

**RECENT DOCTORAL DISSERTATIONS
OF INTEREST TO ETHNOBIOLOGISTS:
FALL 1985 - FALL 1986**

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This is the fourth in an annual series of bibliographies listing selected dissertations drawn from the pages of Dissertation Abstracts (D.A.) (see also Hays 1983; Laferrière 1984, 1985). All four listings were made by scanning the titles and abstracts published in D.A. and making subjective decisions as to which ones might be relevant to work in ethnobiology or related disciplines such as ecological anthropology. Dissertations categorized in D.A. under Anthropology, Geography, American Studies, Agricultural Economics, Linguistics, Language, Sociology, Ecology, Biology, Botany, Zoology, Chemistry, Health Science, and Agriculture were considered for inclusion in the list. An attempt was made to be as inclusive as possible, but some other dissertations may have been overlooked. The compilers would be grateful for comments and for suggestions as to dissertations which might be worthy of inclusion in next year's edition.

Dates covered by the present paper include: Volume A [Humanities and Social Sciences]: September 1985-October 1986; Volume B [Sciences and Engineering]: October 1985-October 1986; Volume C [European Dissertations]: Winter 1986-Summer 1986. Note that these are the dates for the issues of D.A. in which the abstracts appear, rather than the dates of acceptance of the dissertations themselves. A few older dissertations overlooked in previous columns have also been included.

The dissertations are listed alphabetically below, along with the year of acceptance, title, institution, length, advisor or major professor, number of the page in D.A. in which the abstract may be found, University Microfilms order number, and the ISBN number, when this information was given.

Most of the dissertations accepted at institutions in the United States may be obtained from University Microfilm International, P.O. Box 1764, Ann Arbor, MI 48106, either on microfilm or published by microfilm xerography. Quality of printed matter is generally excellent, but that of figures and photographs varies with the quality of the original. Current prices may be obtained by calling 313-761-4700 or 800-521-3042 (in Canada, 800-268-6090).

Dissertations from outside the United States are not now available through UMI, although some of these may be obtainable from the accepting institutions or through Interlibrary Loan. Relatively few European universities participate in the D.A. abstracting service; hence those European dissertations listed represent a small proportion of the total. Abstracts of all the dissertations listed below are, however, published in Dissertation Abstracts, in English except as noted.

- ADAIR, MARY JEANNEEN. (1984) Prehistoric cultivation in the Central Plains: its development and importance. University of Kansas, 286 pp. Chair: A. Montet-White. D.A. 46(4):1011-1012-A. Order no. DA8513725.
- AKUNDABWENI, LEVI MUDOGO SHADEYA. (1984) Forage potential of some annual native *Trifolium* species in the Ethiopian highlands. Supervisor: Arvid Boe. South Dakota State University, 229 pp. D.A. 46(6):1749-B. Order no. DA8517250.
- ALEGRE, JULIO CESAR. (1985) Effects of land clearing and land preparation on soil physical and chemical properties and crop performance of an ultisol in the Amazon Basin. Supervisor: D.K. Cassel. North Carolina State University at Raleigh, 168 pp. D.A. 46(6):1750-B. Order no. DA8518219.
- ALES, DIANE CHRISTINE. (1984) Isolation, characterization, and synthesis of ant-repellent compounds from selected Costa Rican plant species. University of Iowa, 121 pp. Supervisor: David F. Wiemer, D.A. 45(9):2917-B. Order No. DA8428221.
- AL-JERIAN, ABDULLAH A. (1985) The production factors of a traditional Red Sea fishery and its bioeconomics. University of Michigan, 135 pp. Chair: James Diana. D.A. 46(11):3645-B. Order no. 8600396.
- ALWELAIE, ABDULLAH NASSER ALI. (1985) The role of natural and human factors in the degradation of the environment in Central, Eastern, and Northern Saudi Arabia. University of California-Riverside, 475 pp. Chair: Carl L. Hansen. D.A. 47(1):272-A. Order no. DA8604121.
- ANDERSON, JENNIFER LEA. (1985) Chanoyu: an anthropological approach to tea. Stanford University, 497 pp. Adviser: Harumi Befu. D.A. 46(8):2349-A. Order no. DA8522107.
- ANTHONY, DAVID WALLER. (1985) The social and economic implications of the domestication of the horse. University of Pennsylvania, 937 pp. D.A. 47(1):221-A. Order no. DA8603609.
- ARIAS MILLA, FRANCISCO ROBERTO. (1985) Production aspects of maize + sorghum intercropping systems in Central America. University of Florida, 249 pp. Chair: Raymond Noel Gallaher. D.A. 47(1):1-2-B. Order no. DA8606678.
- ATRAN, SCOTT. (1984) The phenomenal foundations of biological classification: an anthropological inquiry into the scope and limits of common sense. Columbia University, 451 pp. D.A. 46(1):187-A. Order no. DA8505945.
- BAILEY, ROBERT CONVERSE. (1985) The socioecology of the Efe Pygmy men in the Ituri Forest, Zaire. Harvard University, 279 pp. D.A. 47(1):228-A. Order no. DA8602282.
- BAKSH, MICHAEL GEORGE. (1984) Cultural ecology and change of the Machiguenga Indians of the Peruvian Amazon. University of California at Los Angeles, 499 pp. Chair: Allen Johnson, D.A. 46(1):187-A. Order no. DA8505602.
- BANNING, EDWARD BRUCE. (1985) Pastoral and agricultural land use in the Wadi Ziglab, Jordan: an archaeological and ecological survey. University of Toronto. Supervisor: J.S. Holladay. D.A. 47(3):952-A.
- BARKER, THOMAS CHARLES. (1984) Shifting cultivation production constraints in the upland Philippines. University of Missouri-Columbia, 199 pp. Supervisor: J.M. Poehlman. D.A. 46(4):1005-1006-B. Order no. DA8512200.
- BASSETT, THOMAS JOSEPH. (1984) Food, peasantry and the state in the Northern Ivory Coast: 1898-1982. University of California-Berkeley, 312 pp. D.A. 46(4):1057-A. Order no. DA8512752.
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- BLUMENSCHINE, ROBERT JEAN. (1985) Early hominid scavenging opportunities: insights from the ecology of carcass availability in the Serengeti and Ngorongoro

- Crater, Tanzania. University of California-Berkeley, 258 pp. Chair: J. Desmond Clark. D.A. 47(3):953-A. Order no. DA8609943.
- BOAZ, DOROTHY DECHANT. (1982) Modern riverine taphonomy: its relevance to the interpretation of Plio-Pleistocene Hominid Paleoecology in the Omo Basin, Ethiopia. University of California-Berkeley, 397 pp. D.A. 44(1):215-A. Order no. DA8312762.
- BOUTILLON, M. (1985) Une utilisation thérapeutique du gui: *Viscum album* fermenté [A mistletoe therapeutical use: *Viscum album* L. fermented extract]. Université de Dijon [France], 40 pp. D.A. 46(4):993-C. Dissertation and abstract in French.
- CADELINA, ROWE VILLASECA. (1982) Batak interhousehold food sharing: a systematic analysis of food management of marginal agriculturalists in the Philippines. University of Hawaii, 325 pp. D.A. 44:525-A. Order no. DA8313518.
- CALVERT, JULIE JEAN. (1985) Food selection by western gorillas in relation to food chemistry and selective logging in Cameroon, West Africa. Chair: Donald G. Lindburg. University of California at Los Angeles, 125 pp. D.A. 46(9):2736-A. Order no. DA8525838.
- CHANG, DAVID HSIN-SHIH. (1985) The multivariate analysis of vegetation and environmental factors in Ngari, Tibet. Cornell University, 339 pp. D.A. 46(7):2177-B. Order no. DA8516924.
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- CHOYKE, ALICE MATHERA. (1983) An analysis of bone, antler, and tooth tools from Bronze Age Hungary. State University of New York at Binghamton, 489 pp. D.A. 44(4):1136-A. Order no. DA8313596.
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- COMPADRE, CESAR MANUEL. (1985) Studies on the sweet principle of *Lippia dulcis*, and on steviol, the aglycone of stevioside. University of Illinois at Chicago, Health Science Center, 230 pp. D.A. 47(1):204-B. Order no. DA8605094.
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- GREENSPAN, RUTH LISA. (1985) Fish and fishing in Northern Great Basin prehistory. University of Oregon, 344 pp. D.A. 46(11):3389-3390-A. Order no. DA8529508.
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