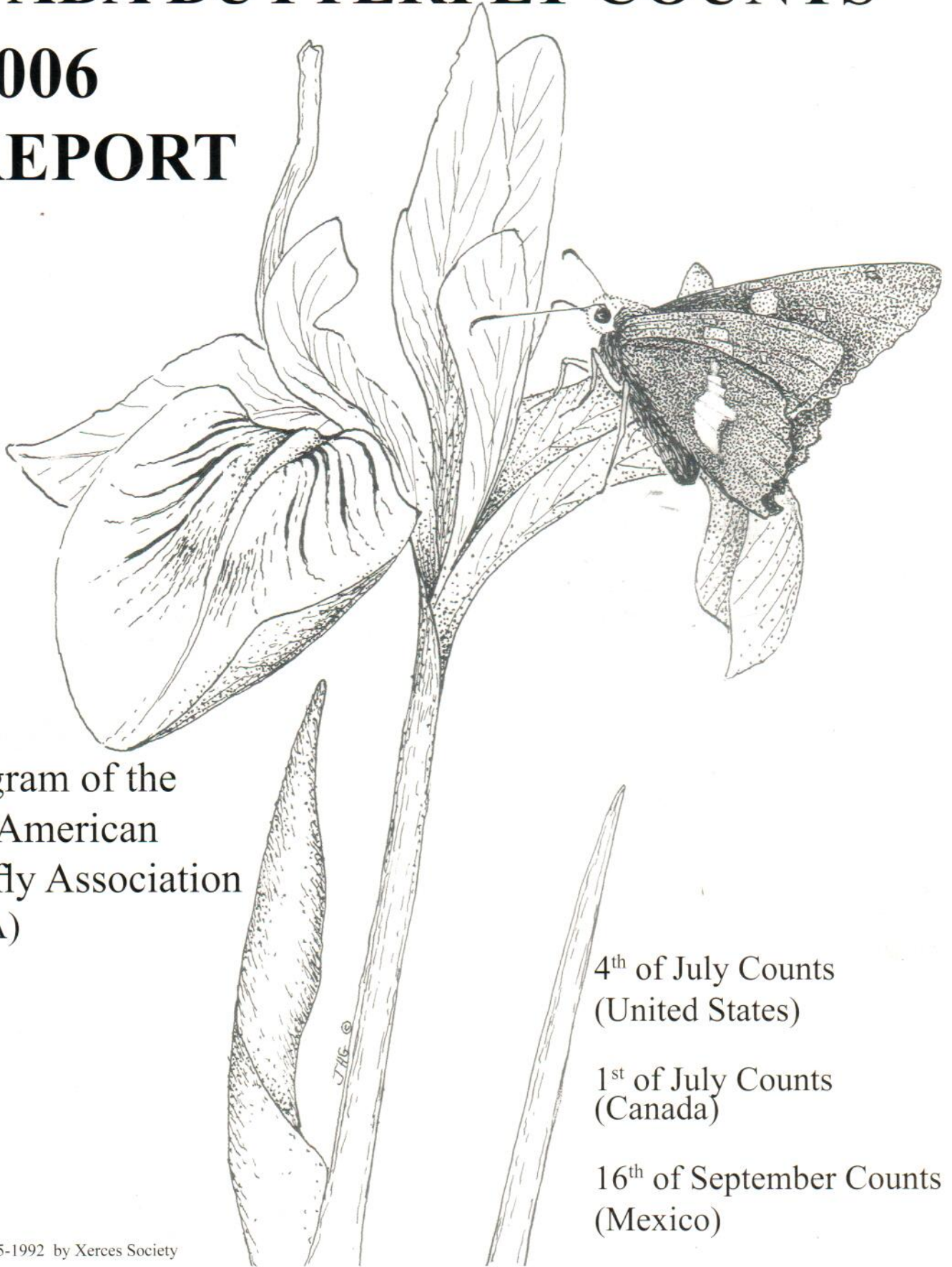


NABA BUTTERFLY COUNTS

2006

REPORT



A Program of the
North American
Butterfly Association
(NABA)

4th of July Counts
(United States)

1st of July Counts
(Canada)

16th of September Counts
(Mexico)

6, Large Marble 4, Wh. sp. 9, *Colias* sp. 2, Blue Copper 66, Purplish Co. 3, Lilac-bordered Co. 12, Lycaenidae sp. 9, Coral Hairstreak 1, Behr's Ha. 2, Sooty Ha. 2, California Ha. 1, Sylvan Ha. 3, Hedgerow Ha. 2, Sheridan's Ha. 4, Brown Elfin 1, Thicket Ha. 1, Gray Ha. 2, Square-spotted Blue 64, Arrowhead Bl. 21, Silvery Bl. 4, Melissa Bl. 2, Boisduval's Bl. 33, Acmon Bl. 50, Zerene Fritillary 1, Atlantis Fr. 7, Hydaspe Fr. 1, *Speyeria* sp. 22, N. Checkerspot 8, Field Crescent 49, Mylitta Cr. 3, *Phyciodes* sp. 1, Variable Ch. 203, Satyr Comma 8, Green Co. 1, Hoary Co. 2, California Tortoiseshell 65, Mourning Cloak 3, Milbert's To. 2, Painted Lady 1, West Coast La. 2, Red Admiral 3, Lorquin's Ad. 27, 'Northwest' Com. Ringlet 36, Com. Wood-Nymph 75, Gr. Basin Wo.-Ny. 34, Pacuvius Duskywing 3, N. White-Sk. 3, Woodland Sk. 13. **Total** 52 species, 1126 individuals.

48. Camas National Wildlife Refuge, ID. 2nd yr. 43°58'N, 112°16'W, center at Camas NWR Office. See 2005 report for habitats. **20 July 2006**; 0930-1530 hrs; sun AM & PM 76-100%; 72-90°F; wind 3-5 mi/hr. 4 observers. **Total party-hours** 6; **total party-miles on foot** 3. **Observers:** Stephen Bouffard (961 E. Minidoka Dam Rd., Rupert, ID 83350; steve_bouffard@fws.gov), M. Fisher, K. Fothergill, R. Larrañaga. Habitat changes since last year: More water in marsh this year.

Anise Swallowtail 2, Becker's White 4, Checkered Wh. 11, W. Wh. 568, Cabbage Wh. 38, Clouded Sulphur 54, Orange Su. 4, Ruddy Copper 13, Purplish Co. 12, **W. Pygmy-Blue** 1, Callippe Fritillary 1, Mylitta Crescent 13, California Tortoiseshell 1, Mourning Cloak 6, Milbert's To. 10, West Coast Lady 1, Red Admiral 2, Viceroy 6, Com. Ringlet 1, Com. Wood-Nymph 65, Small Wo.-Ny. 1, Monarch 15, Com. Checkered-Sk. 11, Woodland Sk. 6. **Total** 24 species, 846 individuals.

49. Craters of the Moon, ID. 1st yr. 43°55'N, 113°40'W, center at U.S. Hwy. 26, mile marker 221. Includes Craters of the Moon National Monument and Preserve. Elev.: 6576 ft. Habitats: Riparian, sagebrush, and agricultural. Uses of land: National Monument, agricultural. **6 June 2006**; 1000-1800 hrs; sun AM & PM 76-100%; 56-66°F; wind 0-10 mi/hr. 3 observers. **Total party-hours** 8; **total party-miles on foot** 1. **Observers:** K. Fothergill, Mike Munts (P.O. Box 29, Arco, ID 83213; michael_munts@nps.gov), K. Tindall.

'Rocky Mountain' Phoebus Parnassian 2, W. Tiger Swallowtail 2, Two-tailed Sw. 19, Becker's White 3, Large Marble 1, Queen Alexandra's Sulphur 9, Purplish Copper 7, Arrowhead Blue 1, Melissa Bl. 16, Boisduval's Bl. 38, Acmon Bl. 21, Gr. Spangled Fritillary 2, Coronis Fr. 1, Callippe Fr. 7, *Speyeria* sp. 29, Edith's Checkerspot 6, Weidemeyer's Admiral 22, Com. Ringlet 50, Com. Alpine 5, Dreamy Duskywing 3, Persius Du. 1, Com. Checkered-Sk. 1, Grass-Sk. sp. 1. **Total** 21 species, 247 individuals. **Immatures:** Satyr Comma 26 caterpillars on stinging nettle.

50. Gooding City of Rocks, ID. 2nd yr. 43°11'N, 114°39'W, center at jct. of Gooding City of Rocks, BLM Rd., and Hwy. 46. See 2005 report for habitats. **24 June 2006**; 0930-1730 hrs; sun AM 76-100%, PM 51-75%; 69-85°F; wind 0-15 mi/hr. 3 observers. **Total party-hours** 8; **total party-miles on foot** 4. **Observers:** Miriam L. Austin (780 Falls Ave., #390, Twin Falls, ID 83301; red_willow@mindspring.com), M. Inman, M. Semple.

W. Tiger Swallowtail 2, Two-tailed Sw. 2, Becker's White 19, Checkered Wh. 18, W. Wh. 1, Cabbage Wh. 2, Large Marble 1, Wh. sp. 44, Clouded Sulphur 3, Blue Copper 6, Purplish Co. 3, Behr's

Hairstreak 38, Sooty Ha. 23, California Ha. 4, Ha. sp. 1, Spring Azure 2, Dotted Blue 17, Melissa Bl. 15, Boisduval's Bl. 1, Bl. sp. 33, Coronis Fritillary 5, Zerene Fr. 9, Callippe Fr. 2, *Speyeria* sp. 46, Crescent sp. 1, Painted Lady 1, Lorquin's Admiral 1, Com. Ringlet 92, Gr. Basin Wood-Nymph 6, Small Wo.-Ny. 68, N. White-Sk. 2. **Total** 27 species, 468 individuals.

Field Notes: Shoreline where record number of Ruddy Coppers were found last year is under water this year.

51. Gospel Hump, ID. 1st yr. 45°37'N, 115°59'W, center 1 mi SE of Rocky Bluff Campground on Slate Cr., Gospel Hump Wilderness Area, Nez Perce N.F. Elev.: 2600 ft. Habitats: Subalpine, mixed conifer, riparian, wet meadow. Uses of land: Wilderness Area/National Forest. **16 July 2006**; 0930-1600 hrs; sun AM & PM 76-100%; 60-80°F; wind 0-10 mi/hr. 4 observers. **Total party-hours** 6.5; **total party-miles on foot** 3. **Observers:** K. Fothergill, Joel Sauder (3316 16th St., Lewiston, ID 83501; jsauder@idfg.idaho.gov), A. Polewicz, C. Sauder.

Clodius Parnassian 1, Anise Swallowtail 6, Two-tailed Sw. 1, Pale Sw. 1, W. White 3, Mustard Wh. 3, Cabbage Wh. 3, Pink-edged Sulphur 1, Edith's Copper 1, Blue Co. 1, Mariposa Co. 1, Gray Hairstreak 1, Spring Azure 1, Square-spotted Blue 2, Silvery Bl. 6, Boisduval's Bl. 4, Gr. Spangled Fritillary 9, Gr. Basin Fr. 2, Atlantis Fr. 1, Hydaspe Fr. 6, Mormon Fr. 1, Pacific Fr. 41, N. Checkerspot 2, N. Crescent 8, Field Cr. 1, Mylitta Cr. 2, 'Chalcedon' Variable Ch. 1, Satyr Comma 5, Green Co. 1, California Tortoiseshell 55, Milbert's To. 12, Lorquin's Admiral 13, Com. Ringlet 3, Com. Wood-Nymph 4, Gr. Basin Wo.-Ny. 1, Chryxus Arctic 1, Woodland Sk. 1. **Total** 37 species, 206 individuals.

52. Hagerman, ID. 2nd yr. 42°49'N, 114°53'W, center at Hagerman P.O. See 2005 report for habitats. **18 June 2005**; 1000-1600 hrs; sun AM & PM 76-100%; 70-90°F; wind 0-10 mi/hr. 2 observers. **Total party-hours** 6; **total party-miles on foot** 4. **Observers:** J. Fothergill, Kent Fothergill (506 Center St. W., Kimberly, ID 83341; kent@csr-inc.com). Habitat changes since last year: Noxious weeds increasing, especially knapweed.

W. Tiger Swallowtail 15, Becker's White 2, Cabbage Wh. 63, Clouded Sulphur 7, Orange Su. 1, Gray Hairstreak 3, Melissa Blue 1, Mylitta Crescent 6, Satyr Comma 2, Mourning Cloak 2, Viceroy 2, Com. Ringlet 46, Gr. Basin Wood-Nymph 5, Monarch 1, Silver-spotted Sk. 4. **Total** 15 species, 160 individuals.

53. Laidlaw Park, ID. 1st yr. 43°09.285'N, 113°37.317'W, center at South Park Well in Laidlaw Park (within Shoshone BLM Field Office Area and Craters of the Moon National Monument Expansion Area). Includes South Park Well, Lava Point, Laidlaw Butte, Potter Butte. Elev.: 5000 ft. Habitats: Sagebrush/grass, grass seedings, recent burned and seeded areas, lava beds, stock ponds, and meadow/marsh areas. Uses of land: Cattle and sheep grazing, recreation, hunting. Imminent threats to habitat: Overgrazing, invasive weeds. **18 June 2006**; 0730-1730 hrs; sun AM 76-100%, PM 51-75%; 52-85°F; wind 1-15 mi/hr. 1 observer. **Total party-hours** 10; **total party-miles on foot** 5. **Observer:** Miriam Austin (780 Falls Ave., #390 Twin Falls, ID 83301; red_willow@mindspring.com).

Becker's White 14, Checkered Wh. 24, Wh. sp. 1, Clouded Sulphur 1, Queen Alexandra's Su. 1, Ruddy Copper 1, Blue Co. 2, Purplish Co. 5, W. Pygmy-Blue 3, Arrowhead Bl. 2, Melissa Bl. 306, Boisduval's Bl. 1, Acmon Bl. 1, Coronis Fritillary 5, Callippe Fr. 19,

Speyeria sp. 7, Com. Ringlet 4, Com. Checkered-Sk. 2, N. White-Sk. 2, Com. Branded Sk. 2. **Total** 18 species, 403 individuals.

Field Notes: Melissa Blue numbers observed puddling, and many fresh blues, whites, and fritillaries were seen.

54. Magic Mountain, ID. 5th yr. 42°11.5'N, 114°17'W, center at Magic Mountain Ski Area, SE 1/4 Sec. 24, T14S R18E. See 2002 report for habitats. **17 June 2006;** 0930-1630 hrs; sun AM & PM 76-100%; 60-80°F; wind 0-10 mi/hr. 4 observers. **Total party-hours 7; total party-miles on foot 4. Observers:** P. Castrovilla, Kent Fothergill (506 Center St. W., Kimberly, ID 83341; kent@csr-inc.com), J. Randell, K. Tindall. Habitat changes since last year: Increasing ATV use is making the Shoshone Cr. riparian area less suitable for puddling.

W. Tiger Swallowtail 46, Two-tailed Sw. 19, Pale Sw. 22, yellow *Papilio* sp. 6, Mustard White 1, Sara Orangetip 18, Wh. sp. 1, Queen Alexandra's Sulphur 1, Lustrous Copper 4, Purplish Co. 26, California Hairstreak 6, Juniper Ha. 2, Spring Azure 50, Square-spotted Blue 4, Arrowhead Bl. 9, Silvery Bl. 1, Melissa Bl. 15, Greenish Bl. 2, Boisduval's Bl. 93, Acmon Bl. 15, Callippe Fritillary 61, Field Crescent 38, Mylitta Cr. 4, Variable Checkerspot 2, California Tortoiseshell 14, Mourning Cloak 6, Milbert's To. 1, Painted Lady 1, Viceroy 1, Weidemeyer's Admiral 54, Com. Ringlet 75, Com. Wood-Nymph 1, Monarch 2, Dreamy Duskywing 13, Com. Sootywing 4, Juba Sk. 4. **Total** 34 species, 622 individuals.

55. Minidoka NWR, ID. 6th yr. 42°39'N, 113°22'W, center at SE corner of Sec. 12, T9S R26E. See 2001 report for habitats. **21 July 2006;** 0830-1500 hrs; sun AM & PM 76-100%; 74-96°F; wind 3-8 mi/hr. 4 observers. **Total party-hours 6.5; total party-miles on foot 2. Observers:** Stephen Bouffard (961 E. Minidoka Dam Rd. Rupert, ID 83350; steve_bouffard@fws.gov), M. Fisher, K. Fothergill, G. Matschke.

W. Tiger Swallowtail 4, Becker's White 105, Checkered Wh. 1, W. Wh. 1, Cabbage Wh. 94, Clouded Sulphur 4, Queen Alexandra's Su. 5, Purplish Copper 11, W. Pygmy-Blue 3, Melissa Bl. 82, Mylitta Crescent 4, Satyr Comma 1, Red Admiral 1, Com. Wood-Nymph 9, Com. Checkered-Sk. 8, Com. Branded Sk. 8, Woodland Sk. 3. **Total** 17 species, 344 individuals.

56. Mount Harrison, ID. 1st yr. 42°17.068'N, 113°38.911'W, at corner common to Secs. 15, 16, 21, and 22, approximately 2 mi south of Mt. Harrison summit. Includes Thompson Flat, Twin Lakes, Lake Cleveland, Elba Pass, Independence Lakes, City of Elba, Mount Harrison, Mount Independence, and Pomerelle Resort. Elev.: 9265 ft. Habitats: Sagebrush/grassland, tall forb, scree slopes, riparian/lakeshore, wetland, juniper, limber pine, aspen/conifer, subalpine. Uses of land: Cattle grazing, recreation, ski resort and runs, ORV/ATV use, hunting, campgrounds, fire look-out, hang gliding, etc. **21 July 2006;** 0730-1930 hrs; sun AM 76-100%, PM 51-75%; 69-107°F; wind 1-8 mi/hr. 3 observers in 2 parties. **Total party-hours 12; total party-miles on foot 8. Observers:** Miriam Austin (780 Falls Ave. #390, Twin Falls, ID 83301; red_willow@mindspring.com), B. Prunty, J. Randell.

Anise Swallowtail 2, W. Tiger Sw. 4, Two-tailed Sw. 2, *Papilio* sp. 5, Becker's White 5, Spring Wh. 1, Checkered Wh. 29, W. Wh. 4, Cabbage Wh. 8, Sara Orangetip 18, Wh. sp. 51, Clouded Sulphur 31, Orange Su. 3, Ruddy Copper 16, Purplish Co. 46, Co. sp. 1, Sooty Hairstreak 4, Sylvan Ha. 1, Juniper Ha. 1, Gray Ha. 1, Ha. sp.

5, W. Tailed-Blue 2, Spring Azure 13, Arrowhead Bl. 10, Melissa Bl. 1, Boisduval's Bl. 1, Acmon Bl. 2, Bl. sp. 18, Gr. Spangled Fritillary 3, Coronis Fr. 10, Zerene Fr. 27, Callippe Fr. 54, *Speyeria* sp. 258, N. Crescent 3, Mylitta Cr. 2, Variable Checkerspot 1, Satyr Comma 6, Green Co. 2, Hoary Co. 8, Mourning Cloak 8, Milbert's Tortoiseshell 16, Viceroy 1, Weidemeyer's Admiral 25, Com. Ringlet 2, Com. Wood-Nymph 78, Gr. Basin Wo.-Ny. 64, Small Wo.-Ny. 1, *Cercyonis* sp. 16, Nymphalidae sp. 6, Com. Checkered-Sk. 2, Com. Sootywing 1, Com. Branded Sk. 4, Sk. sp. 6. **Total** 44 species, 889 individuals.

Field Notes: Morning breezy, afternoon and evening very hot and humid. Steep terrain prevents approaching butterflies closely in some areas.

57. Pleasantview Hills, ID. 2nd yr. 42°14.7'N, 112°28.9'W, center at water tank in North Fork Canyon. See 2005 report for habitats. **7 July 2006;** 0830-1730 hrs; sun AM 76-100%, PM 51-75%; 70-90°F; wind 0-8 mi/hr. 3 observers. **Total party-hours 9; total party-miles on foot 5. Observers:** B. Austin, Miriam Austin (780 Falls Ave., #390, Twin Falls, ID 83301; red_willow@mindspring.com), M. Austin. Imminent threats to habitat: Overgrazing, fire, invasive weeds. Habitat changes since last year: Wood Canyon riparian pasture is not grazed, while other areas are heavily grazed. More blooming forbs higher up.

Phoebus Parnassian 1, W. Tiger Swallowtail 43, Two-tailed Sw. 31, Pale Sw. 5, Checkered White 23, W. Wh. 2, Cabbage Wh. 4, Clouded Sulphur 17, Orange Su. 5, Edith's Copper 1, Ruddy Co. 5, Blue Co. 5, Purplish Co. 12, Sooty Hairstreak 5, Spring Azure 1, Melissa Blue 5, Boisduval's Bl. 2, Gr. Spangled Fritillary 5, Coronis Fr. 2, Zerene Fr. 1, Callippe Fr. 5, *Speyeria* sp. 372, Field Crescent 5, Mylitta Cr. 25, Satyr Comma 29, Mourning Cloak 9, Milbert's Tortoiseshell 1, Painted Lady 11, Weidemeyer's Admiral 20, Lorquin's Ad. 1, Com. Ringlet 1, Gr. Basin Wood-Nymph 9, Small Wo.-Ny. 4, Com. Checkered-Sk. 16, N. White-Sk. 2, Com. Sootywing 1, Sk. sp. 1. **Total** 35 species, 687 individuals.

Field Notes: Cooler than expected, with more wildflowers than last year. Cloud shadows and heat brought count to close earlier than hoped. Heavy grazing affected butterflies in several locations.

58. Salmon, ID. 2nd yr. 45°11'N, 113°53'W, center at the ID Dept. of Fish and Game Office, 99 Hwy. 93N, Salmon. See 2005 report for habitats. **22 July 2006;** 0930-1500 hrs; sun AM & PM 76-100%; 82-98°F; wind 0-5 mi/hr. 7 observers. **Total party-hours 5.5; total party-miles on foot 2. Observers:** E. Cohen, L. Cohen, M. Cohen, K. Fothergill, C. Haggas, K. Tindall, Beth Waterbury (P.O. Box 1336, Salmon, ID 83467; bwaterbury@idfg.idaho.gov). Imminent threats to habitat: Invasive and noxious weeds on survey site at Hot Springs Island.

Becker's White 7, Checkered Wh. 7, W. Wh. 33, Cabbage Wh. 36, Clouded Sulphur 1, Orange Su. 3, Christina's Su. 3, Queen Alexandra's Su. 50, Ruddy Copper 29, Purplish Co. 13, Gray Hairstreak 2, Melissa Blue 1, Mylitta Crescent 14, Mourning Cloak 1, Viceroy 6, Lorquin's Admiral 2, Com. Ringlet 2, Com. Wood-Nymph 43, Gr. Basin Wo.-Ny. 5, Monarch 1, Com. Checkered-Sk. 1, Com. Sootywing 2, Com. Branded Sk. 1, Woodland Sk. 33. **Total** 24 species, 296 individuals.

Field Notes: Plant phenology advanced compared to 2005 owing to warmer, drier summer.