

APPENDIX VII POSTER PAPERS PRESENTED AT SYMPOSIUM

- BIASES IN ESTIMATING A DIFFERENCE IN POPULATION DENSITIES USING SINGING BIRD SURVEYS**
Jonathan Bart, Ohio Cooperative Wildlife Research Unit, The Ohio State University, 1735 Neil Avenue, Columbus, OH 43210.
- PLOT SIZE AND THE ACCURACY OF BIRD CENSUS RESULTS IN CONIFER FORESTS OF YOSEMITE NATIONAL PARK**
Edward C. Beedy, Department of Zoology, University of California, Davis, CA 95616.
- SEASONAL CHANGES IN THE DETECTABILITY OF BREEDING BIRDS**
J. Blondel, C. Ferry, and B. Frochot, Centre d'Etude Ornithologiques de Bourgogne, Faculté de Science Mirande University, 21000 Dijon, France.
- HOW TO DETERMINE THE DURATION OF OBSERVATION IN STATION COUNTS (UNLIMITED DISTANCE)**
J. Blondel and B. Frochot, Centre d'Etude Ornithologiques de Bourgogne, Faculté de Science Mirande University, 21000 Dijon, France.
- THE CALIFORNIA RAPTOR SURVEY PROGRAM: AN EVALUATION OF THE TECHNIQUE**
Charles T. Collins and Paula Peters, Department of Biology, California State University, Long Beach, CA 90840.
- A COMPUTER PROGRAM TO SIMULATE AURAL CENSUSING TECHNIQUES FOR BOBWHITE QUAIL**
Robert J. Cooper, Envirosphere Company, 145 Technology Park, Atlanta, GA 30092.
- HABITAT PREFERENCES OF GEORGIA CAPRIMULGIDS BASED ON AURAL INFORMATION**
Robert J. Cooper, Envirosphere Company, 145 Technology Park, Atlanta, GA 30092.
- USEFULNESS AND BIASES IN DATA COLLECTED ON BIRDS OF QUEBEC, CANADA, BY NON-STANDARDIZED METHODS**
André Cyr and Jacques Larivée, Université de Sherbrooke, Sherbrooke, Quebec J1K 2R1 Canada.
- THE APPLICATION OF AVIAN ACTIVITY ISOPLETHS TO TERRITORY MAPPING CENSUS TECHNIQUES**
Kenneth R. Dixon and J. Edward Gates, University of Maryland, Appalachian Environmental Laboratory, Frostburg State College Campus, Frostburg, MD 21532.
- DIVERSITY MEASUREMENTS AS APPLIED TO AVIAN POPULATIONS ALONG THE SACRAMENTO RIVER SYSTEM**
R. M. Engeman, C. P. Stone, W. E. Dusenberry, and M. Hehnke, U.S. Fish & Wildlife Service, Denver Wildlife Research Center, Denver, CO 80225.
- METHODS FOR RELATING THE DIVERSITY OF BREEDING BIRD COMMUNITIES TO HABITAT HETEROGENEITY IN ISOLATED WOODLOTS**
K. E. Freemark, Carleton University, Ottawa, Canada K1S 5B6.
- STANDARD FORMS AND INSTRUCTIONS FOR COUNTS OF MIGRATING RAPTORS**
Mark R. Fuller, Migratory Bird and Habitat Research Laboratory, Patuxent Wildlife Research Center, Laurel, MD 20811.
- LINETRAN, A GENERAL COMPUTER PROGRAM FOR ANALYZING LINE TRANSECT DATA**
Charles E. Gates, Institute of Statistics, Texas A&M University, College Station, TX 77843.
- WHICH SPECIES ARE BREEDING SPECIES AND HOW MANY CIRCULAR PLOT CENSUSES ARE NECESSARY TO DETECT THEM?**
Stephen L. Granholm, Department of Zoology, University of California, Davis, CA 95616.
- PROGRAM TRANSECT: A COMPREHENSIVE ANALYSIS PACKAGE FOR LINE TRANSECT DATA**
J. L. Laake, K. P. Burnham, and D. R. Anderson, Utah Cooperative Wildlife Research Unit, Utah State University, Logan, UT 84322.
- BREEDING BIRD CENSUSES IN FREQUENTLY BURNED PITCH PINE-SCRUB OAK FOREST**
Trevor L. Lloyd-Evans, Manomet Bird Observatory, Manomet, MA 02345.
- MEDIAN STRIP METHOD OF CENSUS**
D. A. MacLulich, 26 Stewart Street, Strathroy, Ontario N7G 3K9, Canada.
- THE USE OF VARIABLE CIRCULAR PLOT SURVEYS IN COMPARING BIRD DENSITIES IN MINED AND UNMINED HABITATS IN NORTH FLORIDA**

- David S. Maehr, School of Forest Resources and Conservation, 118 Newins-Ziegler Hall, University of Florida, Gainesville, FL 32611.
- ANALYSIS OF "INSTANTANEOUS" COUNTS FOR ESTIMATION OF ABSOLUTE ABUNDANCE**
Lyman McDonald, Departments of Zoology and Statistics, The University of Wyoming, Laramie, WY 82071.
- DIFFERENCES IN OBSERVER EFFICIENCY WITH THE MAPPING METHOD**
R. J. O'Connor and J. H. Marchant, British Trust for Ornithology, Beech Grove, Tring, Hertfordshire, England HP23 5NR.
- BIRD SPECIES DIVERSITY AND GUILD STRUCTURE OF A TROPICAL FALLOW RICEFIELD**
David R. Osborne, Department of Zoology, Miami University, Oxford, OH 45056.
- USING LINE TRANSECTS TO ESTIMATE DENSITY OF TERRITORIAL MALES IN NON-ROADSIDE HABITAT**
D. L. Otis, Section of Bird Damage Control, U.S. Fish & Wildlife Service, Building 16, Denver Federal Center, Denver, CO 80225.
- ANNUAL VARIATION IN BREEDING BIRD CENSUSES**
John R. Probst, Connie P. Cooper, and Donald Rakstad, North Central Forest Experiment Station, USDA Forest Service, St. Paul, MN 55108.
- A ONE-SPECIES TEST OF THE SPOT-MAP CENSUS METHOD**
R. R. Roth and J. T. Paul, Jr., Department of Entomology and Applied Ecology, University of Delaware, Newark, DE 19711.
- A THREE-DIMENSIONAL ANALYSIS OF AVIAN HABITAT FROM A BIRD'S EYE VIEW**
James E. Skaley, Resource Information Laboratory, Cornell University, Ithaca, NY 14853.
- RIGHTS OF BIRDS AND RIGHTS OF WAY**
Jim Stapleton, John Burroughs Nature Sanctuary, P.O. #220, West Park, NY 12493, and Erik Kiviat, Smithtown Road, Fishkill, NY 12524.
- INTENSIVE PLOT CENSUS IN A NORTHERN HARDWOODS FOREST**
F. W. Sturges and R. T. Holmes, Division of Science and Math, Shepherd College, Shepherdstown, WV 25443.
- COMPARISON OF VARIABLE CIRCLE AND SPOT-MAP METHODS IN DESERT RIPARIAN AND SCRUB HABITATS**
Robert C. Szaro and Martin D. Jakle, Rocky Mountain Forest and Range Experiment Station, Forestry Sciences Lab., Arizona State University, Tempe, AZ 85281.
- APPLICATIONS OF THE BREEDING BIRD SURVEY (BBVS) IN BASELINE AND MONITORING STUDIES**
Larry S. Thompson, Department of Natural Resources and Conservation, 32 So. Ewing, Helena, MT 59601.
- EXCESSES IN AVIAN SURVEY METHODS USED FOR THE PREDICTION OF IMPACTS**
William T. Tucker and Steven J. Brodhead, United Engineers & Constructors, Inc., 100 Summer Street, Boston, MA 02110.
- VARIATION IN EFFECTIVENESS OF COUNTS OF TWO SPECIES USING TRAPPING-BANDING AND VISUAL OBSERVATION IN A WINTER BIRD-POPULATION STUDY**
R. C. Tweit, R and J Associates, 3810 N. Romero Road, #23, Tucson, AZ 85705.
- USE OF THE BREEDING BIRD SURVEY METHOD TO STUDY ALTITUDINAL DISTRIBUTION OF BIRDS**
Wayne C. Weber, 303-9153 Saturna Drive, Burnaby, B.C., Canada V3J 7K1.
- ESTIMATING BIRD DENSITIES USING FIXED DISTANCE POINT COUNTS**
Daniel A. Welsh and R. Kenyon Ross, Canadian Wildlife Service, Ontario Region, 1725 Woodward Drive, Ottawa, Ontario K1G 3Z7.
- LIMITATIONS OF THE ROADSIDE BREEDING BIRD SURVEY IN DETERMINING SPECIES OCCURRENCE AND POPULATION CHANGE IN LOCAL AREAS (WITH EMPHASIS ON USE IN IMPACT ASSESSMENT)**
K. J. Wilson, D. W. Treasure, and T. A. Gatz, U.S. Water and Power Resources Service, Biology Branch, Bismarck, ND 58502.
- LEARNING LARGE AREA CENSUS METHODS**
Barbara L. Winternitz, The Colorado College, Colorado Springs, CO 80903.
- A SIMPLE METHOD FOR ANALYZING TRENDS IN BREEDING-BIRD SURVEY DATA**
John L. Zimmerman, Division of Biology, Kansas State University, Manhattan, KS 66506.