CAR
CENTRAL	7.5 HRS	5 MIS. ON FOOT
	7 ON FOOT	11 MIS. BY CAR
	.5 BY CAR	
NORTH	8 HRS	5 MIS. ON FOOT
	7.5 ON FOOT	10 MIS. BY CAR
	.5 BY CAR	
TOTAL	23.5	15 MILES ON FOOT
	22 ON FOOT	26 MILES BY CAR
	1.5 BY CAR	<u>41</u>