

8. References

- 8.1** AFS publications use the author–date or “Harvard” system for references, with brief parenthetical citations in the text and full references in an alphabetical list at the end:

Text: . . . similar findings (Gorman and Karr 1978).

Mills (1989) states that. . . .

Reference list: Gorman, O. T., and J. R. Karr. 1978. Habitat structure and stream fish communities. *Ecology* 59:507–515.

Mills, D. H. 1989. *Ecology and management of Atlantic salmon*. Chapman and Hall, London.

CITATIONS IN TEXT

Arrangement

- 8.2** When there is more than one citation for a particular statement, list them (1) chronologically, beginning with the oldest (with “in press” and “unpublished” sources at the end), and then (2) alphabetically within years (with citations containing “and” and “et al.” in alphabetical order):

(Roberts 1985; Johnson 1987; Berger, in press)
(Eldridge 1989; Smith 1992; Smith and Thomas 1992)

Exception: Group publications by the same author or authors together, even if this violates the rule about chronological listing:

(Roberts 1992, 1997; Smith 1996)

- 8.3** Use lowercase letters to distinguish multiple publications by an author or authors in the same year:

(Hansen et al. 1997a, 1997b)
(Griswold et al. 1995a, 1995b)

See section 8.43 for the order in which such publications should appear in the reference list and the assignment of lowercase letters to them.

Special Situations

ABSTRACTS

- 8.4** Abstracts of papers are not acceptable as references in AFS publications. Such material should be treated as unpublished (see sections 8.13–8.17).

NO DATE

- 8.5** Publications for which no date is available are listed before those that are in press:

(Harrison 1987; Stein, no date; Bailey, in press)

If a date is probably available and the author simply hasn't provided it, the copy editor should modify the citation to read as follows:

(Henderson, no date provided–Editor)

REFERENCE NOT SEEN

- 8.6** When the author has not actually seen the source in question, this must be indicated:

(Berzins 1960, cited by Grande et al. 1978)

PAGE NUMBERS

- 8.7** Page numbers may be included in a citation when the material referred to would otherwise be hard to locate:

(Zar 1984:286–291)

PAPERS IN THE SAME ISSUE OR BOOK

- 8.8** When a cited paper is in the same book or issue of a journal as the one citing it, this should be indicated:

(Robson 1991, this volume) (Li and Moyle 1991, this issue)
(Miller and Drake 1991; Smith 1991; both this issue)

PARENTHETICAL MATERIAL

- 8.9** Additional text may be included with citations:

(see Hayes et al. 2000 for a review)
(e.g., Moseley 1999)

However, care must be taken not to confuse results from the cited source with those from the present paper:

(Table 3; Williams 1990) *but* (Table 3 *in* Williams 1990)

. . . in many salmonid diseases (e.g., whirling disease: Carroll 1998)

The colon in the second example makes it clear that it was Carroll who studied whirling disease rather than the author of the present paper.

BLOCK QUOTATIONS

- 8.10** The citation for a block quotation may be given either in the text (see section 7.2) or in brackets following the quotation:

. . . when the salmon are out of season
and unfit for use. [From Thwaites 1904.]

TABLE AND FIGURE CAPTIONS

- 8.11** Citations may appear in table and figure captions with additional text as necessary:

FIGURE 1.—Proportional stock densities for largemouth bass. (Source: Lehman et al. 1987.)

TABLE 1.—Length frequency distributions for principal species at Spirit Lake. (Adapted from Klein 1996.)

SERIES OF REFERENCES WITH THE SAME TITLE

- 8.12** A series of reports or articles with essentially the same title but different years of publication may be combined in citations and reference lists:

Text: (USGS 1966–1984)

Reference list: USGS (U.S. Geological Survey). 1966–1984. Water resource data, Connecticut, water years 1966–1984, 19 reports. USGS, Geological Survey Water-Data Reports CT-66-1 to CT-84-1, Washington, D.C.

UNPUBLISHED MATERIAL

- 8.13** If the source is either the single author of the present paper or all of several authors, unpublished material may be cited in any of the following ways:

(unpublished) (my [our] unpublished data) (author's [authors'] unpublished data)
(author [authors], unpublished) (data on file)

Note that the same format is used for the first mention and any subsequent ones.

8.14 If the source is one of several authors of the present paper, the permissible formats are as follows:

First mention: (C. B. Schreck, unpublished) one of us (C.B.S.)
(Adams 1986, and unpublished)

Subsequent mentions: (Schreck, unpublished) (C.B.S., unpublished)

There are a couple of things to note about such citations: (1) when only the author's initials are given, they should be closed up; and (2) in citations like "(Adams 1986, and unpublished)" it isn't necessary to include the author's last name or initials before the word "unpublished" but the word "and" is needed to make it clear that there are two citations.

8.15 If the source is not an author of the present paper, the person's affiliation must be given at first mention:

(J. Magnuson, University of Wisconsin, personal communication)

(L. A. Smith, Washington Department of Fisheries, unpublished data)

(Carline 1986; and R. Carline, Pennsylvania State University, personal communication)

8.16 If the source consists of fewer than four people, all of them should be named; otherwise only the first should be named, along with a descriptive reference to the others:

(V. Ross, B. Reed, and C. Rolls, University of Virginia, unpublished data)

but

(V. Ross and coworkers, University of Virginia, unpublished data) [more than three people]

8.17 Memoranda, internal reports, presentations of papers, and similar unpublished material should be cited as follows:

First mention: (A. H. Townsend, 1983 memorandum to B. H. Baker, Alaska Department of Fish and Game, on sport fishing and placer mining)

Data of S. L. Abidi (paper read at the American Chemical Society meeting, 1980)

Subsequent mentions: (Townsend, memorandum)
(Abidi, unpublished)

REFERENCE LISTS

- 8.18** References should be listed (1) alphabetically by authors' last names (ignoring the word "and") and then (2) chronologically, with items that are in press coming last.

Smith, R. C. 1992. Spawning patterns in. . . .

Smith, R. C., J. B. Oldham, and W. F. Stone. 1998. Determinants of. . . .

Smith, R. C., and H. Thompson. 1995. Observations on. . . .

Smith, R. C., and H. Thompson. 1997. Additional observations on. . . .

Journals

- 8.19** The general formats for journals and other professional periodicals are as follows:

Hochachka, P. W. 1990. Scope for survival: a conceptual "mirror" to Fry's scope for activity. *Transactions of the American Fisheries Society* 119:622–628.

Kennedy, V. S. 1990. Anticipated effects of climate change on estuarine and coastal fisheries. *Fisheries* 15(6):16–24.

Whenever possible, AFS publications use the journal names given in the latest edition of *BIOSIS Serial Sources* (BIOSIS, Philadelphia).

Note that the issue number (i.e., "6" in the second example) must be included when each issue of the publication is paginated separately.

CONFERENCE PROCEEDINGS

- 8.20** Conference proceedings that appear in *BIOSIS Serial Sources* are treated like journals; other conference proceedings are treated like books (see sections 8.22–8.26).

Ansell, A. D. 1961. Egg capsules of the dogfish (*Scylliorhinus canicula* Linn.) bored by *Natica* (Gastropoda: Prosobranchia). *Proceedings of the Malacological Society of London* 34:248–249. [journal format]

Hashegan, K., editor. 1978. *Proceedings of a national symposium on wild trout management*. California Trout, San Francisco. [book format]

- 8.21** One frequently cited proceedings, that of the annual meeting of the Southeastern Association of Fish and Wildlife Agencies, generally appears a year or two after the meeting. To avoid confusion, references to this periodical should include the year of the meeting after the volume number:

Ott, R. A. 1987. Cost . . . impoundment. *Proceedings of the Annual Conference Southeastern Association of Fish and Wildlife Agencies* 39(1985):80–85.

Note that from 1954 to 1975 this organization was known as the Southeastern Association of Game and Fish Commissioners and should be named as such in references (proceedings before 1954 should be treated as unpublished).

Books

8.22 The general formats for books are as follows:

Brönmark, C., and L.-A. Hansson. 1998. *The biology of lakes and ponds*. Oxford University Press, New York.

Murphy, B. R., and D. W. Willis, editors. 1996. *Fisheries techniques*, 2nd edition. American Fisheries Society, Bethesda, Maryland.

G. E. Hutchinson. 1975. *A treatise on limnology*, volume 1, part 1. *Geography and physics of lakes*. Wiley, New York.

In publishers' names, nonessential terms such as "Company," "Inc.," and "Ltd" should be omitted.

When the city of publication is well known, the name of the state or country in which it is located should be omitted; see section 8.42 for details.

8.23 When a book has been reprinted without revision, this must be indicated:

Piper, R. G., I. B. McElwain, L. E. Orme, J. P. McCraren, L. G. Fowler, and J. R. Leonard. 1982. *Fish hatchery management*. U.S. Fish and Wildlife Service, Washington, D.C. (4th printing, 1989).

Darwin, C. 1859. *Origin of species*. Reprint 1982, J. W. Burrow, editor. Penguin Books, London.

SPECIAL AFS PUBLICATIONS

8.24 In addition to books, AFS publishes lengthy monographs, symposia proceedings, and other, special publications, references to which are formatted as follows:

Waters, T. F. 1995. *Sediment in streams: sources, biological effects, and control*. American Fisheries Society, Monograph 7, Bethesda, Maryland.

Coutant, C. C., editor. 2001. *Behavioral technologies for fish guidance*. American Fisheries Society, Symposium 26, Bethesda, Maryland.

P. L. Fuller, L. G. Nico, and J. D. William. 1999. *Nonindigenous fishes introduced into inland waters of the United States*. American Fisheries Society, Special Publication 27, Bethesda, Maryland.

8.25 The various chapters, divisions, and sections of AFS also publish proceedings and other book-length documents, some of which are part of the Special Publications series and others of which are stand-alone. References to the former are formatted as indicated in section 8.24; references to the latter are formatted as follows:

Howell, P. J., and D. V. Buchanan, editors. 1992. Proceedings of the Gearheart Mountain Bull Trout Workshop. American Fisheries Society, Oregon Chapter, Corvallis.

Esocid Technical Committee. 1992. Synopsis of research and management. American Fisheries Society, North Central Division, Bethesda, Maryland.

Starnes, L. B., editor. 1985. Fish and wildlife relationships to mining: symposium proceedings. American Fisheries Society, Water Quality Section, Bethesda, Maryland.

Chapters within Books

8.26 The general format is as follows:

Lofgren, B. M. 2002. Global warming influences on water levels, ice, and chemical and biological cycles in lakes: some examples. Pages 15–22 *in* N. A. McGinn, editor. Fisheries in a changing climate. American Fisheries Society, Symposium 32, Bethesda, Maryland.

Reports

8.27 Reports that are included in *BIOSIS Serial Sources* (because they are issued as part of a regular series) are treated much as other periodicals:

Everest, F. H., C. E. McLemore, and J. F. Ward. 1980. An improved tri-tube cryogenic gravel sampler. U.S. Forest Service Research Note PNW-350.

8.28 The general format for other reports is as follows:

USEPA (U.S. Environmental Protection Agency). 1986. Quality criteria for water. USEPA, Report 440/5-86-001, Washington, D.C.

May, B., and R. Zubik. 1985. Quantitative. . . . Annual Report to the Bonneville Power Administration, Project 83-465, Portland, Oregon.

For reports by government agencies, use the name of the agency that appears on the title page of the report. When different organizational “layers” appear on the title page, list them from largest to smallest:

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service . . .

Capitalize terms such as “Final Report” and “Completion Report” that pertain to final, published documents; do not capitalize terms such as “preliminary report” and “draft report,” which pertain to what is essentially gray literature. Where relevant, provide project numbers.

FEDERAL AID IN (SPORT) FISH RESTORATION ACT REPORTS

8.29 Reports stemming from projects funded by the Federal Aid in Fish Restoration Act (popularly known as the Dingell–Johnson Act) and its successor, the Federal

Aid in Sport Fish Restoration Act (the Wallop–Breux Act), should be listed as follows:

Anderson, R. 1978. Age . . . Kamloops. Idaho Department of Fish and Game, Federal Aid in Fish Restoration, Projects F-53-R-12, -13, Final Report, Boise.

Zuerlein, G. 1984. Statewide fishing survey. Nebraska Game and Parks Commission, Federal Aid in Sport Fish Restoration, Project F-73-R, Final Report, Lincoln.

Note that the publisher is always the state agency to which the grant was awarded. Study and job numbers may be included after the project number but are not required.

SEA GRANT REPORTS

8.30 A few of the reports stemming from projects funded by the National Sea Grant College Program are listed in *BIOSIS Serial Sources* and should be formatted accordingly. The general format for other such reports is as follows:

Hewett, S. W., and B. L. Johnson. 1987. A generalized bioenergetics model of fish growth for microcomputers. University of Wisconsin, Sea Grant Institute, Technical Report WIS-SG-87-245, Madison.

Kapuscinski, A. R., and L. D. Jacobson. 1987. Genetic guidelines for fisheries management. University of Minnesota, Minnesota Sea Grant College Program, Sea Grant Research Report 17, Duluth.

Note that because the different institutions receiving Sea Grant funds name and number their reports in different ways, there is no standardized nomenclature for these reports.

Federal Laws

8.31 There are three stages to the publication of federal laws: (1) upon enactment, all federal laws are published as “slip” laws; thereafter, they are published (2) as part of *United States Statutes at Large*, which is updated annually, and (3) as part of the *United States Code*, which is updated every 6 years. Reference formats depend on the particular stage in question:

Fisheries Preservation Act of 1998. Public Law 723, 105th Congress, 2nd session (22 April 1998). [slip law]

Fisheries Preservation Act of 1998. U.S. Statutes at Large 111:1012–1025.

Fisheries Preservation Act. 1998. U.S. Code, volume 36, sections 1876–1884.

Federal Regulations and Other U.S. Office of the Federal Register Publications

8.32 References to the Code of Federal Regulations should be formatted as follows:

USOFR (U.S. Office of the Federal Register). 1987. Good laboratory practice for nonclinical laboratory studies. Code of Federal Regulations, Title 21, Part 210. U.S. Government Printing Office, Washington, D.C.

8.33 References to items appearing in the *Federal Register* should be formatted as follows:

U.S. Office of the Federal Register. 1983. Establishment of Sonoma County Green Valley Viticultural Area, Final Rule (T.D. ATF-161), *Federal Register* 48:125(21 November 1983):52577–52578.

USEPA (U.S. Environmental Protection Agency). 1985. Ambient water quality criteria for dissolved oxygen: freshwater aquatic life. *Federal Register* 50:10(7 April 1985):15634–15668.

Comments

8.34 The formats for comments vary somewhat, depending on the treatment in the source journal:

Beschta, R. L. 1982. Comment on “Stream system evaluation . . .,” by M. A. Shirazi and W. K. Seim. *Water Resources Research* 18:1292–1295.

Vladykov, V. D., and E. Kott. 1982. Comment on Reeve M. Bailey’s view of lamprey systematics: Comment. *Canadian Journal of Fisheries and Aquatic Sciences* 39:1215–1217.

Bailey, R. M. 1982. Comment on Reeve M. Bailey’s view of lamprey systematics: Reply. *Canadian Journal of Fisheries and Aquatic Sciences* 39:1217–1220.

Book Reviews

8.35 References to book reviews should be formatted as follows:

Hubbs, C. 1983. Review of “Handbook of darters,” by L. M. Page. *Copeia* 1983:581.

Magazines and Newspapers

8.36 References to popular magazines and newspapers should be formatted as follows:

Tucker, J. W., Jr. 1985. Sheepshead. . . . *Tropical Fish Hobbyist* (January):64–65, 68.

Larsen, R. 1986. Forestry and fisheries. *The Seattle Times* (February 9):A21, 27.

Saving the ocean. 2003. *The Washington Post* (May 21):A30.

Note that individual page numbers are required when the pagination is discontinuous.

Theses and Dissertations

8.37 The general formats are as follows:

Chitwood, J. B. 1976. The effects of threadfin shad as a forage species for largemouth bass in combination with bluegill, redear, and other forage species. Master's thesis. Auburn University, Auburn, Alabama.

Hartman, K. J. 1993. Striped bass, bluefish, and weakfish in the Chesapeake Bay: energetics, trophic linkages, and bioenergetics model applications. Doctoral dissertation. University of Maryland, College Park.

Web Sites

8.38 The general format is as follows:

Baldwin, N. A., R. W. Saalfield, M. R. Dochoda, H. J. Buettner, and R. L. Eschenroder. 2000. Commercial fish production in the Great Lakes, 1867–1996. Great Lakes Fishery Commission. Available: www.glfsc.org/databases/commercial/commerc.asp. (September 2000).

The date in parentheses indicates when the site was accessed.

Software

8.39 References are required for the statistical and other software packages used in authors' research. Whenever possible, AFS prefers that authors cite the user's manuals for such packages in the format for books:

SPSS. 1993. SPSS for Windows, release 6.0. SPSS, Chicago.

When user's manuals are not available, software may be cited as a commercial product (see Chapter 13) or a personal communication, whichever is appropriate. Such citations appear in the text only:

. . . performed with SuperANOVA 4.2 (21st Century Software, Cambridge, Massachusetts).

. . . performed with special software developed by researchers at Utah State University (E. M. Johnson, personal communication; available at www.usu.edu/zool/habsim/).

If noncommercial software is available via a Web site or from a particular person or organization, that should be noted.

Patents

8.40 References to patents should be formatted as follows:

Klesius, P. H., C. A. Shoemaker, and J. J. Evans. 2000. In ovo methods utilizing live *Edwardsiella ictaluri* against enteric septicemia in channel catfish. U.S. patent 6,153,202. February 1, 2000.

When there is an assignee, the name of the assignee should appear before the title of the patent and be followed a comma and the word “assignee.”

MISCELLANEOUS MATTERS

Names of Places of Publication

- 8.41** If the name of the publisher includes a state, province, or country name, do not repeat the name:

Wisconsin Department of Natural Resources, Madison

Australian Museum, Sidney

If the name of the publisher includes a city name, however, that name should be repeated:

Cambridge University Press, Cambridge, UK

Auburn University, Auburn, Alabama

Note that cities in the United Kingdom are followed only by the country name, abbreviated to “UK.”

- 8.42** The names of the following cities need not be followed by a state, province, or country name:

| | | |
|---------|-------------|---------------|
| Atlanta | Denver | New York |
| Boston | Houston | Philadelphia |
| Chicago | Los Angeles | San Francisco |
| Dallas | Miami | Seattle |

| | | |
|----------|---------|-----------|
| Montreal | Quebec | Vancouver |
| Ottawa | Toronto | |

| | | | | |
|-----------|--------------|-----------|-------------|----------------|
| Amsterdam | Budapest | Hong Kong | Mexico City | Rio de Janeiro |
| Athens | Brussels | Jerusalem | Moscow | Rome |
| Beijing | Buenos Aires | Lisbon | Oslo | Singapore |
| Berlin | Copenhagen | London | New Delhi | Stockholm |
| Bonn | Dublin | Madrid | Paris | Tokyo |
| Bucharest | Helsinki | Manila | Prague | Vienna |

Multiple Publications by an Author in a Given Year

- 8.43** It is not uncommon for there to be more than one reference to a particular author (either individually, with the same coauthors, or with different coauthors) in a particular year. In reference lists, publications by single authors should appear in the order in which they are cited in the text with the lowercase letters “a,” “b,” and so forth appended to the year of publication.

Publications with more than one author are treated similarly, except that they should appear in alphabetical order by the authors’ last names:

Benfey, T., R. S. Thomas, and R. T. Thompson. 1985a.
Benfey, T., G. Williams, and R. T. Thompson. 1985b.

Note that references with more than one author won’t necessarily appear right together (e.g., a publication by Benfey and Underwood would come between the two Benfey et al. references in the above example).

See section 8.3 for the citation of such publications in the text.

Non-English Publications

- 8.44** The formats for publications not (or not originally) in English vary depending on whether the original language uses the Latin alphabet and whether a partial or complete translation is available.

Rodríguez, G. M. 1992. Técnicas de evaluación cuantitativa de la madurez gonadal en peces. [Techniques for the quantitative evaluation of gonadal maturity in fish.] AGT Editor, S.A., Mexico City.

Barach, G. P. 1952. [The significance . . . Black Sea salmon]. *Zoologicheskii Zhurnal* 31:906–915. (In Russian.)

Li, S. 1980. [Preliminary research . . .]. *Journal of Fisheries of China* 4(3):275–283. (In Chinese with English summary.)

Krashevski, R. S. 1995. Schooling . . . fishes. Translated from the Polish by H. Mills. Wiley, New York.