
Editor's Preface

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This book focuses on the relationship between mobility and migration and human–environment relations in indigenous and folk Amazonia. Most of the chapters are revised versions of papers presented at the International Society of Ethnobiology's Ninth International Congress, held at the University of Canterbury, Kent, UK, in June 2004. The motivation for putting together the panel – named 'The Ethnobiology of Mobility, Displacement and Migration in Indigenous Lowland South America' – and subsequently for compiling this volume grew out of several interests and concerns. The first of these, echoing the broader theme of the Congress – Ethnobiology, Social Change and Displacement – recognises mobility and migration as highly relevant, both theoretically and in more applied contexts, for all of us interested in a better understanding of how human societies perceive, experience and structure their symbolic and material interactions with the environment in an increasingly articulated, changing and contingent world.

A second, more specific, motivation for collating these papers emerged from a personal sense that a disjuncture of sorts exists within the field of ethnobiology and ethnoecology in Amazonia – and perhaps beyond. While human ecologists, ethnobotanists and Amazonianists in related fields have become increasingly sensitive to, and interested in, the historical contingency of nature and of human–environment interactions, and while there has been a simultaneous, generalised and growing interest in the processual aspects of ethnoecology,¹ there remains a strong residual

1. This interest in processual issues is exemplified by recent interest in questions relating to the dynamism, variability and transformation of ethnoecological systems. See, for example, Nazarea (1999), Berkes et al. (2000), Ellen et al. (2000), Zent (2001), Heckler (2002), Hunn (2002), Ross (2002), Zarger (2002), Barrera-Bassols and Toledo (2005), Reyes-García et al. (2005) and Balée and Erickson (2006).

tendency, often implicit, to view these largely as the product of long-term historical emplacement and spatial stasis. Even when spatial stasis is not assumed, it is still not given the same level of attention as other historical processes.

While the consequences of demographic collapse and integration into the state and market economy have drawn considerable attention, the other major impact of European colonisation – the spatial reorganisation of indigenous societies – has not been as extensively or systematically examined (cf. Taylor and Bell 2004: 1). Moreover, while there has been a considerable amount of discussion on the relationship between indigenous migration and changes in mobility and demography and health and subsistence (McNeill 1980; Kroeger and Barbira Freedman 1988; Roberts et al. 1992; Zent 1993; Hill and Hurtado 1995; Coimbra et al. 2002), relatively little attention has been directed at exploring the links with other aspects of human–environment relations, including ethnobotanical and ethnoecological knowledge, the evolution, distribution and abundance of plant resources, or the symbolic representation of nature and landscapes (but see, for example, Cárdenas and Politis 2000; Little 2001; Posey 2002a; Rival 2002; Pieroni and Vandebroek 2007).

The time seems ripe, therefore, to pay closer attention to the links and relationships between movement, mobility, migration and displacement and indigenous and folk ethnoecology. Contributing to the growing literature on the historical and political ecology of Amazonia (Schmink and Wood 1992; Balée 1994; Fisher 2000; Little 2001; Posey 2002b; Heckenberger 2005) and drawing on a wide range of perspectives, theoretical approaches and disciplines – including social anthropology, historical ecology, geography, ethnobotany, botany and evolutionary biology – this collection of case studies from different parts of the Amazon and Orinoco river basins in Colombia, Ecuador, Brazil, Peru, Bolivia and Venezuela seeks to fill some of the existing gaps in our current understanding of the relationship between social change and ethnoecology in lowland South America. Rather than attempt to offer a systematic or comprehensive overview of what is an extremely broad and complex topic, this book aims to illustrate links, identify interesting patterns and trends, demonstrate a range of approaches and flag areas for future study. A substantial introduction is also included at the outset in the hope that it will provide a suitable background and help orient readers not familiar with some of the concepts, ideas or vast literature relevant to indigenous mobility and migration, and their relation to Amazonian history and ethnoecology.

As the title suggests, the outlook of this volume is premised on the logic and coherence of certain geographical, social and epistemological boundaries and categories. Amazonia is used here in its broadest sense, and taken to include the Orinoco basin, as well as adjacent coastal areas (including the Brazilian *Mata Atlântica*), and the Andean piedmont. While

the clear-cut boundary between the Amazonian lowlands and the adjacent highlands is, as Dudley (this volume) underscores, a recent historical construct, and while the two regions have been thoroughly interconnected throughout much of their human history, the Andean highlands and Amazonia have experienced quite different historical trajectories and, though interconnected, are socially and ecologically quite distinct.

The scope of this book is not restricted to people who self-identify as indigenous, but also covers so-called 'folk' societies; social collectivities with relatively long histories of occupation in Amazonia. This includes the detribalised descendants of indigenous peoples, many of whom extensively intermarried with Europeans and Africans, forging an Amazonian peasantry widely referred to as *riberieños* or *caboclos*. It also includes the descendants of runaway slaves – known as *quilombos* or *cimarrones* in Brazil and parts of Latin America, respectively – and more generally Afro-indigenous groups, who form distinct 'traditional' communities throughout much of the lowland tropics of South America. Deserving of treatment, but not included in this volume due to necessary limitations in size and scope, are the recent migrant and settler communities, who comprise an important proportion of rural and urban Amazonia, and whose background and reality pose a different, though clearly not mutually exclusive or unrelated, set of questions and problems for ethnoecologists.²

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2. For case studies discussing environmental and political issues relating to internal migration and colonisation in Amazonia, see, for example, Schmink and Wood (1984), Schumann and Partridge (1989), Goodman and Hall (1990) and Painter and Durham (1995).

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References

- Balée, W. 1994. *Footprints of the Forest: Ka'apor Ethnobotany – The Historical Ecology of Plant Utilization by an Amazonian People*. New York: Columbia University Press.
- Balée, W. and C.L. Erickson (eds) 2006. *Time and Complexity in Historical Ecology. Studies in the Neotropical Lowlands*. New York: Columbia University Press.
- Barrera-Bassols, N. and V.M. Toledo 2005. 'Ethnoecology of the Yucatec Maya: Symbolism, Knowledge and Management of Natural Resources', *Journal of Latin American Geography* 4 (1): 9–41.
- Berkes, F., J. Colding and C. Folke 2000. 'Rediscovery of Traditional Ecological Knowledge as Adaptive Management', *Ecological Applications* 10: 1251–62.
- Cárdenas, D. and G. Politis 2000. *Territorio, Movilidad, Etnobotánica y Manejo del Bosque de los Nukak Orientales, Amazonía Colombiana*. Santafé de Bogota: Universidad de los Andes.
- Coimbra, C.E.A.J., N.M. Flowers, F.M. Salzano and R.V. Santos 2002. *The Xavánte in Transition: Health, Ecology, and Bioanthropology in Central Brazil*. Ann Arbor: University of Michigan Press.
- Ellen, R.F., P. Parkes and A. Bicker (eds) 2000. *Indigenous Knowledge and its Transformations: Critical Anthropological Perspectives*. Amsterdam: Harwood Academic Publishers.
- Fisher, W.H. 2000. *Rainforest Exchanges: Industry and Community on an Amazonian Frontier*. Washington and London: Smithsonian Institution Press.
- Goodman, D. and A. Hall (eds) 1990. *The Future of Amazonia: Destruction or Sustainable Development?* London: Macmillan.
- Heckenberger, M.J. 2005. *The Ecology of Power: Culture, Place, and Personhood in the Southern Amazon, A.D. 1000–2000*. London: Routledge.
- Heckler, S. 2002 'Traditional Ethnobotanical Knowledge Loss and Gender among the Piraoa', in J.R. Stepp, F.S. Wyndham and R.K. Zarger (eds), *Ethnobiology and Biocultural Diversity: Proceedings of the Seventh International Congress of Ethnobiology*. Athens, GA: International Society of Ethnobiology/University of Georgia Press, pp. 532–48.

- Hill, K. and A.M. Hurtado 1995. *Ache Life History. The Ecology and Demography of a Foraging People*. New York: Aldine.
- Hunn, E.S. 2002. 'Evidence for the Precocious Acquisition of Plant Knowledge by Zapotec Children', in J.R. Stepp, F.S. Wyndham and R.K. Zarger (eds), *Ethnobiology and Biocultural Diversity: Proceedings of the Seventh International Congress of Ethnobiology*. Athens, GA: University of Georgia Press, pp. 604–13.
- Kroeger, A. and F. Barbira Freedman 1988. 'Cultural Change and Health: The Case of South American Rainforest Indians', in J.H. Bodley (ed.), *Tribal Peoples and Development Issues. A Global Overview*. Mountain View, California: Mayfield Publishing Company, pp. 221–36.
- Little, P. 2001. *Amazonia: Territorial Struggles on Perennial Frontiers*. London: Johns Hopkins University Press.
- McNeill, W.H. 1980. 'Migration Patterns and Infection in Traditional Societies', in N.F. Stanley and R.A. Joske (eds), *Changing Disease Patterns and Human Behaviour*. London and New York: Academic Press, pp. 27–36.
- Nazarea, V.D. 1999. 'Introduction. A View from a Point: Ethnoecology as Situated Knowledge', in V.D. Nazarea (ed.), *Ethnoecology. Situated Knowledge/Located Lives*. Tucson: University of Arizona Press, pp. 3–20.
- Painter, M. and W.H. Durham (eds) 1995. *The Social Causes of Environmental Destruction in Latin America*. Ann Arbor, MI: University of Michigan Press.
- Pieroni, A. and I. Vandebroek (eds) 2007. *Traveling Cultures and Plants: The Ethnobiology and Ethnopharmacy of Human Migrations*. New York and Oxford: Berghahn.
- Posey, D.A. 2002a. 'Environmental and Social Implications of Pre- and Post-contact Situations on Brazilian Indians', in D.A. Posey, *Kayapó Ethnoecology and Culture*. Edited by K. Plenderleith. London and New York: Routledge Harwood Anthropology, pp. 25–33.
- 2002b. *Kayapó Ethnoecology and Culture*. Edited by K. Plenderleith. London and New York: Routledge Harwood Anthropology.
- Reyes-García, V., V. Vadez, E. Byron, L. Apaza, W.R. Leonard, E. Perez and D. Wilkie 2005. 'Market Economy and the Loss of Folk Knowledge of Plant Uses: Estimates from the Tsimane' of the Bolivian Amazon', *Current Anthropology* 46 (4): 651–56.
- Rival, L.M. 2002. *Trekking Through History. The Huaorani of Amazonian Ecuador*. New York: Columbia University Press.
- Roberts, D.F., N. Fujiki and K. Torizuka (eds) 1992. *Isolation, Migration and Health: 33rd Symposium Volume of the Society for the Study of Human Biology*. New York: Cambridge University Press.
- Ross, N. 2002. 'Lacandon Maya Intergenerational Change and the Erosion of Folk Biological Knowledge', in J.R. Stepp, F.S. Wyndham and R.K. Zarger (eds), *Ethnobiology and Biocultural Diversity: Proceedings of the Seventh International Congress of Ethnobiology*. Athens, GA: University of Georgia Press, pp. 585–92.

- Schmink, M. and C.H. Wood 1992 (eds) 1984. *Frontier Expansion in Amazonia*. Gainesville: University of Florida Press.
- 1992. *Contested Frontiers in Amazonia*. New York: Columbia University Press.
- Schumann, D.A. and W.L. Partridge 1989. *The Human Ecology of Tropical Land Settlement in Latin America*. Boulder, CO: Westview Press.
- Taylor, J. and M. Bell 2004. 'Introduction. New World Demography', in J. Taylor and M. Bell (eds), *Population Mobility and Indigenous Peoples in Australasia and North America*. London and New York: Routledge, pp. 1–10.
- Zarger, R.K. 2002. 'Acquisition and Transmission of Subsistence Knowledge by Q'eqchi' Maya in Belize', in J.R. Stepp, F.S. Wyndham and R.K. Zarger (eds), *Ethnobiology and Biocultural Diversity: Proceedings of the Seventh International Congress of Ethnobiology*. Athens, GA: University of Georgia Press, pp. 593–603.
- Zent, S. 1993. 'Donde no hay médico: Las consecuencias culturales y demográficas de la distribución desigual de los servicios médicos modernos entre los Piaroa', *Antropológica* 79: 41–84.
- 2001. 'Acculturation and Ethnobotanical Knowledge Loss among the Piaroa of Venezuela: Demonstration of a Quantitative Method for the Empirical Study of Traditional Ecological Knowledge Change', in L. Maffi (ed.), *On Biocultural Diversity. Linking Language, Knowledge, and the Environment*. Washington and London: Smithsonian Institution Press, pp. 190–211.