

NEWS AND NOTES

REPORT OF THE SIXTY-THIRD ANNUAL MEETING OF THE COOPER ORNITHOLOGICAL SOCIETY CELEBRATING THE SOCIETY'S CENTENNIAL YEAR

The Cooper Ornithological Society held its 63rd annual meeting, commemorating the Society's Centennial Year, at Red Lion's Sacramento Inn, Sacramento, California, 13-18 April 1993. Jared Verner and Michael L. Morrison cochaired the Local Committee on Arrangements while many special events were arranged by Russ Balda and Tom Howell, cochaired of the Centennial Committee. William M. Block chaired the Scientific Program Committee. There were 12 organizational sponsors, 104 individual sponsors and 538 registrants, the last establishing a record for the Society.

Two symposia were conducted. "Biology and Management of the Northern Goshawk" included 30 papers and was organized by William M. Block, Michael L. Morrison, M. Hildegard Reiser, Douglas A. Boyce and Richard T. Reynolds. The second symposium, "A Century of Avifaunal Change in Western North America," was organized by Ned K. Johnson and Joseph R. Jehl, Jr. The 27 presentations will be published in the Society's series, *Studies In Avian Biology*. During the regular scientific sessions an additional 99 papers and 13 posters were presented. Below is a complete listing of papers and posters presented during the meeting.

The Society instituted a new award, the Miller Award, named in honor of Loye H. and Alden H. Miller, for lifetime achievement in ornithological research. The Miller Award Committee, chaired by Robert W. Storer, presented the first Miller Award to George A. Bartholomew because (in part) his "... broad view of life, intelligence, insight, and diligence have been combined to create a new way of looking at the individual animal." A full citation is published elsewhere in this issue.

A second new award, the Mewaldt-King Student Research Award, was also first presented during the Centennial Meeting banquet. This award, in honor of Richard L. Mewaldt and James R. King, was presented to Troy I. Wellicome of the University of Alberta for his proposed research, "The Effects of Prey Supply on the Reproduction of Burrowing Owls (*Athene cucularia*)."

The Mewaldt-King Award Committee was chaired by Diana F. Tomback.

The Harry R. Painton Award is presented in odd-numbered years for the best paper to appear in *The Condor* in the preceding four years. The 1993 Painton Award was given to Martin L. Morton for his paper "Effects of Sex and Birth Date on Premigration Biology, Migration Schedules, Return Rates and Natal Dispersal in the Mountain White-crowned Sparrow," which appeared in volume 94, pages 117-133.

Honorary memberships were bestowed on Sandra L. L. Gaunt, Dennis M. Power and Charles Van Riper III for outstanding contributions to ornithology. Full citations appear elsewhere in this issue.



FIGURE 1. Martin L. Morton (left) receiving 1993 Painton Award from Lloyd F. Kiff.

Four awards were presented for outstanding student papers. The A. Brazier Howell Award for the best student paper went to Peter W. C. Paton of Utah State University for his paper entitled, "Do Edge Effects Exist?". The Frances F. Roberts Award was given to David J. Delehanty of the University of Nevada-Reno for "Prolactin as a Physiological Mediator of Male Wilson's Phalarope's (*Phalaropus tricolor*) Incubation Response to Clutch-size Changes." A Board of Directors Award was given to Vincent R. Muehter of the University of Montana for "Song Matching and Microgeographic Variation in a Population of Lazuli Buntings (*Passerina amoena*)."

A second Board of Directors Award went to Leslie J. Rissler of Utah State University for "The Possible Influence of Sapsucker, *Sphyrapicus varius varius*, Presence on Insect Community Structure."

Through the annual balloting by Society members, Thomas C. Edwards, Richard F. Johnston and Kimberly G. Smith were elected to three-year terms on the Board of Directors. The extensive bylaws revision was approved by a wide margin.

In the Board of Directors' meetings, the following were elected to, or continue in, office: Lloyd F. Kiff, President; Sheila A. Mahoney, President-elect; Terrell D. Rich, Secretary; Peter Stettenheim, Assistant Secretary; Donald R. Powers, Treasurer; Walter Wehtje, Assistant Treasurer. Glenn E. Walsberg continues as editor of *The Condor* and John T. Rotenberry is the new editor of *Studies in Avian Biology*.

The next annual meeting of the Society will be held jointly with the American Ornithologists' Union and Wilson Ornithological Society on 20-25 June 1994 at the University of Montana, Missoula. This will be the first time these three societies have met together. Watch for details on this historic meeting in the OSNA newsletter and in future issues of *The Condor*.

Several resolutions were passed by the Board of Directors. If you know of individuals or organizations that should receive official copies of one or more of these, contact William M. Block, chair of the Conservation-Resolutions Committee.

RESOLUTION IN SUPPORT OF THE CONSERVATION OF THE SOUTHWESTERN WILLOW FLYCATCHER

Whereas populations of the Southwestern Willow Flycatcher (*Empidonax trailii extimus*) have declined to less than 500 pairs throughout their geographic range extending from New Mexico west to southern California, and

Whereas the causes of this population decline are interrelated and include the loss and fragmentation of riparian habitat, invasion by exotic saltcedar (*Tamarix* sp.), parasitism by Brown-headed Cowbirds (*Molothrus ater*), detrimental effects of grazing by cattle, and

Whereas, the subspecies is already listed as Endangered by the states of Arizona, California, and New Mexico, and is a Category 1 candidate for federal listing by the United States Fish and Wildlife Service,

Therefore be it resolved that the Cooper Ornithological Society strongly commends and supports the cooperative efforts of the U. S. Fish and Wildlife Service, Bureau of Land Management, U. S. Forest Service, Arizona Department of Game and Fish, and New Mexico Department of Game and Fish to elucidate more clearly the status of the bird and future measures needed to restore populations of the Southwestern Willow Flycatcher.

RESOLUTION DEMANDING RELIEF ON THE MIST NET BAN

Whereas mist nets are used in mammalogy and ornithology, and

Whereas mist nets are used in the commercial exploitation of passerines in the Mediterranean, Japan, and other areas of the world, and

Whereas this commercial harvest of passerines has become far too pervasive despite existing regulatory mechanisms, necessitating stronger measures to curb excessive exploitation of the world's avian resources, and

Whereas the Japanese government greatly restricted the exportation of mist nets because they are used to capture migratory birds for culinary purposes, and

Whereas these export regulations made it difficult to procure mist nets for scientific use,

Therefore be it resolved that the Cooper Ornithological Society commends the intent of these regulations to curtail the capture of wild birds for food, and

Therefore be it further resolved that the Cooper Ornithological Society demands that the regulatory institutions relax bans on the exportation of mist nets

for use by mammalogists and ornithologists provided that these researchers demonstrate that the nets will be used solely for scientific purposes.

RESOLUTION SUPPORTING THE MEXICAN SPOTTED OWL RECOVERY TEAM

Whereas the extant population of Mexican Spotted Owls (*Strix occidentalis lucida*) is estimated to be only slightly in excess of 2,000 birds in the United States, and

Whereas the U. S. Fish and Wildlife Service has determined that habitat of this subspecies continues to be lost and fragmented, and

Whereas this habitat loss has precipitated listing of this subspecies as Threatened by the U. S. Fish and Wildlife Service,

Therefore be it resolved that the Cooper Ornithological Society supports the efforts of the Mexican Spotted Owl Recovery Team in its development of a Recovery Plan to ensure the recovery of this subspecies, and

Therefore be it further resolved that the Cooper Ornithological Society urges the Recovery Team to approach this recovery effort as one directed towards ecosystem sustainability and not solely for the conservation of a single subspecies.

RESOLUTION OF COMMENDATION

Whereas the Cooper Ornithological Society held its Sixty-third Annual Meeting, a special meeting in commemoration of the Society's Centennial celebration, in Sacramento, California, sponsored by the Lula May Lloyd Von Hagen Foundation; USDA Forest Service, Pacific Southwest Research Station; University of California, Berkeley; California State University, Sacramento; USDA Forest Service, Rocky Mountain Research Station; Pacific Gas and Electric Company; Western Regional Office of the National Audubon Society; Sacramento Audubon Society; Yolo Audubon Society; University of California, Davis; Jones and Stokes Associates, Incorporated; LSA Associates, Incorporated, and 104 private individuals, and

Recognizing that the Committee on Local Arrangements, under the outstanding direction of Michael L. Morrison and Jared Verner provided us with an exceptionally diverse assemblage of exhibits, special events, field trips, and evening social events, and

Recognizing that the Committee on the Scientific Program, under the equally capable direction of William M. Block, arranged outstanding scientific lecture sessions, workshops, and poster sessions, and

Whereas all those who have attended this meeting have been enriched by it,

Therefore be it resolved that the Cooper Ornithological Society commends the Committee on Local Arrangements and the Committee on the Scientific Program for their efforts towards this memorable meeting.



FIGURE 2. Officers and Directors of the Cooper Ornithological Society at the Centennial Meeting. From left to right, front row: John Rotenberry, Stephen I. Rothstein, Sheila A. Mahoney, Carol M. Vleck, Howard L. Cogswell. Second row: Michael L. Morrison, Deborah M. Finch, Fred E. Lohrer, J. Michael Scott, Glenn E. Walsberg, Martin L. Morton, Lloyd F. Kiff. Back row: Walter D. Koenig, Terrell D. Rich, Donald R. Powers.

PAPERS AND POSTERS PRESENTED DURING THE SIXTY-THIRD ANNUAL MEETING OF THE COOPER ORNITHOLOGICAL SOCIETY

SYMPOSIUM: BIOLOGY AND MANAGEMENT OF THE NORTHERN GOSHAWK

Introduction. M. Hildegard Reiser

Northern Goshawk Ecology: Effects of Scale and Levels of Biological Organization. John J. Keane and Michael L. Morrison

Spatial Hierarchy of Habitat Selection by Northern Goshawks in Pennsylvania. J. Timothy Kimmel and Richard H. Yahner

Nesting Habitat of Coexisting *Accipiter* Species in North-central New Mexico. Melissa S. Siders and Patricia L. Kennedy

Breeding Biology of Northern Goshawks in North-eastern Oregon. Evelyn L. Bull and Janet E. Hohmann

A Macrohabitat Model for Predicting Potential Nesting Areas for Northern Goshawks in Eastern Forests. Thomas Bosakowski, Robert Speiser, and Dwight G. Smith

Analysis of Goshawk Nesting Habitat on the Targhee National Forest, Greater Yellowstone Ecosystem. Susan M. Patla and Charles H. Trost

Status, Distribution, and Habitat of Northern Goshawks in Eastern Oregon—an Interim Report. Stephen DeStefano and E. Charles Meslow

Managing Goshawk Nest Stand Habitat Using Stand Density Index. Robert J. Lillieholm, James N. Long, and Susan Patla

Creation of a G.I.S. Model for Predicting the Location of Nesting Habitat Used By the Northern Goshawk (*Accipiter gentilis*) within the Dixie National Forest. Carl Johansson and Perry Hardin

Landscape-Level Patterns of Habitat Selection by Nesting Northern Goshawks (*Accipiter gentilis*) in the Southern Cascades. Bonnie Allison and Brian Woodbridge

Home Ranges and Habitats of Northern Goshawks in Eastern California. Christina Hargis, Clinton McCarthy, and Richard D. Perloff

Home Range and Habitat Characteristics of Male Northern Goshawks (*Accipiter gentilis*) on the Kaibab Plateau. Donald J. Smith and R. William Mannan

Home Ranges of Northern Goshawks Nesting in North-central New Mexico. Patricia L. Kennedy

Northern Goshawk Diets in Ponderosa Pine Forests on the Kaibab Plateau. Clint W. Boal and R. William Mannan

Food Supplementation of the Northern Goshawk (*Accipiter gentilis*) During Brood-Rearing. Joni M. Ward and Patricia L. Kennedy

Responses of Northern Goshawks to a Peak and Decline in Snowshoe Hare Numbers. Frank I. Doyle and James N. M. Smith

Breeding Ecology of the Northern Goshawk (*Accipiter gentilis*) in Naturally Fragmented Aspen (*Populus tremuloides*) Forests of Northern Nevada. James Younk and Marc Bechard

Northern Goshawk Broadcast Surveys: Hawk Response Variables and Survey Costs. Suzanne M. Joy, Richard T. Reynolds, and Douglas G. Leslie

Genetic Variation and Taxonomic Status of Northern Goshawks: Allozymes, Random Amplified Polymorphic DNA, and Other Nuclear Markers. Bernie May, Thomas A. Gavin, and Richard T. Reynolds

Goshawk Reproduction and Forest Management: A Reanalysis. Douglas A. Boyce, Jr., Margaret Kirke-minde, and Richard T. Reynolds

Northern Goshawks and the 10-Year Cycle. Thomas C. Erdman and David F. Brinker

Wisconsin Goshawk Populations. Thomas C. Erdman, David F. Brinker, and John P. Jacobs

Territory Occupancy, Nest Site Movements and Reproductive Success of Northern Goshawks in the Southern Cascades of California. Brian Woodbridge and Phil Detrich

Territory Fidelity, Mate Fidelity and Movements of Color-marked Northern Goshawks in the Southern Cascades of California. Phil Detrich and Brian Woodbridge

Northern Goshawk Demographics on the North Kaibab Plateau: Preliminary Results. Douglas G. Leslie, Richard T. Reynolds, and Suzanne M. Joy

Population and Ecology of the Northern Goshawk on the North Kaibab Plateau: Preliminary Results. Richard T. Reynolds, Suzanne M. Joy, and Douglas G. Leslie

Northern Goshawk (*Accipiter gentilis*) Management: A Summary of Forest Service Practices. Mary E. Maj, Susan Patla, and Clint McCarthy

Forest Dynamics, Silviculture and Management of Northern Goshawk Habitat in the Major Forest Types of Northern California. Brian Woodridge, Tom Jermerson, and Brenda Devlin-Craig

Sustaining Forest Habitat for the Northern Goshawk (*Accipiter gentilis atricapillus*). R. T. Graham, R. T. Reynolds, M. H. Reiser, R. L. Bassett, and D. A. Boyce

Forest Development in Relationship to Goshawk Habitat in the Southwestern United States. Richard L. Bassett and Douglas A. Boyce, Jr.

GENERAL PAPER SESSIONS

Evolution of Clutch Size and Life History Variation Among Species: Food Limitation Is of Minor Importance. Thomas E. Martin

Growing Up on an Island: Prebreeding Survival and

Age of First Breeding in the Santa Cruz Island Scrub Jay. Kennon A. Corey

Growing Old on an Island: Survival of Breeding Adult Santa Cruz Island Scrub Jays. Charles T. Collins and Kennon A. Corey

Long-term Demographic Processes in an Orange-crowned Warbler (*Vermivora celata*) Population Using Data From Standardized Mist Nets. Thomas Leeman, Geoffrey R. Geupel, Nadav Nur, and Mary Chase

Clutch Size Evolution in the Eastern Kingbird: Tests of Alternative Hypotheses. Michael T. Murphy

Survival Rates of Female Northern Pintails (*Anas acuta*) Wintering in Louisiana. Robert R. Cox, Jr., Alan D. Afton, and Richard M. Pace, III

Philopatry, Site Fidelity, Dispersal, and Survival of Spotted Sandpipers (*Actitis macularia*). J. Michael Reed and Lewis W. Oring

Analysis of Population Trends of Western Landbirds Using the BBS Database. Richard L. Hutto and Jared Verner

Long-term Demographics of a Wilson's Warbler (*Wilsonia pusilla*) Population Using Data From Standardized Mist-netting. Mary K. Chase, Nadav Nur, Geoffrey R. Geupel, and Thomas Leeman

Population Characteristics of Tricolored Blackbirds (*Agelaius tricolor*) in the Central Valley of California in 1992. Rhys Bowen, Liz Cook, and William J. Hamilton, III

Population Survival and Metapopulation Structure in Fluctuating Environments. Peter B. Stacey and Mark Taper

Influence of Old Nest Material on the Numbers of Ectoparasites in Nestboxes and the Breeding Biology of Tree Swallows (*Tachycineta bicolor*). Wallace B. Rendell and Nicolaas A. M. Verbeek

Neighbor-Neighbor Synchrony in Egg-laying and Reproductive Success of Common Murres. Edward C. Murphy and James H. Schauer

Microclimate in Avian Nesting Cavities: Ammonia Pollution. E. Dale Kennedy and Douglas W. White

Asynchronous Polygyny in the Bewick's Wren in Kansas. Douglas W. White and E. Dale Kennedy

Spatial Organization in Belding's Savannah Sparrows. Kris Burnell

Barn Owl Reproduction: Patterns, Variation and Constraints Near the Limit of the Species' Distribution. Carl D. Marti

Year-to-year Mate Fidelity in a Neotropical Migrant Warbler: Site Attachment or Mate Choice? Peter P. Marra and Richard T. Holmes

Chick Provisioning and Fledging Success of Three Sympatric Species of Terns in the Gulf of Maine. Barbara R. North

Effects of Brown-headed Cowbird (*Molothrus ater*) Parasitism on Willow Flycatcher (*Empidonax traillii*) Nesting Success. Mary J. Whitfield

- Response of Woodland Birds to Habitat Fragmentation and Recreational Activities in an Urbanizing Landscape. Thomas A. Scott and Nanette L. Pratini
- When a Native Avian Predator Becomes a Pest: Common Raven Predation on Desert Tortoises. William I. Boardman
- Upland Sandpiper Nesting Reduced by Spring Grazing in Managed Grasslands. Bonnie S. Bowen and Arnold D. Kruse
- Status of the Interior Population of Least Tern (*Sterna antillarum*). Eileen M. Kirsch and John G. Sidle
- Nonlethal Control of Egg Predation by Corvids at California Least Tern Colonies. Michael L. Avery and C. Edward Knittle
- Status of the Southwestern Willow Flycatcher Along the Colorado River in the Grand Canyon. Mark K. Sogge and Timothy Tibbitts
- Will the Conservation Reserve Program Reverse Population Declines of Grassland Birds? Rolf R. Koford, Douglas H. Johnson, and Michael D. Schwartz
- Bird Densities in Native vs. Agricultural Habitats in South-central Florida. Christine M. Champe
- Does Reduced Male Assistance in Defending Offspring Contribute to the Cost of Polygyny in House Wrens (*Troglodytes aedon*)? L. Scott Johnson and Dan Albrecht
- Where are All the Birds Going? In Search of the Wintering Grounds of the Endangered Least Bell's Vireo. Barbara E. Kus
- Riparian Avifaunas of the Northwestern Great Basin: The Impact of Habitat Degradation on Avian Community Structure at Hart Mountain National Antelope Refuge. David S. Dobkin, Adam C. Rich, and William H. Pyle
- The Importance of Peer Review in Resolving Environmental Issues. Richard E. MacMillen
- An Evaluation of the Global Positioning System as a Research Tool in the Management of the Red-Cockaded Woodpecker (*Picoides borealis*). Kathleen E. Franzreb and Haven R. Barnhill
- Bird Conservation and the Reductionist Habitat Syndrome. Hartmut S. Walter
- The Effects of Temporal Variation on Resource Use by Black-throated Gray Warblers (*Dendroica nigrescens*). John J. Keane
- Foraging Rates and Time Budgets of a Neotropical Migrant Warbler in Summer and Winter: An Assessment of Food Availability. Irby J. Lovette
- The Possible Influence of Sapsucker, *Sphyrapicus varius varius*, Presence on Insect Community Structure. Leslie J. Rissler
- Influence of Insect Availability on the Foraging Behavior and Nestling Diet of Mountain Chickadees. Paula K. Kleintjes and Donald L. Dahlsten
- Adaptation to Single Resources and the Evolution of Crossbill (*Loxia*) Diversity. Craig W. Benkman
- Food Habits of the Long-eared Owl (*Asio otus*) in Southwestern Idaho: Seasonal Changes and Comparisons of Diets of Adults and Young. Helen Ulmschneider
- Correlates of Polyterritorial Behavior in Lazuli Buntings (*Passerina amoena*). Erick Greene
- Intraspecific Variation in Song Repertoire Development in the White-crowned Sparrow (*Zonotrichia leucophrys*). Douglas A. Nelson, Peter Marler, and Martin L. Morton
- Song Learning as Evidenced from Song Sharing in Violet-ears (Hummingbirds) in the Genus *Colibri*. Luis F. Baptista and Sandra L. L. Gaunt
- On Parallels Between Song Learning and Sexual Imprinting. Luis F. Baptista and Douglas A. Bell
- Covariation Between Plumage and Song Characteristics in Lazuli Buntings (*Passerina amoena*). Leslie A. Leroux
- Song Matching and Microgeographic Variation in a Population of Lazuli Buntings (*Passerina amoena*). Vincent R. Muehter
- Metabolizability of Green Plants by Lesser Snow Geese: Understanding Body-size Evolution in Geese? James S. Sedinger, Robert G. White, and J. W. Hupp
- Water Economy of Desert and Coastal House Finches. David S. Hinds and Richard E. MacMillen
- Hematocrits in Montane Sparrows in Relation to Reproductive Schedule. Martin L. Morton
- The Geography of Winter Fattening in the American Goldfinch (*Carduelis tristis*). William R. Dawson
- Prolactin as a Physiological Mediator of Male Wilson's Phalarope's (*Phalaropus tricolor*) Incubation Response to Clutch-size Changes. David J. Delehanty
- Physiological Properties of Montane and Lowland Ptarmigan Embryos. Cynthia Carey and Kathy Martin
- Egg Temperature Regulation: The Role of Nest Structure and Bird Responses in the Palestine Sunbird (*Nectarina osea*). Y. Sidis, R. A. Ackerman, and A. Ar
- Riparian Bird Use of Islands in the Snake River in Southwestern Idaho, Refuges for Habitat and From Mammalian Predation. Helen Ulmschneider and Bruce Zoellick
- Spatial Variation in Fledging Dates of Belted Kingfishers (*Megaceryle alcyon*) Along a River Gradient. Jeffrey F. Kelly
- Do Edge Effects Exist? Peter W. C. Paton
- Examining the Staging Distribution of Lesser Snow Geese (*Anser c. caerulescens*) on the Yukon Delta with Satellite Telemetry. John Y. Takekawa, Craig R. Ely, and Michael L. Wege
- Cryptic Dispersal in the Cooperative Stripe-backed Wren Revealed by DNA Fingerprinting. Walter H. Piper, Patricia Parker, Kerry Rabenold, Joseph Haydock, and Steven Zack

Effects of Detection Clues on Estimates of Avian Abundance. A. Sidney England

Spatial Distributions of Bald Eagles (*Haliaeetus leucocephalus*) and Osprey (*Pandion haliaeetus*) on Shasta and Trinity Lakes: Effects of Management on Competition. William B. Kristan, III and Richard T. Golithly, Jr.

Mexican Spotted Owl Diet and Prey Distribution in the Sacramento Mountains, New Mexico. James P. Ward, Jr., Suzanne DeRosier, and William M. Block
Charles Aiken—Colorado's Pioneer Ornithologist. Richard G. Beidleman

Foraging Habitat of the Pileated Woodpecker (*Dryocopus pileatus*) on Six Rivers National Forest, CA. Pat C. Christgau

The Trade-off Between Food Return and Predation Risk in White-crowned Sparrows. Ellen Paxinos and Robert Slotow

Patterns of Overhead Cover at Sage Thrasher Nests. Terrell D. Rich

Defining Forest Fragmentation by Corridor Width: The Influence of Narrow Forest-Dividing Corridors on Forest-Nesting Neotropical Migrant Landbirds in Southern New Jersey. Adam C. Rich and David S. Dobkin

Comparisons of Autecological Parameters Between Sixteen Species of Neotropical Raptors. William Burnham, David Whitacre, and Russell Thorstrom

Challenges to the Survival of the Flammulated Owl (*Otus flammeolus*), A Common But Sensitive Species. D. Archibald McCallum and Gregory D. Hayward

Managing for Avian Biodiversity: Identifying Priorities in Temperate Climates. A. Sidney England and Katie Sieving

The Effects of Carbaryl Grasshopper Control on Killdeer (*Charadrius vociferus*). Jeanne M. Fair

A Status Review of Feral Exotic Bird Species in Southern California. Kimball L. Garrett

Summer Energy Budgets of Eared Grebes at Mono Lake, California. Hugh I. Ellis

Geographical Differentiation in Size, Shape, and Plumage of Cape Sparrows, in Southern Africa. Robert Slotow and Wendy Goodfriend

Sex Identification of Black-capped Chickadees from Southeastern South Dakota. Sheldon J. Cooper

Alpha Taxonomy: California Type Specimens of Birds. Alan P. Peterson and Missy Peterson

Homobatrachotoxin in the Genus *Pitohui* and Chemical Defense in Birds. John P. Dumbacher, T. F. Spande, H. M. Garraffo, and J. W. Daly

Phylogenetic Relationships and Evolutionary Trends within Hummingbird Subfamilies. Robert Bleiweiss

Phylogenetic Implications of mtDNA Differentiation in North American Meadowlarks (*Sturnella* sp.). Jon C. Barlow, W. Bruce McGillivray, and Allan J. Baker

Winter Survival Rates of Northern Pintails (*Anas acuta*) in California: A Tale of Two Populations. Michael R. Miller

Comparison of Population Trend Results Derived from Migration Counts and Breeding Bird Survey Data for Western Raptors. James C. Bednarz, Stephen W. Hoffman, and William R. Deragon

Predator/Prey Interactions Between Eagles and Wintering Cackling and Ross' Geese. Scott R. McWilliams

A Comparison of Avian Hematozoan Epizootiology in Two California Coastal Scrub Communities. Paul Super, and Charles Van Riper III

Territory Size Regulation in Black-shouldered Kites. Jeffrey R. Dunk and Robert J. Cooper

Shorebirds in Coastal Pastures: Vegetation Height and Prey Availability. Mark A. Colwell and Sarah L. Landrum

Do Habitats Differ in Suitability for Migrant Warblers Wintering in the Neotropics? Evidence from Demographic Studies of American Redstarts in Jamaica. Richard T. Holmes, Thomas W. Sherry, and Peter P. Marra

Interspecific Competition Among Coniferous Forest Birds in the Colorado Front Range: A Field Experimental Study. Carl E. Bock and David C. Fleck

What are Neotropical Migrants? Douglas A. James

Mate Acquisition Tactics in Polyandrous Spotted Sandpipers (*Actitis macularia*): The Role of Age and Experience. Lewis W. Oring, J. Michael Reed, and Julie A. R. Alberico

Nocturnal Roost Utilization by Sibling Male Black-billed Magpies (*Pica pica*). Charles H. Trost

Responses of Wintering Grassland Raptors to Controlled Disturbances. Tamara L. Holmes, Richard L. Knight, and Gerald R. Craig

The Energetic Cost of Begging Behavior in Nestling Passerines: Implications for Models of Parent-offspring Conflict and Sibling Competition. John P. McCarty

Habitat Use and Behavioral Ecology of the Texas Scrub Jay (*Aphelocoma coerulescens texana*). D. Brent Burt

Nest Searching Behavior of Female Brown-headed Cowbirds (*Molothrus ater*). J. C. Ueyehara

Seasonal Patterns of Time and Energy Allocation by Juncos. Kimberly A. Sullivan and Wesley W. Weathers

Foraging Behavior of Wintering Black-billed Magpies. Richard L. Knight and Mark C. McKinstry

Comparative Color Memory: Can Spatial Memory Specialists Remember More Than Spatial Distributions? Alan C. Kamil, Deborah J. Olson, and Russell P. Balda

Nestling Sex Ratio Variation in Western Bluebirds. Walt Koenig and Janis Dickinson

The Mask of Theory and the Face of Nature: The Case of Cooperative Breeding Birds. M. F. Lawton and W. R. Garstka

SYMPOSIUM: A CENTURY OF AVIFAUNAL CHANGE IN WESTERN NORTH AMERICA

Introductory Remarks. Joseph R. Jehl Jr.

Century of Avifaunal Change in Alaska. Brina Kessel and Daniel D. Gibson

The Unlikely 18th Century Naturalists of Hudson Bay. C. Stuart Houston

Natural Change of Breeding Distributions in Western North American Birds. Ned K. Johnson

Avifauna of the Wetlands of Baja California, Mexico: Current Status. Barbara W. Massey and Eduardo Palacios

Trends in Nocturnal Migrant Landbird Populations at Southeast Farallon Island California, 1968-1992. Peter Pyle, David F. DeSante, and Nadav Nur

Avifaunal Change in the California Islands. Dennis M. Power

A Chronology of Ornithological Exploration in the Hawaiian Islands. Storrs L. Olson and Helen F. James

Avifaunal Change in the Hawaiian Islands. H. Douglas Pratt

Seabird Population Trends Along the West Coast of North America. D. G. Ainley and W. J. Sydeman

A Century of Population Trends of Waterfowl in Western North America. Richard C. Banks and Paul F. Springer

Shorebirds in Western North America: Late 1800s to Late 1900s. Gary W. Page and Robert E. Gill, Jr.

Some Trends and Status of Selected Western Raptors. Clayton M. White

Population Trends in the Landbirds of Western North America. David F. DeSante and T. Luke George

Changes in Biogeographic Patterns of Select Wintering North American Birds From 1901 to 1990. Terry L. Root and Jason D. Weckstein

Native Pest Bird Species in the West: Why Have They Succeeded Where So Many Have Failed? John M. Marzluff, Randall B. Boone, and George W. Cox

Population Trends of Introduced Birds in Western North America. Richard F. Johnston

Human-induced Changes in Bird Populations in Coniferous Forests in Western North America During the Past 100 Years. Sallie J. Hejl

Avian Assemblages on Altered Grasslands. Fritz L. Knopf

Changes in Saline Lake Avifaunas in Western North America in the Past 150 Years. Joseph R. Jehl, Jr.

The Effects of Human-induced Changes on the Avifauna of Western Riparian Habitats. Robert D. Ohmart

Linkages Between Biocide-pollution and Avian Populations: Four Decades of Resolution. Daniel W. Anderson

Changes in Population Status of the Marbled Murrelets in the Pacific Northwest. C. John Ralph

Changes in the Distribution and Abundance of Spotted Owls During the Past Century. R. J. Gutiérrez

The Causes and Consequences of a Century of Range Expansion By Brown-headed Cowbirds (*Molothrus ater*) in Western North America. Stephen I. Rothstein

Endemic Song Sparrows and Yellowthroats of San Francisco Bay. Joe T. Marshall and Kent G. Dedrick

Endangered Small Landbirds in the Western United States. Jonathan L. Atwood

Preserving and Restoring Avian Diversity: A Search For Solutions. J. Michael Scott

POSTER SESSION

Nest Site Selection by the American Coot (*Fulica americana*): The Influence of Habitat Variables at Multiple Scales. Sarah A. Barnum

Eggshell Thickness, Water-vapor Conductance and Pore Number in Three Blackbird Species. Alfred M. Dufty, Jr. and Brian K. Bizik

Response of Black Oystercatchers to Paralytic Shellfish Toxins in Bivalve Prey. Gary Falxa and Jim Hungerford

Bird Use of Riparian Habitats in North-central Arizona During Fall Migration. Deborah M. Finch and Robert M. Marshall

Linear Harmonization in Spotted Nothura (*Nothura maculosa*). John William Hardy

The Development of Social Dominance in the White-throated Sparrow. Walter H. Piper

Do Male Hummingbirds Defending Breeding Territories Tolerate an Energy Deficit? Donald R. Powers

Bird Community/Tree Community Associations in Eastern Forested Habitats. John T. Rotenberry and Pei-Yi Lee

Morphological Variation in Migratory Cooper's Hawks (*Accipiter cooperi*) from Two Separate Flyways. Elise V. Schmidt

A GIS Analysis of Winter Population Dynamics of Red-headed Woodpeckers and Blue Jays. Don G. Cattanero and Kimberly G. Smith

Fine Scale Riparian Patch Utilization by Neotropical Migrant Songbirds in the Western Sierra Nevada. Rosemary A. Stefani

Effects of Fruit Ripeness and Levels of Larval Infestation on Fruit Choices by Neotropical Avian Frugivores. Lisa K. Valburg

Testosterone and Prolactin in Group-living Mexican Jays, (*Aphelocoma ultramarina*). Carol Vleck, Jerram L. Brown, and Esther Brown

HONORARY MEMBERSHIPS AWARDED

At the 1993 annual meeting of the Cooper Ornithological Society, the Board of Directors of the Society conferred honorary memberships on Sandra L. L. Gaunt, Dennis M. Power, and Charles van Riper III. Honorary membership status is awarded in recognition of outstanding service to the Society and ornithology.



Sandra L. L. Gaunt, Acting Director of the Borror Laboratory of Bioacoustics at Ohio State University, has been a member of the Cooper Ornithological Society since 1982 and was an elected board member from 1983 to 1986. Gaunt is well-known for her research on avian vocalizations and their relation to syrinx morphology and function. Her research has been broadly comparative in nature and has involved such diverse groups as parrots, hummingbirds, cranes, doves and parids.

Gaunt is perhaps best known to North American ornithologists as the founder and first director of OSNA, the Ornithological Societies of North America. In creating this highly successful entity, she united the membership and business offices of four societies—the American Ornithologists' Union, Association of Field Ornithologists, Cooper Ornithological Society and Wilson Ornithological Society—into a single cooperative and coherent organization. On several occasions she was solely responsible for editing and producing *THE FLOCK*, which has proven singularly useful in fostering communications among ornithologists.

For her service to the society and for her contributions to ornithology, the Cooper Ornithological Society is pleased to convey Honorary Membership on Sandra L. L. Gaunt.



Dennis M. Power has been executive director of the Santa Barbara Museum of Natural History since 1972 and a member of the Cooper Ornithological Society since 1962. He has served on various society committees, was a member of the Board of Directors from 1976–1982 and was the society's President from 1978–1981. His early research on Red-winged Blackbirds is highly regarded for its pioneering use of multivariate analysis in the study of geographic variation. He has been a consistent and central contributor to various museum associations, both regionally and nationally, and has been active in resolving the problems of curating ornithological collections.

In recent years he has rendered outstanding service to ornithology in editing Vols. 6–11 of *Current Ornithology*, a highly successful compilation of major developments in avian research by ornithologists from around the world. In addition, he has edited *The California Islands: Proceedings of a Multidisciplinary Symposium* and has contributed to *A Century of Avifaunal Change*. He is a Fellow and Honorary Life Member of the American Ornithologists' Union and served the AOU as a member of the Council from 1981–1983, as Secretary from 1981–1983, and as Vice President from 1988–1989.

For his service to the society and his contributions to ornithology, the Cooper Ornithological Society is pleased to convey Honorary Membership on Dennis M. Power.

Charles van Riper III, a member of the Cooper Ornithological Society since 1973 and a life member, is highly regarded for his research on the roles of disease and habitat modification in the decline avian species, especially Hawaii's endemic avifauna. His research on avian malaria has been seminal in establishing this disease's preeminence in population declines of Hawaiian Honeycreepers and led to his being named as-



sistant editor of the *Journal of Wildlife Diseases* (1986–1991). His more than 100 publications dealing with various aspects of avian biology relevant to the conservation of birds have contributed to our understanding of species' requirements and to his prominence in

this field. To a remarkable degree, his work has successfully blended basic research with "on-the-ground" management strategies that have been widely adapted within the National Park Service and other land-managing agencies. Accordingly, he has been a member of several endangered species recovery teams. Recognition of his research's significance has led to such honors as: the Directors Award for Research in the National Park Service, the National Park Service Western Region Award for Science, and the U.S. Fish and Wildlife Service Special Merit Award.

Dr. van Riper has aided the Cooper Ornithological Society in many capacities, including serving on the Publications Committee (1986–1990), Painton Award Committee (1990–1991), Student Awards Committee (1978–1985) and on the Board of Directors from 1986–1988. He was also a member of the Annual Meeting Committee (1986–1988) and chaired the Local Committee for the 56th Annual COS meeting held at the University of California in 1986.

For these contributions to the society and to ornithology, the Cooper Ornithological Society is proud to confer Honorary Membership on Charles van Riper III.

MEWALDT-KING STUDENT RESEARCH AWARD

The Cooper Ornithological Society announces the second annual competition for the the Mewaldt-King Student Research Award. This \$1,000 award is designated, in the memory of L. Richard Mewaldt and James R. King, to support research that relates to the conservation of birds. Research may be in any area of ornithology (e.g., ecophysiology, population genetics, behavior, and ecology); studies that involve demographics, breeding biology, or dispersal biology may be particularly relevant, especially if the species is endangered, threatened, or otherwise "sensitive."

Proposals must be received by the Mewaldt-King Award Fund Committee on or before 17 January 1994 (please, no FAXes). Graduate students accepted to or

enrolled in a Master's or Doctoral program are eligible for the award. Proposal format is as follows: (1) abstract, (2) introduction, including a) relevant background, b) specific hypotheses to be tested or questions asked, c) relevance of proposed research to conservation biology; (3) proposed methods, analyses, and timetable; (4) general categories of expenditures; and (5) literature cited. The proposal text, not including literature cited, plus abstract should not be longer than 6 single-spaced pages. Applicants must also include their C.V. and a letter of support from a faculty adviser. Please send three copies of the entire application to Diana F. Tomback, Mewaldt-King Award Fund Committee, Department of Biology, Campus Box 171, University of Colorado at Denver, P.O. Box 173364, Denver, CO 80217-3364, (303) 556-2657.