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**RECENT DOCTORAL DISSERTATIONS  
OF INTEREST TO ETHNOBIOLOGISTS:  
FALL 1991-FALL 1992**

TERENCE E. HAYS

*Department of Anthropology and Geography*

*Rhode Island College*

*Providence, RI 02908*

and

JOSEPH E. LAFERRIÈRE

*Arnold Arboretum of Harvard University*

*22 Divinity Avenue*

*Cambridge, MA 02138*

This is the tenth in an annual series of bibliographies listing selected dissertations drawn from the pages of Dissertation Abstracts (D.A.). All 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 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: Volume A (Humanities and Social Sciences): September 1991-August 1992; Volume B (Sciences and Engineering): September 1991-August 1992; Volume C (European Dissertations): Fall 1991-Summer 1992. 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.

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**RESUMEN.**—En este bibliografía se incluyen dissertaciones 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 dissertación 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 dissertationes récentes d'intérêt aux ethnobiologistes. Chez chaque une on 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).

- Adeetuk, Thomas Akanpasagi. 1991. Land tenure and food production in northern Ghana: 1900-1985. University of Wisconsin-Madison, 215 pp. D.A. 52(7): 3507-B. Order no. DA9128892.
- AL-Duleimi, Saadoon J.F. 1990. An analysis of factors that influence adoption of improved agricultural practices among Iraqi farmers. University of Keele (United Kingdom), 340 pp. D.A. 53(1):196-197-A. Order no. BRDX95704.
- Asfaw, Zemede. 1990. The barley of Ethiopia: A focus on the infraspecific taxa. Uppsala Universitet (Sweden), 33 pp. ISBN: 91-554-2454-6. D.A. 53(2):235-C.
- Baied, Carlos Alberto. 1991. Late-Quaternary environments and human occupation of the south-central Andes. University of Colorado at Boulder, 151 pp. Directors: David L. Green; Vera Markgraf. D.A. 53(2):537-A. Order no. DA9220391.
- Baldé, Mamadou Aliou. 1990. Biological and phytochemical investigations on three plants widely used in Guinean traditional medicine [*Pavetta owariensis*, *Borreria verticillata*, and *Harrisonia abyssinica*]. Universitaire Instelling Antwerpen (Belgium), 418 pp. D.A. 52(5):2383-B. Order no. DA9129659.
- Batmanian, Garo Joseph. 1990. Reforestation of degraded pastures in the Brazilian Amazon: Effect of site preparation on phosphorus availability in the soil. University of Georgia, 150 pp. D.A. 52(4):1823-B. Order no. DA9117276.
- Baum, David Alastair. 1991. The pollination and floral biology of *Adansonia* (Bombaceae): A phylogenetic approach. Washington University, 421 pp. D.A. 52(10):5057-B. Order no. DA9209159.
- Beavis, John. 1990. The effects of land use and burial on the amino acid composition of soils. Volumes I and II. University of Reading (United Kingdom), 676 pp. D.A. 52(6):2187-A. Order no. BRDX93624.
- Beck, Hans Troster. 1991. The taxonomy and economic botany of the cultivated guaraná and its wild relatives and the generic limits within the Paullinieae (Sapindaceae). Volumes I and II. City University of New York, 551 pp. D.A. 52(9):4550-B. Order no. DA9207049.

- Bellquist, Julia Bonner. 1991. Ecological etymology: The history of the Germanic carnivore names in their archaeological, ecological, and linguistic setting. University of Texas at Austin, 472 pp. Supervisor: Edgar C. Polome. D.A. 52(12):4312-A. Order no. DA9212486.
- Bermawie, Nurliani. 1990. Isozymic variability and barriers to hybridisation between *Capsicum chacoense* and two purple-flowered species (*Capsicum pubescens* and *Capsicum tovari*). University of Reading (U.K.), 273 pp. D.A. 52(4):1814-B. Order no. BRDX92874.
- Bian, Ling. 1991. Effects of spatial scale on estimating the relationship between vegetation and topography in a mountainous environment. University of North Carolina at Chapel Hill, 213 pp. Director: Stephen J. Walsh. D.A. 52(10):3692-A. Order no. DA9207935.
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- Bowen, Jonathan Emerson. 1992. The late prehistory of northwestern Ohio. Ohio State University, 164 pp. Adviser: Richard W. Yerkes. D.A. 53(2):537-A. Order no. DA9218957.
- Brough, Susan Helen. 1991. The nutritional evaluation of cassava (*Manihot esculenta* Crantz). University of Nottingham (U.K.), 247 pp. D.A. 52(9):4535-B. Order no. BRD-94381.
- Brown, N.D. 1990. Dipterocarp regeneration in tropical rain forest gaps of different sizes. University of Oxford (U.K.), 184 pp. D.A. 52(8):3971-B. Order no. BRD-94146.
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- Burford, Mark Derek. 1990. Chemotaxonomic study of feverfew (*Chrysanthemum parthenium*). University of Technology, Loughborough (U.K.), 272 pp. D.A. 52(1):277-B. Order no. BRDX95690.
- Burjachs i Casas, Francesc. 1990. Palinologia dels dòlmens de l'alt empordà i dels dipòsits quaternaris de la Cova de l'Arbreda (Serinyà, Pla de l'Estany) i del Pla de l'Estany (Olot, Garrotxa): Evolució del paisatge vegetal i del clima des de fa més de 140,000 anys al N.E. de la Península Ibèrica [Palynology of dolmens of the Alt Empordà of the quaternary deposits of the Cova de l'Arbreda (Serinyà, Pla de l'Estany) and of the Pla de l'Estany (Olot, Garrotxa): Evolution of the vegetation and climate from over 140,000 years ago in the northeastern part of the Iberian Peninsula.] (Dissertation in Catalan.) Universitat Autònoma de Barcelona (Spain). ISBN: 84-7488-783-6. D.A. 52(4):561-C.
- Castro, Vilma. 1991. The microclimate of corn and bean cropping systems: Its relationship with *Dalbulus maidis*, some aphids, and the diseases they transmit. University of Illinois at Urbana-Champaign, 124 pp. Adviser: Scott A. Isard. D.A. 52(3):1034-A. Order no. DA9124388.

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- Fiddes, Nick. 1989. Meat: A natural symbol. University of Edinburgh (U.K.), 294 pp. D.A. 52(7):2607-A. Order no. BRD-93862.
- Finch, John David. 1991. Coffee, development, and inequality in the Papua New Guinea highlands. City University of New York, 333 pp. Adviser: Mervyn J. Meggitt. D.A. 52(9):3329-3330-A. Order no. DA9207073.
- Finney, Mark Arnold. 1991. Ecological effects of prescribed and simulated fire on the coast redwood (*Sequoia sempervirens*) (D. Don) Endl.). University of California-Berkeley, 194 pp. D.A. 52(8):3972-B. Order no. DA9203560.
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- Green, Terrence Patrick. 1990. Phytochemical studies of selected species of *Piper*. University of Iowa, 161 pp. D.A. 52(3):1436-B. Order no. DA9122061.
- Gumerman, George John. 1991. Subsistence and complex societies: Diet between diverse socio-economic groups at Pacatnamu, Peru. University of California, Los Angeles, 379 pp. Co-Chairs: Christopher Donnan; Timothy Earle. D.A. 52(12):4381-A. Order no. DA9213668.
- Hagos, Mekonen. 1989. Phytochemical and pharmacological investigations of *Acacia tortilis*, a Somalian medicinal plant used to treat asthma. Uppsala Universitet (Sweden), 53 pp. ISBN: 91-554-2461-9. D.A. 53(2):315-316-C.
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- Hammond, David Scott. 1991. The restoration of tropical dry forest after agriculture in Chiapas, Mexico. University of East Anglia (U.K.), 253 pp. D.A. 52(6):2846-B. Order no. BRDX93486.
- Hasler, Andreas Rolf. 1990. Flavonoide aus *Ginkgo biloba* L. und HPLC-Analytik von Flavonoiden in verschiedenen Arzneipflanzen. [Flavonoids of *Ginkgo biloba* L. and HPLC analyses of flavonoids in various medicinal plants.] (Dissertation in German.) Eidgenössische Technische Hochschule Zurich (Switzerland), 306 pp. D.A. 52(4):618-C.
- Higginbotham, James Arnold, III. 1991. Artificial fishponds in Roman Italy during the late Republic and early Empire. University of Michigan, 386 pp. Co-chairs: Elaine K. Gazda; John Griffiths Pedley. D.A. 52(3):975-A. Order no. DA9124020.
- Higuera-Gundy, Antonia. 1991. Antillean vegetational history and paleoclimate reconstructed from the paleolimnological record of Lake Miragoane, Haiti. University of Florida, 110 pp. D.A. 52(10):5070-B. Order no. DA9209022.
- Hogan, Michael. 1991. Land tenure and differentiation in Nuevo Lima, Peru: Articulated development in the high rainforest. University of California, Riverside, 307 pp. Chairperson: Michael Kearney. D.A. 52(12):4384-A. Order no. DA9214731.
- Hudson, Jean Leslee. 1990. Advancing methods in zooarchaeology: An ethnoarchaeological study among the Aka. University of California, Santa Barbara. 381 pp. Chair: Michael Jochim. D.A. 52(5):1795-A. Order no. DA9130092.
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- Jiménez-Osornio, Juan José-María. 1991. Ecological basis of weed management in the chinampa agroecosystem. University of California-Riverside, 167 pp. D.A. 52(12):6142-B. Order no. DA9214736.
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- Jones, Cynthia S. 1990. The developmental basis of leaf shape variation in a wild and a cultivated subspecies of *Cucurbita* (*C. argyrosperma*). University of California-Berkeley, 222 pp. D.A. 52(4):1815-B. Order no. DA9126630.
- Jones, John Glendon. 1991. Pollen evidence of prehistoric forest modification and Maya cultivation in Belize. Texas A&M University, 141 pp. Chairman: Vaughn M. Bryant, Jr. D.A. 53(1):195-A. Order no. DA9216951.
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- Lamont, Eric E. 1991. Taxonomy of *Eupatorium* Section *Verticillata* (Asteraceae). City University of New York, 217 pp. D.A. 52(9):4551-B. Order no. DA 9207091.
- Landon, David Bachenheimer. 1991. Zooarchaeology and urban foodways: A case study from eastern Massachusetts. Volumes I and II. Boston University, 528 pp. Major Professor: Mary C. Beaudry. D.A. 52(3):976-A. Order no. DA9122923.
- Lebo, Cathy Jean. 1991. Anasazi harvests: Agroclimate, harvest variability, and agricultural strategies on prehistoric Black Mesa, northeastern Arizona. Indiana University, 521 pp. Chairperson: Geoffrey W. Conrad. D.A. 52(9): 3327-A. Order no. DA9205950.
- Lehtinen, Ari Auskutti. 1991. Northern natures: a study of timber-line conflict in Finland. Helsingin Yliopisto (Finland), 112 pp. D.A. 52(4):524-525-C.
- Lennstrom, Heidi Annette. 1992. Intrasite spatial variability and resource utilization in the prehistoric Peruvian highlands: An exploration of method and theory in paleoethnobotany. University of Minnesota, 441 pp. Adviser: Christine A. Hastorf. D.A. 53(1):196-A. Order no. DA9215985.
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- Marean, Curtis William. 1990. Late Quaternary paleoenvironments and faunal exploitation in East Africa. University of California-Berkeley, 518 pp. D.A. 52(4):1404-A. Order no. DA9126689.
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## BOOK REVIEW

**Psychedelics Encyclopedia.** Peter Stafford. Berkeley, CA: Ronin Publishing, Inc. (Box 1035, Berkeley, CA 94701), 1992. (Third edition). Pp. iii, 91, and 420. \$24.95. ISBN 0-914171-51-8.

In this significantly expanded third edition of *Psychedelics Encyclopedia*, Peter Stafford has offered much additional and interesting material. The earlier editions were excellent sources of information much of which were difficult to find elsewhere, but this third edition provides an incredible amount of new material as well as what the earlier editions offered. Among the additions may be cited an update of scientific research, particularly chemical research, a discussion of changing social and political considerations concerning psychoactive substances, an obituary of leaders in the study of psychoactive plants and materials and other aspects bringing the story up-to-date.