- Graber, R. R. 1968. Nocturnal migration in Illinois—different points of view. Wilson Bull. 80:36-71.
- GREENBERG, R. S., AND J. A. GRADWOHL. 1980. Observations of paired Canada Warblers Wilsonia canadensis during migration in Panama. Ibis 122:509-512.
- HAMILTON, W.J., III. 1967. Social aspects of bird orientation mechanisms. Pp. 57-71, in R. M. Storm, ed. Animal orientation and navigation. Oregon State University Press, Corvallis, Oregon.
- HEBRARD, J. J. 1971. The nightly initiation of passerine migration in spring: a direct visual study. Ibis 113:8-18.
- LOWERY, G. H., Jr. 1951. A quantitative study of nocturnal bird migration. Univ. Kans. Publ. Mus. Nat. Hist. 3:361-472.
- Pulliam, H. R., and G. C. Millikan. 1982. Social organization in the nonreproductive season. Pp. 169–197, in D. S. Farner, J. R. King, and K. C. Parkes, eds. Avian biology, Vol. 6. Academic Press, New York, New York.
- RICHARDSON, W. J. 1978. Southeastward shorebird migration over Nova Scotia and New Brunswick in autumn: a radar study. Can. J. Zool. 57:107-124.
- Wallraff, H. G. 1978. Social interrelations involved in migratory orientation of birds: possible contribution of field studies. Oikos 30:401–404.

Received 3 Feb. 1989; accepted 9 Sep. 1989.

# Association of Field Ornithologists Annual Meeting 21–24 March 1991

## (Tentative Schedule)

| 21 March | Arrival; Council meeting; reception   |         |
|----------|---|---------|
| 22 March | <ul> <li>Local field trips</li> <li>Welcome</li> <li>Symposium: Avian Conservation: the Problem and Sol</li> <li>Lunch</li> <li>Symposium: Avian Conservation: the Problem and Sol</li> <li>(continued)</li> <li>Reception</li> <li>Symposium Banquet</li> </ul>                              |         |
| 23 March | <ul> <li>Local field trips</li> <li>Symposium: Professional in Ornithology</li> <li>AFO business meeting</li> <li>Lunch</li> <li>Contributed paper sessions</li> <li>Poster paper session and reception</li> <li>Banquet</li> <li>COSO String Quartet: An Evening of Avian Chamber</li> </ul> | r Music |
| 24 March | Field trips   |         |

If you have thoughts or suggestions, contact the program chair:

Edward H. Burtt Jr., Vice-President Association of Field Ornithology Department of Zoology Ohio Wesleyan University Delaware, OH 43015 614/368-3886

- RAVELING, D. S. 1969. Social classes of Canada geese in winter. J. Wildl. Manage. 33: 304-318.
- SOKAL, R. R., AND F. J. ROHLF. 1981. Biometry. 2nd ed. W. H. Freeman, San Francisco, California.
- SWANSON, G. A., V. B. KUECHLE, AND A. B. SARGEANT. 1976. A telemetry technique for monitoring diel waterfowl activity. J. Wildl. Manage. 40:187–190.
- WOOLEY, J. B., JR., AND R. B. OWEN, JR. 1978. Energy costs of activity and daily energy expenditure in the black duck. J. Wildl. Manage. 42:739-745.

Received 8 May 1989; accepted 9 Dec. 1989.

## NORTH AMERICAN BLUEBIRD SOCIETY RESEARCH GRANTS—1991

The North American Bluebird Society announces the eighth annual grants in aid for ornithological research directed toward cavity nesting species of North America with emphasis on the genus *Sialia*. Presently three grants of single or multiple awards are awarded and include:

#### Bluebird Research Grant

Available to student, professional or individual researcher for a suitable research project focused on any of the three species of bluebird for the genus Sialia.

#### General Research Grant

Available to student, professional or individual researcher for a suitable research project focused on a North American cavity nesting species.

#### Student Research Grant

Available to full-time college or university students for a suitable research project focused on a North American cavity nesting species.

Further guidelines and application materials are available upon request from:

Kevin L. Berner Research Committee Chairman College of Agriculture and Technology State University of New York Cobleskill, New York 12043

Completed applications must be received by **December 1, 1990**; decisions will be announced by January 15, 1991.

Titus, K., J. A. Mosher, and B. K. Williams. 1984. Chance-corrected classification for use in discriminant analysis: ecological applications. Am. Midl. Nat. 111:1-7. Zar, J. H. 1984. Biostatistical analysis. Prentice-Hall, Inc., Englewood Cliffs, New Jersey. Received 19 May 1989; accepted 5 Dec. 1989.

### NORTH AMERICAN LOON FUND GRANTS

The North American Loon Fund (NALF) announces availability of 1991 grants in support of management, research, and educational projects directly related to the conservation of the family Gaviidae. In research, special consideration will be given to NALF priorities including studies concerning capture techniques, winter ecology, migration, and subadults.

Proposals in the range of \$500 to \$3,000 are most likely to be considered for funding. Further guidelines for prospective applicants are available upon request from the NALF Grants Committee. Deadline for submission of proposals is **December 15, 1990**. Funding awards will be announced by March 15, 1991.

Please submit guideline request to:

North American Loon Fund High St. Hurniston Building RR #4, Box 240C Meredith, NH 03253