

## INFORMATION FOR CONTRIBUTORS TO *THE AUK*

*The Auk* publishes original reports on the biology of birds. Appropriate topics include the documentation, analysis, and interpretation of laboratory and field studies, theoretical or methodological developments, and reviews of information or ideas. Authors are encouraged to write papers from the perspective of general concepts and theories, and to consider the relevance of their findings to taxa in addition to birds. *The Auk* strives to publish a color frontispiece with each lead article; authors are encouraged to submit suitable color illustrations. Contributions are welcome from throughout the world but must be written in English. Manuscripts submitted for consideration for publication must not have been published or currently be under consideration for publication elsewhere. **Manuscripts that do not conform to these guidelines may be returned to authors without being considered for publication.**

Original research is reported in *Articles*, which generally exceed 2,500 words, and in *Short Communications*, which are of shorter length. *Commentaries* provide a forum for contributions that detail individual points of view on topics of ornithological interest, including constructive criticism on papers from recent issues of *The Auk*. *Book Reviews* present scholarly evaluations of recent books and monographs of general interest to ornithologists.

### GENERAL INSTRUCTIONS

The style of manuscripts should conform to general usage in the most recent issue of *The Auk*. Prepare manuscripts on 8.5 × 11 inch paper (if your standardized paper is A4 [210 × 297 mm], please leave at least a 40-mm margin at bottom so that manuscript can be copied on 8.5 × 11 inch paper without lines being cut off at the bottom). Double-space throughout, including tables, figure legends, and Literature Cited. Leave at least a 1-inch (25-mm) margin on all sides. Do not hyphenate words at the end of a line. If possible, use italic type instead of underlining words to be italicized. Only the following Latin terms should be italicized: *in vivo*, *in vitro*, *in utero*, *in situ*, *ad libitum*, *a priori*, *a posteriori*. All other Latin terms (except scientific names) should be left unitalicized. Begin page numbering (in upper right) with the Title Page, and continue through the Figure Legends.

Cite each figure and table in the text. Tables and figures must be sequenced in the order cited. Use "Figure" only outside of parentheses; otherwise, use "Fig." if singular, "Figs." if plural (e.g. Fig. 2; Figs. 2 and 3; Figs. 3-6). To cite figures from another work, write "figure" or "fig." in lowercase (e.g. figure 2 in Smith (1980); Smith 1980:fig. 2; Jones 1987:table 5). Each reference cited in the text must be listed in the Literature Cited section and vice versa (please make

final check when revised manuscript is complete). Literature citations in text are to be as follows:

(1) One author—Able (1989) or (Able 1989). (2) Two authors—Able and Baker (1989) or (Able and Baker 1989). (3) Three or more authors—Able et al. (1989) or (Able et al. 1989). In Literature Cited section, give names of all authors. (4) Manuscripts that are *accepted* for publication but not yet published—Able (in press) or Able (1994), if date known. (5) Unpublished materials—(Able unpubl. data), or (Able pers. obs.), or (Able pers. comm.). Do not include unpublished reports (including those in review) in the Literature Cited. (6) Within parentheses—(Charley 1986, Able 1990, Baker and Able 1990, Baker 1992); (Baker 1982, 1990; Able and Baker 1984; Charley 1990); (Able 1988a, b, c). Strings of citations should be listed in chronological order.

All measurements are to be given in SI units. Use continental dating (e.g. 29 September 1992), the 24-hour clock (e.g. 0800 and 2300), and standard time (not daylight savings time). Specify that it is Standard Time (e.g. EST for Eastern Standard Time) at first reference to time of day. English proper names of bird species that occur in North and Middle America should follow the 6th edition of AOU's *Check-list of North American Birds* and its supplements. English proper names of birds should be capitalized. Names for other species should follow an appropriate standard. English names of other organisms should not be capitalized but should be followed by the scientific name.

Use the following abbreviations: s (second), min (minute), h (hour); designate temperature as "32°C." Do not abbreviate day, week, month, or year. For user-defined abbreviations, write out words in full the first time term is used in the text, and abbreviate thereafter. Use the following statistical abbreviations: ANOVA, SD, SE, df, CV, ns, *n*, *P*, *r*, *F*, *G*,  $\chi^2$ , *t*-test, *U*-test. Other statistical abbreviations, in general, should conform to the sixth edition of *Scientific Style and Format: The CBE Manual for Authors, Editors, and Publishers* (1994, Cambridge University Press, Cambridge, United Kingdom). Numbers: Write out one to nine unless a measurement, but use numerals for larger numbers (e.g. three birds, 6 mm, 12 days, 2 min). If the number is in a series with at least one number being 10 or more, then use all numerals (e.g. 6 males and 13 females). Use 1,000 not 1000, 0.01 not .01, and 50% instead of 50 percent. Assemble manuscript in the following order: (1) title page; (2) ABSTRACT (for Articles only; see below); (3) text; (4) ACKNOWLEDGMENTS; (5) LITERATURE CITED; (6) tables; (7) figure legends; and (8) figures.

### TITLE PAGE

Number as page 1, and present items in the following order: (1) Title in capital letters (and not bold) for

Articles, or caps and lowercase (in bold font) for Short Communications and Commentaries. (2) Author names (in caps and small caps). (3) Author addresses (in italics) at time research was carried out. Present addresses, if different, should be indicated as a numbered footnote at bottom of the title page. Footnotes are not used except to indicate present addresses, death of an author, and e-mail address of the corresponding author. The latter should always be included, if available. (4) Name, present address, and e-mail address of corresponding author. (5) Running head (36 characters or less) for Articles. Use italics and capitalize significant words. Do not include a running head for Short Communications.

#### ABSTRACT

Number as page 2. For each Article, include an Abstract in a single paragraph that does not exceed 5% of the length of the paper. The Abstract often is the most widely read part of a paper; as such, it should be prepared with special care. Abstracts should recapitulate the findings of the paper, not describe the work that was done. They should never contain statements such as "the significance of these results is discussed."

#### TEXT

Begin the text on page 3. Follow the general instructions noted above. Do not repeat information given on title page. The following are typical main (i.e. "Type 1") headings: METHODS, STUDY AREA AND METHODS, RESULTS, DISCUSSION, ACKNOWLEDGMENTS, and LITERATURE CITED (there is no heading for the Introduction). Short Communications often are not subdivided into sections. Up to three levels of headings can be used: (1) caps and small caps, centered; (2) caps and small caps, flush left; (3) italics, indented, with period and followed by a dash. Keep headings to a minimum. In Articles, use heading type 1 first, and type 3 next, then type 2 (if needed). For Short Communications, only type 3 is allowed, except for the Literature Cited heading, which is type 1.

#### LITERATURE CITED

Continue page numbering. Verify all entries against original sources, especially journal titles, volume and page numbers, accents, diacritical marks, and spelling in languages other than English. Capitalize all nouns in German. Cite references in alphabetical order by first author's surname and then his/her first name and initial. References by a single author precede multiauthored works by same first author, regardless of date. Listings with multiple authors are done by first author's name (surname and then initials), second author's name, etc. List works by the same author(s) in chronological order, beginning with earliest date of publication. If author has two works in same year, place in alphabetical order by first signif-

icant word in title; these works should be lettered consecutively (e.g. 1991a, 1991b). "In press" citations must have been accepted for publication, with the name of journal or publisher included. Insert a period and space after each initial of an author's name. **Journal titles should be written in full and not abbreviated.** Citations should follow the formats below:

#### Papers:

- BROWNE, R. A., C. R. GRIFFIN, P. R. CHANG, M. HUBLEY, AND A. E. MARTIN. 1993. Genetic divergence among populations of the Hawaiian Duck, Laysan Duck, and Mallard. *Auk* 110:49-56.
- FAHRIG, L., AND G. MERRIAM. 1994. Conservation of fragmented populations. *Conservation Biology* 8: 50-59.
- MULDER, R. A. 1995. Natal and breeding dispersal in a cooperative, extra-group-mating bird. *Journal of Avian Biology* 26:234-240.
- WILLIS, E. O., AND Y. ONIKI. 1978. Birds and army ants. *Annual Review of Ecology and Systematics* 9:243-263.

#### Dissertations, books, chapters, monographs:

- AMERICAN ORNITHOLOGISTS' UNION. 1957. Check-list of North American birds, 5th ed. American Ornithologists' Union, Baltimore.
- AMERICAN ORNITHOLOGISTS' UNION. 1983. Check-list of North American birds, 6th ed. American Ornithologists' Union, Washington, D.C.
- GAUNT, A. S. 1988. Interaction of syringeal structure and airflow in avian phonation. Pages 915-924 in *Acta XIX Congressus Internationalis Ornithologici* (H. Ouellet, Ed.). Ottawa, Ontario, 1986. National Museum of Natural Science, Ottawa.
- GOWATY, P. A., AND D. W. MOCK (Eds.). 1985. Avian monogamy. *Ornithological Monographs* No. 37.
- HENDRICKS, D. P. 1993. Clutch- and egg-size variation of American Pipits in alpine environments. Ph.D. dissertation, Washington State University, Pullman.
- KEAR, J. 1970. The adaptive radiation of parental care in waterfowl. Pages 357-392 in *Social behavior in birds and mammals* (J. H. Crook, Ed.). Academic Press, London.
- LACK, D. 1954. The natural regulation of animal numbers. Oxford University Press, Oxford.
- LOWTHER, P. E. 1993. Brown-headed Cowbird (*Molothrus ater*). In *The birds of North America*, no. 47 (A. Poole and F. Gill, Eds.). Academy of Natural Sciences, Philadelphia, and American Ornithologists' Union, Washington, D.C.
- MOORE, P. M. 1993. Mate guarding and cuckoldry in Red-faced Warblers *Cardellina rubrifrons*. M.S. thesis, University of Arkansas, Fayetteville.
- SIBLEY, C. G., AND B. L. MONROE, JR. 1990. Distribution and taxonomy of birds of the world. Yale University Press, New Haven, Connecticut.
- WALSBERG, G. E. 1983. Avian ecological energetics. Pages 161-220 in *Avian biology*, vol. 7 (D. S. Farner,

J. R. King, and K. C. Parkes, Eds.). Academic Press, New York.

#### TABLES AND FIGURE LEGENDS

Continue page numbering. Each table must start on a separate sheet and be double-spaced throughout (heading, table body, footnotes). The table number should be an Arabic numeral followed by a period. Capitalize the first word of the title; all other words should be lowercase unless a proper noun. Include a period at end of title. Indicate footnotes by lowercase superscript letters (a, b, c, etc.). Do not use vertical lines in tables. Include horizontal lines above (double line) and below boxhead, and at end of table. Follow details of style used in *The Auk* for headings in boxhead.

Begin figure legends with "Fig." Indent and double-space legends. Type legends in paragraph form. Do not include "exotic symbols" (lines, dots, triangles, etc.) in figure legends; either label them in the figure or refer to them by name in the legend.

#### PREPARATION OF ILLUSTRATIONS

Routine illustrations are black-and-white halftones (photographs), drawings, or graphs. Consult the Editor regarding color figures. Figures in *The Auk* are virtually identical to those submitted (little degradation occurs, but flaws will show). Thus, illustrations should be prepared to professional standards. Drawings should be on good-quality paper and allow for about 20% reduction. Do not submit originals larger than 8.5 × 11 inches in size, unless impractical to do otherwise. Illustrations should be prepared for one- or two-column width, keeping in mind dimensions of a page in *The Auk*. Where possible, group several illustrations as panels in a single figure. Helvetica or a similar san serif typeface is recommended for figures. Symbols may be added to figures with press-on

symbols and letters, but make sure they will not become detached. Handwritten or typed symbols are not acceptable. Copies of halftone figures and plates must be of good quality for manuscript copies. Write the author's name and the figure number lightly in pencil on the back of each original figure or plate. Include the same information on the front or back of review copies.

#### WHAT AND WHERE TO SUBMIT

For initial submission, send five copies of original manuscript and illustrations to the Editor. Initially, do not send original figures. **Include a diskette containing a word processor version of the manuscript** (WordPerfect preferred, but identify the software). For revisions, send original manuscript and two copies, along with original figures and the word processor version on diskette.

Include a cover letter with the initial submission that provides a statement indicating that the manuscript reports on original research not published elsewhere, and that it is submitted for the exclusive consideration of *The Auk*. The letter should include any special instructions and any address change during the next several months, as well as a daytime phone number and, if possible, FAX number and e-mail address for the corresponding author. (If this information was not included with the original submission letter, it should be provided in the letter with the revised manuscript.) Names of possible reviewers may be included.

**Submit all material to the Editor: Thomas E. Martin, Montana Cooperative Wildlife Research Unit, University of Montana, Missoula, MT 59812 USA.** Copies of these instructions, in checklist form, are available from the editorial office. Direct all queries and comments to either the Editor or Managing Editor at the above address (phone 406-243-6389; FAX 406-243-6064; e-mail <auk@selway.umt.edu>).