

References Cited

- Allais, M. 1953. Le comportement de l'homme rationnel devant le risque: Critique des postulats et axiomes de l'ecole americaine. *Econometrica*, 21:503-546.
- Astuti, R. 1995a. *People of the sea: Identity and Descent among the Vezo of Madagascar*. Cambridge: Cambridge University Press.
- Astuti, R. 1995b. "The Vezo are not a kind of people": Identity, difference, and "ethnicity" among a fishing people of western Madagascar. *American Ethnologist*, 22:464-482.
- Bahuchet, S. 1993. Food supply uncertainty among the Aka pygmies (Lobaye, Central African Republic). in *Peoples of the Ituri*. Pulford, M. H., ed. Fort Worth: Harcourt Brace College Publishers. pp. 171-200.
- Bailey, R. C., M. R. Jenike, P. T. Ellison, G. R. Bentley, A. M. Harrigan, N. R. Peacock 1992. The ecology of birth seasonality among agriculturalists in Central Africa. *Journal of Biosocial Science*, 24:393-412.
- Barkan, C. P. L. 1990. A field test of risk-sensitive foraging in black-capped chickadees (*Parus atricapillus*). *Ecology*, 71:391-400.
- Barnard, C. J., C. A. J. Brown 1985. Risk-sensitive foraging in common shrews (*Sorex araneus* L.). *Behavioral Ecology and Sociobiology*, 16:161-164.
- Barnum, H., L. Squire 1979. A model of an agricultural household: Theory and Evidence. Occasional paper no. 27. Washington: World Bank.
- Bar-Yosef, O., R. H. Meadow 1995. The origins of agriculture in the Near East. in *Last Hunters-First Farmers*. Price, T. D., A. B. Gebauer, eds. Santa Fe: School of American Research Press.
- Bastard, E. J. 1899. Voyage dans la vallée du Bas-Mangoky et à travers le Fiherenana. *Bulletin du Comité de Madagascar*, July:5-14.
- Bateson, M., A. Kacelnik 1995. Preferences for fixed and variable food sources: Variability in amount and delay. *Journal of the Experimental Analysis of Behavior*, 63:313-329.
- Bender, D. R. 1967. A refinement of the concept of household: Families, co-residence, and domestic functions. *American Anthropologist*, 69:493-594.

- Benson, K. E., D. W. Stephens 1996. Interruptions, tradeoffs, and temporal discounting. *American Zoologist*, 36:506-517.
- Berdan, F. F. 1989. Trade and markets in precapitalist states. in *Economic Anthropology*. Plattner, S., ed. Stanford, CA: Stanford University Press. pp. 78-107.
- Berg, G. M. 1977. The myth of racial strife and Merina kinglists: The transformation of texts. *History in Africa*, 4:1-30.
- Berkeli, E. 1926. *Marques des Boeufs et Traditions de Races: Document sur l'Ethnographie de la Côte Occidentale de Madagascar*. Oslo: Bulletin of the Oslo Etnografiske Museum, 2.
- Bernoulli, D. 1954 [1738]. Exposition of a new theory on the measurement of risk. *Econometrica*, 22:23-36.
- Bernstein, P. L. 1996. *Against the Gods: The Remarkable Story of Risk*. New York: John Wiley and Sons.
- Bernus, E. 1988. Seasonality, climatic fluctuations, and food supplies (Sahelian nomadic pastoral societies). in *Coping with Uncertainty in Food Supply*. de Garine, I., G. A. Harrison, eds. Oxford: Clarendon Press. pp. 318-336.
- Bettinger, R. L. 1991. *Hunter-Gatherers: Archaeological and Evolutionary Theory*. New York: Plenum Press.
- Bird, D. W., R. Bliege Bird in press. Children of the reef: Slow learning or Strategic Foraging? *Human Nature*.
- Birkeli, E. 1926. Marques de Boeufs et Traditions de Race. *Bulletin 2*, Oslo Etnografiske Museum.
- Birkeli, E. 1936. Les Vazimba de la côte ouest de Madagascar. *Mémoires de l'Académie Malgache*, 198; Fascicule 22:7-25.
- Birkhead, T. R., S. Pringle 1988. Extra-pair copulation and sperm competition in the zebra finch. *Nature*, 334:60-62.
- Blanc-Pamard, C., F. Rebara 1997. *A l'Ouest d'Analabo: La Mobilité des Hommes, des Cultures et des Troupeaux dans le Masikoro (Sud-Ouest de Madagascar)*. Antananarivo: GEREM: ORSTOM (IRD)-CNRE.
- Bliege Bird, R. 1999. Cooperation and conflict: The behavioral ecology of the sexual division of labor. *Evolutionary Ecology*, 8:65-75.

- Bliege Bird, R., D. W. Bird in press, a. Constraints of knowing or constraints of growing? Fishing and collecting among the children of Mer. *Human Nature*.
- Bliege Bird, R., D. W. Bird in press, b. Gendered fishing among the Meriam: Implications for the sexual division of foraging labor. *Current Anthropology*.
- Bliege Bird, R., E. A. Smith, D. W. Bird 2001. The hunting handicap: Costly signaling in human foraging strategies. *Behavioral Ecology and Sociobiology*.
- Blurton Jones, N. G. 1984. A selfish origin for human food sharing: Tolerated theft. *Ethology and Sociobiology*, 5:1-3.
- Blurton Jones, N. G. 1987. Tolerated theft, suggestions about the ecology and evolution of sharing, hoarding and scrounging. *Social Science Information*, 26:31-54.
- Blurton Jones, N., K. Hawkes, P. Draper 1994. Foraging returns of !Kung adults and children: Why didn't !Kung children forage? *Journal of Anthropological Research*, 50:217-248.
- Borgerhoff Mulder, M. 1991. Human behavioural ecology. in *Behavioural Ecology: An Evolutionary Approach*, 3rd ed. Krebs, J. R., N. B. Davies, eds. Oxford: Blackwell. pp. 69-98.
- Borgerhoff Mulder, M., T. M. Caro 1985. The Use of Quantitative Observational Techniques in Anthropology. *Current Anthropology*, 26:323-335.
- Bourgignon, F., P.-A. Chiappori 1992. Collective models of household behavior. *European Economics Review*, 36:355-364.
- Brown, J. K. 1970. A note on the division of labor by sex. *American Anthropologist*, 72:1073-1078.
- Brown, M. 1995. *A History of Madagascar*. London: Damien Tunnacliffe.
- Burley, N. T., P. G. Parker, K. Lundy 1996. Sexual selection and extrapair fertilization in a socially monogamous passerine, the zebra finch (*Taeniopygia guttata*). *Behavioral Ecology*, 7:218-226.
- Burney, D. A. 1993. Late Holocene environmental change in arid southwestern Madagascar. *Quaternary Research*, 40:98-106.
- Burney, D. A., Ramilisonina 1999. The *Kilopilopitsofy*, *Kidoky* and *Bokyboky*: Accounts of strange animals from Belo-sur-mer, Madagascar, and the megafaunal "extinction window". *American Anthropologist*, 100:957-966.

- Caraco, T. 1981. Risk-Sensitivity and Foraging Groups. *Ecology*, 62:527-531.
- Caraco, T. 1982. Aspects of risk-aversion in foraging white-crowned sparrows. *Animal Behaviour*, 30:719-727.
- Caraco, T. 1983. White-Crowned Sparrows (*Zonotrichia leucophrys*): Foraging Preferences in a Risky Environment. *Behavioral Ecology*, 12:63-69.
- Caraco, T., L.-A. Giraldeau 1991. Social foraging: Producing and scrounging in a stochastic environment. *Journal of Theoretical Biology*, 153:559-583.
- Caraco, T., S. Martindale, T. S. Whittam 1980. An empirical demonstration of risk-sensitive foraging preferences. *Animal Behaviour*, 28:820-830.
- Cartar, R. V. 1991. A test of risk-sensitive foraging in wild bumble bees. *Ecology*, 72:888-895.
- Cartar, R. V., L. M. Dill 1990. Why are bumble bees risk-sensitive foragers? *Behavioral Ecology and Sociobiology*, 26:121-127.
- Cashdan, E. A., eds. 1985. Coping with risk: Reciprocity among the Basarwa of Northern Botswana. *Man (N.S.)*, 20:454-474.
- Cashdan, E. 1990. *Risk and uncertainty in tribal and peasant economies*. Boulder: Westview.
- Cashdan, E. 1992. Spatial organization and habitat use. in *Evolutionary Ecology and Human Behavior*. Smith, E. A., B. Winterhalder, eds. New York: Aldine de Gruyter. pp. 237-266.
- Charnov, E. L., D. Berrigan 1993. Why do female primates have such long lifespans and so few babies? or life in the slow lane. *Evolutionary Anthropology*, 1:191-194.
- Chayanov, A. V. 1966 [1925]. *The Theory of Peasant Economy*. D. Thorner, B. Kerblay, and R.E.F. Smith, eds. trans. Homewood, IL: Richard D. Irwin.
- Coates, J. E., F. Meade 1960. The energy expenditure and mechanical energy demand in walking. *Ergonomics*, 3:97-119.
- Colson, E. 1979. In good years and in bad: Food strategies of self-reliant societies. *Journal of Anthropological Research*, 35:18-29.
- Colwell, R. K. 1974. Predictability, Constancy, and Contingency of Periodic Phenomena. *Ecology*, 55:1148-1153.

- Cronk, L. 1991. Human behavioral ecology. *Annual Review of Anthropology*, 20:25-53.
- Dahl, O. C. 1951. *Malgache et Maanyan: Une comparaison linguistique*. Oslo: Egede Institutt.
- Dahl, O. C. 1977. La subdivision de la famille Barito et la place du Malgache. *Acta Orientalia*, 38:77-134.
- Davies, N. B. 1992. *Dunnock Behavior and Social Evolution*. Oxford: Oxford University Press.
- Davies, N. B., B. J. Hatchwell, T. Robson, T. Burke 1992. Paternity and paternal effort in dunnocks *Prunella modularis*: How good are male chick feeding rules? *Animal Behaviour*, 43:729-745.
- deCary, M. R. 1943. Le Lac Ihotry. *Bulletin de l'Academie Malgache, Nouvelle Serie*, Tome 25:71-74.
- DEF/IEFN 1997a: Morombe, 1:1,000,000. Département des Eaux et Forêts, Government of Madagascar.
- DEF/IEFN 1997b: Sakaraha, 1:1,000,000. Département des Eaux et Forêts, Government of Madagascar.
- de Garine, I., G. A. Harrison, eds. 1988. *Coping with uncertainty in food supply*. Oxford: Clarendon Press.
- de Janvry, A., M. Fafchamps, E. Sadoulet 1991. Peasant household behaviour with missing markets: Some paradoxes explained. *Economic Journal*, 101:1400-1417.
- Dewar, R. D., H. T. Wright 1993. The culture history of Madagascar. *Journal of World Prehistory*, 7:417-466.
- Drury, R. 1826[1729]. *The Pleasant and Surprising Adventures of Robert Drury During his Fifteen Years' Captivity on the Island of Madagascar*. London: Hunt and Clarke.
- Durnin, J. V. G. A., R. Passmore 1967. *Energy, Work and Leisure*. London: Heinemann Educational Books Ltd.
- Dutilleul, J.-P. 1997: *Tribal Journeys Episode 4: The Mikea: Bushmen of Madagascar* (video). Alexandra Films.
- Ehrenrich, R., C. Crumley, J. E. Levy 1995. *Heterarchy and the Analysis of Complex Societies*. *American Anthropological Association, Archaeological Papers 6*. Arlington, VA: American Anthropological Association.

- Ekman, J. B., M. K. Hake 1990. Monitoring starvation risk: Adjustments of body reserves in greenfinches (*Carduelis chloris* L.) during periods of unpredictable foraging success. *Behavioral Ecology*, 1:62-67.
- Ellis, F. 1993. *Peasant Economics: Farm Households and Agrarian Development*. Cambridge: Press Syndicate of the University of Cambridge.
- Ellis, W. 1880. *History of Madagascar*. London: Fisher, Son, & Co.
- Fagereng, M. E. 1950. Dynastie Andrevola. *Bulletin de l'Academie Malgache, Nouvelle Serie*, 28:136-159.
- Fanony, F. 1986. A propos des Mikea. in *Madagascar: Society and History*. Kottak, C. P., J.-A. Rakotoarisoa, A. Southall, P. Vérin, eds. Durhan, NC: Carolina Academic Press. pp. 133-142.
- Fantino, E., N. Abarca, R. Dunn 1987. The delay-reduction hypothesis: Extensions to foraging and three-alternative choice. in *Quantitative Analysis of Behavior, Vol 5: The Effect of Delay and of Intervening Events on Reinforcement Value*. Commons, M., J. Mazur, J. Nevin, H. Rachlin, eds. Hillsdale, NJ: Erlbaum Publishers. pp. 309-327.
- Flacourt, E. de 1908[1660]. Histoire de la Grande île de Madagascar, 1642-1660. in *Collection des Ouvrages Anciens Concernant Madagascar*. Grandidier, A., H. Froidevaux, G. Grandidier, eds. Paris: Union Coloniale.
- Forbes, H. 1989. Of grandfathers and grand theories: The hierarchised ordering of responses to hazard in a Greek rural community. in *Bad Year Economics: Cultural Responses to Risk and Uncertainty*. Halstead, P., J. O'Shea, eds. Cambridge: Cambridge University Press. pp. 87-97.
- Freudenberger, K. S. 1994. *Tree and Land Tenure: Rapid Rural Appraisal Tools*. Community Forest Field Manual, 4. Rome: Food and Agriculture Organization of the United Nations.
- Friedman, M., L. J. Savage 1948. The utility analysis of choices involving risk. *Journal of Political Economy*, 56:279-304.
- FTM 1968a: Carte de Madigaskara, 1:500,000: Toliara. FTM. .
- FTM 1968b: Carte topographique au 1:100,000. Feuille B-55, Befandefa. FTM. .

- Ganzhorn, J. U., S. Sommer, J.-P. Abraham, M. Ade, B. M. Raharivololona, E. R. Rakotovao, C. Rakotondrasoa, R. Randriamarosa 1996. Mammals of the Kirindry Forest with special emphasis on *Hypogromys antimena* and the affects of logging on small mammal fauna. in *Primate Report Special Issue 46-1*.
- Gibbon, J., R. Church, S. Fairhurst, A. Kacelnik 1988. Scalar expectancy theory and choice between delayed rewards. *Psychology Review*, 95:102-114.
- Gillespie, R. G., T. Caraco 1987. Risk-sensitive foraging strategies of two spider populations. *Ecology*, 68:887-899.
- Giraldeau, L.-A., J. A. Hogan, M. J. Clinchy 1990. The payoffs to producing and scrounging: What happens when patches are divisible? *Ethology*, 85:132-146.
- Giraldeau, L.-A., C. Soos, G. Beauchamp 1994. A test of the producer-scrounger foraging game in captive flocks of spice finches, *Lonchura punctulata*. *Behavioral Ecology and Sociobiology*, 34:251-256.
- Glasow, W., E. A. Müller 1951. Das tragen schwerer säcke in der ebene und auf einer treppe. *Arbeitsphysiologie*, 14:322-327.
- Goland, C. 1993a. Agricultural risk management through diversity: Field scattering in Cuyo Cuyo, Peru. *Culture and Agriculture*, 45-46:8-13.
- Goland, C. 1993b. Field scattering as agricultural risk management: A case study from Cuyo Cuyo, Department of Puno, Peru. *Mountain Research and Development*, 13:317-338.
- Grafen, A. 1984. Natural selection, kin selection and group selection. in *Behavioural Ecology: An Evolutionary Approach, Second Edition*. Krebs, J. R., N. B. Davies, eds. Sunderland, MA: Sinauer Associates. pp. 62-84.
- Grandidier, A., G. Grandidier 1908. *Collection des Ouvrages Anciens Concernant Madagascar*. Paris: Union Coloniale.
- Granovetter, M. 1985. Economic action and social structure: The problem of embeddedness. *American Journal of Sociology*, 91:481-510.
- Green, L., E. B. Fisher, S. Perlow, L. Sherman 1981. Preference reversal and self-control: Choice as a function of reward amount and delay. *Behaviour Analysis Letters*, 1:43-51.
- Green, L., N. Fristoe, J. Myerson 1994. Temporal discounting and preference reversals in choice between delayed outcomes. *Psychonomic Bulletin and Review*, 1:383-389.

- Green, L., J. Myerson 1996. Exponential versus hyperbolic discounting of delayed outcomes: risk and waiting time. *American Zoologist*, 36:496-505.
- Hacking, I. 1975. *The Emergence of Probability: A Philosophical Study of Early Ideas about Probability, Induction, and Statistical Inference*. London: Cambridge University Press.
- Halstead, P. 1989. The economy has a normal surplus: Economic stability and social change among early farming communities in Thessaly, Greece. in *Bad Year Economics: Cultural Responses to Risk and Uncertainty*. Halstead, P., J. O'Shea, eds. Cambridge: Cambridge University Press. pp. 68-80.
- Halstead, P., J. O'Shea 1989, eds. *Bad year economics: Cultural responses to risk and uncertainty*. Cambridge: Cambridge University Press.
- Hames, R. 1990. Sharing among the Yanomamö: Part I, the effects of risk. in *Risk and Uncertainty in Tribal and Peasant Economies*. Cashdan, E., eds. Boulder: Westview Press. pp. 89-106.
- Hames, R. 1992. Time allocation. in *Evolutionary Ecology and Human Behavior*. Smith, E. A., B. Winterhalder, eds. Hawthorne, NY: Aldine de Gruyter. pp. 203-236.
- Hamilton, W. D. 1963. The evolution of altruistic behavior. *The American Naturalist*, 97:354-356.
- Hamilton, W. D. 1964. The genetical evolution of social behaviour. I. *Journal of Theoretical Biology*, 7:1-16.
- Hamm, S. L., S. J. Shettleworth 1987. Risk aversion in pigeons. *Journal of Experimental Psychology: Animal Behavior Processes*, 13:376-383.
- Harpending, H., H. Davis 1977. Some implications for hunter-gatherer ecology derived from the spatial structure of resources. *World Archaeology*, 8:275-286.
- Hawkes, K. 1990. Why do men hunt?: Benefits for risky choices. in *Risk and Uncertainty in Tribal and Peasant Economies*. Cashdan, E., eds. Boulder: Westview Press. pp. 145-166.
- Hawkes, K. 1991. Showing off: Tests of an hypothesis about men's foraging goals. *Ethology and Sociobiology*, 12:29-54.
- Hawkes, K., J. F. O'Connell, N. Blurton Jones 1989. Hardworking Hadza grandmothers. in *Comparative Socioecology: The Behavioural Ecology of Humans and Other Mammals*. Standon, V., R. Foley, eds. Oxford; Blackwell. 341-366.

- Hawkes, K., J. F. O'Connell, N. Blurton Jones 1995. Hadza children's foraging: Juvenile dependency, social arrangements, and mobility among hunter-gatherers. *Current Anthropology*, 36:688-700.
- Hawkes, K., J. F. O'Connell, N. Blurton Jones 1997. Hadza women's time allocation, offspring provisioning, and the evolution of long postmenopausal life spans. *Current Anthropology*, 38:551-577.
- Hegmon, M. 1989. Risk reduction and variation in agricultural economies: A computer simulation of Hopi agriculture. *Research in Economic Anthropology*, 11:89-121.
- Hill, K. 1988. Macronutrient modifications of optimal foraging theory: An approach using indifference curves applied to some modern foragers. *Human Ecology*, 16:157-197.
- Hill, K. 1993. Life history theory and evolutionary anthropology. *Evolutionary Anthropology*, 2:78-88.
- Hill, K., K. Hawkes, A. M. Hurtado, H. Kaplan 1984. Seasonal variance in the diet of Ache Hunter-Gatherers in Eastern Paraguay. *Human Ecology*, 12:101-135.
- Hill, K., A. M. Hurtado 1996. *Ache Life History: The Ecology and Demography of a Foraging People*. Hawthorne, NY: Aldine de Gruyter.
- Hill, K., H. Kaplan 1999. Life history traits in humans: Theory and empirical studies. *Annual Review of Anthropology*, 28:397-430.
- Hill, K., H. Kaplan, K. Hawkes, A. M. Hurtado 1985. Men's Time Allocation to Subsistence Work among the Ache of Eastern Paraguay. *Human Ecology*, 13:29-47.
- Hobbes, T. 1991[1651]. *The Leviathan*. Richard Tuck, ed. Cambridge: Cambridge University Press.
- Hoerner, J. M. 1987. Le "boom" du coton de 1982 à 1986. in *Aombe 1: Elevage et Societe. Etude des Transformations Socio-economiques dans le sud-ouest Malgache: L'exemple du Couloir s'Antseva*. Fieloux, M., J. Lombard, eds. Antananarivo: MRSTD, ORSTOM, ERA. pp. 13-25.
- Hurtado, A. M., K. Hill 1990. Seasonality in a foraging society: Variation in diet, work effort, fertility, and sexual division of labor among the Hiwi of Venezuela. *Journal of Anthropological Research*, 46:293-346.
- Ingold, T., D. Riches, J. Woodburn 1988. *Hunters and Gatherers 1: History, Evolution and Social Change*. New York: Berg.
- Isaac, G. L. 1978. Food sharing and human evolution: Archaeological evidence from the

- Plio-Pleistocene of East Africa. *Journal of Anthropological Research*, 34:311-325.
- Jorde, L. B. 1977. Precipitation cycles and cultural buffering in the prehistoric Southwest. in *For Theory Building in Archaeology*. Binford, L. R., eds. New York: Academic Press. pp. 385-396.
- Joseph, A. M. 1994. *500 Nations: An Illustrated History of North American Indians*. New York: Alfred A. Knopf.
- Kagel, J. H., L. Green, T. Caraco 1986. When foragers discount the future: Constraint or Adaptation? *Animal Behaviour*, 34:271-283.
- Kaplan, H. 1997. The evolution of the human life course. in *Between Zeus and the Salmon: The Biodemography of Longevity*. Wachter, K. W., C. E. Finch, eds. Washington: National Academy Press.
- Kaplan, H., K. Hill 1985. Food sharing among Ache foragers: Tests of explanatory hypotheses. *Current Anthropology*, 26:223-246.
- Kaplan, H., K. Hill 1992. The evolutionary ecology of food acquisition. in *Evolutionary Ecology and Human Behavior*. Smith, E. A., B. Winterhalder, eds. New York: Aldine de Gruyter. pp. 167-201.
- Kaplan, H., K. Hill, K. Hawkes, A. Hurtado 1984. Food sharing among Ache hunter-gatherers of eastern Paraguay. *Current Anthropology*, 25:113-115.
- Kaplan, H., K. Hill, A. M. Hurtado 1990. Risk, foraging, and food sharing among the Ache. in *Risk and Uncertainty in Tribal and Peasant Economies*. Cashdan, E., eds. Boulder, CO: Westview Press. pp. 107-144.
- Kaplan, H., K. Hill, J. Lancaster, A. M. Hurtado 2000. A theory of human life history evolution: Diet, intelligence, and longevity. *Evolutionary Anthropology*, 9:156-185.
- Kelly, R. L. 1995. *The Foraging Spectrum: Diversity in Hunter-Gatherer Lifeways*. Washington: Smithsonian Institution Press.
- Kelly, R. L., L. Poyer 1997. The Mikea of Madagascar: Report of Activities 1993-1995. unpublished.
- Kelly, R. L., J.-F. Rabedimy, L. Poyer 1999. The Mikea of Madagascar. in *The Cambridge Encyclopedia of Hunters and Gatherers*. Lee, R. B., R. Daly, eds. Cambridge: Cambridge University Press. pp. 215-219.
- Kent, R. K. 1970. *Early Kingdoms in Madagascar 1500-1700*. New York: Holt, Rinehart

- and Winston.
- Kent, S. 1992. The current forager controversy: Real versus ideal views of hunter-gatherers. *Man; The Journal of the Royal Anthropological Institute*, 27:45-70.
- Kent, S., ed. 1996. *Cultural Diversity Among Twentieth Century Foragers: An African Perspective*. Cambridge: Cambridge University Press.
- Kirby, K. N., R. J. Hermstein 1995. Preference reversals due to myopic discounting of delayed reward. *Psychological Science*, 6:83-89.
- Klemp, E. 1970. *Africa on Maps Dating from the Twelfth to the Eighteenth Century*. New York: McGraw-Hill Book Co.
- Knight, F. H. 1921. *Risk, Uncertainty and Profit*. Boston: Houghton Mifflin Company.
- Kohler, T. A., C. R. Van West 1996. The calculus of self-interest in the development of cooperation: Sociopolitical development and risk among the Northern Anasazi. in *Evolving Complexity and Environmental Risk in the Prehistoric Southwest*. Tainter, J., B. B. Tainter, eds. Reading, MA: Addison-Wesley. pp. 169-196.
- Krebs, J. R., R. H. McCleery 1984. Optimization in behavioural ecology. in *Behavioural Ecology: An Evolutionary Approach*. Krebs, J. R., N. B. Davies, eds. Sunderland, MA: Sinauer Associates. pp. 91-121.
- Langrand, O. 1990. *Guide to the Birds of Madagascar*. New Haven: Yale University Press.
- LaPlace, P. S. 1988[1814]. Concerning probability. in *The World of Mathematics: A Small Library of the Literature of Mathematics from A'h-mosé the Scribe to Albert Einstein*. Newman, J. R., eds. Redmond, Wa: Tempus Press. pp. 1301-1309.
- Lavondes, H. 1967. *Bekoropoka: Quelques Aspects de la Vie Familiale et Sociale d'un Village Malgache*. Paris: Mouton & Co.
- Lebigre, J.-M., H. Petignat 1998. *Répertoire des plantes du sud-ouest de Madagascar. Feuillet de DyMSET No. 1*. Bordeaux: Université Michel de Montaigne.
- Lee, R. B. 1968. What hunters do for a living, or, how to make out on scarce resources. in *Man the Hunter*. Lee, R. B., I. DeVore, eds. Chicago: Aldine Publishing Company. pp. 30-48.
- Lee, R. B. 1979. *The !Kung San: Men, Women, and Work in a Foraging Society*. Cambridge: Cambridge University Press.
- Lee, R. B., R. H. Daly, eds. 2000. *The Cambridge Encyclopedia of Hunters and Gatherers*.

Cambridge: Cambridge University Press.

- Lee, R., M. Guenther 1991. Oxen or onions? The search for trade (and truth) in the Kalahari. *Current Anthropology*, 32:592-601.
- Lee, R. B., M. Guenther 1993. Problems in Kalahari historical ethnography and the tolerance of error. *History in Africa*, 20:185-235.
- Legge, K. 1989. Changing responses to drought among the Wodaabe of Niger. in *Bad Year Economics: Cultural Responses to Risk and Uncertainty*. Halstead, P., J. O'Shea, eds. Cambridge: Cambridge University Press. pp. 81-86.
- Leslie, P. W., K. L. Campbell, B. C. Campbell, C. S. Kigundu, L. W. Kirumbi 1999. Fecundity and fertility. in *Turkana Herders of the Dry Savanna: Ecology and Biobehavioural Response of Nomads to an Uncertain Environment*. Little, M. A., P. W. Leslie, eds. pp. 249-280.
- Leslie, P. W., P. H. Fry 1989. Extreme Seasonality of Births Among Nomadic Turkana Pastoralists. *American Journal of Physical Anthropology*, 79:103-115.
- Little, M. A., R. Dyson-Hudson, N. Dyson-Hudson, N. L. Winterbauer 1999. Environmental variations in the south Turkana ecosystem. in *Turkana Herders of the Dry Savanna: Ecology and Biobehavioural Response of Nomads to an Uncertain Environment*. Little, M. A., P. W. Leslie, eds. Oxford: Oxford University Press. pp. 317-332.
- Little, M. A., P. W. Leslie, eds. 1999. *Turkana Herders of the Dry Savanna: Ecology and Biobehavioural Response of Nomads to an Uncertain Environment*. Oxford: Oxford University Press.
- Logue, A., A. Chavarro, H. Rachlin, R. Reeder 1988. Impulsiveness in pigeons living in the experimental chamber. *Animal Learning & Behavior*, 16:31-39.
- Logue, A., M. Rodriguez, T. Peña-Correal, B. Mauro 1987. Quantification of individual differences in self-control. in *Quantitative Analyses of Behavior, Vol 5: The Effect of Delay and Intervening Events on Reinforcement Value*. Commons, M., J. Mazur, J. Nevin, H. Rachlin, eds. pp. 245-265.
- Lovejoy, C. O. 1981. The origin of man. *Science*, 211:341-350.
- MacArthur, R. H., E. R. Pianka 1966. On optimal use of a patchy environment. *The American Naturalist*, 100:603-609.
- Mace, R. 1990. Pastoralist herd compositions in unpredictable environments: A comparison

- of model predictions and data from camel-keeping groups. *Agricultural Systems*, 33:1-11.
- Mace, R. 1993. Nomadic pastoralists adopt subsistence strategies that maximise long-term household survival. *Behavioral Ecology*, 33:329-334.
- Mace, R., A. Houston 1989. Pastoralist strategies for survival in unpredictable environments: A model of herd composition that maximises household viability. *Agricultural Systems*, 31:185-204.
- MacPhee, R. D. E., D. A. Burney 1991. Dating of modified femora of extinct dwarf hippopotamus from southern Madagascar: Implications for constraining human colonization and vertebrate extinction events. *Journal of Archaeological Science*, 18:695-706.
- Malhotra, K. C., M. Gadgil 1988. Coping with uncertainty in food supply: Case studies among pastoral and non-pastoral nomads of western India. in *Coping with Uncertainty in Food Supply*. de Garine, I., G. A. Harrison, eds. Oxford: Clarendon Press. pp. 379-404.
- Marchal, J. Y., G. Dandoy 1972. *Contributions à l'Etude Géographique de l'Ouest Malgache*. Paris: ORSTOM (IRD).
- Markowitz, H. 1952. Portfolio selection. *Journal of Finance*, 7:77-91.
- Matsuda, S., T. Sone, T. Doi, H. Kahyo 1993. Seasonality of mean birth weight and mean gestational period in Japan. *Human Biology*, 65:481-.
- Mazur, J. E. 1984. Test of an equivalence rule for fixed and variable reinforcer delays. *Journal of Experimental Psychology: Animal Behavior Processes*, 10:426-436.
- Mazur, J. E. 1987. An adjusting procedure for studying delayed reinforcement. in *Quantitative Analyses of Behavior: Vol 5: The Effect of Delay and Intervening Events on Reinforcement Value*. Commons, M. L., J. E. Mazur, J. A. Nevin, H. Rachlin, eds. Hillside, NJ: Erlbaum. pp. 55-73.
- Mazur, J. E. 1989. Theories of probabilistic reinforcement. *Journal of the Experimental Analysis of Behavior*, 51:87-99.
- McArdle, W. D., F. I. Katch, V. L. Katch 1986. *Exercise Physiology: Energy, Nutrition, and Human Performance*. Philadelphia: Lea & Febiger.
- McCloskey, D. N. 1976. English Open Fields as Behavior Towards Risk. in *Research in Economic History I*. Uselding, P., eds. Greenwich, CT: JAI Press. pp. 124-170.

- McCloskey, D. 1991. The prudent peasant: New findings on open fields. *Journal of Economic History*, 51:343-355.
- Mehr, R. I., E. Cammack 1952. *Principles of Insurance*. Chicago: Richard D. Irwin, Inc.
- Miller, J. E., G. Rodriguez, A. R. Pebley 1994. Lactation, seasonality, and mother's postpartum weight change in Bangladesh: An analysis of maternal depletion. *American Journal of Human Biology*, 6:511.
- Molet, L. 1958. Aperçu sur un groupe nomade de la forêt épineuse des Mikea. *Bulletin de l'Académie Malgache*, 36:241-243.
- Molet-Sauvaget, A. 1992. *Madagascar ou le Journal de Robert Drury par Daniel Defoe*. Paris: Editions L'Harmattan.
- Montoye, H. J., H. C. G. Kemper, W. H. M. Saris, R. A. Washburn 1996. *Measuring Physical Activity and Energy Expenditure*. Champaign Il: Human Kinetics.
- Mouyon, J.-C., P. Francelle 1999. Au sud-ouest de la Grande-Ile: Feu, les Mikea. *Korail*, 32:44-47.
- Myerson, J., L. Green 1995. Discounting of delayed rewards: Models of individual choice. *Journal of the Experimental Analysis of Behavior*, 64:263-276.
- O'Connell, J. F., K. Hawkes, N. G. Blurton Jones 1999. Grandmothering and the evolution of *Homo erectus*. *Journal of Human Evolution*, 36:461-485.
- O'Connell, J. F., P. K. Latz, P. Barnett 1983. Traditional and modern plant use among the Alywara of Central Australia. *Economic Botany*, 37:80-109.
- Ottino, P. 1963. *Les Economies Paysannes Malgaches du Bas Mangoky*. Paris: Berger-Levrault.
- Panter-Brick, C., D. S. Lotstein, P. T. Ellison 1993. Seasonality of reproductive function and weight loss in rural Neapli women. *Human Reproduction*, 8:684-690.
- Parker Pearson, M. 1996. Reassessing *Robert Drury's Journal* as a historical source for southern Madagascar. *History in Africa*, 23:233-256.
- Parker Pearson, M. 1997. Close encounters of the worst kind: Malagasy resistance and colonial disasters in southern Madagascar. *World Archaeology*, 28(3):393-417.
- Passmore, R., J. V. G. A. Durnin 1955. Human energy expenditure. *Physiological Review*, 35:801-840.

- Pennington, J. A. T. 1998. *Bowes & Church's Food Values of Portions Commonly Used*. Philadelphia: Lippincott.
- Peterson, N. 1993. Demand sharing: Reciprocity and the pressure for generosity among foragers. *American Anthropologist*, 95:860-874.
- Plattner, S. 1975. The economics of peddling. in *Formal Methods in Economic Anthropology*. Plattner, S., eds. Washington: American Anthropological Association.
- Plattner, S. 1980. Economic development and occupational change in a developing area of Mexico. *Journal of Developing Areas*, 14:469-482.
- Plattner, S. 1989. Markets and market places. in *Economic Anthropology*. Plattner, S., eds. Stanford: Stanford University Press. pp. 171-208.
- Poirier, J., J. Dez 1963. *Les Groupes Ethniques de Madagascar: Rapports Preliminaires sur un Inventaire des Tribus*. Antananarivo: Facultes des Lettres et Sciences Humaines.
- Poyer, L., R. L. Kelly 2000. Mystification of the Mikea: Constructions of foraging identity in southwest Madagascar. *Journal of Anthropological Research*, 56:163-185.
- Pryor, F. L. 1977. *The Origins of the Economy: A Comparative Study of Distribution in Primitive and Peasant Economies*. New York: Academic Press.
- Rachlin, H., A. W. Logue, J. Gibbon, M. Frankel 1986. Cognition and behavior in studies of choice. *Psychological Review*, 93:33-45.
- Rachlin, H., A. Raineri, D. Cross 1991. Subjective probability and delay. *Journal of the Experimental Analysis of Behavior*, 55:233-244.
- Rarojo, J. 1999. Ny Mikea: tsy lolo ... Les gens de la forêt. *Vintsy*, 26:4-7.
- Reboreda, J. C., A. Kacelnik 1991. Risk sensitivity in starlings: Variability in food amount and food delay. *Behavioral Ecology*, 2:301-308.
- Rogers, A. R. 1994. Evolution of time preference by natural selection. *American Economic Review* :460-481.
- Rousseau, J. J. 1775. *Discours sur l'Origine et des Fondemens de l'Ingalité parmi les Hommes*. Amsterdam: M. M. Rey.
- Rowley-Conwy, P., M. Zvelebil 1989. Saving it for later: Storage by prehistoric hunter-

- gatherers in Europe. in *Bad Year Economics: Cultural Responses to Risk and Uncertainty*. Halstead, P., J. O'Shea, eds. Cambridge: Cambridge University Press. pp. 40-56.
- Sadoulet, E., A. de Janvry 1995. *Quantitative Development Policy Analysis*. Baltimore: Johns Hopkins University Press.
- Sahlins, M. 1968. Notes on the original affluent society. in *Man the Hunter*. Lee, R. B., I. DeVore, eds. Hawthorne, NY: Aldine de Gruyter. pp. 85-89.
- Sahlins, M. 1972. *Stone Age Economics*. Chicago: Aldine.
- Salomon, J. N. 1978. Fourres et forêts seches du sud-ouest malgache. *Madagascar: Revue de Geographie*, 32:19-39.
- Scarry, C. M. 1993. Agricultural risk and the development of the Moundville chiefdom. in *Foraging and Farming in the Eastern Woodlands*. Scarry, C. M., eds. Gainesville: University Press of Florida. pp. 157-181.
- Schoener, T. W. 1974. The compression hypothesis and temporal resource partitioning. *Proceedings of the National Academy of Science USA*, 71:4169-4172.
- Schrire, C., eds. 1984a. *Past and Present in Hunter-Gatherer Studies*. Orlando: Academic Press, Inc.
- Schrire, C. 1984b. Wild surmises on savage thoughts. in *Past and Present in Hunter Gatherer Studies*. Schrire, C., eds. Orlando: Academic Press, Inc. .
- Sibree, J. 1969[1838]. *The Great African Island*. New York: Negro Universities Press.
- Simms, S. R. 1987. *Behavioral Ecology and Hunter-Gatherer Foraging: An Example from the Great Basin*. Oxford: BAR International Series 381.
- Smith, E. A. 1991. *Inujjamiut Foraging Strategies: Evolutionary Ecology of an Arctic Hunting Economy*. New York: Aldine de Gruyter.
- Smith, E. A. 1992a. Human behavioral ecology: I. *Evolutionary Anthropology*, 1:20-25.
- Smith, E. A. 1992b. Human behavioral ecology: II. *Evolutionary Anthropology*, 1:50-55.
- Smith, E. A. 2000. Three styles in the evolutionary analysis of behavior. in *Adaptation and Human Behavior: An Anthropological Perspective*. Cronk, L., N. Chagnon, W. Irons, eds. Hawthorne, NY: Aldine de Gruyter. pp. 27-46.
- Smith, E. A., R. Bliege Bird 2000. Turtle hunting and tombstone opening: Public generosity

- as costly signaling. *Evolution and Human Behavior*, 21:245-261.
- Smith, E. A., B. Winterhalder 1992. Natural selection and decision-making: Some fundamental principles. in *Evolutionary Ecology and Human Behavior*. Smith, E. A., B. Winterhalder, eds. New York: Aldine de Gruyter. pp. 25-60.
- Solway, J. S., R. B. Lee 1990. Foragers, genuine or spurious? Situating the Kalahari San in history. *Current Anthropology*, 31:109-146.
- Sorg, J.-P. 1996. Plant dictionary. in *Primate Report Special Issue 46-1*. Ganzhorn, J. U., J. P. Sorg, eds.
- Starfield, A. M., A. L. Bleloch 1986. *Building Models for Conservation and Wildlife Management*. New York: Macmillan Publishing Company.
- Stearns, S. C. 1981. On Measuring fluctuating environments: Predictability, constancy, and contingency. *Ecology*, 62:185-199.
- Stephens, D. W., J. R. Krebs 1986. *Foraging Theory*. Princeton, NJ: Princeton University Press.
- Stiles, D. 1991. Tubers and tenrecs: The Mikea of southwestern Madagascar. *Ethnology*, 30:251-263.
- Stiles, D. 1998. The Mikea hunter-gatherers of Southwestern Madagascar: Ecology and socioeconomics. *African Studies Monographs*, 19(3):127-148.
- Tanaka, J. 1980. *The San Hunter-Gatherers of the Kalahari: A Study in Ecological Anthropology*. Tokyo: University of Tokyo Press.
- Thaler, R. 1981. Some experimental evidence on dynamic inconsistency. *Economic Letters*, 8:201-207.
- Thomas, R. B. (1973): Human Adaptation to a High Andean Energy Flow System. Occasional Papers in Anthropology No. 7. State College, PA: Pennsylvania State University.
- Thomson, K. S. 1991. *Living Fossil: The Story of the Coelacanth*. New York: W.W. Norton and Company.
- Tucker, B. in press. Mikea origins: Relicts or refugees? *Michigan Discussions in Anthropology*.
- Tuttle, E. M., L. Wulfson, T. Caraco 1990. Risk-aversion, relative abundance of resources

- and foraging preference. *Behavioral Ecology and Sociobiology*, 26:165-171.
- Ushuaïa (1997): Operation Okavango, Episode 23: Les Rescapes du Gondwana (video). Ushuaïa: Paris.
- Vérin, P., C. P. Kottak, P. Gorlin 1970. The glottochronology of Malagasy speech communities. *Oceanic Linguistics*, 8:26-81.
- Vickery, W. L., L.-A. Giraldeau, J. J. Templeton, D. L. Kramer, C. A. Chapman 1991. Producers, scroungers, and group foraging. *American Naturalist*, 137:847-863.
- Vincent, A. S. 1985. Plant foods in savanna environments: A preliminary report of tubers eaten by the Hadza of northern Tanzania. *World Archaeology*, 17:131-147.
- Wardlaw, G. M., P. M. Instel 1996. *Perspectives in Nutrition*, 3rd edition. St. Louis: Mosby-Yearbook, Inc.
- Watt, B. K., A. L. Merrill 1945. *Handbook of the nutritional contents of foods*. U.S.D.A. New York: Dover Publications.
- Westneat, D. F. 1987. Extra-pair fertilizations in a predominantly monogamous bird: genetic evidence. *Animal Behaviour*, 35:877-886.
- Westneat, D. F., P. W. Sherman 1993. Parentage and the evolution of parental behavior. *Behavioral Ecology*, 4:66-77.
- Whittingham, L. A., J. T. Lifjeld 1995. High parental investment in unrelated young: Extra-pair paternity and male parental care in house martins. *Behavioral Ecology and Sociobiology*, 37:103-108.
- Wiessner, P. 1982. Risk, reciprocity and social influences on !Kung San economics. in *Politics and History in Band Societies*. Leacock, E., R. Lee, eds. Cambridge: Cambridge University Press. pp. 61-84.
- Wiessner, P. 1996. Leveling the hunter: Constraints on the status quest in foraging societies. in *Food and the status quest: An interdisciplinary perspective*. Wiessner, P., W. Schiefenovel, eds. Providence: Berghahn Books. pp. 171-191.
- Wilk, R. R., W. L. Rathje 1982. Household archaeology. *American Behavioral Scientist*, 25:617-639.
- Williams, M. H. 1999. *Nutrition for Health, Fitness & Sport*. Boston: WCB McGraw-Hill.
- Wilmsen, E. 1989. *Land Filled with Flies: A Political Economy of the Kalahari*. Chicago:

- University of Chicago Press.
- Wilmsen, E. N., J. R. Denbow 1990. Paradigmatic history of San-speaking peoples and current attempts at revision. *Current Anthropology*, 31:489-524.
- Winterhalder, B. 1981a. Foraging strategies in the boreal forest: An analysis of Cree hunting and gathering. in *Hunter-Gatherer Foraging Strategies: Ethnographic and Archeological Analyses*. Winterhalder, B., E. A. Smith, eds. Chicago: University of Chicago Press. pp. 66-98.
- Winterhalder, B. 1981b. Optimal foraging strategies and hunter-gatherer research in anthropology: Theory and models. in *Hunter-Gatherer Foraging Strategies: Ethnographic and Archeological Analyses*. Winterhalder, B., E. A. Smith, eds. Chicago: University of Chicago Press. pp. 13-35.
- Winterhalder, B. 1986. Diet choice, risk, and food sharing in a stochastic environment. *Journal of Anthropological Archaeology*, 5:369-392.
- Winterhalder, B. 1990. Open field, common pot: Harvest variability and risk avoidance in agricultural and foraging societies. in *Risk and Uncertainty in Tribal and Peasant Economies*. Cashdan, E., eds. Boulder, CO: Westview Press. pp. 67-87.
- Winterhalder, B. 1996. A marginal model of tolerated theft. *Ethology and Sociobiology*, 17:37-53.
- Winterhalder, B. 1997. Gifts given, gifts taken: The behavioral ecology of nonmarket, intragroup exchange. *Journal of Archaeological Research*, 5:121-168.
- Winterhalder, B., F. Lu, B. Tucker 1999. Risk-sensitive adaptive tactics: Models and evidence from subsistence studies in Biology and Anthropology. *Journal of Archaeological Research*, 7:301-348.
- Winterhalder, B., E. A. Smith 1992. Evolutionary ecology and the social sciences. in *Evolutionary Ecology and Human Behavior*. Smith, E. A., B. Winterhalder, eds. New York: Aldine de Gruyter. pp. 3-23.
- Winterhalder, B., E. A. Smith 2000. Analyzing adaptive strategies: Human behavioral ecology at twenty-five. *Evolutionary Anthropology*, 9(2):51-72.
- Woodburn, J. 1991. African hunter-gatherer social organization: Is it best understood as a product of encapsulation? in *Hunters and gatherers 1. History, evolution and social change*. Ingold, T., D. Riches, J. Woodburn, eds. Oxford: Berg. pp. 31-64.
- Wu Leung, W.-T. 1968. *Food Composition Table for Use in Africa*. Rome: Food and

Agriculture Organization of the United Nations.

Young, R. J., H. Clayton, C. J. Barnard 1990. Risk-sensitive foraging in bitterlings, *Rhodeus sericus*: effects of food requirement and breeding site quality. *Animal Behaviour*, 40:288-297.

Yount, J. W. 1995. *Guide to Communication*. Duluth: Itinerant Publications.

Yount, J. W. 1996. Questions of identity in a complex world: The Mikea foragers of SW Madagascar. Presentation at the annual meeting of the Society for Applied Anthropology, Baltimore, MD.

Yount, J. W., Tsiazonera, B. Tucker in press. Constructing Mikea identity: Past or present links to forest and foraging. *Ethnohistory*.

