

RECENT DOCTORAL DISSERTATIONS OF INTEREST TO ETHNOBIOLOGISTS XII

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In this year's column, we set a new record: four dissertations which actually contain the word "ethnobotany" in the title. It is, however, the first time in ten years we lack Worldwide dissertations from Volume C of Dissertation Abstracts (D.A.). Unfortunately, no copy of this was available this year to either author.

This is the twelfth in an annual series of bibliographies listing selected dissertations drawn from the pages of Dissertation Abstracts. As in the past, this list was compiled 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 and economic botany. Dissertations categorized in D.A. under Agricultural Economics, Agriculture, American Studies, Anthropology, Biology, Botany, Chemistry, Ecology, Folklore, Geography, Health Science, Home Economics, Language, Linguistics, Paleoecology, Physical Geography, Sociology and Zoology were considered for inclusion in the list. An attempt was made to be as inclusive as possible, but some dissertations may have been overlooked. Comments and suggestions would be welcome for items to include in next year's edition.

Dates covered by the present paper include: for Volume A, September 1993–August 1994; Volume B (Sciences and Engineering), September 1993–July 1994. 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.

The dissertations are listed below alphabetically by author, along with the year of acceptance, title, institution, length, adviser or major professor, number(s) of the page(s) in D.A. on which the abstract may be found, University Microfilms order number, and the ISBN number when this information was included.

Most of the dissertations accepted at institutions in the United States, and some of those from Australia, Canada, South Africa, and the United Kingdom may be obtained from University Microfilms International, P.O. Box 1764, Ann Arbor, MI 48106-1346, 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. Abstracts of all dissertations below are published in D.A., in English except as noted. D.A. is now available in many libraries on CD-ROM.

Current prices may be obtained by calling 800-521-3042; 313-761-4700 from Alaska, Hawaii, or Michigan; or 800-343-5299 from Canada. Further information may be obtained from UMI Dissertations Information Service, 300 North Zeeb Road, Ann Arbor, MI 48106-1346, USA.

RESUMEN.—En este bibliografía se incluyen disertaciones recientes de interés a los etnobiólogos. Por cada uno se da el número de la página donde se halla el resumen en Dissertation Abstracts (D.A.), y el número de encargar un ejemplar de la disertación de University Microfilm International, P.O. Box 1764, Ann Arbor, MI 48106-1346 USA (teléfono: 313-761-4700 o 800-521-3042; desde Canada 800-343-5299).

RÉSUMÉ.—Cette bibliographie comprend quelques dissertations recentes d'intérêt aux ethnobiologistes. Chez chaqu'une où donne le numéro de la page où se trouve le résumé dans Dissertation Abstracts (D.A.), et le numéro de commander un exemplaire de la dissertation de University Microfilm International, P.O. Box 1764, Ann Arbor, MI 48106-1346 USA (telephone: 313-761-4700 ou 800-521-3042; de Canada 800-343-5299).

- Akbar, Shahid. 1993. Hypothermic activity of repin, a sesquiterpene lactone from *Centaurea solstitialis*. University of the Pacific, 252 pp. D.A. 9411870. Order no. DA9411870.
- Amarquayé, Ambrose. 1993. Isolation of spasmogenic principles from *Byrsonima crassifolia* Richard ex Jussieu (Malpighiaceae). University of Illinois at Chicago, Health Sciences Center, 150 pp. D.A. 54(4):1910-B. Order no. DA9324364.
- Arzigian, Constance Marie. 1993. Analysis of prehistoric subsistence strategies: A case study from southwestern Wisconsin. University of Wisconsin-Madison, 506 pp. Supervisor: James B. Stoltman. D.A. 54(4):1432-A. Order no. DA9309494.
- Bartram, Laurence Eugene, Jr. 1993. An ethnoarchaeological analysis of Kua San (Botswana) bone food refuse. University of Wisconsin-Madison, 836 pp. Supervisor: Henry T. Bunn. D.A. 54(8):3084-A. Order no. DA9322519.
- Bauml, James Anthony. 1994. Ethnobotany of the Huichol people of Mexico. Claremont Graduate School, 278 pp. D.A. 55(1):16-B. Order no. DA9416313.
- Bendremer, Jeffrey Cap Millen. 1993. Late Woodland settlement and subsistence in eastern Connecticut. University of Connecticut, 443 pp. Major Adviser: Robert E. Dewar. D.A. 54(7):2629-A. Order no. DA9332897.
- Bennally, Christine Jean. 1993. The Navajo Nation: insecticide application and environmental impacts. Colorado State University, 159 pp. D.A. 54(6):2971-B. Order no. DA9331361.
- Benzecry, Alice. 1993. Ethnobotany, anatomy and taxonomy of five tropical lianas of the Coto Brus region of Costa Rica. City University of New York, 128 pp. D.A. 54(9):4479-B. Order no. DA9405498.
- Bouscaren, Stephen James. 1993. Bean preference and use in northwestern Mexico. University of California, Riverside, 555 pp. Chairperson: Eugene N. Anderson. D.A. 54(7):2632-A. Order no. DA9332488.
- Britton, Edward Cameron. 1993. Peasant subsistence in northwestern Haiti: Geography, cultural ecology, and rural development. The Louisiana State Univer-

- sity and Agricultural and Mechanical College, 276 pp. Director: William V. Davidson. D.A. 54(8):3156-A. Order no. DA9401509.
- Bussièrès, Bruno. 1992. La déforestation subalpine au mont du lac à l'Empêche, Charlevoix, Québec [Subalpine deforestation at the hill of Lac à l'Empêche, Charlevoix, Québec]. Université Laval (Canada), 249 pp. D.A. 54(6):2832-B. ISBN 0-35-79445-3. Order no. DANN79445. Dissertation and abstract in French.
- Casey, Joanna Louise. 1993. The Kintampo Complex in Northern Ghana: Late Holocene human ecology on the Gambaga Escarpment. University of Toronto (Canada), 355 pp. ISBN 0-315-82756-4. Adviser: Maxine Kleindienst. D.A. 54(9):3486-A. Order no. DANN82756.
- Colten, Roger Henry. 1993. Prehistoric subsistence, specialization, and economy in a southern California chiefdom. University of California, Los Angeles, 258 pp. Chair: Jeanne E. Arnold. D.A. 54(10):3876-A. Order no. DA9408227.
- Coomes, Oliver Thomas. 1992. Making a living in the Amazon rain forest: Peasants, land, and economy in the Tahuayo River Basin of north-eastern Peru. University of Wisconsin-Madison, 468 pp. Supervisor: William Maxfield Denevan. D.A. 54(4):1498-1499-A. Order no. DA9306449.
- Crawford, Patricia Louise. 1994. Man-land relationships in the Wadi Tumilat of Egypt at Tell el-Maskhuta: A paleoethnobotanical perspective. Boston University, 355 pp. Major Professor: Julie Hansen. D.A. 55(1):106-A. Order no. DA9417315.
- Cummins, Bryan David. 1992. Attawapiskat Cree land tenure and use, 1901-1989. McMaster University (Canada), 396 pp. ISBN 0-315-80765-2. Adviser: Richard Preston. D.A. 54(8):3087-A. Order no. DANN80765.
- Dilley, F. Brian. 1993. Climate change and agricultural transformation in the Oaxaca Valley, Mexico. Pennsylvania State University, 297 pp. Adviser: Diana M. Liverman. D.A. 54(7):2687-2688-A. Order no. DA9334723.
- Echavarría, Fernando R. 1993. Remote sensing of montane forest degradation in southern Ecuador. University of South Carolina, 205 pp. Adviser: John R. Jensen. D.A. 54(7):2688-A. Order no. DA9400212.
- Egan, Kathryn Carey. 1993. Hunter-gatherer subsistence adaptation in the Saginaw Valley, Michigan. (Volumes I and II). Michigan State University, 406 pp. Chair: William A. Lovis. D.A. 55(2):306-307-A. Order no. DA9417991.
- Fayden, Meta Patricia. 1993. Indian corn and Dutch pots: Seventeenth-century foodways in New Amsterdam/New York City. City University of New York, 449 pp. Adviser: Thomas H. McGovern. D.A. 54(9):3487-A. Order no. DA9405523.
- Foderado, Tommaso Antonio. 1993. Chemical analysis of *Penstemon* and *Castilleja* (Scrophulariaceae), *Thessalia* (Lepidoptera) and *Pinus* (Pinaceae). Colorado State University, 193 pp. D.A. 54(6):3069-B. Order no. DA9331375.
- Frocke, Jeffrey Benjamin. 1993. Evolution of a settled landscape: a biogeographical study of Rancho Mission Viejo, California. University of California-Los Angeles, 263 pp. D.A. 54(3):1202-B. Order no. DA9319806.
- Hardenbergh, Sabrina Helen Bennett. 1993. Undernutrition, illness and children's work in an agricultural rain forest community of Madagascar. University of Massachusetts, 314 pp. Director: R. Brooke Thomas. D.A. 54(10):3795-A. Order no. DA9408286.

- Hasler, Arthur Richard Patick. 1993. The cultural and political dynamics of Zimbabwean wildlife resource use in the Zambezi Valley: A case study of Chapoto ward. Michigan State University, 320 pp. D.A. 54(10):3790-A. Order no. DA9406502.
- Hockett, Bryan Scott. 1993. Taphonomy of the leporid bones from Hogup Cave, Utah: Implications for cultural continuity in the eastern Great Basin. University of Nevada, Reno, 264 pp. Adviser: Gary Haynes. D.A. 54(6):2200-2201-A. Order no. DA9331876.
- Hunter, Andrea A. 1992. Utilization of *Hordeum pusillum* (little barley) in the midwest United States: Applying Rindos' co-evolutionary model of domestication. University of Missouri-Columbia, 361 pp. Supervisor: Deborah M. Pearsall. D.A. 54(5):1852-A. Order no. DA9327836.
- Jarvis, Devra Ivy. 1993. Vegetation and climate change in Mianning County, southwestern Sichuan Province, China. University of Washington, 254 pp. D.A. 54(8):4054-B. Order no. DA9401439.
- Johnston, Bernard Charles. 1992. Plant use among the Metis near Lac La Biche, Alberta: A study of tradition and change. University of Northern Colorado, 175 pp. D.A. 54(3):1053-A. Order no. DA9319987.
- Kennelly, Edward James. 1993. The ethnobotany and ethnopharmacology of *Gouania lupuloides*. Washington University, 256 pp. D.A. 54(6):2849-B. Order no. DA9330243.
- Khresat, Sa'eb Abdelhaleem. 1993. Soils and geomorphology of an intermontaine basin near Orogrande, New Mexico. New Mexico State University, 117 pp. D.A. 54(7):3400-B. Order no. DA9333496.
- Knott, Catherine Henshaw. 1993. Views of the forest: Local people and indigenous knowledge in the Adirondack Park land-use conflict. Cornell University, 476 pp. D.A. 54(9):3491-A. Order no. DA9406145.
- Lieberman, Daniel Eric. 1993. Mobility and strain: The biology of cementogenesis and its application to the evolution of hunter-gatherer seasonal mobility during the Late Quarternary in the northern Levant. Harvard University, 460 pp. D.A. 54(3):985-A. Order no. DA9318704.
- Lupo, Karen D. 1993. A taphonomic analysis of Hadza-produced bone assemblages. University of Utah, 410 pp. D.A. 54(10):3786-A. Order no. DA9409473.
- Magistro, John Vito. 1994. Ecology and production in the middle Senegal Valley wetlands. State University of New York at Binghamton, 508 pp. Adviser: Michael M. Horowitz. D.A. 55(2):309-A. Order no. DA9417867.
- Martínez y Díaz de Salas, Mahinda Luisa. 1993. Systematics of *Physalis* (Solanaceae) Section *Epeteiorhiza*. University of Texas at Austin, 257 pp. D.A. 54(8):3944-B. Order no. DA9400950.
- Mehta, Manjari. 1994. The transformation of subsistence agriculture and gender inequalities in a central Himalayan valley, Uttar Pradesh, India. Boston University, 372 pp. Major Professor: Hanna Papanek. D.A. 55(1):108-A. Order no. DA9417321.
- Meeker, James Edwin. 1993. The ecology of "wild" wild-rice (*Zizania palustris* var. *palustris*) in the Kakagon Sloughs, a riverine wetland on Lake Superior. University of Wisconsin-Madison, 376 pp. D.A. 54(8):3945-B. Order no. DA9326045.

- Meikle, William Grems. 1992. Evaluating the sustainability of subsistence farmer practices in West Africa. University of California-Berkeley, 209 pp. D.A. 54(6):2819-2820-B. Order no. DA9330643.
- Mohd, Rusli Bin. 1993. Rainforest policies and U.S. NGOs: organization, policy positions and tactics of influence. North Carolina State University, 112 pp. D.A. 54(9):4464-B. Order no. DA9404142.
- Molloy, Paula Marie. 1993. Cod, commerce, and climate: A case study from Late Medieval/Early Modern Iceland. Harvard University, 232 pp. Adviser: Stephen Williams. D.A. 54(6):2201-A. Order no. DA9331077.
- Morrison, Kathleen Diane. 1992. Transforming the agricultural landscape: Intensification of production at Vijayanagara, India. University of California, Berkeley, 617 pp. D.A. 54(6):2201-2202-A. Order no. DA9330653.
- Pastor, Robert F. 1993. Dental microwear among prehistoric inhabitants of the Indian subcontinent: A quantitative and comparative analysis. University of Oregon, 493 pp. Adviser: John R. Lukacs. D.A. 54(9):3496-3497-A. Order no. DA9405209.
- Pendleton, Michael Wayne. 1993. Late Holocene paleoenvironment and human ecology in southwestern New Mexico. Texas A & M University, 242 pp. Chair: Vaughn M. Bryant, Jr. D.A. 54(5):1853-A. Order no. DA9328786.
- Phillips, Oliver L.B. 1993. Comparative valuation of tropical forests in Amazonian Peru. Washington University, 312 pp. D.A. 54(10):5007-B. Order no. DA9409067.
- Price, Lisa Marie Leimar. 1993. Women's wild plant food entitlements in Thailand's agricultural Northeast. University of Oregon, 223 pp. Adviser: Carol Silverman. D.A. 54(12):4499-A. Order no. DA9415141.
- Salafsky, Nick N. 1993. The forest garden project: an ecological and economic study of a locally developed land-use system in West Kalimantan, Indonesia. Duke University, 342 pp. D.A. 54(10):5082-B. Order no. DA9404268.
- Shaw, Chester Worth, Jr. 1993. Human responses to past climate, environment, and population in two Mogollon areas of New Mexico. University of Arizona, 254 pp. Directors: J. Jefferson Reid; Donald A. Graybill. D.A. 54(4):1434-A. Order no. DA9322667.
- Shelley, Steven Douglas. 1993. Analysis of the faunal remains from the Wallace Ruin: A Chacoan outlier near Cortez, Colorado. Washington State University, 376 pp. Chair: Carl Gustafson. D.A. 54(12):4496-A. Order no. DA9414812.
- Singleton, Dawn. 1993. A gathering of wisdoms: mental health concerns as identified by urban Indians in the Dallas-Fort Worth metroplex. Texas Woman's University, 144 pp. D.A. 54(12):6129-B. Order no. DA9407783.
- Sobel, Gail L. 1993. The ethnobotany of the grain amaranths with special reference to San Miguel del Melagro, Tlaxcala, Mexico. City University of New York, 346 pp. D.A. 54(9):4482-B. Order no. DA9405586.
- Soule, Jacqueline Anne. 1993. Systematics of *Tagetes* (Asteraceae-Tageteae). University of Texas at Austin, 806 pp. D.A. 54(12):6019-B. Order no. DA9413605.
- Stewart, Andrew McLean. 1993. Caribou Inuit settlement response to changing resource availability on the Kazan River, Northwest Territories, Canada. University of California, Santa Barbara, 292 pp. Chairman: Michael Jochim. D.A. 55(2):307-308-A. Order no. DA9419114.
- Sumarriba, Eduardo José. 1993. Allocation of farm area to crops in an unstable

- Costa Rican agricultural community. University of Michigan, 176 pp. D.A. 54(7):3403-B. Order no. DA9332167.
- Sussenbach, Tom. 1993. Agricultural intensification and Mississippian developments in the confluence region of the Mississippi River Valley. University of Illinois at Urbana-Champaign, 177 pp. Adviser: R. Barry Lewis. D.A. 54(11):4154-A. Order no. DA9411796.
- Suttisri, Rutt. 1993. Phytochemical studies on the constituents of *Periandra dulcis* and *Baccharis genistelloides*. University of Illinois at Chicago, Health Sciences Center, 205 pp. D.A. 54(12):6019-B. Order no. DA9414936.
- Touré, Alamir Sinna. 1992. Ecologie et production primaire des pâturages au moyen-Bani-Niger, Mali [Ecology and primary production of pasture in Middle-Bani-Niger, Mali]. Université Laval (Canada), 172 pp. D.A. 54(6):2836-B. ISBN 0-315-79577-8. Order no. DANN79577. Dissertation and abstract in French.
- Turner, Matthew Drew. 1992. Living on the edge: Fulße herding practices and the relationship between economy and ecology in the inland Niger Delta of Mali. University of California, Berkeley, 481 pp. Chair: Michael Watts. D.A. 54(6):2280-A. Order no. DA9330768.
- Wakhungu, Judi Wangalwa. 1993. Energy resources management in Kenya: the solution as the problem. Pennsylvania State University, 235 pp. D.A. 54(5):2420-B. Order no. DA9326962.
- Walker, Karen Jo. 1992. The zooarchaeology of Charlotte Harbor's prehistoric maritime adaptation: Spatial and temporal perspectives. University of Florida, 293 pp. Chairman: Michael E. Moseley. D.A. 54(6):2202-A. Order no. DA9331226.
- Warren, Sarah Timberlake. 1993. The political ecology of rural development forestry: land use and species choice in Gujarat, India. Yale University, 298 pp. D.A. 54(5):2303-2304-B. Order no. DA9325424.
- Wells, Carl D. 1993. Isolation and evaluation of insecticidal volatiles from the genus *Tagetes*. University of Alabama, 208 pp. D.A. 54(3):1376-B. Order no. 9313076.