

# Core Literature for Zoos and Aquariums

## I. REFERENCE

### A. Reference--Zoos

Alkire, Leland G. Jr., ed. 1991. *Periodical Title Abbreviations*. Vol. 1, *By Abbreviation*. Vol. 2, *By Title*. Vol 3, *New Periodical Title Abbreviations. Supplement*. (1994, 9th ed.) Detroit, MI: Gale. (\$185.00 each volume; Supplement \$145.00)

Allaby, Michael, ed. 1991. *The Concise Oxford Dictionary of Zoology*. New York: Oxford University Press. (\$39.95)

\* *Books in Print*. Annual. 10 volumes (vols 1-4 *Authors*; vols 5-8 *Titles*; vol 9 *Out of Print*; vol 10 *Publishers*). New York: R.R. Bowker. (set \$450.00) Provides current prices and publishers' addresses. Can often be found at your local public library. The online version or microfiche may be another option. *Subject Guide to Books in Print*. (\$159.95) May be an alternative to buying the complete set.

\* Boyd, Linda, ed. 1994. *Zoological Park and Aquariums of the Americas 1994-95*. Wheeling, WV: American Zoo and Aquarium Association. (\$60.00 nonmembers; \$25.00 members; \$35.00 educational facilities) Directory; published every two years.

*Cassell's French Dictionary*. 1977. New York: McMillan. (\$24.95)

*Cassell's German & English Dictionary: German-English, English-German*. 1978. New York: McMillan. (\$26.00)

*Cassell's Spanish & English Dictionary: Spanish-English, English-Spanish*. 1978. New York: McMillan. (\$24.95)

\* Council of Biological Editors. 1983. *CBE Style Manual*. 5th ed. American Institute of Biological Sciences. (\$27.95)

*Chicago Manual of Style*. 1993. 14th ed. Chicago: University of Chicago Press. (\$40.00)

*Complete Guide to Environmental Careers*. 1989. Washington, D.C: Island Press. (\$24.95, \$14.95 pap)

\* *Conservation Directory*. Annual. Washington, DC: National Wildlife Federation. (\$18.00 pap). Handy reference for locating organizations dealing with wildlife and conservation.

*Encyclopedia of Associations*. Annual. Vol 1 (3 parts) *National Organizations of the United States*. Detroit, MI: Gale Research. (\$415.00; CD-ROM version \$595.00) Should be in your local public library. Also online.

*Foundation Directory*. Annual. New York: Foundation Center. (\$195.00, \$170.00 pap) Useful when requesting grant money. Online version available also.

\* Gordon, Jill, ed. 1994. *Journals and Newsletters Received by Zoo and Aquarium Libraries*. St. Louis, MO: Saint Louis Zoo. Available from the editor.

- Hardy, Donna, ed.. Annual. *Directory of the Consortium of Aquariums, Universities, and Zoos*. Northridge, CA: C.A.U.Z. (\$15.00) Available from the editor.
- \* *International Zoo Yearbook*. 1959--. Annual. London: Zoological Society of London. Vols. 1-32 have been published so far. Price varies for each volume. An annual collection of articles on zoo related topics. A must for all zoo/aquarium libraries.
- Jacobsen, Lawrence and Faymond Hamel, eds. 1994. *International Directory of Primatology*. Madison, WI: University of Wisconsin. (\$15.00)
- \* Kenyon, Kay, ed. 1994. *Directory of Zoo and Aquarium Librarians*. 5th ed. Washington, DC: Smithsonian Institution Libraries. Updated every two years. Available from editor.
- Morris, Christopher, ed. 1992. *Dictionary of Science and Technology*. San Diego: Academic Press.
- \* National Geographic Society. 1993. *National Geographic Atlas of the World*. Rev. ed. Washington, DC: National Geographic Society. (\$100.00)
- New Encyclopedia Britannica*. 1993. 16th ed. 32 volumes. Chicago: Encyclopedia Britannica, Inc. (\$1,199.00) Great for those reference questions that are beyond the scope of a zoo/aquarium library's collection.
- Official Museum Directory*. Annual. Washington, D.C.: American Association of Museums. (\$185.00)
- Publisher's Directory*. Annual. Detroit, MI: Gale Research. (15th ed. 1994: \$275.00)
- Rhodes, Barbara and Rice Odell. 1992. *A Dictionary of Environmental Quotations*. New York: Simon and Schuster. (\$35.00)
- \* *Serial Sources for the BIOSIS Previews Database*. Annual. Philadelphia: BIOSIS. (\$55.00) Helpful for decoding journal abbreviations and identifying publishers of journals. CODEN listings useful on OCLC and other online systems. Compare the smaller, *Zoological Record Serials Sources*. A recent edition of either title will be useful for most reference collections.
- Species Information Library: North American Animals and Their Habitats*. **CD-ROM format only**. Baltimore, MD: National Information Services Corporation, 410-243-0797. (\$495.00) Complete full text accounts of thousands of North American animals. Major headings include food habits, life history, environmental associations, and references.
- \* *Ulrich's International Periodical Dictionary*. Annual. 3 vols. New York: Bowker. (\$395.00) Online version may be a cost effective alternative.
- \* *Webster's Third New International Dictionary*. 1986. Springfield: MA Merriam-Webster. (\$99.95)
- Who's Who in America*. 3 vols. Annual. 45th ed. Chicago: Marquis. (\$450.00) Useful in fund-raising. Also online version.
- Wood, Gerald. 1982. *Guinness Book of Animal Facts and Feats*. 3rd ed. New York: Sterling.
- \* *World Almanac and Book of Facts*. Annual. New York: World Almanac. (\$6.95 pap)
- \* *World Directory of Environmental Organizations*. 4th ed. 1992. Claremont, CA: California Institute of Public Affairs. (\$45.00 pap)

*World of Learning*. Annual. Detroit, MI: Gale. (\$380.00) Lists colleges and universities around the world.

\* *Zoological Record Serials Sources*. Annual. Philadelphia: BIOSIS. (\$40.00)  
Overlapping coverage with *Serial Sources for the BIOSIS Database*; useful for the same reasons.

## **B. Reference--Aquariums**

Barnett, Judith B., comp. 1986. *Marine Science Journal and Serials: An Analytical Guide*. New York: Greenwood Press. (\$49.95)

Charton, Barbara. 1988. *The Facts on File Dictionary of Marine Science*. New York: Facts on File. (\$12.95 pap)

Couper, Alastair, ed. 1989. *The Times Atlas and Encyclopedia of the Sea*. 2nd ed. New York: Harper and Row. (\$65.00)

Corbett, S.E. 1986. *Diver's Reference Dictionary*. San Pedro, CA: Best Pub. (\$31.50)

Hendrickson, Robert. 1984. *The Ocean Almanac*. Garden City, NY: Doubleday. (\$19.95 pap)

International Association of Marine Science Libraries and Information Centers (IAMSLIC). *Membership Directory*. 1986. Dartmouth, N.S., Canada.

*International Marine Mammal Scientist Directory*. Annual. Seattle: Marine Mammal Division, Northwest and Alaska Fisheries Center.

McAleer, Beth D., ed. 1987. *Directory of North American Fisheries and Aquatic Scientists*. 2nd ed. Bethesda, MD: American Fisheries Society. (\$13.00 pap)

Mangone, Gerald J. 1991. *Concise Marine Almanac*. 2nd ed. Washington, DC: Taylor & Francis. (\$58.00)

Meadows, Janice, et. al, comp. 1985. *MUSSEL: A Union List of Serials in the Marine Science Libraries*. Gloucester Point, VA: Virginia Institute of Marine Science.

Miller, James W., ed. 1979. *NOAA Diving Manual: Diving for Science and Technology*. 2nd ed. Washington DC: NOAA, Office of Ocean Engineering. Available from Upland, PA: Diane Pub. (\$95.00)

Organisation for Economic Co-operation and Development. 1990. *Multilingual Dictionary of Fish and Fish Products*. 3rd ed. Cambridge, MA: Blackwell Scientific. (\$69.95)

Pacheco, Anthony and Susan Smith. 1990. *Marine Parks and Aquaria of the United States*. New York: Lyons and Burford. (\$16.95, \$9.95 pap)

Parker, Sybil, ed. 1980. *McGraw-Hill Encyclopedia of Ocean and Atmospheric Sciences*. New York: McGraw-Hill.

Regan, Alison. 1982. *Directory of Marine Education Resources: A Guide to Organizations that Provide Information on Marine Education*. Washington: Center for Environmental Education.

Schwartz, Maurice L., ed. 1983. *The Encyclopedia of Beaches and Coastal Environments*. New York: Van Nostrand Reinhold.

\* Tver, David F. 1979. *Ocean and Marine Dictionary*. Centreville, MD: Cornell Maritime Press. (\$18.50)

\* *University Curricula in Oceanography and Related Fields*. 1995. Washington, DC: Marine Technology Information Service. (\$5.00)

## II. HORTICULTURE

Includes books on botany.

\* Bailey, Liberty H. 1976. *Hortus Third: A Concise Dictionary of Plants Cultivated in the United States and Canada*. New York: MacMillan. (\$150.00)

Baumgardt, John Philip. 1982. *How to Identify Flowering Plant Families*. Portland, OR: Timber Press. (\$22.95 pap)

Brown, Lauren. 1992. *Grasses: An Identification Guide*. Boston: Houghton Mifflin. (\$10.70 pap)

\* Davis, Stephen, et. al. 1986. *Plants in Danger: What Do We Know?* Cambridge, UK: IUCN. (\$30.00 pap) Available from Washington, DC: Island Press.

Dirr, Michael. 1990. *Manual of Woody Landscape Plants*. 4th ed. Champaign, IL: Stipes. (\$44.80, \$38.80 pap)

Everett, T.H. 1980. *New York Botanical Garden Illustrated Encyclopedia of Horticulture*. 10 vols. New York: Garland. (\$107 each volume)

Flora of North America Editorial Committee. 1993. *Flora of North America: North of Mexico. Vol 1 Introduction, Vol 2 Ferns and Gymnosperms*. 14 volumes planned. New York: Oxford University Press. (\$75.00 each vol) Recommended for large budgets.

\* Graf, Alfred. 1985. *Exotica Series IV International: Pictorial Cyclopedia of Exotic Plants from Tropical and Near Tropic Regions*. East Rutherford, NJ: Roehrs Co. (\$187.00)

———. 1992. *Tropica IV: Color Cyclopedia of Exotic Plants and Trees for Warm-Region Horticulture, In Cold Climate, the Summer Garden, or the Sheltered Indoors*. 4th ed. East Rutherford, NJ: Roehrs Co. (\$165.00)

Harris, Richard W. 1983. *Arboriculture: Care of Trees, Shrubs, and Vines in the Landscape*. Englewood Cliffs, NJ: Prentice-Hall. (\$58.67)

\* Heywood, Vernon H. 1993. *Flowering Plants of the World*. Updated ed. New York: Oxford University Press. (\$45.00)

Huxley, Anthony, et. al. eds. 1992. *The New Royal Horticultural Society Dictionary of Gardening*. 4 vols. New York: Macmillan Press. (\$795.00) Recommended reference for larger budgets.

Jones, David. 1987. *Encyclopaedia of Ferns: An Introduction to Ferns, Their Structure, Biology, Economic Importance, Cultivation and Proagation*. Portland, OR: Timber Press. (\$55.95)

Krussman, Gerd. 1985. *Manual of Cultivated Conifers*. 2nd ed. Portland, OR: Timber Press. (\$65.00)

\_\_\_\_\_. 1985. *Manual of Cultivated Broad-Leaved Trees and Shrubs*. 3 vols. Portland, OR: Timber Press. (\$65.00 each volume)

Lampe, Kenneth F. and Mary A. McCann. 1985. *AMA Handbook of Poisonous & Injurious Plants*. Chicago, IL: Chicago Review Press. (\$28.00 pap)

Lucas, G. and H. Synge. 1978. *IUCN Plant Red Data Book*. Cambridge, UK: IUCN Conservation Monitoring Centre. Comprises of Red Data sheets on 250 selected threatened plants of the world.

Nelson, Paul. 1991. *Greenhouse Operation and Management*. 4th ed. Englewood Cliffs, NJ: Prentice Hall. (\$46.00)

Pirone, P.P., et. al. 1988. *Tree Maintenance*. 6th ed. New York: Oxford University Press. (\$45.00)

\* Westcott, Cynthia. 1979. *Plant Disease Handbook*. 4th ed. New York: Reinhold.

### III. WILDLIFE CONSERVATION

Includes books on biodiversity.

For books on the conservation of specific groups of animals, see the appropriate animal group. (For instance, for books about endangered birds see *Birds--General*.)

\* *AZA Manual of Federal Wildlife Regulations. Vol 1: Protected Species. Vol 2 A & B: Laws and Regulations*. 1994. Bethesda, MD: America Zoo and Aquarium Associaton. A guide to all federal and internationally protected wildlife species.

*Audubon Wildlife Reports*. 1985--. San Diego: Academic Press. (\$92.00 each volume). Extensive coverage of United States government agencies and status reports on endangered and other species.

Balouet, Jean-Christophe and Eric Alibert. 1990. *Extinct Species of the World*. New York: Barron's. (\$39.95)

*Beacham's International Threatened, Endangered, and Extinct Species*. **CD-ROM format only**. Updated annually. Washington, DC: Beachman, 800-466-9644. (\$495.00) Presentations of over 1,250 species in full text. Contains color location maps, photos, 20-60 page articles describing species, habitat, behavior, threats to survival, recovery efforts, etc.

Bean, Michael J. 1983. *The Evolution of National Wildlife Law*. Rev. & expanded. New York: Praeger. (\$62.95, \$22.95 pap) Comprehensive account of the development of wildlife conservation law in this country.

Bibby, C.J., et. al. 1992. *Putting Biodiversity on the Map: Priority Areas for Global Conservation*. Cambridge: International Council for Bird Preservation. (\$23.50).

Bowles, Marlin L. and Christopher J. Whelan. 1994. *Restoration of Endangered Species: Conceptual Issues, Planning and Implementation*. New York: Cambridge University Press. (\$49.95)

Clark, Tim W., R.P. Reading, and A.L. Clare, eds. 1994. *Endangered Species Recovery: Finding the Lessons, Improving the Process*. Washington, DC: Island

Press. (\$48.00, \$25.00 pap) Case studies of prominent species recovery programs.

\* *Code of Federal Regulations*. Title 9: *Animals and Animal Products*. Parts 1-199 & Parts 200-end. Title 50: *Wildlife and Fisheries*. Parts 1-199 & Parts 200-end. Washington, D.C. GPO. Annuals. Primary source for current government regulations dealing with animals.

\* Convention on International Trade in Endangered Species of Wild Fauna and Flora. Annual. *Guidelines for Transport and Preparation for Shipment of Live Wild Animals and Plants*. New York: Unipub/United Nations Environment Programme. Practical manual for transporting wild animals.

DeBlieu, Jan. 1991. *Meant to Be Wild: The Struggle to Save Endangered Species Through Captive Breeding*. Golden, CO: Fulcrum Pub. (\$24.95)

\* Estes, Carol and Keith W. Sessions, eds. 1983, 1992. *Controlled Wildlife: A Three Volume Guide to US Wildlife Laws and Permit Procedures*. Lawrence, KS: Association of Systematics Collections. (\$40.00 pap each). A guide that simplifies United States wildlife laws. Volume 1 was updated in 1992.

Falk, Donald A., C.I. Millar, and M. Olwell, eds. 1994. *Restoring Diversity: Strategies for Reintroduction of Endangered Plants*. Washington, DC: Island Press. (\$39.95, \$27.50 pap)

Fitzgerald, Sarah. 1989. *International Wildlife Trade: Whose Business Is It?* Washington, DC: World Wildlife Fund. (\$40.00)

Gibbons, Edward F., Barbara S. Durrant, and Jack Demarest, eds. 1994. *Conservation of Endangered Species in Captivity: An Interdisciplinary Approach*. Ithaca, NY: Cornell University Press. (\$34.95)

Gradwohl, Judy and Russell Greenberg. 1988. *Saving the Tropical Forests*. Washington DC: Island Press. (\$24.95 pap)

\* Hearn, J.P. and J.K. Hodges, eds. 1984. *Advances in Animal Conservation*. (Symposia of the Zoological Society of London, no. 4). New York: Oxford University Press.

Hoage, Robert J, ed. 1985. *Animal Extinctions: What Everyone Should Know*. Washington, D.C.: Smithsonian Institution Press. (\$14.95 pap). Proceedings of a symposium.

Kennedy, Michael, ed. 1990. *Australia's Endangered Species: The Extinction Dilemma*. New York: Princeton-Hall.

Kenward, Robert. 1987. *Wildlife Radio Tagging: Equipment, Field Techniques, and Data Analysis*. San Diego: Academic Press. (\$61.00)

Kenchington, Richard A. 1990. *Managing Marine Environments*. New York: Taylor & Frances. (\$58.00)

Kohm, Kathryn A., ed. 1992. *Balancing on the Brink of Extinction: The Endangered Species Act and Lessons for the Future*. Washington, DC.: Island Press. (\$39.95, \$24.95 pap)

Lever, Christopher. 1994. *Naturalized Animals: The Ecology of Successfully Introduced Species*. London: T & AD Poyser.

\* *Live Animal Regulations*. Annual. Quebec, Canada: International Air Transportation Association. (\$61.00)

- \* Lyster, Simon. 1985. *International Wildlife Law: An Analysis of International Treaties Concerned with Conservation of Wildlife*. Salem, NH: Butterworth Legal Pub. (\$46.00, \$23.00 pap) In-depth study of major international and regional treaties relating to wildlife conservation.
- Mallison, Jeremy. 1978. *The Shadow of Extinction: Europe's Threatened Wild Animals*. London: McMillan.
- Miller, Ronald. 1994. *Mapping the Diversity of Nature*. New York: Chapman & Hall. (\$59.95)
- Moore, H.D.M., W.V. Holt and G.M. Mace. 1992. *Biotechnology and the Conservation of Genetic Diversity*. (Symposia of the Zoological Society of London, no. 64) Oxford: Clarendon Press. (\$98.00)
- Myers, Norman. 1979. *The Sinking Ark: A New Look at the Problem of Disappearing Species*. Elmsford, NY: Pergamon. (\$42.00)
- \_\_\_\_\_. 1985. *The Primary Source: Tropical Forests and Our Future*. New York: Norton. (\$10.95 pap) Updated for the 1990's.
- Nilsson, Greta. 1986. *The Endangered Species Handbook*. 2nd ed. Washington, D.C.: Animal Welfare Institution.
- Norton, Bryan, G., ed. 1987. *Why Preserve Natural Variety?* Princeton, NJ: Princeton University Press. (\$35.00, \$13.95 pap)
- Norton, Bryan G., Michael Hutchins, Elizabeth Stevens, and Terry Maple. 1995. *Ethics on the Ark: Zoos, Animal Welfare, and Wildlife Conservation*. Washington, DC: Smithsonian Institution Press. (\$32.50)
- \* *Official World Wildlife Fund Guide to Endangered Species of North America*. 4 vols. 1990. Washington, DC: Beacham Pub. (vols 1-2 \$195.00; v.3 \$85.00; v.4 \$85.00)
- \* Olney, P.J.S., Mace, G.M. and A.T.C. Feistner, eds. 1993. *Creative Conservation: Interactive Management of Wild and Captive Animals*. New York: Chapman & Hall. (\$94.95)
- \* Primack, Richard. 1993. *Essentials of Conservation Biology*. Sunderland, MA: Sinauer. (\$34.95) Textbook.
- Schonewald-Cox, C.M., et al. 1983. *Genetics and Conservation: A Reference for Managing Wild Animal and Plant Populations*. Menlo Park, CA: Benjamin/Cummings. Contains basic genetic principles and technologies relevant to zoo management.
- Shuker, Karl. 1993. *The Lost Ark: New and Rediscovered Animals of the Twentieth Century*. London: Collins.
- Soule, Michael, ed. 1986. *Conservation Biology: The Science of Scarcity and Diversity*. Sunderland, MA: Sinauer. (\$34.95 pap)
- \_\_\_\_\_. 1987. *Viable Populations for Conservation*. New York: Cambridge University Press. (\$17.95)
- \_\_\_\_\_ and K.A. Kohm, eds. 1989. *Research Priorities for Conservation Biology*. Washington, DC: Island Press. (\$9.95 pap)
- \_\_\_\_\_ and B.A. Wilcox, eds. 1980. *Conservation Biology: An Evolutionary-Ecological Perspective*. Sunderland, MA: Sinauer. (\$32.95 pap)

- Tudge, Colin. 1992. *Last Animals at the Zoo: How Mass Extinction Can Be Stopped*. Washington, DC: Island Press. (\$25.00, \$15.00 pap)
- \* Wiese, Robert J. and Michael Hutchins. *Species Survival Plans: Strategies for Wildlife Conservation*. Oglebay Park: American Zoo and Aquarium Association. (\$15.00)
- Weber, Peter. 1993. *Abandoned Seas: Reversing the Decline of the Oceans*. Washington, DC: Worldwatch Insititute. (\$5.00)
- \* Western, David and Mary Pearl, eds. 1989. *Conservation for the Twenty-First Century*. New York: Oxford University Press. (\$19.95 pap)
- White, Gary C. and Robert A. Garrott. 1990. *Analysis of Wildlife Radio-Tracking Data*. San Diego: Academic Press. (\$65.00)
- Wilson, Edward O. 1992. *Diversity of Life*. Cambridge, MA: Harvard University Press. (\$29.95)
- Wilson, Edward O., ed. 1988. *Biodiversity*. Washington, DC: National Academy Press. (\$24.50 pap)
- World Conservation Monitoring Centre. 1992. *Global Biodiversity*. New York: Chapman & Hall. (\$59.95)
- \_\_\_\_\_. 1992. *Protected Areas of the World: A Review of National Systems*. 4 vols. Gland, Switzerland: IUCN. (\$175.00) Descriptions, maps, and references for each entry make this a valuable reference.
- \* \_\_\_\_\_. 1993. *1994 IUCN Red List of Threatened Animals*. Gland, Switzerland: IUCN. (\$30.00, \$15.00 pap). Updated periodically.
- World Resources Institute. 1994. *World Resources, 1994-95: A Guide to Global Environment*. New York: Oxford University Press. (\$35.00, \$21.95 pap)

#### IV. ZOOS AND AQUARIUMS

- Adams, John L. 1993. *Marwell-The Story So Far*. Winchester, Hampshire: Marwell Preservation Trust.
- Benchley, Belle. 1942. *My Life In a Man-Made Jungle*. London: Faber & Faber.
- Bendiner, Robert. 1981. *Fall of the Wild: The Rise of the Zoo*. New York: Dutton.
- \* Bostock, Stephen. 1993. *Zoos and Animal Rights: The Ethics of Keeping Animals*. New York: Routledge. (\$59.95, \$15.95 pap)
- \* Boyd, Linda, ed. 1994. *Zoological Parks and Aquariums of the Americas 1994-95*. Wheeling, WV: American Zoo and Aquarium Association. (\$60.00 nonmembers; \$25.00 members; \$35.00 educational facilities) Directory; published every two years. Contains names, addresses and other factual information.
- Bridges, Williams. 1974. *Gathering of Animals: An Unconventional History of the New York Zoological Society*. New York: Harper & Row. (\$25.00) Covers the history of the Bronx Zoo and the New York Aquarium.



- Campbell, Shelden. 1978. *Lifeboats to Ararat*. New York: Time Books. San Diego Zoo.
- Cherfas, Jeremy. 1984. *Zoo 2000: A Look Beyond the Bars*. London: BBC.
- Ehrlinger, David. 1993. *The Cincinnati Zoo and Botanical Garden: From the Past to Present*. Cincinnati, OH: Cincinnati Zoo and Botanical Garden. (\$19.95).
- Fisher, James. 1967. *Zoos of the World*. Garden City, NY: Natural History Press.
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- Gold, Don. 1988. *Zoo*. Chicago: Contemporary Books. Behind the scenes look at the Lincoln Park Zoo in Chicago.
- Guillery, Peter. 1993. *The Buildings of London Zoo*. London: Royal Commission on the Historical Monuments of England.
- Hahn, Emily. 1967. *Animal Gardens*. Garden City, NY: Doubleday.
- \* Hancocks, David. 1971. *Animals and Architecture: The Story of Buildings for Animals*. New York: Praeger. A history of zoological garden architecture.
- Huxley, Elspeth J.G. 1981. *Whipsnade: Captive Breeding for Survival*. London: Collins. Story of the Zoological Society of London's breeding park.
- International Symposium on Design and Construction. *Zoo Design. Zoo Design 1, Zoo Design 2. Zoo Design and Construction*. 1975, 1976, 1980, 1992. Paignton, England: Paignton Zoo and Botanical Gardens. Proceedings of 4 symposiums on zoo design.
- Ironmonger, John. 1992. *The Good Zoo Guide*. London: Harper Collins. Guide to British zoos.
- Kirchshofer, Rosl, ed. 1968. *The World of Zoos*. New York: Viking Press.
- \* Koebner, Linda. 1994. *Zoo Book: The Evolution of Wildlife Conservation Centers*. New York: T Doherty. (\$29.95) Oversized. Lots of photos.
- Livingston, Bernard. 1974. *Zoos: Animals, People, Places*. New York: Arbor House.
- Luoma, Jon. 1987. *A Crowded Ark*. Boston: Houghton Mifflin. (\$17.45)
- Maple, Terry and Erika Archibald. 1992. *Zoo Man: Inside the Zoo Revolution*. Atlanta, GA: Longstreet Press. (\$19.95) Director of the Atlanta Zoo.
- Marshall, Anthony D. 1994. *Zoos: Profiles of 102 Zoos, Aquariums, and Wildlife Parks in the United States*. New York: Random House. (\$12.00)
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- Newman, Murray A. 1994. *Life in a Fishbowl: Confessions of Aquarium Director*. Vancouver: Douglas & McIntyre. (\$34.95) Vancouver Aquarium in Canada.
- Nyhuis, Allen. 1994. *The Zoo Book: A Guide to America's Best*. Albany, CA: Carousel Press. (\$14.95 pap)
- O'Brien, Tim. 1992. *Where the Animals Are: A Guide to the Best Zoos, Aquariums, and Wildlife Attractions in North America*. Old Saybrook, CT: Globe Pequot Press. (\$12.95)

- Pacheco, Anthony and Susan Smith. 1990. *Marine Parks and Aquaria of the United States*. New York: Lyons and Burford. (\$16.95, \$9.95 pap)
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- \* \_\_\_\_\_. 1990. *Zoo: The Modern Ark*. New York: Facts on File. (\$35.00)
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- \* Rogers, Rachael. 1992. *Zoo and Aquarium Professionals: The History of AAZK*. Topeka, KS: American Association of Zoo Keepers. (\$15.00)
- Sausman, Karen, ed. 1982. *Zoological Park and Aquarium Fundamentals*. Wheeling, WV: AAZPA. Update coming.
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- Sedgwick, John. 1988. *The Peaceable Kingdom: A Year in the Life of America's Oldest Zoo*. New York: Morrow. About the Philadelphia Zoo.
- Smith, Guy L., 1985. *A House for Joshua: The Building of the Knoxville Zoo*. Knoxville, TN: University of Tennessee. (\$14.95)
- Smithsonian Institution. 1979. *A Zoo for All Seasons*. New York: Norton. Behind the scenes at the National Zoo in Washington, D.C.
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- Taylor, Leighton R. 1993. *Aquariums: Windows to Nature*. New York: Prentice-Hall General Reference. (\$35.00)
- Ulmer, Jefferson G. and Susan Gower. 1984. *Lions and Tigers and Bears*. New York: Garland. (\$20.00) Directory of zoos.
- Wegeforth, Harry and Neil Morgan. 1990. *It Began with a Roar, The Colorful History of the San Diego Zoo*. San Diego: Zoological Society of San Diego. (\$8.99) Originally printed 1953.
- Yew, Wei, ed. 1992. *Noah's Art: The Graphics of Zoos, Aquaria, Aviaries and Wildlife Parks*. Carson, CA: Books Nippan. (\$60.00)
- Zucker, Barbara. 1987. *Children's Museums, Zoos and Discovery Rooms: An International Reference*. Westport, CT: Greenwood Press. (\$59.95)
- Zuckerman, Lord, ed. 1980. *Great Zoos of the World*. Boulder, CO: Westview Press.

## V. INVERTEBRATES

- Abbott, R. Tucker and S. Peter Dance. 1986. *Compendium of Seashells: A Color Guide to More Than 4000 of the World's Marine Shells*. Rev. ed. New York: Dutton. (\$49.95)
- Arnett, Ross H. 1993. *American Insects: A Handbook of the Insects of America North of Mexico*. Gainesville, FL: Sandhill Crane Pub. (\$59.50)

- \* Barnes, Robert D. 1987. *Invertebrate Zoology*. 5th ed. Philadelphia: Saunders College.
- Bliss, Dorothy, et. al., eds. 1982-85. *The Biology of Crustacea*. 10 vols. New York: Academic Press. (\$125.00 each) For the serious researcher.
- Borror, Donald J., et. al. 1989. *An Introduction to the Study of Insects*. 6th ed. Philadelphia: Saunders College. (\$57.00) Textbook.
- Brusca, Richard and Gary Brusca. 1990. *Invertebrates*. Sunderland, MA: Sinauer. (\$47.50) Textbook for students of invertebrate zoology.
- \* Buchsbaum, Ralph. 1987. *Animals Without Backbones*. 3rd rev. ed. Chicago: University of Chicago Press. (\$29.95, \$19.00 pap)
- Burton, Jane and Barbara Taylor. 1992. *Coral Reef*. New York: Dorling Kindersley.
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- \* Frye, Fredric L. 1992. *Captive Invertebrates: A Guide to Their Biology and Husbandry*. Malabar, FL: Kreiger. (\$29.50)
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## F. Mammals--Marine (Whales, Seals, Sea Lions, etc.)

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- Evans, Peter. 1987. *The Natural History of Whales and Dolphins*. New York: Facts on File. (\$25.95)
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- \* King, Judith. 1983. *Seals of the World*. 2nd ed. Ithaca, NY: Cornell University Press. A good introduction on seal natural history.
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- \* Ridgway, Sam H. and Richard Harrison, eds. 1981-1994. *Handbook of Marine Mammals*. 5 vols. San Diego: Academic Press. (\$128 each volume)
- \* Slijper, Everhard J. 1976. *Whales and Dolphins*. Ann Arbor: University of Michigan. (\$14.95 pap)
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## G. Mammals--Primates

- \* Benirschke, Kurt, ed. 1986. *Primates: The Road to Self-Subsisting Populations*. New York: Springer-Verlag. Proceedings of a symposium. (\$142.00)
- Bourne, Geoffrey H., ed. 1969-73. *The Chimpanzee*. 6 volumes. Basel: Karger.
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- Chiarelli, A.B. 1972. *Taxonomic Atlas of Living Primates*. San Diego: Academic Press.
- \* Clutton-Brock, T.H., ed. 1977. *Primate Ecology: Studies of Feeding and Ranging Behavior in Lemurs, Monkeys, and Apes*. San Diego: Academic Press.
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- Dunbar, Robin. 1987. *Primate Social Systems*. Ithaca, NY: Cornell University Press. (\$54.50)
- Erwin, Joseph, et. al., eds. 1979. *Captivity and Behavior: Primates in Breeding Colonies, Laboratories and Zoos*. New York: Van Nostrand Reinhold.
- Ghiglieri, Michael P. 1983. *The Chimpanzees of the Kibale Forest: A Field Study of Ecology and Social Structure*. New York: Columbia University Press. (\$51.50)
- Goodall, Jane. 1986. *The Chimpanzees of Gombe: Patterns of Behavior*. Cambridge, MA: Harvard University Press. (\$42.50)
- Harcourt, Caroline. 1990. *Lemurs of Madagascar and the Comoros: The Red Data Book*. Washington, DC: Island Press. (\$38.00)
- Heltne, Paul and Linda A. Marquardt, eds. 1989. *Understanding Chimpanzees*. Cambridge, MA: Harvard University Press. (\$40.00)
- \* Hershkovitz, Philip. 1978. *Living New World Monkeys, Vol 1*. Chicago: University of Chicago Press. (\$110.00)
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- \* Kavanagh, Michael. 1983. *A Complete Guide to Monkeys, Apes and Other Primates*. London: Cape. For the general reader.
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- \* Lee, P.C., J. Thornback and E.L. Bennett. 1989. *Threatened Primates of Africa: The IUCN Red Data Book*. Washington DC: Island Press. (\$24.00)
- Maple, Terry. 1982. *Gorilla Behavior*. New York: Van Nostrand Reinhold.
- \_\_\_\_\_. 1989. *Orangutan Behavior*. New York: Van Nostrand Reinhold.
- \* Mitchell, G. 1979. *Behavioral Sex Differences in Non-Human Primates*. New York: Van Nostrand Reinhold.
- Mittermeier, Russell, et. al. 1992. *Lemurs of Madagascar: An Action Plan for Their Conservation 1993-1999*. Washington, DC: Island Press (An IUCN Publication). (\$16.00 pap)
- Moynihan, Martin. 1976. *The New World Primates: Adaptive Radiation and the Evolution of Social Behavior, Languages, and Intelligence*. Princeton, NJ: Princeton University Press. (\$42.00)
- Napier, John R. and P.H. Napier. 1967. *A Handbook of Living Primates: Morphology, Ecology and Behaviour of Nonhuman Primates*. San Diego: Academic Press. A classic on non-human primate biology.
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- Poirier, Frank. 1972. *Primate Socialization*. New York: Random House.
- Preston-Matham, Ron and Ken. 1992. *Primates of the World*. New York: Facts on File. (\$25.95)
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- Roonwal, M.L. and S.M. Mohnot. 1977. *Primates of South Asia: Ecology, Sociobiology and Behavior*. Cambridge, MA: Harvard University Press. (\$118.60 pap)
- \* Rylands, Anthony B., ed. 1993. *Marmosets and Tamarins: Systematics, Behavior and Ecology*. New York: Oxford University Press. (\$75.00)
- \* Schaller, George B. 1988. *The Mountain Gorilla: Ecology of Behavior*. Chicago: University of Chicago Press. (\$23.00 pap)
- Schwartz, Jeffery, ed. 1988. *Orang-utan Biology*. New York: Oxford University Press. (\$79.95)
- \* Segal, Evelyn, ed. 1989. *Housing, Care, and Psychological Wellbeing of Captive and Laboratory Primates*. Park Ridge, NJ: Noyes. (\$64.00)
- Seth, P.K. and Swadesh Seth, eds. 1983-1987. *Perspectives in Primate Biology*. 3 vols. Scholarly Pub. (\$69.00 each volume)
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- \* Smuts, Barbara, et. al., eds. 1987. *Primate Societies*. Chicago: University of Chicago Press. (\$29.50)
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- \_\_\_\_\_. 1989. *Peacemaking Among Primates*. Cambridge, MA: Harvard University Press. (\$32.95)
- Tuttle, Russell H. 1986. *Apes of the World: Their Social Behavior, Communication, Mentality and Ecology*. Park Ridge, NJ: Noyes. (\$55.00) A major comprehensive text on ape behavior and ecology.
- \* Wolfheim, Jaclyn H. 1983. *Primates of the World: Distribution, Abundance and Conservation*. Seattle: University of Washington Press. (\$165.00)
- Yerkes, Robert and Ada. 1929. *The Great Apes*. New Haven: Yale University Press. (Reprinted 1970, Johnson Reprint Corp, 111 Fifth Ave, NY, NY 10003). A classic work; still very informative.

## H. Mammals--Rabbits and Rodents

- Barash, David P. 1989. *Marmots: Social Behavior and Ecology*. CA: Stanford University Press. (\$55.00)
- Chapman, J.A., ed. 1990. *Rabbits, Hares and Pikas: Status Survey and Conservation Action Plan*. Gland, Switzerland: IUCN.
- Churchfield, Sara. 1990. *Natural History of Shrews*. Ithaca, NY: Cornell University Press. (\$35.95)
- Gumell, John. 1989. *The Natural History of Squirrels*. New York: Facts on File.
- MacClintock, Dorcas. 1970. *Squirrels of North America*. New York: Van Nostrand Reinhold. Covers marmots, prairie dogs, ground squirrels, rock squirrels, and many more.
- Morgan, Lewis. 1986. *American Beaver and His Works: A Classic of Natural History and Ecology*. New York: Dover. (\$10.95) Reprint of 1868 edition.
- Rosevear, D.R. 1969. *The Rodents of West Africa*. Portland, OR: International Specialized Book Services.
- \* Sherman, Paul W., Jennifer U.M. Jarvis, and Richard D. Alexander, eds. 1991. *The Biology of the Naked Mole-Rat*. Princeton, NJ: Princeton University Press. (\$67.50, \$24.94 pap)

## I. Mammals--Large Herbivores (Elephants and Hoofed Mammals)

- Beck, Benjamin and Christen Wemmer, eds. 1983. *The Biology and Management of an Extinct Species, Pere David's Deer*. Park Ridge, NJ: Noyes.
- Berger, Joel. 1994. *Bison: Mating and Conservation in Small Populations*. New York: Columbia University Press. (\$55.00)
- \* Boyd, Lee and Katherine Houpt, eds. 1994. *Przewalski's Horse: The History and Biology of An Endangered Species*. Ithaca, NY: Cornell University Press. (\$59.50, \$19.95 pap)
- Brown, Robert, ed. 1991. *The Biology of Deer*. New York: Springer-Verlag. (\$95.00)
- Bubenik, George and Anthony B. Bubenik, eds. 1990. *Horns, Pronghorns, and Antlers*. New York: Springer-Verlag. (\$119)
- Clutton-Brock, T.H., F.E. Guinness and S.D. Albon. 1982. *Red Deer Behavior and Ecology of Two Sexes*. Chicago: University of Chicago Press. (\$22.50, \$14.00 pap)
- \* Dagg, Anne I. and Bristol Foster. 1976. *Giraffe, Its Biology, Behavior and Ecology*. Melbourne, FL: Krieger. (\$24.50)
- Dixon, Alexandra and David Jones, eds. 1988. *Conservation and Biology of Desert Antelopes*. London: Helm.
- Douglas-Hamilton, I. and O. Douglas-Hamilton. 1975. *Among the Elephants*. New York: Viking.
- Duncan, Patrick, ed. 1992. *Zebras, Horses and Asses: An Action Plan for the Conservation of Wild Equids*. Washington, DC: Island Press. (An IUCN Publication). (\$10.00)
- \* Eisenberg, John, George McKay and John Seidensticker. 1990. *Asian Elephants*. Washington, DC: Friends of the National Zoo. (Reprints of *Contributions to Zoology*, Smithsonian Institution, nos. 101 and 125; plus a World Bank Technical Paper reprint).
- Eltringham, S.K. 1982. *Elephants*. Dorset, England: Blandford Press.
- \* Gauthier-Pilters, Hilde and Anne Dagg. 1983. *The Camel: Its Evolution, Ecology, Behavior and Relationship to Man*. Chicago: University of Chicago Press.
- Geist, V. & F. Walther, eds. 1974. *The Behavior of Ungulates and Its Relation to Management*. 2 vols. Gland, Switzerland: IUCN. Papers of an international symposium.
- Goss, Richard J., ed. 1983. *Deer Antlers: Regeneration, Function and Evolution*. San Diego: Academic Press. (\$96.00)
- Groves, Colin P. 1974. *Horses, Asses and Zebras in the Wild*. Hollywood, FL: Ralph Curtis Books. For the general reader.
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- Lee, Amanda. 1992. *Management Guidelines for the Welfare of Zoo Animals: Giraffe*. London: Federation of Zoological Gardens of Great Britain and London.

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- MacClintock, Dorcas. 1973. *A Natural History of Giraffes*. New York: Scribners. For the general reader.
- \_\_\_\_\_. 1976. *A Natural History of Zebras*. New York: Scribners. For the general reader.
- Mloszewski, Mark. 1983. *The Behavior and Ecology of the African Buffalo*. New York: Cambridge University Press. (\$59.95)
- Mochi, Ugo and T. Donald Carter. 1971. *Hoofed Mammals of the World*. 2nd ed. New York: Scribners.
- \* Penny, Malcolm. 1988. *Rhinos: Endangered Species*. New York: Facts on File. (\$19.95) For the general reader.
- \* Price, Mark. 1989. *Animal Reintroductions: The Arabian Oryx in Oman*. New York: Cambridge University Press. (\$42.95)
- Putnam, Roy. 1988. *Natural History of Deer*. Ithaca, NY: Comstock. (\$28.50) For the general reader.
- \* Roocroft, Alan and Donald Atwell Zoll. 1994. *Managing Elephants: An Introduction to the Management and Training of Elephants*. Ramona, CA: Fever Tree Press. (\$20.00)
- \* Schaller, George B. 1989. *Mountain Monarchs: Wild Sheep and Goats of the Himalaya*. Chicago: University of Chicago Press. (\$18.95 pap)
- Sikes, Sylvia K. 1971. *The Natural History of the African Elephant*. New York: Elsevier.
- Soma, Hiroaki, ed. 1987. *Biology and Management of Capricornis and Related Mountain Antelopes*. New York: Croom Helm.
- \* Spinage, C. 1985. *Natural History of Antelopes*. New York: Facts on File. (\$25.95) Good introduction on the subject of antelopes.
- \* Sukumar, R. 1989. *Asian Elephant: Ecology and Management*. New York: Cambridge University Press. (\$34.95)
- Thomas, Jack and Dale Toweill, eds. 1982. *Elk of North America: Ecology and Management*. Harrisburg, PA: Stackpole Books. (\$49.95)
- Valdez, Raul. 1985. *Lords of the Pinnacles: Wild Goats of the World*. Mesilla, NM: Wild Sheep and Goat International.
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- Wemmer, Christen, ed. 1987. *Biology and Management of the Cervidae*. Washington, DC: Smithsonian Institution Press. (\$50.00, \$32.00 pap)
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Yagil, Reuven. 1985. *The Desert Camel*. New York: S.Karger. (\$102.00)

## X. ANIMAL BEHAVIOR

Alcock, John. 1993. *Animal Behavior: An Evolutionary Approach*. 5th ed. Sunderland, MA: Sinauer. (\$47.95) Textbook.

\* Benyus, Janine. 1992. *Beastly Behaviors: A Zoo Lover's Companion*. Reading, MA: Addison-Wesley. (\$15.34 pap). Popular guide for the animal watcher and zoo goer.

Corning, W.C., J.A. Dyal, and A.O.D. Willows, eds. 1973-1975. *Invertebrate Learning*, 3 vols. New York: Plenum.

Crockett, Carolyn and Michael Hutchins. 1978. *Applied Behavioral Research and the Woodland Park Zoological Gardens*. Seattle, WA: Pika Press.

Clutton-Brock, Tim. 1991. *The Evolution of Parental Care*. Princeton, NJ: Princeton University Press. (\$19.95)

Eisenberg, John F. and Devra Kleiman, eds. 1983. *Advances in the Study of Mammalian Behavior*. Shippenburg, PA: American Society of Mammalogists. (\$45.00) Conference papers. A good introduction of the many subdisciplines of behavioral studies and their applications.

Fagen, Robert. 1981. *Animal Play Behavior*. New York: Oxford University Press. (\$39.95, \$22.50 pap)

Griffin, Donald. 1992. *Animal Minds*. Chicago: University of Chicago Press. (\$24.95, \$12.95 pap)

Gubernick, David J. and Peter H. Klopfer, eds. 1981. *Parental Care in Mammals*. New York: Plenum. (\$85.00)

\* Hediger, Heini. 1964. *Wild Animals in Captivity*. Magnolia, MA: Peters Smith. Discusses animal behavior and basic principles of managing animals in captivity. A classic.

\* \_\_\_\_\_. 1968. *Psychology and Behaviour of Animals in Zoos and Circuses*. New York: Dover.

\* \_\_\_\_\_. 1969. *Man and Animal in the Zoo: Zoo Biology*. London: Routledge & K. Paul. Another classic.

Hinde, Robert A. 1982. *Ethology: Its Nature and Relations with Other Sciences*. New York: Oxford University Press. (\$22.50) Undergraduate text.

Hoage, R.J. and Larry Golden, eds. 1986. *Animal Intelligence*. Washington, DC: Smithsonian Institution Press. (\$13.95 pap) Proceedings from a symposium at the National Zoological Park.

Lawrence, A.B., and J. Rushen, eds. 1993. *Stereotypic Animal Behaviour: Fundamental and Applications to Welfare*. Tuscon, AZ: University of Arizona Press. (\$71.25)

- McFarland, David, ed. 1981. *The Oxford Companion to Animal Behaviour*. New York: Oxford University Press. (\$49.95) More than seventy experts contributed essays to this wealth of information which is quite readable.
- Markowitz, Hal. 1982. *Behavioral Enrichment in the Zoo*. New York: Reinhold. Describes new and innovative programs that encourage behavioral activities of captive animals.
- \_\_\_\_\_ and Victor Stevens, eds. 1978. *Behavior of Captive Wild Animals*. Chicago: Nelson-Hall. (\$35.95) Behavioral research on animals in zoos and other captive environments.
- Martin, Paul and Patrick Bateson. 1986. *Measuring Behaviour: An Introductory Guide*. New York: Cambridge University Press, (\$16.95 pap) A practical guide to the principles and methods for studying behavior quantitatively.
- Monaghan, Pat and D.G.M. Wood-Gush. 1990. *Managing the Behaviour of Animals*. New York: Chapman & Hall. (\$82.00)
- Morton, Eugene and Jake Page. 1992. *Animal Talk*. New York: Random House. (\$19.50)
- Poole, Trevor. 1985. *Social Behavior in Mammals*. New York: Chapman & Hall. (\$32.50) Good summary of research in this field.
- Rachlin, H. *Introduction to Modern Behaviourism*. 1976. 2nd ed. Reading, PA: Freeman. A good introductory text to the subject.
- Vance, Velma J. 1990. *Exploring Zoos: A Guide to Wild Animals In Captivity*. Dubuque, IA: Kendall-Hunt.
- Walters, Mark. 1988. *The Dance of Life: Courtship in the Animal Kingdom*. New York: Morrow.
- Wilson, Edward O. 1975. *Sociobiology: The New Synthesis*. Cambridge, MA: Harvard University Press. (\$40.50)
- Wittenberger, J. 1981. *Animal Social Behavior*. Boston: Duxbury Press.

## **XI. NUTRITION**

- \* AAZK, Inc. 1988. *AAZK Diet Notebook. Mammals Vol 1*. Topeka, KS: American Association of Zoo Keepers.
- \* AZA Animal Health Committee. 1994. *Infant Diet Notebook*. Wheeling, WV: American Zoo and Aquarium Association.
- Allchurch, Anthony. 1986. *The Nutritional Handbook of the Jersey Wildlife Preservation Trust*. Jersey: The Trust.
- Burger, I.H. and J.P. Rivers, ed. 1989. *Nutrition of the Dog and Cat*. New York: Cambridge University Press.
- \* Church, D.C. 1984. *Livestock Feeds and Feeding*. 3rd ed. Englewood Cliffs, NJ: Prentice-Hall. (\$53.00 pap) Good introduction on nutrition and feeding of livestock.



- Committee on Animal Nutrition, Board on Agriculture, National Research Council. 1993. *Nutrient Requirements of Fish*. Washington, DC: National Academy Press.
- \* Dr. Scholl Nutrition Conference. 1980-1989. *Proceedings of the Dr. Scholl Conference on the Nutrition of Captive Wild Animals*. Chicago: Lincoln Park Zoological Park.
- Frye, Fredric L. 1992. *A Practical Guide for Feeding Captive Reptiles*. Malabar, FL: Kreiger (\$22.50)
- Gilchirst, F.M.C. and R.I. Mackie. 1984. *Herbivore Nutrition in the Subtropics and Tropics*. Craighall, South Africa: Science Press.
- Hacker, J.B. and J.H. Ternouth, eds. 1987. *Nutrition of Herbivores*. San Diego: Academic Press.
- Halver, John E., ed. 1988. *Fish Nutrition*. 2nd ed. San Diego: Academic Press. (\$199.00)
- Harris, Robert S., ed. 1970. *Feeding and Nutrition of Non-Human Primates*. San Diego: Academic Press.
- Hume, Ian D. 1982. *Digestive Physiology and Nutrition of Marsupials*. New York: Cambridge University Press.
- \* Lint, Kenton C. and Alice M. Lint. 1988. *Feeding Cage Birds: A Manual of Diets for Aviculture*. London: Blandford Press. (\$25.00)
- McDowell, Lee R., ed. 1985. *Nutrition of Grazing Ruminants in Warm Climates*. San Diego: Academic Press. (\$101.00)
- Maynard, Leonard, et al. 1979. *Animal Nutrition*. 7th ed. New York: McGraw-Hill.
- Morrison, Frank B. 1961. *Feeds and Feeding*. 9th ed. Clinton, IA: Morrison. Provides basic information on the feeding and management of farm animals. A classic.
- \* Robbins, Charles T. 1994. *Wildlife Feeding and Nutrition*. 2nd ed. San Diego: Academic Press. (\$59.95) A useful reference on the subject.
- Slansky, Frank, and J.G. Rodriguez, eds. 1987. *Nutritional Ecology of Insects, Mites, Spiders, and Related Invertebrates*. New York: Wiley. (\$149.95)
- \* Stevens, C.E. 1988. *Comparative Physiology of the Vertebrate Digestive System*. New York: Cambridge University Press. (\$29.95 pap)
- Van Soest, P.J. 1994. *Nutritional Ecology of the Ruminant*. 2nd ed. Ithaca, NY: Cornell University Press. (\$65.00)

## **XII. VETERINARY MEDICINE**

Includes husbandry, reproduction, diseases, parasites, and pathology as well as veterinary medicine.

### **A. Veterinary Medicine--General**

- Beynon, P.H. and J. E. Cooper, eds. 1991. *Manual of Exotic Pets*. British Small Animal Veterinary Association/Manson Pub. (\$64.95)
- Brackett, Benjamin G., George E. Seidel, Jr., and Sarah M. Seidel, eds. 1982. *New Technologies in Animal Breeding*. San Diego: Academic Press, 1982.
- Cheville, Norman. 1988. *Introduction to Veterinary Pathology*. Ames, IA: Iowa State University. (\$62.95) Although intended for the beginning student of veterinary pathology, it is also of value to curators and managers in zoos.
- Duncan, J. Robert. 1994. *Veterinary Laboratory Medicine: Clinical Pathology*. 3rd ed. Ames, IA: Iowa State University Press. (\$42.95).
- \* Ettinger, Stephen and Edward C. Feldman. 1994. *Textbook of Veterinary Internal Medicine*. 4th ed. Philadelphia: Saunders.
- Fifth World Conference on Breeding Endangered Species in Captivity*. 1988. Cincinnati, OH: Cincinnati Zoo and Botanical Garden.
- Flecknell, P.A. 1987. *Laboratory of Animal Anesthesia: A Practical Introduction for Research Workers and Technicians*. San Diego: Academic Press. (\$48.00)
- Fowler, Murray E. 1989. *Restraint and Handling of Wild and Domestic Animals*. 2nd ed. Ames, Iowa: Iowa State University Press. (\$82.95)
- \* \_\_\_\_\_, ed. 1986. *Zoo and Wild Animal Medicine*. 2nd ed. Philadelphia: Saunders. (\$129.00) A must for all zoos.
- \* \_\_\_\_\_, ed. 1993. *Zoo and Wild Animal Medicine: Current Therapy 3*. 3rd ed. Philadelphia: Saunders. (\$89.50) Most current and thorough reference source on exotic animal medicine.
- \* Griner, Lynn. 1983. *Pathology of Zoo Animals*. San Diego: Zoological Society of San Diego. (\$25.00)
- Guy, Maxine and Mae Hickman. 1993. *Care of the Wild, Feathered and Furred: Treating and Feeding Injured Birds and Animals*. 20th ed. New York: Kesend. (\$14.95 pap) Nontechnical.
- Hand, Suzanne J., ed. 1990. *Care and Handling of Australian Native Animals*. Chipping Norton, NSW, Australia: Surrey Beatty. (\$120.00)
- Harrison, Richard M., ed. 1980. *Animal Laparoscopy*. Baltimore, MD: Williams & Wilkins.
- \* Harthoorn, Antoine A. 1976. *The Chemical Capture of Animals*. London: Bailliere Tindall. Authoritative text on all aspects of chemical immobilization of exotic animals.
- Hoff, Gerald and John W. Davis, eds. 1982. *Noninfectious Diseases of Wildlife*. Ames: Iowa State University Press. (\$28.95)
- \* Kirk, Robert W. and Stephen I. Bistner. 1990. *Handbook of Veterinary Procedures and Emergency Treatment*. 5th ed. New York: Saunders. (\$53.00)
- \* Klos, Heinz Georg and Ernest M. Lang. 1981. *Handbook of Zoo Medicine*. New York: Van Nostrand Reinhold. Another must for the zoo veterinarian.
- McKenzie, Andrew A., ed. 1993. *The Capture and Care Manual: Capture Care, Accommodation and Transportation of Wild African Animals*. Guernsey, Channel Islands: Wildlife Books. (\$138.00)

- \* Martin, R.D, ed. 1975. *Breeding Endangered Species in Captivity*. San Diego: Academic Press.
- Merck Veterinary Manual*. 1991. 7th ed. Rahway, NJ: Merck & Co. (\$24.00)
- Montali, Richard J. and George Migaki, eds. 1980. *Comparative Pathology of Zoo Animals*. Washington, DC: Smithsonian Institution Press. (\$29.95 pap) A collection of papers on zoo animal disease.
- Morrow, David A., ed. 1986. *Current Therapy in Theriogenology: Diagnosis, Treatment, and Prevention of Reproductive Disease in Small and Large Animals*. 2nd ed. (\$132.50) Reference source on the reproduction condition of animals.
- Nielson, L., J.C. Haigh and M.E. Fowler, eds. 1982. *Chemical Immobilization of North American Wildlife*. Milwaukee: Wisconsin Humane Society. Proceedings of a symposium.
- Paddleford, Robert, ed. 1988. *Manual of Small Animal Anesthesia*. New York: Churchill Livington. (\$52.50)
- Physician's Desk Reference*. Annual. Des Moines, IA: PDR. (\$64.95)
- Schmidt, Robert and Gene Hubbard. 1987. *Atlas of Zoo Animal Pathology*. 2 vols. Boca Raton, FL: CRC Press. (\$365.00 set)
- Schmidt-Nielsen, Knut. 1990. *Animal Physiology: Adaptation and Environment*. 4th ed. New York: Cambridge University Press. (\$44.95)
- Shively, Michael J. 1985. *Veterinary Anatomy: Basic, Comparative and Clinical*. College Station, TX: A & M University Press. (\$35.00 pap)
- Short, Charles, ed. 1987. *Principles and Practices of Veterinary Anesthesia*. Baltimore, MD: Williams and Wilkins.
- \* *Stedman's Medical Dictionary*. 1990. 25th ed. Baltimore, MD: Williams & Wilkins. (\$49.95)
- Swidler, Gerald. 1971. *Handbook of Drug Interactions*. Melbourne, FL: Krieger.
- Veterinary Pharmaceuticals and Biologicals 1987/88*. 1986. 5th ed. Lenexa, KS: Veterinary Med. (\$32.95)
- \* Wallach, Joel and William J. Boever. 1983. *Diseases of Exotic Animals: Medical and Surgical Management*. Philadelphia: Saunders. Authoritative and extensive review of diseases of all living animal groups (mammals, birds, reptiles, etc.)
- \* Young, E., ed. 1975. *Capture and Care of Wild Animals*. Hollywood, FL: Curtis Books. A classic and still useful.

## **B. Veterinary Medicine--Fishes**

- \* Amlacher, Erwin. 1970. *Textbook of Fish Diseases*. Neptune, NJ: T.F.H. Pub.
- Annual Reivew of Fish Diseases*. 1990--. Annual. New York: Pergamon Press. (\$200.00)

- Brown, Lydia, ed. 1993. *Aquaculture for Veterinarians: Fish Husbandry and Medicine*. New York: Elsevier. (\$110.00, \$56.00 pap)
- Bullock, G.L. 1971. *Bacterial Diseases of Fishes*. Neptune, NJ: T.F.H. Pub.
- \* Dulin, Mark P. 1976. *Diseases of Marine Aquarium Fishes*. Neptune, NJ: T.F.H. Pub.
- Elkan, E. 1974. *Color Atlas of the Diseases of Fishes, Amphibians, and Reptiles*. Neptune City, NJ: T.F.H. Pub.
- Ellis, Anthony E., ed. 1985. *Fish and Shellfish Pathology*. San Diego: Academic Press.
- Ferguson, Hugh. W. 1989. *Systemic Pathology of Fish*. Ames, IA: Iowa State University. (\$64.95)
- Gratzek, John B. and Janice R. Matthews, eds. 1992. *The Science of Fish Health Management*. Morris Plains, NJ: Tetra Press.
- Gratzek, John B., et. al. 1992. *Fish Diseases and Water Chemistry*. Morris Plains, NJ: Tetra Press. (\$19.95)
- Hoar, W.S. and D.J. Randall, eds. 1969--. *Fish Physiology*. 13 volumes so far. San Diego: Academic Press. (Price varies with volume.)
- Lom, Jiri, and Iva Dykova. 1992. *Protozoan Parasites of Fishes*. New York: Elsevier.
- \* Post, G.W. 1987. *The Textbook of Fish Health*. Neptune, NJ: T.F.H. Pub. (\$29.95)
- Roberts, Ronald, ed. 1989. *Fish Pathology*. 2nd ed. Philadelphia: Saunders. (\$185.00)
- \* Sindermann, Carl J., ed. 1989. *Principal Diseases of Marine Fish and Shellfish*. 2nd ed. 2 vols. San Diego: Academic Press. (vol 1 \$125.00, vol 2 \$116.00)
- \_\_\_\_\_ and D.V. Lightner, eds. 1988. *Disease Diagnosis and Control in North American Marine Aquaculture*. 2nd ed. New York: Elsevier. (\$102.75)
- \* Stoskopf, Michael K., ed. 1993. *Fish Medicine*. Philadelphia, PA: W.B. Saunders. (\$99.95)
- Thoesen, John C., ed. 1994. *Suggested Procedures for the Detection and Identification of Certain Finfish and Shellfish Pathogens*. 4th ed. Bethesda, MD: Fish Health Section, American Fisheries Society.
- \* Wedemeyer, C.G., et. al. 1970-1976. *Diseases of Fishes*. Book 5: *Environmental Stress and Fish Diseases*. Neptune, NJ: T.H.F. Pub.

### **C. Veterinary Medicine--Amphibians and Reptiles**

- Barnard, Susan M. and Steve J. Upton. 1994. *A Veterinary Guide to the Parasites of Reptiles*. Vol 1, *Protozoa*. Melbourne, FL: Kreiger. (\$26.50)
- Beynon, P.H., ed. 1992. *Manual of Reptiles*. British Small Animal Veterinary Association/Manson Pub. (\$64.95)

- Coborn, John. 1987. *Snakes and Lizards: Their Care and Breeding in Captivity*. Blackburg, VA: Tetra. (\$21.95)
- Cooper, John E., ed. 1981. *Diseases of Reptilia*. 2 vols. New York: Academic Press.
- Elkan, E. 1974. *Color Atlas of the Diseases of Fishes, Amphibians, and Reptiles*. Neptune City, NJ: T.F.H. Pub.
- \* Frye, Fredric L. 1989. *Biomedical and Surgical Aspects of Captive Reptile Husbandry*. 2nd ed. 2 vols. Malabar, FL: Krieger. (\$289.50)
- Frye, Fredric L. and Wendy Townsend. 1992. *Iguanas: A Guide to Their Biology and Captive Care*. Malabar, FL: Krieger. (\$28.50)
- \* Hoff, Gerald, Fredric Frye, and E.R. Jacobson, eds. 1984. *Diseases of Amphibians and Reptiles*. New York: Plenum. (\$135.00)
- Marcus, Leonard C. 1981. *Veterinary Biology and Medicine of Captive Amphibians and Reptiles*. Philadelphia: Lea & Febiger. (\$65.30 pap)
- \* Mattison, Christopher. 1987. *Care of Reptiles and Amphibians in Captivity*. Rev. ed. New York: Sterling. (\$17.95 pap)
- Minton, Sherman and Madge Minton. 1989. *Venomous Reptiles*. Rev.ed. New York: Scribner.
- \* Murphy, J.B. and B.L. Armstrong. 1980. *Reproductive Biology and Diseases of Captive Reptiles*. Oxford, OH: Society for the Study of Amphibians and Reptiles.
- Ross, Richard A. and Gerald Marzec. 1990. *Reproductive Husbandry of Pythons and Boas*. Stanford, CA: Institute for Herpetological Research. (\$75.00)
- Rossi, John. 1992-94. *Snakes of the United States and Canada: Keeping Them Healthy in Captivity*. Vol 1 Eastern Area. Vol 2 Western Area. Malabar, FL: Krieger. (Vol 1 \$49.50)

#### **D. Veterinary Medicine--Birds**

- Brown, A.F. Anderson. 1979. *The Incubation Book*. Hindhead, Surrey: Sur Publications.
- Calnek, B.W., et, al., eds. 1991. *Diseases of Poultry*. 9th ed. Ames, Iowa: Iowa State University Press. (\$14.95)
- Cooper, J.E. and J.T. Eley, eds. 1979. *First Aid and Care of Wild Birds*. North Pomfret, Vermont: Davis & Charles.
- \* Davis, John W., et. al. eds., 1981. *Infectious and Parasitic Diseases of Wild Birds*. 2nd ed. Ames, Iowa, Iowa State University Press.
- Deeming, D. Charles and Mark W.J. Ferguson, eds. 1991. *Egg Incubation: Its Effects on Embryonic Development in Birds and Reptiles*. Cambridge: Cambridge University Press. (\$190.00) Somewhat technical, but good.
- Harrison, Greg J. and Linda R. Harrison. 1986. *Clinical Avian Medicine and Surgery: Including Aviculture*. Philadelphia: Saunders. (\$99.50)

- Leman, A.D., et. al. 1992. *Diseases of Swine*. 7th ed. Ames, IA: Iowa State University Press. (\$114.95)
- \* Low, Rosemary. 1992. *Parrots: Their Care and Breeding*. 3rd ed. New York: Sterling. (\$95.00)
- \* Petrak, Margaret. 1982. *Diseases of Cage and Aviary Birds*. 2nd ed. Philadelphia: Lea & Febiger. (\$160.00).
- Ritchie, Branson W., Greg J. Harrison, and Linda R. Harrison. 1994. *Avian Medicine: Principles and Application*. Lake Worth, FL: Wingers. (\$145.00)
- Shaeffer, Billie C. 1980. *Manual for the Care of Wild Birds*. Smithsonian, NJ: Exposition Press.

### **E. Veterinary Medicine--Mammals**

- Adams, Cyril E., ed. 1982. *Mammalian Egg Transfer*. Baton Rouge, LA: CRC Press. (\$156.00)
- Appel, M.J., ed. 1987. *Virus Infections of Carnivores*. New York: Elsevier. (\$189.75)
- Blowey, R.W. and A.D. Weaver. 1991. *Color Atlas of Diseases and Disorders of Cattle*. Ames, IA: Iowa State University Press. (\$87.95)
- Daniel, Joseph C., ed. 1978. *Methods of Mammalian Reproduction*. San Diego: Academic Press.
- \* Danzig, Toni, ed., 1992. *Biological Values for Selected Mammals*. Topeka, KS: American Association of Zoo Keepers.
- \* Davis, John, et. al., eds. 1981. *Infectious Diseases of Wild Mammals*. 2nd ed. Ames, Iowa: Iowa State University Press. (\$46.95)
- \* Davis, John and Roy Anderson, eds. 1971. *Parasitic Diseases of Wild Mammals*. Ames, Iowa: Iowa State University Press. (\$96.80 pap)
- \* Diersauf, L.A., ed. 1990. *Handbook of Marine Mammal Medicine: Health, Diseases, and Rehabilitation*. Boca Raton, FL: CRC Press. (\$172.95)
- Ettinger, Stephen, ed. 1990. *Textbook of Veterinary Internal Medicine: Diseases of the Dog and Cat*. 3rd ed. 2 vols. Philadelphia: Saunders. (\$185.00 set)
- Fowler, Murray. 1989. *Medicine and Surgery of the South American Camelids: Llama, Alpaca, Vicuna, Guanaco*. Ames, IA: Iowa State University Press. (\$82.95)
- Fox, James, G. ed. 1988. *Biology and Diseases of the Ferret*. Baltimore, MD: Williams & Wilkins. (\$49.50)
- Fraizer, Harmony and Kathleen Hunt. 1994. *Zoo Infant Development Notebook: Mammals*. 2 vols. Topeka, KS: American Association of Zoo Keepers, Inc. (AAZK members \$125.00, nonmembers \$150.00).
- Graham, Charles, ed. 1981. *Reproductive Biology of the Great Apes: Comparative and Biomedical Perspectives*. San Diego: Academic Press. A review of all aspects of great ape reproduction geared to management of captive breeding.

- Graham, C.E., et. al., eds. 1985. *Clinical Management of Infant Great Apes*. New York: Wiley. (\$48.00)
- Harkness, John E. and John Wagner. 1989. *The Biology and Medicine of Rabbits and Rodents*. 2nd ed. Baltimore, MD: Williams & Wilkins. (\$28.50 pap)
- Holzworth, Jean. 1986. *The Diseases of the Cat: Medicine and Surgery*. Vol 1. Philadelphia: Saunders. (\$115.00)
- Howard, Edwin B., ed. 1983. *Pathobiology of Marine Mammal Diseases*. 2 vols. Boca Raton, FL: CRC Press. (\$168.00 each)
- McEntee, Kenneth. 1990. *Reproductive Pathology of Domestic Mammals*. San Diego: Academic Press. (\$116.00)
- \* Mikota, Susan, Eva Lee Sargent, and G.S. Ranglack. 1994. *Medical Management of the Elephant*. West Bloomfield, MI: Indira Pub.
- Pedersen, Niels C. 1988. *Feline Infectious Diseases*. Coleta, CA: American Veterinary Pub. (\$37.50)
- Ridgway, Sam H., ed. 1972. *Mammals of the Sea: Biology and Medicine*. Springfield, IL: C.C. Thomas.
- Schwartz, H.J. and M. Dioli, eds. 1992. *One-humped Camel in Eastern Africa: A Pictorial Guide to Diseases, Health Care, and Management*. Germany: Verlag Josef Margraf.
- Smith, W.J., D.J. Taylor, and R.H. Penny. 1990. *Color Atlas of Diseases and Disorders of the Pig*. Ames, IA: Iowa State University Press. (\$87.95)
- Watson, P.F., ed. 1978. *Artificial Breeding of Non-Domestic Animals*. San Diego: Academic Press. (\$137.00) Proceedings of a symposium.
- Wells, Susan K., et. al. 1990. *Medical Management of the Orangutan*. New Orleans, LA: Audubon Insitute. (\$20.00)

### **XIII. AQUACULTURE**

- Adey, Walter H. and Karen Loveland. 1991. *Dynamic Aquaria: Building Living Ecosystems*. San Diego: Academic Press. (\$49.95)
- Atema, Jelle, et.al., eds. 1987. *Sensory Biology of Aquatic Animals*. New York: Springer-Verlag. (\$239.00)
- \* Bannister, Keith Edward and Andrew Campbell, eds. 1985. *The Encyclopedia of Aquatic Life*. New York: Facts on File, 1985. (\$45.00)
- Bascom, Willard. 1980. *Waves and Beaches: The Dynamics of the Ocean Surface*. Rev. ed. New York: Doubleday.
- \* Bidwell, Joseph P. and Stephen Spotte. 1985. *Artificial Seawaters; Formulas and Methods*. Boston: Jones & Bartlett. (\$100 casebound)
- \* Bower, Carol E. 1983. *The Basic Marine Aquarium: A Simplified Modern Approach to the Care of Saltwater Fishes*. Springfield, IL: Charles C. Thomas. (\$29.75 pap)

- Coulombe, Deborah A. 1984. *The Seaside Naturalist: A Guide to Nature at the Seashore*. Englewood Cliffs, NJ: Prentice-Hall, 1984.
- Dakin, Nick. 1993. *The Macmillan Book of the Marine Aquarium: A Definitive Reference to More than 300 Marine Fish and Invertebrate Species and How to Establish and Maintain a Reef Aquarium*. New York: Macmillan. (\$75.00)
- Emmens, Cliff W. 1989. *The Marine Aquarium in Theory and Practice*. Rev. ed. Neptune, NJ: T.F.H. Pub. (\$19.95)
- Friese, U. Erich. 1973. *Marine Invertebrates in the Home Aquarium*. Neptune City, NJ: T.F.H. Pub.
- \* Hawkins, A.D., ed. 1981. *Aquarium Systems*. New York: Academic Press.
- Horsman, Paul V. 1986. *Seawatch--The Seafarer's Guide to Marine Life*. New York: Facts on File.
- Lobban, Christopher S. and Michael J. Wynne, eds. 1982. *The Biology of Seaweeds*. Berkeley: University of California Press. (\$100.00)
- Lobban, Christopher S., et. al. 1985. *The Physiological Ecology of Seaweeds*. New York: Cambridge University Press.
- \* Nybakken, James W. 1989. *Marine Biology: An Ecological Approach*. 2nd ed. New York: HarperCollins College. (\$43.00)
- O'Connell, R.F. 1971. *The Freshwater Aquarium*. St. Petersburg, FL: The Great Outdoors Pub. Co.
- Presscott, Gerald W. 1969. *How to Know the Aquatic Plants*. Dubuque, IA: Brown.
- \_\_\_\_\_. 1978. *How to Know Freshwater Algae*. 3rd ed. Dubuque, IA: Brown.
- Rataj, Karel and Thomas J. Horeman. 1977. *Aquarium Plants: Their Identification, Cultivation and Ecology*. Neptune City, NJ: T.F.H. Pub.
- Seaman, William and Lucian M. Sprague, eds. 1991. *Artificial Habitats for Marine and Freshwater Fisheries*. San Diego: Academic Press. (\$49.95)
- \* Spotte, Stephen. 1979. *Fish and Invertebrate Culture: Water Management in Closed Systems*. 2nd ed. New York: Wiley. (\$37.95)
- \_\_\_\_\_. 1979. *Seawater Aquariums: The Captive Environment*. New York: Wiley. (\$72.95)
- \_\_\_\_\_. 1991. *Captive Seawater Fishes: Science and Technology*. New York: Wiley. (\$97.95)
- \_\_\_\_\_. 1993. *Marine Aquarium Keeping: The Science, Animals and Art*. 2nd ed. New York: Wiley. (\$19.95 pap)
- Sterba, Gunther, ed. 1983. *The Aquarium Encyclopedia*. Cambridge, MA: MIT Press. (\$45.00)
- Strickland, J.D.H. 1977. *A Practical Handbook of Seawater Analysis*. 2nd ed. Ottawa: Fisheries Research Board of Canada.
- Sumich, James L., et.al. 1992. *An Introduction to the Biology of Marine Life*. 5th ed. Dubuque, IA: Brown.



Wilkins, Peter. 1973. *The Saltwater Aquarium for Tropical Marine Invertebrates*. 2nd ed. Suppertal-Elberfeld (Germany): Engelbert Pfriem.

#### **XIV. PERIODICALS**

##### **A. Periodicals-General**

\* *AZA Annual Conference Proceedings and AZA Regional Conference Proceedings* (Formerly *AAZPA Annual Conference Proceedings and AAZPA Regional Conference Proceedings*). Annual. Wheeling, WV: American Zoo and Aquarium Association.

\* *AZA Annual Report on Conservation and Science*. (Formerly *AAZPA Annual Report on Conservation and Science*). 1991. Annual. Bethesda, MD: American Zoo and Aquarium Association.

\* *AZA Communique*. (Previous titles: *AAZPA Communique* and *AAZPA Newsletter*). 1960. Monthly. Wheeling, WV: American Zoo and Aquarium Association. With membership.

*African Journal of Ecology*. (Formerly *East African Wildlife Journal*.) 1963. Quarterly. Oxford, England: Blackwell. (\$257.00) Original and research papers, reviews and brief communications on plant and animal ecology of Africa.

*African Wildlife*. 1946. Bimonthly. Parktown, South Africa: Wildlife Society of Southern Africa. Text in Afrikaans and English. Contains articles about southern African wildlife, conservation efforts, reserves, and so forth.

*American Naturalist*. 1867. Monthly. Chicago: University of Chicago Press. (\$63.00 individuals, \$198 institution). Publishes research articles on broad biological principles.

*Animal Behaviour*. 1953. Monthly. London: Academic Press Ltd. (\$595.00) Original and research papers, short communications, and book reviews for biologists and veterinarians.

\* *Animal Keepers' Forum*. 1974. Monthly. Topeka, KS: American Association of Zookeepers. Comes with membership. (\$20.00 established libraries)

*Animal Welfare*. 1992. Quarterly. Potters Barn, Herts, UK: Universities Federation for Animal Welfare. (\$100.00)

*Animal Welfare Institute Quarterly*. 1951. Quarterly. Washington, DC: Animal Welfare Institute. (\$25.00, free to qualified personnel)

*Anthrozoos*. 1987. Quarterly. Renton, WA: Delta Society. (\$40.00). Articles focus on the interactions of people, animals and nature.

*Applied Animal Behaviour Science*. 1975. 12/year. Amsterdam: Elsevier. (\$856.00)

\* *Audubon Magazine*. 1899. Bimonthly. New York: National Audubon Society. (\$20.00) Popular journal

*Australian Journal of Zoology*. 1953. Bimonthly. East Melbourne, Victoria: Australian Wildlife Research. (\$195.00) Contains original scientific research in all branches of zoology.

- Behavioral Ecology*. 1990. Quarterly. New York: International Society for Behavioral Ecology. (\$46.00 individuals, \$153 institutions)
- Behavioral Ecology and Sociobiology*. 1976. 12/yr. New York: Springer-Verlag. (\$1,125.00)
- Behaviour*. 1950. Bimonthly. Brill: The Netherlands. (\$276.00)
- Biodiversity and Conservation*. 1992. 9/yr. London: Chapman and Hall. (\$375.00)
- Biological Conservation*. 1968. 12/yr. Oxford, UK: Elsevier. (\$830.00) Papers on the preservation of wildlife and the conservation or use of biological and related natural resources.
- Bioscience*. 1951. Monthly. Washington, DC: American Institute of Biological Science. (\$52.00 members, \$125.00 institutions)
- \* *CBSG News*. 1990. Quarterly. Apple Valley, MN: Captive Breeding Specialist Group, Species Survival Commission, World Conservation Union. (free)
- CITES/Conservation and Management*. 1994. Quarterly. Buenos Aires: Fundacion C & M. (\$51.00)
- Canadian Journal of Zoology*. 1929. Monthly. Ottawa, Ontario: National Research Council of Canada. (\$151.00 individuals, \$368 institutions)
- \* *Conservation Biology*. 1987. Quarterly. Boston, MA: Blackwell Science. (\$120.00 individuals, \$210 institutions)
- \* *Dodo*. 1964. Annual. Jersey, Channel Islands: Jersey Wildlife Preservation Trust.
- Ecology*. 1920. Bimonthly. Lawrence, KS: Allen Press. (\$130.00 individuals, \$210.00 institutions) Discusses all forms of life related to environments.
- \* *Endangered Species Update*. 1983. 10/yr. Ann Arbor, MI: University of Michigan, School of Natural Resources. (\$23.00) A newsletter containing issues about the protection of wild species. Also includes a reprint of the latest USFWS *Endangered Species Technical Bulletin*.
- Environmental Conservation*. 1974. Quarterly. Lausanne, Switzerland: Elsevier. (\$197.00) A scientific journal devoted to global survival.
- Ethology*. 1937. (formerly *Zeitschrift fuer Tierpsychologie*). 16/yr. Berlin, Germany: Verlag Paul Parey. (\$696.00)
- Focus*. Bimonthly. Washington, DC: World Wildlife Fund. In newspaper format this publication prints articles on current conservation topics around the world.
- \* *International Wildlife*. 1971. Bimonthly. Washington, D.C.: National Wildlife Federation. (\$22.00) Popular.
- International Zoo Educators Journal*. 1977. International Association of Zoo Educators.
- \* *International Zoo News*. 1953. Monthly. West Sussex, England: Zoo-Centrum. (\$55.00) News for and about zoos of the world.
- IUCN Bulletin*. 1961. Quarterly. Morges, Switzerland: International Union for Conservation of Nature and Natural Resources. (\$55.00)

*Journal of the Bombay Natural History Society.* 1886. 3/year. Bombay, India: Bombay Natural History Society. (\$50.00)

*Journal of Wildlife Management.* 1937. Quarterly. Bethesda, MD: Wildlife Society. (\$110.00) Includes subscription to *Wildlife Monographs and Wildlife Society Bulletin*. Original articles, discussions and reviews on wildlife research, management and administration.

*Journal of Zoology.* 1830. Monthly. Oxford, England: Oxford University Press. (\$795.00)

*Koedoe.* 1958. 2/yr. Semiannual. Pretoria: National Parks Board of Trustees. Scientific research undertaken by and on behalf of the National Parks Board in the Republic of South Africa with emphasis on zoology, botany and veterinary science.

\* *Library News for Zoos and Aquariums.* 1983. AZA Librarians Special Interest Group. Indianapolis, IN: Indianapolis Zoo. Suzanne Braun, editor. (Free)

*Malayan Nature Journal.* 1940. Quarterly. Kuala Lumpur, Malaysia: Malayan Nature Society. Publishes original articles on the natural history, biology and conservation of Malaysia and surrounding region.

*National Geographic.* 1888. Monthly. Washington, DC: National Geographic Society. (\$24.00) Each month there is a nice review article on wildlife. Color photos are useful for zoo graphic and education personnel.

\* *National Wildlife.* 1900. Bimonthly. New York: American Museum of Natural History. (\$22.00) Popular publication.

\* *Natural History.* 1900. Monthly. New York: American Museum of Natural History. (\$28.00) Popular publication.

*Nature.* 1869. Weekly. Neptune, NJ: Macmillan. (\$135.00 individuals, \$425 institutions) Each issue consists of a leading editorial, original papers, obituaries, news and views, letters to the editor, research items and announcements of meetings. There are also book reviews, literature citations and book lists.

*Nature Conservancy Magazine.* 1951. Bimonthly. Arlington, VA: Nature Conservancy. (\$55.00)

\* *Oryx.* 1903. Quarterly. Oxford, England: Blackwell. (\$135.00) Journal of the Fauna and Flora Preservation Society which is concerned with saving wildlife. Includes editorials, news, brief updates, and good book reviews as well as original articles.

*Primate Conservation.* 1981. Gland, Switzerland: IUCN/SSC Primate Specialist Group. (\$15.00)

*Ratel.* 1973. 6/yr. Bristol, UK: Association of British Wild Animal Keepers. (\$23.10) With membership.

\* *Science.* 1880. Weekly. Washington, DC: American Association for the Advancement of Science. (\$97.00 individuals, \$228.00 institutions)

*Scientific American.* 1845. Monthly. New York: Scientific American, Inc. (\$36.00)

*Smithsonian.* 1970. Monthly. Washington, DC: Smithsonian Institution. (\$22.00)

*South African Journal of Wildlife Research.* 1971. Quarterly. Pretoria, South Africa: Bureau for Scientific Publications. (\$23.38) Scholarly articles.

- South African Journal of Zoology*. 1965. Quarterly. Republic of South Africa: Zoological Society of Southern Africa. (\$23.38)
- \* *Species*. 1983. 2/yr. Gland, Switzerland: World Conservation Union. (\$18.00) Newsletter of the Species Survival Commission, International Union for Conservation of Nature and Natural Resources (IUCN).
- Swara*. 1978. Bimonthly. Nairobi, Kenya: East African Wildlife Society. (\$38.00)
- Thylacinus*. 1975. Quarterly. Australia Society of Zoo Keepers, P.O. Box 74, Parkville, Victoria 3052. (\$45.00)
- Tigerpaper*. 1974. Quarterly. Bangkok, Thailand: Food and Agriculture Organization of the United Nations (FAO). (\$12.00) A publication that focuses on wildlife and national parks management for the Asia-Pacific region.
- TRAFFIC Bulletin*. Quarterly. Washington, DC: TRAFFIC/WWF/IUCN. Free to institutions involved in conservation. Contains articles and information on the subject of trade in wild animals and plants.
- Trends in Ecology and Evolution*. 1986. Monthly. Cambridge: Elsevier Trends Journals. (\$110.00 individuals, \$490.00 libraries) Contains short articles, reviews, letters, and news of special interest in the areas of ecology and evolution.
- \* *Wildlife Conservation*. (formerly *Animal Kingdom*). 1897. Bimonthly. Bronx, NY: New York Zoological Society. (\$17.95)
- Wildlife Monographs*. See *Journal of Wildlife Management*.
- Wildlife Research*. 1974. Bimonthly. (Formerly *Australian Wildlife Research*). East Melbourne, Victoria: Australia Wildlife Research. (\$195.00) Original scientific research in the biology and management of native or feral introduced vertebrates.
- Wildlife Society Bulletin*. See *Journal of Wildlife Management*.
- \* *Zoo Biology*. 1982. Bimonthly. New York: Alan Liss. (\$75.00 individuals, \$478.00 institutions) Published in affiliation with the American Zoo and Aquarium Association. Concerned with the exhibition and maintenance of wild animals in animal parks, zoos and aquariums.
- \* *Zoogoeer*. 1972. Bimonthly. Washington, DC: Friends of the National Zoo. (\$12.00)
- Zoologische Garten*. 1929. Bimonthly. Jena: G. Fischer. (\$113.00) Text in English, French, German and Russian; summaries in English. A scholarly publication with articles concerned with the keeping of animals in zoos. Communication and news from zoos also included.
- \* *ZooNooz*. 1926. Monthly. San Diego: Zoological Society of San Diego. (\$15.00)

## **B. Periodicals--Horticulture**

- American Horticulturist*. 1922. Bimonthly. Alexandria, VA: American Horticultural Society. (With membership in AHS).

*American Nurseryman*. 1904. Bimonthly. Chicago: American Nurseryman Publishing Company. (\$45.00)

\* *Association of Zoological Horticulture Newsletter*. Quarterly. Columbus, OH: Association of Zoological Horticulture. (With membership).

*Horticulture*. 1904. Monthly. Boston: Horticulture Limited Partnership. (\$26.00)  
Covers gardening and gardening techniques. Popular format.

*Journal of Arboriculture*. 1975. Bimonthly. Savoy, IL: International Society of Arboriculture. (\$70.00) Contains refereed articles on the science and art of growing and maintaining trees.

\* *Public Garden*. 1950. Quarterly. Swarthmore, PA: American Association of Botanical Gardens and Arboreta, Inc. (\$24.00) Issues for the public horticulturist.

### **C. Periodicals--Aquariums**

*Aquaculture Magazine*. 1969. Bimonthly. Ashville, NC: Achill Rover Corp. (\$17.00)

*Aquarium Fish Magazine*. 1988. Monthly. Irvine, CA: Fancy Publications. (\$24.97)

*Aquarium Frontiers*. Quarterly. Miami Beach, FL: Aquarium Frontiers Quarterly Journal. (\$55.00)

*Freshwater and Marine Aquarium*. 1978. Monthly. Sierra Madre, CA: R/C Modeler Corp. (\$22.00)

*Journal of Aquaculture and Aquatic Sciences*. 1982. Irregular. Parkville, MO: The Written Word. (\$68.75 individuals, \$137.50 libraries)

\* *Marine Fish Monthly*. 1986. Monthly. Lutrell, TN: Publishing Concepts Corp. (\$20.00)

*Ocean Yearbook*. 1979. Annual. Chicago: University of Chicago Press Journals Division. (Price varies with each volume; v. 10, 1993 available \$64.95)

\* *Oceanus*. 1952. Quarterly. Syracuse, NY: Woods Hole Oceanographic Institution. (\$25.00 individuals, \$80.00 institutions)

*Pacific Discovery*. 1948. Quarterly. San Francisco: California Academy of Science. (\$13.00) A journal of nature and culture in the Pacific world.

*Sea Frontiers*. 1954. Bimonthly. Miami, FL: International Oceanographic Foundation. (\$24.00)

\* *Sea Technology*. 1960. Monthly. Arlington, VA: Compass. (\$25.00) A journal for design engineering and application of equipment and services for the marine environment.

\* *Tropical Fish Hobbyist*. 1952. Monthly. Neptune City, NJ: Tropical Fish Hobbyist. (\$30.00)

*Undercurrent*. 1975. Monthly. Broadway, NY: Atcom. (\$58.00)

#### D. Periodicals--Fishes

- Aquatic Conservation: Marine and Freshwater Ecosystems*. 1991. Quarterly. Chichester, West Sussex, UK: John Wiley & Sons. (\$195.00)
- Bulletin of Marine Science*. 1951. Bimonthly. Miami, FL: Rosensteil School of Marine and Atmospheric Science of the University of Miami. (\$70.00 individuals, \$175.00 institutions, \$35.00 students)
- \* *Copeia*. 1913. Quarterly. Lawrence, KS: Allen Press. (\$50.00 to members, \$90.00 to institutions) Technical journal of cold-blooded vertebrates. Contains original papers, notes, reviews and comments, editorial notes and news.
- Environmental Biology of Fishes*. 1976. Monthly. Norwell, MA: Kluwer Academic Publishers. (\$867.00)
- Fisheries*. 1976. Monthly. Bethesda, MD: American Fisheries Society. (\$66.50)
- Fishery Bulletin*. 1881. Quarterly. Seattle, WA: US National Marine Fisheries Services. (\$27.00)
- Journal of Fish Biology*. 1969. Monthly. London, UK: Academic Press. (\$790.00)
- Ocean Realm*. Bimonthly. San Antonio, TX: Friends of the Sea. (\$29.95)
- Progressive-Fish Culturist*. 1938. Quarterly. Washington, DC: US Fish and Wildlife Service. (\$25.00 individuals, \$400.00 libraries) For fishery biologists and fish culturists.
- Transactions of the American Fisheries Society*. 1870. Bimonthly. Bethesda, MD: American Fisheries Society, (\$30.00 individuals, \$400.00 libraries)

#### E. Periodicals--Amphibians and Reptiles

- Amphibia-Reptilia*. 1980. Quarterly. The Netherlands: E.J. Brill. (\$91.50) A multi-disciplinary journal devoted to all aspects of herpetology.
- Chelonian Conservation and Biology: Journal of the IUCN/SSC Tortoise and Freshwater Turtle Specialist Group and International Bulletin of Chelonian Research*. 1994. 2/yr. Lunenburg, MA: Chelonian Research Foundation. 2 years per volumes. (\$50 per volume)
- Herpetologica*. 1936. Quarterly. Lafayette, LA: University of Southwestern Louisiana. (\$30.00 individuals, \$70.00 institutions) Contains technical articles on herpetology.
- \* *Herpetological Journal* (formerly the *British Journal of Herpetology*). 2/year. London: British Herpetological Society. (\$66.00) Publishes original research.
- Herpetological Review*. 1967. Quarterly. Hays, KS: Society for the Study of Amphibians and Reptiles. (\$35.00 individuals, \$60.00 institutions) Publishes semi- and non-technical articles and notes in the field of herpetology.
- \* *Journal of Herpetology*. 1967. Quarterly. Athens, OH: Ohio University, Society for the Study of Amphibians and Reptiles. (\$35.00 individuals, \$60.00 institutions) A scientific journal which publishes research related to reptiles and amphibians.

*Vivarium*. 1990. Bimonthly. Escondido: American Federation of Herpetoculturists. (\$26.00)

## **F. Periodicals--Birds**

*AFA Watchbird*. 1974. Bimonthly. American Federation of Aviculture. (\$24.00). Contains articles on husbandry, care, and management of exotic birds.

\* *Auk*. 1884. Quarterly. Washington, DC: American Ornithologists Union. (\$70.00 institutions) A professional technical journal for ornithologists. Contains original research, news, notes and recent literature.

\* *Avicultural Magazine*. 1894. Quarterly. England: Avicultural Society. (\$32.25)

*Bird Breeder*. 1928. Monthly. Irvine: Fancy Publications. (\$30.00) Former title: *American Cage-Bird Magazine*.

*Bird Conservation International*. 1991. Quarterly. Cambridge: Cambridge University Press for Bird Life International. (\$109.00)

\* *Condor*. 1899. Quarterly. Los Angeles, CA: Cooper Ornithological Society. (\$60.00 institutions) Publishes research in avian biology.

*Emu*. 1901. Quarterly. Victoria, Australia: Royal Australasian Ornithologists Union. (\$92.00 institutions) Articles focus on the preservation and protection of native birds of the Australasian and Antarctic regions.

*Game Bird Breeders, and Conservationists' Gazette*. 8/yr. Salt Lake City, UT: The Gazette. (\$22.00) News, short articles, and advertisements are published in this journal for the commercial aviculturalist.

*Ibis*. Quarterly. 1859. Lawrence, KS: Allen Press. (British Ornithologists Union). (\$180.00) Original scientific papers covering the field of ornithology.

*Journal of Field Ornithology*. 1930. Quarterly. Ithaca: Association of Field Ornithologists. (\$45.00)

*Living Bird*. 1962. Quarterly. Ithaca, NY: Cornell Laboratory of Ornithology.

*Ostrich*. 1930. Quarterly. Johannesburg, S. Africa: Southern African Ornithology Society. (\$45.00 individuals, \$50.00 institutions)

\* *Wildfowl*. 1948. Annual. Slimbridge, UK: Wildfowl and Wetlands Trust. (\$27.10)

\* *Wilson Bulletin*. 1889. Quarterly. Wilson Ornithological Society (Rock Hill: SC: Winthrop College). (\$40.00) A technical journal for the professional ornithologist.

## **G. Periodicals--Mammals**

*American Journal of Primatology*. 1981. 8/yr. New York: Alan Liss. (\$1,032.00)

*Folia Primatologica*. 1963. 8/yr. Basel, Switzerland: S. Karger. (\$370.00 institutions) (Text in English, French and German).

*International Journal of Primatology*. 1980. Bimonthly. New York: Plenum Press. (\$325.00 institutions)

\* *Journal of Mammalogy*. 1919. Quarterly. Provo, UT: Brigham Young University Press. (\$45.00) Includes technical papers, notes, reviews and lists of recent literature.

*Mammalia*. Quarterly. Paris, France: Museum National D'Histoire Naturelle. (\$156.25.) Text in English and French. Articles are on the morphology, biology and systematics of mammals.

\* *Mammalian Species*. 1969. Irregular. Provo, UT: American Society of Mammalogists. (\$15.00) Species accounts include such information as general characteristics, fossil records, form, reproduction, ecology, behavior, remarks, and cited literature.

\* *Marine Mammal News*. 1975. Monthly. Washington: Nautilus Press. (\$67.50) Newsletter containing up-to-date information on legislation and regulations.

*Marine Mammal Science*. 1985. Quarterly. Lawrence, KS: Allen Press. (\$100.00)

*Primates*. 1957. Quarterly. Japan: Japan Monkey Centre. (\$249.00) Text in English, French, or German.

## **H. Periodicals--Veterinary Medicine and Nutrition**

\* *American Association of Zoo Veterinarians Annual Conference Proceedings*. Lawrence, KS: AAZV. With membership.

*American Journal of Veterinary Research*. 1940. Monthly. Schaumburg, IL: American Veterinary Medical Association. (\$150.00)

*Avian Diseases*. 1957. Quarterly. University of Penn., Kennett Square, PA: American Association of Avian Pathologists. (\$100.00)

*Compendium on Continuing Education for the Practicing Veterinarian*. 1979. Monthly. Trenton, NJ: Veterinary Learning Systems. (\$65.00 individuals, \$75.00 libraries)

*Diseases of Aquatic Organisms*. 1985. 6/yr. Amelinghausen, Republic of Germany: Inter-Research. Contains research articles, reviews and notes on diseases of animals, plants, and microorganisms in marine, limnetic, and brackish habitats.

*Fish Pathology*. 1966. Quarterly. Toyoko: Japanese Society of Fish Pathology. Text in Japanese and English. Contains research articles, short communications and reviews on diseases of fish and shellfishes.

*Journal of Comparative Pathology*. 1888. Bimonthly. San Diego: Academic Press. (\$376.00) Publishes scientific articles and reviews relevant to diseases of domesticated and other vertebrate animals.

*Journal of Fish Diseases*. 1978. Osney Mead, Oxford, UK: Blackwell Science Ltd. (\$504.00)



- Journal of Infectious Diseases*. 1904. Monthly. Chicago: University of Chicago Press. (\$89.00 individual, \$205.00 institution) Official publication of the Infectious Diseases Society of America.
- Journal of Medical Primatology*. Bimonthly. New York: Alan R. Liss. (\$355.00) This journal publishes original papers on medical conditions of apes and monkeys with emphasis on captive animals.
- Journal of Nutrition*. 1928. Monthly. Bethesda, MD: American Institute of Nutrition. (\$185.00) Includes papers on original research in the field of nutrition and occasional reviews of literature in the field.
- Journal of Reproduction and Fertility*. 1960. Bimonthly. Cambridge, England: Blackwell. (\$350.00) Publishes new papers on the molecular biology, biochemistry and physiology of reproduction.
- \* *Journal of the American Veterinary Medical Association*. 1877. Semimonthly. Schaumburg, IL: American Veterinary Medical Association. (\$50.00 members, \$100.00 nonmembers) Professional veterinary medical journal. Each issue includes original papers, clinical data, abstracts of current literature, and news.
- Journal of Veterinary Internal Medicine*. 1987. Quarterly. Lippincott. (\$49.00 individuals, \$69.00 institutions)
- \* *Journal of Wildlife Diseases*. 1965. Quarterly. Ames, IA: Wildlife Disease Association. (\$48.00 individuals, \$84.00 institutions) Original research on diseases of free-ranging and captive wild animals including fish.
- \* *Journal of Zoo & Wildlife Animal Medicine*. 1970. Quarterly. Philadelphia, PA: American Association of Zoo Veterinarians. (\$125.00 libraries) Contains articles on veterinary medicine of captive and free-living wild animals.
- Seminars in Avian and Exotic Pet Medicine*. 1992. Quarterly. Philadelphia, PA: W.B. Saunders. (\$72.00 individuals, \$94.00 institutions)
- Veterinary Clinics of North America/Small Animal Practice*. 1971. 6/yr. Philadelphia: Saunders. (\$88.00 individuals, \$105.00 institutions)
- \* *Veterinary Medicine*. 1905. Monthly. (Formerly *Veterinary Medicine/Small Animal Clinician*). Lexington KS: Veterinary Medicine Publication. (\$49.00)
- Veterinary Pathology*. 1964. Bimonthly. Baltimore, MD: Waverly Press. (\$70.00) Official publication of the American College of Veterinary Pathologists.
- Veterinary Record*. 1888. Weekly. (Comes with *In Practice*). London: British Veterinary Association. (\$285.00)
- Veterinary Technician*. 1980. 11/yr. Trenton, NJ: Veterinary Learning Systems. (\$35.00). Semi-technical for the veterinary staff.

## **XV. INDEXES AND ABSTRACTS**

### **A. Indexes and Abstracts--Paperbound**

Many of the following indexes and abstracts can also be found on *DIALOG* databases and CD-ROMs. (See next section).

- Animal Behavior Abstracts*. 1972. Quarterly. Bethesda, MD: Association for the Study of Animal Behavior. (\$515.00) Also available online (*DIALOG* file 76). CD-ROM edition.
- Biological Abstracts*. 1927. Semi-Monthly. Philadelphia: BIOSIS. (\$5,650.00). Also available online (*DIALOG* file 5). CD-ROM edition.
- Current Contents: Agriculture, Biology & Environmental Sciences*. 1970. Weekly. Philadelphia: Institute for Scientific Information. (\$442.00) Also available on diskette with abstracts (\$852). CD-ROM version (\$1,995). Contains table of contents to journals covering biology, biotechnology, and applied microbiology. Expensive but important in keeping current.
- Current Contents: Life Sciences*. 1958. Weekly. Philadelphia Institute for Scientific Information. (\$442.00) Also available on diskette (\$575.00) with abstracts (\$965.00). CD-ROM version (\$2,495) Contains table of contents of journals covering chemistry, physiology, clinical medicine, molecular biology, genetics, etc.
- Current Primate References*. 1964. Monthly. Seattle, WA: Primate Information Center. (\$50.00 individuals, \$60.00 institutions) Abstracts scholarly publications concerned with non-human primates. Arranged by subject.
- Fisheries Review*. 1955. Quarterly. Fort Collins: U.S. Fish and Wildlife Service. (\$14.00) Also available in cumulative CD-ROM format as *Fisheries Worldwide* (see CD-ROM section). Abstract service for fishery research and management.
- Index Veterinarius*. 1933. Monthly. Slough, UK: Commonwealth Agricultural Bureaux. (\$918.00) Available online (*DIALOG* file 50). Found in *VETCD* CD-ROM (see CD-ROM section). Subject and author index of literature on veterinary science.
- Key-Word-Index of Wildlife Research*. 1974. Annual. Zurich: Swiss Wildlife Information Service. (\$51.00)
- National Geographic One Hundred Year Index: Cumulative 1888-1988*. 1989. Washington, DC: National Geographic Society.
- Nutrition Abstracts and Reviews. Series B. Livestock Feeds and Feedings*. 1977. Monthly. England: Commonwealth Agricultural Bureaux. (\$543.00) Also available online (*DIALOG* file 50).
- Veterinary Bulletin*. 1931. Monthly. England: Commonwealth Agricultural Bureaux. (\$510.00) Available online (*DIALOG* file 50). Contained in *VETCD* CD-ROM (see CD-ROM section). Presents abstracts of core veterinary medical journals.
- Wildlife Disease Review*. 1983. Monthly. Ft. Collins, CO: Wildlife Laboratories. (\$225.00)
- Wildlife Review*. 1935. Bimonthly. Fort Collins, CO: U.S. Fish and Wildlife Service. (\$30.00). Now available in cumulative CD-ROM format as *Wildlife Worldwide* (see CD-ROM section). Indexing and abstracting service for wildlife management.
- Zoological Record*. 1864. London: Zoological Society of London. 27 separate sections of individual titles. Vols 1-92 (1964-1955) available on 35 mm positive microfilm (37 reels) from Johnson Reprint Company. Vols 93-date (1965-date) available in paperback from Xerox University of Microfilms. Write to: BioSciences Information Science, 2100 Arch St. Philadelphia, PA 19103-1399. (\$2,550.00) Also available online (*DIALOG* file 185). CD-ROM edition (see CD-ROM section).

## **B. Indexes and Abstracts--Electronic**

### **1. Indexes and Abstracts--Electronic--Internet Databases**

*Internet*--accessible Online Public Access Catalogs (OPACS) and other information systems.

Access to Online Public Access Catalogs (OPACS) via the *Internet* provides zoo and aquarium librarians with a new method for inexpensively locating bibliographic records and searching databases by author, title, subject and keyword. Some *Internet* accessible OPACS are particularly rich in natural history and conservation related references. Only a computer, modem, communications software and telephone line are needed to access most *Internet*-connected systems. Several systems are listed here as examples in a widely growing field. Many *Internet* access providers include library catalogs as a menu category on their systems. If your local college, university, or museum library catalog is available on the Internet, or via direct dialup, you should become familiar with it.

*Library of Congress Information System (LOCIS)*. Available directly via Telnet to LOCIS.LOC.GOV or 140.147.254.3. Also accessible via Hytelnet and many gopher systems. In addition to bibliographic records, LOCIS includes copyright records and serials files and organization files.

*Smithsonian Libraries Information System (SIRIS)*. Accessible by Telnet to SIRIS.SI.EDU. or 160.111.4.22. No logon or password is required. Use the 3270 flavor of Telnet if it is available to you. Includes holdings of the National Zoological Park Branch of the Smithsonian Institution Libraries and also the archival records of the National Zoological Park.

*Florida State University System*. Accessible by Telnet to LUIS.NERDC.UFL.EDU or 128.227.212.14. Login as: luis. Includes catalog of the University of Florida in Gainesville; rich in conservation and natural history related titles.

*University of California Melvyl System*. Telenet to 132.239.50.16 which is the University of California San Diego Infopath site. Access is to the entire University of California library catalog. The Marc format which is a display option is great for people who do their own cataloging.

*University of Wisconsin - Madison*. Telenet to LEGO.ADP.WISC.EDU or 144.92.104.51. No login required. Includes the holdings at the library of Wisconsin Regional Primate Research Center.

*Uncover*. Telnet to CSI.CARL.ORG or 192.54.81.18. Also listed on many gophers and menu systems. Although the Carl Corporations' Uncover database serves as part of a document delivery service, special accounts are not required to purchase document delivery or search the database. The database includes table of contents information from thousands of journals. There is no charge for searching; you pay only your normal connect time fee (if any) for *Internet* access. The Uncover database is not as complete as many commercial databases, but it is often enough to answer a question or identify a reference at much less expense than a search in commercial databases.

### **2. Indexes and Abstracts--Electronic--OCLC Database**

\* OCLC (Ohio College Library Center). OCLC Online Computer Library Center, Inc., 6565 Frantz Road, Dublin, OH 43017; (614) 764-6000. Online international library information network listing books, serials, conferences, etc. Invaluable for reference searching by author, title, and keyword.

### 3. Indexes and Abstracts--Electronic--DIALOG Databases

The following bibliographic databases can be found on *Knight-Ridder Information, Inc.* service (formerly *DIALOG Information Services*--see vendor section for address) which is an information online service highly recommended for all zoo and aquarium libraries. Included for each database entry is the dates covered and the provider of the data. Other vendor(s) are listed when the database can be accessed through another system.

*Aquatic Sciences and Fisheries Abstracts*. 1978. Bethesda, MD: Cambridge Scientific Abstracts. Covers all aspects of the science, management, and technology of marine freshwater environments. CD-Rom edition available from Silver-Platter.

\* *BIOSIS Preview s. (Biological Abstracts & Biological Abstracts/RRM)*. 1969. Philadelphia, PA: BIOSIS, Inc. Covers original research and conference papers in the biological and biomedical sciences. Omits much popular literature covered in *Zoological Record*. Recent references available via Biosis Connection/Life Science Connection, a direct online service oriented to "end user" biologists rather than librarians. CD-Rom edition available.

\* *CAB Abstracts*. (Commonwealth Agricultural Bureaux) 1972. Slough, UK: CAB International. A comprehensive file of agricultural and biological information. Includes *Veterinary Record* and *Index Veterinarius*. CD-Rom edition available from CAB International.

*Life Sciences Collections*. 1978. Bethesda, MD: Cambridge Scientific Abstracts. Corresponding print indexes include *Ecology Abstracts* and *Animal Behavior Abstracts*. Scope slanted to physiologically-oriented literature. CD-Rom edition available from Silver-Platter.

*Magazine Index*. 1959-1970, 1973. Foster City, CA: Information Access Company. Most useful for popular magazines, with limited coverage of scientific journals; increasing use of full text.

*Medline*. 1966. Bethesda, MD: National Library of Medicine. Extensive coverage of veterinary literature and comprehensive indexing. CD-Rom Medline available.

\* *Zoological Record*. 1978. Philadelphia, PA: BIOSIS and Zoological Society of London. Notable for comprehensive coverage of zoological literature worldwide and detailed taxonomic and geographic indexing. CD-ROM version available (see CD-ROM section).

Other DIALOG databases found on *Knight-Ridder* (some are accessible through other vendors). Selected Titles:

Bowker Biographical Dictionary  
Book Review Index  
Books in Print  
British Books in Print  
Dissertation Abstracts  
Encyclopedia of Associations

ERIC (educational resources)  
Federal Register  
Foundation Directory  
Foundation Grants Index  
Marquis Who's Who  
National Newspaper Index  
Oceanic Abstracts  
OAG (Official Airline Guide)  
Papers (newspapers)  
Scisearch (Institute for Scientific Information)  
Ulrich's International Periodicals Directory

## 5. Indexes and Abstracts--Electronic--CD-ROMs

In addition to dial access via modem from major vendors such as *Knight Ridder* (formerly *DIALOG*), OCLC, and H.W. Wilson, many bibliographic databases are now available in CD-Rom format. The cost is all represented in the initial purchase of the index. No online time is charged. The advantage is that the library user can often search without an intermediary and always search without fear of unpredictable costs. Public access CD-ROMs have appeared in the reference rooms of public, college, and university libraries. Zoo and aquarium librarians can draw on these resources by becoming familiar with their availability in local libraries and referring patrons as the need arises.

*VETCD*. 1973. Silver-Platter Information, Inc. 100 River Ridge Drive, Norwood, MA 02062-5043. Tel: (617) 769-2599, (800) 343-0064; Fax: (617) 769-8763. The veterinary and related section of CAB Abstracts, 1978--. \$6,000 backfile, \$2,200 one year renewal. Includes references from *Index Veterinarius* and *Veterinary Bulletin*.

\* *Wildlife Worldwide, Fisheries Worldwide, and Wildlife and Fish Worldwide*. 1971. NISC, Suite 6, Wyman Towers, 3100 Paul Street, Baltimore, MD 21218. Tel: (301) 243-0982, Fax: (301) 243-0982. Based on *Wildlife Review, Fisheries Review* and other databases compiled by the U.S. Fish and Wildlife and other sources. These databases are available only in CD-ROM format. Convenient for searching by species or geographic location. \$695/year per title.

*Zoological Record*. 1978. BIOSIS, 2100 Arch Street, Philadelphia, PA 19103-1399. Tel: (215) 587-4800; Fax: (215) 587-2016. Current volume 130, \$3,080. Back volumes: \$10,100.00. Lower prices to print edition subscriptions.

## 5. Indexes and Abstracts--Electronic--Vendors

*BIOSIS*. 2100 Arch Street, Philadelphia, PA 19103-1399. Tel: (215)587-4800, Fax: (215) 587-2016.

\* *Knight-Ridder Information Inc.* 2440 El Camino Real, Mountain View, CA 94040. Main switchboard 415-254-7000; Customer service 415-254-8800; 215-241-0131; Fax 415-254-7070. Formerly *DIALOG Information Services*. Covers 450 databases and contains millions of records.

*Institute for Scientific Information (ISI)*. 3501 Market St. Philadelphia, PA 19104-9981. Tel: (800) 336-4474.

*National Information Services Corporation.* Suite 6, Wyman Towers, 3100 Paul Street, Baltimore, MD 21218. Tel: (301) 243-0797. Fax: (301) 243-0982.

*National Technical Information Service.* Springfield, VA 22161. (703) 487-4650.

\* OCLC. 6565 Frantz Road, Dublin, OH 43017-0702. Tel: (614) 764-6000, Fax: (614) 764-6096.

*Silver-Platter Information, Inc.* 100 River Ridge Drive, Norwood, MA 02062-5043. Tel: (617) 769-2599; (800) 343-0064, Fax: (617) 769-8763.

*H.W. Wilson.* 950 University Avenue, Bronx, NY 10452. Tel: (800) 367-6770, Fax: (718) 590-1617.

## BOOK SERVICES

*Antiquariaat*, Van Eeghenstraat 129, 1017 GA, Amsterdam, The Netherlands, Tel: (0) 20-763185; Cable: Junk Amsterdam.

*Buteo Books*, Route 1, Box 242, Shipman, VA 22971, Tel: (804) 263-8671.

*Bernard Quaritch Ltd*, 5-8 Lower John Street, Golden Square, London, W1R 4AU, England. Cable: Quaritch London WI, Tel: 01-734-2983.

*Callahan Co.*, Booksellers, P.O. Box 704, Peterborough, NH 03458.

*N. Fagan Book*, 185 North Wabash Ave., Room 1314, Chicago, IL 60610, Tel: (312) 236-6540.

*Donald E. Hahn*, Natural History Books, Box 1004, Cottonwood, AZ 86326, Tel: (602) 634-5016.

*IUCN Conservation Monitory Centre*, 119c Hintingdon Road, Cambridge, CB3 ODL, England.

*John Johnson Natural History Books*, RD 1, Box 513, North Bennington, VT 05257-9743, Tel: (802) 442-6738.

*Howard Karno Books*, P.O. Box 2100, Valley Center, CA 92082-9998, Tel: (619) 749-2304.

*Patricia Ledlie--Bookseller*, P.O. Box 90, Buckfield, ME 04220, Tel: (207) 336-2969.

*Robert Mueller Rare Books*, 8123 W. 26th Street, N. Riverside, IL. 60546, Tel: (312) 447-6441.

*Natural History Book Service Ltd.*, 2 Wills Road, Totnes, Devon, TQ9 5XN, England. Tel: 0803-86513.

*Natural Selection Books*, Keith Neitman, P.O. Box 20683, Houston, TX 77225-0683; Tel: (713) 568-8755.

*Peterson Book Company*, P.O. Box 966, Davenport, IA 52805. Tel: (319) 355-7051.

*Mary Rabb*, Librarian, Brookfield Zoo, 3300 Golf Road, Brookfield, IL 60513. Tel: (312) 485-0263.

*Rudolph Wm. Sabbot*, Natural History Books, 5239 Tendilla Avenue, Woodland Hills, CA 91364. Tel: (818) 346-7164.

*Raymond M. Sutton*, P.O. Box 330, Williamsburg, KY 40769. Tel: (606) 549-3464, 549-2288.

*St. Ann's Books*, Rectory House, 26, Priory Road, Great Malvern, Worcestershire, WR14 3DR, England. Tel: (0684) 562818, Fax (0684) 566491

*Selva--Natural History Books*, P.O. Box 5213, Tyler, TX 75712-5212. Tel: (214) 597-5131.

*Weldon & Wesley, Ltd.* Lytton Lodge, Codicote Hitchin, Herts., UK. Tel: (0438) 820-370; Fax: (0) 582-41922.

*Wildlife Services*, Rick Haeffner, 4497 Dearborn Street, Denver, CO 80239. Tel:  
(303) 371-3159.

*Zoo Review*, Ralph Curtis Publishing, P.O. Box 183, Sanibel, FL 33957. Tel: (813)  
472-5490.

*Zoological Publications*, Eric Mogensten, Publisher, P.O. Box 147, Natural Bridge, VA  
14578. Tel: (703) 291-3205.



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*Published May 1995*

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## INTRODUCTION

This bibliography is intended to serve as a guide for both small and large zoo/aquarium libraries. The books, serials, CD-ROMs, and databases that should be available in every zoo/aquarium library, have been marked with a star (\*). Although more and more CD-ROM reference sources (not indexes) are available, they have not yet become critical to zoo/aquarium library collections. However, a few are mentioned throughout the document.

This list is divided into several broad subject categories such as **Invertebrates, Fishes, Animal Behavior, Veterinary Medicine**, etc. The order of the subjects loosely follows the Library of Congress classification scheme. Under some of the subject headings, there are more specific headings, like **Birds--Geographic Regions**.

Prices are included in this list whenever possible for both hard and paperbound copies. Many book prices were found in the 1994-95 edition of *Books in Print*. Although some of the periodical prices are in *Ulrich's International Periodical Directory, 1994-95*, most were found in the current issues of the journals because prices change so quickly. Prices are listed simply to give zoos/aquariums a general idea of what the books and serials cost. Check with the publisher, vendor, book store, etc., before purchasing anything. Prices increase and some publishers may charge additional money for mailing.

The original edition of this bibliography was published in 1987 and the second edition was published in 1991. In this updated version, Steven P. Johnson, Bronx Zoo/Wildlife Conservation Park, was instrumental in updating the electronic section; Laura Jenkins, Librarian, John G. Shedd Aquarium, added material in the aquarium-related sections (Fishes, Aquaculture, etc.); and Linda Coates, Librarian, San Diego Zoo; Suzanne Braun, Librarian, Indianapolis Zoo; and Jill Gordon, Librarian, St. Louis Zoo, made invaluable contributions with their comments and additions.

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