

## RECENT DOCTORAL DISSERTATIONS OF INTEREST TO ETHNOBIOLOGISTS

JOSEPH E. LAFERRIERE

*Department of Ecology and Evolutionary Biology  
University of Arizona  
Tucson, AZ 85721*

This bibliography will update and expand a listing published in this journal a year ago (Hays 1983). That compilation gave anthropological dissertations from series A of Dissertation Abstracts (D.A.) volume 41 (1981) through volume 43 (June 1983). The present listing covers volume 44, number 1 (July 1983) through volume 45, number 3 (September 1984), selected dissertations from series B (Science and Engineering) volume 41, number 7 (January 1981), through volume 45, number 3 (September 1984), and series C (European dissertations) volume 41, number 1 (Autumn 1980) through volume 45, number 3 (Fall 1984).

As with the earlier work, this compilation was made by scanning the titles and abstracts published in D.A. and making a subjective decision as to those which might be of interest to ethnobiologists. In certain cases, dissertations appeared to be of only peripheral interest, or only part of the dissertation seemed relevant to ethnobiology; an attempt was made to be as inclusive as possible thus allowing the reader to decide for him- or herself. Since only those dissertations categorized under "Anthropology" in series A and C, and those listed under "ethnobiology," "ethnobotany," etc., in the indices of series B were considered, other relevant dissertations in other sections probably were overlooked. The compiler would be grateful for comments.

The dissertations are listed below alphabetically by author, along with the author's name, year of acceptance, title, institution, length, number of the page on which the abstract may be found, University Microfilms order number, and the ISBN number, when given.

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

Canadian and European dissertations are not now available through UMI, although this may change in the future. Relatively few European universities participate in the D.A. abstracting service; hence those listed represent a small percentage of the total. Abstracts of all the dissertations listed below are, however, published in English in Dissertation Abstracts.

- ALCORN, JANIS BRISTOL (1982) Dynamics of Huastec ethnobotany: resources, resource perception, and resource management in Teenek Tsabaal, Mexico. University of Texas at Austin, 1009 pp. Diss. Abstr. 43(12):3827-B, order no. DA8309108.
- ARMSTRONG, DOUGLAS V. (1983) The "Old Village" at Drax Hall Plantation: an archeological examination of an Afro-Jamaican settlement. University of California at Berkeley, 449 pp. Diss. Abstr. 44(5):1499-A, order no. DA8321953.
- BALEE, WILLIAM LOCKERT (1984) The persistence of Ka'apor culture. Columbia University, 302 pp. Diss. Abstr. 45(3):877-A, order no. DA8412964.
- BEACH, H. S. (1981) Reindeer-herd management in transition: the case of Tuorpon Saameby in northern Sweden. Uppsala Universitet, Sweden, 542 pp. Diss. Abstr. 43(1):14-C, ISBN 91-554-1105-3. Published in Acta Universitatis Uppsaliensis, Cultural Anthropology, 3.

- BEHRENS, CLIFFORD ALLEN (1984) Shipibo ecology and economy: a mathematical approach to understanding human adaptation. University of California at Los Angeles, 460 pp. Diss. Abstr. 45(2):564-A, order no. DA8411842.
- BENDER, SUSAN JEAN (1983) Hunter-gatherer subsistence and settlement in a mountainous environment: the prehistory of the northern Teton. State University of New York at Albany, 249 pp. Diss. Abstr. 44(12):3731-A, order no. DA8403856.
- BIRGE, DARICE ELIZABETH (1982) Sacred groves in the ancient Greek world. University of California at Berkeley, 645 pp. Diss. Abstr. 44(1):205-A, order no. DA8312758.
- BRETTING, PETER KONRAD (1981) A systematic and ethnobotanical survey of *Proboscidea* and allied genera of the Martyniaceae. Indiana University, 339 pp. Diss. Abstr. 42(5):1731-B, no. 8119042.
- BROWN, ROY BERNARD (1984) The paleoecology of the northern frontier of Mesoamerica. University of Arizona, 204 pp. Diss. Abstr. 45(2):562-A, order no. DA8412658.
- BRUSSEL, DAVID ERIC (1981) The ethnobotany of Montserrat, British West Indies. Southern Illinois University, 181 pp. Diss. Abstr. 43(7):2093-B, order no. DA8229243.
- BUCKLEY, JOHN STUART (1983) The feeding behavior, social behavior, and ecology of the white-faced monkey, *Cebus capucinus*, at Trujillo, northern Honduras. University of Texas at Austin, 233 pp. Diss. Abstr. 44(4):1143-A, order no. DA8319568.
- BUNN, HENRY THOMAS III (1982) Meat-eating and human evolution: studies on the diet and subsistence patterns of Plio-Pleistocene hominids in East Africa. 44(1):206-A, order no. DA8312768.
- BURNS, BARNEY TILLMAN (1983) Simulated Anasazi storage behavior using crop yields reconstructed from tree rings: A.D. 652-1968. University of Arizona, 756 pp. Diss. Abstr. 44(1):206-A, order no. DA8311405.
- CHASE, PHILIP GRATON (1983) The use of animal resources in the Mousterian of Combe Grenal, France. University of Arizona, 335 pp. Diss. Abstr. 44(3):800-A, order no. DA8315277.
- CHATTERS, JAMES CARL (1982) Evolutionary human paleoecology: climatic change and human adaptation in the Pahsimeroi Valley, Idaho, 2500 B.P. to the present. University of Washington, 478 pp. Diss. Abstr. 44(1):206-A, order no. DA8308604.
- CRIDLEBAUGH, PATRICIA A. (1984) American Indian and Euro-American impact upon Holocene vegetation in the Lower Little Tennessee River Valley, East Tennessee. University of Tennessee, 238 pp. Diss. Abstr. 45(2):562-A, order no. DA8411085.
- DAHALL, DILLI RAM (1983) Poverty or plenty: innovative responses to population pressure in an eastern Nepalese hill community. University of Hawaii, 375 pp. Diss. Abstr. 44(6):1850-A, order no. DA8319822.
- EL MAHI, A.T. (1981) Fauna, ecology, and socio-economic conditions in the Khartoum Nile environment. Universitet i Bergen, Norway. Diss. Abstr. 44(3):478-C.
- FARRIS, GLEN JOSEPH (1982) Aboriginal use of pine nuts in California: an ethnological, nutritional, and archaeological investigation into the uses of the seeds of *Pinus lambertiana* Dougl. and *Pinus sabiniana* Dougl. by the Indians of northern California. University of California at Davis, 177 pp. Diss. Abstr. 44(1):206-A, order no. DA831944.
- FLOWERS, NANCY MAY (1983) Forager-farmers: the Xavante Indians of central Brazil. City University of New York, 403 pp. Diss. Abstr. 44(1):211-A, order no. DA8312344.
- GANJANAPAN, ANAN (1984) The partial commercialization of rice production in northern Thailand (1900-1981). Cornell University, 569 pp. Diss. Abstr. 44(12):3732-A, order no. DA8407412.

- GERBER, P. (1975) *Die Peyote-Religion nordamerikanischer Indianer*. (The Peyote religion of North American Indians). Universität Zürich, Switzerland, 281 pp. Diss. Abstr. 41(4):701-C.
- GILL, STEVEN JEFFREY (1983) *Ethnobotany of the Makah and Ozette people, Olympic Peninsula, Washington (USA)*. Washington State University, 454 pp. Diss. Abstr. 44(11):3286-B, order no. DA8404587.
- GITTINS, GAYLE O. (1984) *Radiocarbon chronometry and archeological thought*. University of California at Los Angeles, 295 pp. Diss. Abstr. 45(2):563-A, order no. DA8411867.
- GUTIERREZ, CHARLOTTE PAIGE (1983) *Foodways and Cajun identity*. University of North Carolina at Chapel Hill, 354 pp. Diss. Abstr. 44(4):1140-A, order no. DA8326612.
- HALL, MATTHEW CLYDE (1983) *Late Holocene hunter-gatherers and volcanism in the Long Valley-Mono Basin region: prehistoric culture change in the eastern Sierra Nevada*. University of California at Riverside, 268 pp. Diss. 44(7):2182-A, order no. DA8324903.
- HAM, LEONARD CHARLES (1983) *Seasonality, shell midden layers, and Coast Salish subsistence activities at the Crescent Beach site, DgRr1*. University of British Columbia, Canada. Diss. Abstr. 44(5):1501-A.
- HASELWANDER, C. (n.d.) *Die heilpflanzen und ihre verwendung in der volksmedizin des oberen feistritztales (sic.) (Medicinal herbs and their use in popular medicine of the upper Feistritz Valley)*. Universität Graz, Austria, 176 pp. Diss. Abstr. 45(2):326-C.
- HASTORF, CHRISTINE ANN (1983) *Prehistoric agricultural intensification and political development in the Juaja region of central Peru*. University of California at Los Angeles, 395 pp. Diss. Abstr. 44(2):523-A, order no. 8314655.
- HEDLUND, ANN LANE (1983) *Contemporary Navajo weaving: an ethnography of a native craft*. University of Colorado at Boulder, 386 pp. Diss. Abstr. 44(8):2813-A, order no. DA8400903.
- HEWITT, JOHN S. (1983) *Optimal foraging models for the Lower Illinois River Valley*. Northwestern University, 531 pp. Diss. Abstr. 44(3):801-A, order no. DA8315936.
- HILL, KIM RONALD (1983) *Adult male subsistence strategies among Ache hunter-gatherers of eastern Paraguay*. University of Utah, 251 pp. Diss. Abstr. 44(10):3106-A, order no. DA8402163.
- HITCHCOCK, ROBERT KARL (1982) *The ethnoarchaeology of sedentism: mobility strategies and site structure among foraging and food producing populations in the eastern Kalahari Desert, Botswana*. University of New Mexico, 423 pp. Diss. Abstr. 44(2):523-A, order no. DA8313995.
- HOLMES, CHARLES EDGAR (1984) *The prehistory of the Lake Minchumina region: an archeological analysis*. Washington State University, 352 pp. Diss. Abstr. 45(3):876-A, order no. DA8413879.
- HOUSTON, MARGARET SNOW (1983) *The paleoethnobotany of Oaxaca, Mexico*. University of North Carolina at Chapel Hill, 296 pp. Diss. Abstr. 44(4):1137-A, order no. DA8316617.
- HUELSBECK, DAVID RICHARD (1983) *Mammals and fish in the subsistence economy of Ozette*. Washington State University, 183 pp. Diss. Abstr. 44(7):2183-A, order no. DA8325471.
- JANETSKI, JOEL CLIFFORD (1983) *The Western Ute of Utah Valley: an ethnohistorical model of lakeside adaptation*. University of Utah, 132 pp. Diss. Abstr. 44(10):3103-A, order no. DA8401791.
- KAPLAN, HILLARD (1983) *The evolution of food sharing among adult conspecifics: research with the Ache hunter-gatherers of eastern Paraguay*. University of Utah, 166 pp. Diss. Abstr. 44(10):3106-A, order no. DA8403986.

- KATZ, SUSANNA ROTHSTEIN (1983) Late prehistoric period environment and economy of the southern Guadalupe Mountains, Texas. University of Kansas, 267 pp. Diss. Abstr. 44(4):1137-A, order no. DA8317894.
- KENOYER, JONATHAN MARK (1983) Shell working industries of the Indus civilization: an archaeological and ethnographic perspective. University of California at Berkeley, 478 pp. Diss. Abstr. 45(3):876-A, order no. DA8413450.
- KVAMME, KENNETH LEROY (1983) New methods for investigating the environmental basis of prehistoric site locations. University of California at Santa Barbara, 194 pp. Diss. Abstr. 44(10):3104-A, order no. DA8401747.
- LITZINGER, WILLIAM JOSEPH (1983) The ethnobiology of alcoholic beverage production by the Lacandon, Tarahumara, and other aboriginal Mesoamerican peoples. University of Colorado at Boulder, 193 pp. Diss. Abstr. 45(1):39-B, order no. DA8408053.
- McCORKLE, CONSTANCE MARIE (1983) Meat and potatoes: animal management and the agropastoral dialectic in an indigenous Andean community with implications for development. Stanford University. Diss. Abstr. 44(5):1506-A, order no. DA 8320743.
- McKEAN, MARGARET BERNARD (1983) The palynology of Balakot, a pre-Harappan and Harappan Age site in Las Bela, Pakistan. Southern Methodist University, 508 pp. Diss. Abstr. 45(1):226-A, order no. DA8408244.
- McMANAMON, FRANCIS PATRICK (1984) Prehistoric cultural adaptations on Cape Cod: ecological niches, adaptive states and temporal variation. State University of New York at Binghamton, 401 pp. Diss. Abstr. 45(1):226-A, order no. DA8408391.
- MERREY, DOUGLAS JAMES (1983) Irrigation, poverty, and social change in a village of Pakistani Punjab: an historical and cultural ecological analysis. University of Pennsylvania, 896 pp. Diss. Abstr. 44(3):803-A, order no. DA8316063.
- MINOR, RICK (1983) Aboriginal settlement and subsistence at the mouth of the Columbia River. University of Oregon, 253 pp. Diss. Abstr. 44(7):2183-A, order no. DA8325288.
- MUNRO, M.A.R. (1982) Pollen analysis and prehistoric land use in Denmark. Queen's University of Belfast, U.K., 133 pp. Diss. Abstr. 44(3):478-C.
- NABHAN, GARY PAUL (1983) Papago fields: arid lands ethnobotany and agricultural ecology. University of Arizona, 246 pp. Diss. Abstr. 44(10):2984-B, order no. DA8401271.
- NESPOR, ROBERT PASCHAL (1984) The evolution of the agricultural settlement pattern of the Southern Cheyenne Indians in western Oklahoma, 1876-1930. University of Oklahoma, 470 pp. Diss. Abstr. 45(3):881-A, order no. DA8413984.
- NIENU, VIKUOSA (1983) The prehistoric archaeology and human ecology of Nagaland. University of California at Berkeley, 396 pp. Diss. Abstr. 45(3):876-A, order no. DA8413537.
- PENNANEN, J.M.S. (1979) Muikkaupajilla: Puruveden ammattimainen talvinuottakalastus 1900-luvun alusta 1970-luvun puoliväliin (Professional winter seine fishing on Lake Puruvesi from 1900 to the 1970's). Helsingin Yliopisto, Finland, 343 pp. Diss. Abstr. 41(1):24-C, ISBN 951-9056-35-1.
- PIPERNO, DOLORES RITA (1983) The application of phytolith analysis to the reconstruction of plant subsistence and environments in prehistoric Panama (volumes I and II). Temple University, 475 pp. Diss. Abstr. 44(6):1847-A, order no. DA8321315.
- PRECOURT, PRUDENCE SANDRA (1983) Settlements, systems, and patterns: an ecological systems analysis of settlement systems near Amozoc de Mota, Puebla, Mexico. University of Wisconsin-Milwaukee, 674 pp. Diss. Abstr. 45(1):226-A, order no. DA8409363.
- PRUMMEL, W. (1980) Vroegmiddeleeuws Dorestad, een archaeozoölogische studie

- (Early Midaeval Dorestad, an archaeozoological study). Rijksuniversiteit te Groningen, Netherlands, 600 pp. Published in English, 1982. Diss. Abstr. 43(2):213-C.
- RUSSELL, SCOTT CHRISTIAN (1983) Factors affecting agricultural production in a western Navajo community. Arizona State University, 542 pp. Diss. Abstr. 44(3):804-A, order no. 8315823.
- SALEEBY, BECKY MARGARET (1983) Prehistoric settlement patterns in the Portland Basin of the Lower Columbia River: ethnohistoric, archaeological, and biogeographic perspectives. University of Oregon, 301 pp. Diss. Abstr. 44(3):801-A, order no. DA8315753.
- SANFORD, PATRICIA RUTH (1983) An analysis of megascopic plant remains and pollen from Dirty Shame Rockshelter, southeastern Oregon. University of Oregon, 288 pp. Diss. Abstr. 44(7):2184-A, order no. DA8325300.
- SCHNEEWEISS, E. (1979) Die Weberei der Navajos: ein Beitrag zur Geschichte eines Kunsthandwerkes im Spiegel externer Einflüsse (Navajo weaving: a contribution to the history of a tribal craft as a reflection of external influences). Universität Wien, Austria, 522 pp. Diss. Abstr. 44(3):480-C.
- SCOTT, COLIN HARTLEY (1983) The semiotics of material life among Wemindji Cree hunters. McGill University, Canada. Diss. Abstr. 44(5):1507-A.
- SMITH, BENNETT HOLLY (1983) Dental attrition in hunter-gatherers and agriculturalists. University of Michigan, 298 pp. Diss. Abstr. 44(2):529-A, order no. DA8314358.
- STROBL, I. (1983) Subsistenz versus Cash Crops — Eine empirische Studie zu Tradition und Wandel in der Wirtschaft des Stammes der Gusii (Subsistence versus cash crops—an empirical study of tradition and social change in the economics of the Gusii tribe). Universität Wien, Austria, 277 pp. Diss. Abstr. 45(3):649-C.
- SURMAN, GEORGE RIDHARD (1983) Ethnomedicine and process: strategies of treatment in a Karnataka village. University of California at Riverside, 310 pp. Diss. Abstr. 44(6):1853-A, order no. DA8323445.
- THELER, JAMES LOUIS (1983) Woodland tradition economic strategies: animal resource utilization in southwestern Wisconsin and northeastern Iowa. University of Wisconsin-Madison, 451 pp. Diss. Abstr. 44(7):2186-A, order no. DA8319545.
- VON LINDE, A.B. (1979) Människan, Vetet, och Kornet: Studier kring odlingens begynnelse—arkeologi och genetik (Man, wheat, and barley: studies on the beginning of cultivation and domestication—genetics in archaeology). Lunds Universitet, Sweden, 137 pp. Diss. Abstr. 41(2):701-C.
- WARREN, ROBERT EDWARD (1983) Late-Holocene archeofaunal variation in Ozark Highland caves and rockshelters: environmental correlates and foraging behavior. University of Missouri-Columbia, 272 pp. Diss. Abstr. 44(12):3734-A, order no. DA8406253.
- WEBSTER, GARY STEWART (1983) Northern Iroquoian hunting: an optimization approach. Pennsylvania State University, 502 pp. Diss. Abstr. 44(1):209-A, order no. DA8312679.
- WEINER, MICHAEL ALAN (1978) Nutritional ethnomedicine in Fiji. University of California at Berkeley, 191 pp. Diss. Abstr. 41(12):4468-B, order no. 8111883.
- WELLS, HELEN FAIRMAN (1983) Historic and prehistoric pinyon exploitation in the Grass Valley region, central Nevada: a case study in cultural continuity and change. University of California at Riverside, 231 pp. Diss. Abstr. 44(12):3734-A, order no. DA8405552.
- WENDORF, MICHAEL ANDREW (1982) Prehistoric manifestations of fire and the fire areas of Santa Rosa Island, California. University of California at Berkeley, 210 pp. Diss. Abstr. 44(1):209-A, order no. 8313014.
- WHITE, JAMES MURRAY (1983) Late Quaternary geochronology and palaeoecology

- of the Upper Peace River District, Canada. Simon Fraser University, Canada. Diss. Abstr. 44(8):2508-A.
- WILLIAMS, JOHN MARK (1983) The Joe Bell site: seventeenth century lifeways on the Oconee River. University of Georgia. Diss. Abstr. 44(2):523-A, order no. DA 8314752.
- WILSON, JACK HUBERT, JR. (1983) A study of the Late Prehistoric, Protohistoric, and Historic Indians of the Carolina and Virginia Piedmont: structure, process, and ecology. University of North Carolina at Chapel Hill, 666 pp. Diss. Abstr. 44(12): 3734-A, order no. DA8406956.

## REFERENCE CITED

- HAYS, TERENCE E. (1983) Recent anthropology doctoral dissertations of interest to ethnobiologists I. *Journal of Ethnobiology* 3(2):179-184.

## Book Review

**Desert Resources and Technology**, Vol. 1. Alam Singh, Ed. Jointly published Scientific Publishers and Geotech-Academia, Jodhpur, India: 1983. Pp. 368, figs. and tables. \$60.00.

A vast country, India has such a diversity of ecological areas that to gather together notes on the wide range of dryland resources and technology of such an area is in itself a formidable task. It has been well done in this first volume—so well that we are left anxiously awaiting a second contribution.

The volume is divided into eight chapters, contributed by 13 scientists, almost all Indian: 1) Fauna of the Indian desert; 2) Water reclamation for potable use; 3) Desalinization of water; 4) Unsaturated flow in an arid environment; 5) Solar and wind energies; 6) Ravine lands—reclamation and use; 7) Pasture development; 8) Economic and medicinal plants of Indian deserts. Each chapter has a specific bibliography, usually very inclusive.

The contributions are, naturally, of varying excellence, but all offer vital material not hitherto available or easily obtainable. This book will be of interest to all environmentalists working in xeric areas in any part of the world, and the eighth chapter is of significance especially to economic botanists.

Richard Evans Schultes  
Botanical Museum  
Harvard University  
Cambridge, Massachusetts