

References

- Abernethy, K. A., Coad, L., Taylor, G., Lee, M. E., & Maisels, F. (2013). Extent and ecological consequences of hunting in Central African rainforests in the twenty-first century. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **368**(1625), 20120303.
- Adams, W. M., & Hutton, J. (2007). People, parks and poverty: Political ecology and biodiversity conservation. *Conservation and Society*, **5**(2), 147–183.
- Adejinmi, J. O., & Emikpe, G. E. (2011). Helminth parasites of some wildlife in Asejire Game Reserve, Nigeria. *South African Journal of Wildlife Research*, **41**(2), 214–217.
- Adu, E. K., Asafu-Adjaye, A., & Hagan, B. A. (2013). The grasscutter: An untapped resource of Africa's grasslands. In *International Grassland Congress Proceedings*, Orange, Australia: New South Wales Department of Primary Industry, 3.
- Afelt, A., Frutos, R., & Devaux, C. (2018a). Bats, coronaviruses, and deforestation: Toward the emergence of novel infectious diseases? *Frontiers in Microbiology*, **9**, 702.
- Afelt, A., Lacroix, A., Zawadzka-Pawlewska, U., Pokojski, W., Buchy, P., & Frutos, R. (2018b). Distribution of bat-borne viruses and environment patterns. *Infection, Genetics and Evolution*, **58**, 181–191.
- Ahmadi, S., Maman, S., Zoumenou, R., *et al.* (2018). Hunting, sale, and consumption of bushmeat killed by lead-based ammunition in Benin. *International Journal of Environmental Research and Public Health*, **15**(6), 1140.
- Aiyadurai, A. (2007). *Hunting in a Biodiversity Hotspot: A survey on hunting practices by indigenous communities in Arunachal Pradesh, North-east India (Report to Rufford Maurice Laing Foundation, UK)*, Mysore, India: Nature Conservation Foundation.
- Aiyadurai, A., Singh, N. J., & Milner-Gulland, E. J. (2010). Wildlife hunting by indigenous tribes: A case study from Arunachal Pradesh, north-east India. *Oryx*, **44**(4), 564–572.
- Akani, G. C., Luiselli, L., Angelici, F. M., & Politano, E. (1998). Bushmen and herpetofauna: Notes on amphibians and reptiles traded in bush-meat markets of local people in the Niger Delta (Port Harcourt, Rivers State, Nigeria). *Anthropozoologica*, **27**, 21–26.
- Akçakaya, H. R., & Root, W. (2002). *RAMAS Metapop: Viability Analysis for Stage-Structured Metapopulations (Version 4.0)*, Setauket, NY: Applied Biomathematics.
- Akçakaya, H. R., & Sjögren-Gulve, P. (2000). Population viability analyses in conservation planning: An overview. *Ecological Bulletins*, **48**, 9–21.

- Albert, B., & Le Tourneau, F. (2007). Ethnogeography and resource use among the Yanomami: Toward a model of reticular space. *Current Anthropology*, **48**(4), 584–592.
- Albertí, P., Panea, B., Sañudo, C., *et al.* (2008). Live weight, body size and carcass characteristics of young bulls of fifteen European breeds. *Livestock Science*, **114**(1), 19–30.
- Albrechtsen, L., Macdonald, D. W., Johnson, P. J., Castelo, R., & Fa, J. E. (2007). Faunal loss from bushmeat hunting: Empirical evidence and policy implications in Bioko Island. *Environmental Science & Policy*, **10**(7–8), 654–667.
- Alexander, J. S., McNamara, J., Rowcliffe, J. M., Oppong, J., & Milner-Gulland, E. J. (2015). The role of bushmeat in a West African agricultural landscape. *Oryx*, **49**(4), 643–651.
- Alhaji, N. B., Yatswako, S., & Oddoh, E. Y. (2018). Knowledge, risk perception and mitigation measures towards Ebola virus disease by potentially exposed bushmeat handlers in north-central Nigeria: Any critical gap? *Zoonoses and Public Health*, **65**(1), 158–167.
- Aliaga-Rossel, E., & Fragoso, J. M. (2014). Defaunation affects *Astrocaryum gratum* (Arecaceae: Arecales) seed survivorship in a sub-montane tropical forest. *Revista de Biología Tropical*, **63**(1), 57.
- Allan, B. F., Keesing, F., & Ostfeld, R. S. (2003). Effect of forest fragmentation on Lyme disease risk. *Conservation Biology*, **17**(1), 267–272.
- Allan, J. R., Venter, O., & Watson, J. E. M. (2017). Temporally inter-comparable maps of terrestrial wilderness and the Last of the Wild. *Scientific Data*, **4**(1), 170187.
- Allen, T., Murray, K. A., Zambrana-Torrel, C., *et al.* (2017). Global hotspots and correlates of emerging zoonotic diseases. *Nature Communications*, **8**(1), 1124.
- Allocati, N., Petrucci, A. G., Di Giovanni, P., Masulli, M., Di Ilio, C., & De Laurenzi, V. (2016). Bat–man disease transmission: Zoonotic pathogens from wildlife reservoirs to human populations. *Cell Death Discovery*, **2**(1), 16048.
- Alroy, J. (2015). Current extinction rates of reptiles and amphibians. *Proceedings of the National Academy of Sciences of the United States of America*, **112**(42), 13003–13008.
- Althabe, G. (1965). Changements sociaux chez les Pygmées Baka de l’Est-Cameroun. *Cahiers d’études Africaines*, 561–592.
- Altrichter, M. (2005). The sustainability of subsistence hunting of peccaries in the Argentine Chaco. *Biological Conservation*, **126**(3), 351–362.
- Alvard, M. (1995a). Intraspecific prey choice by Amazonian hunters. *Current Anthropology*, **36**(5), 789–818.
- (1995b). Shotguns and sustainable hunting in the Neotropics. *Oryx*, **29**(1), 58–66.
- (1999a). The impact of traditional subsistence hunting and trapping on prey populations: Data from Wana horticulturalists of Upland Central Sulawesi, Indonesia. In J. G. Robinson, & E. L. Bennett, eds., *Hunting for Sustainability in Tropical Forests*, New York: Columbia University Press, 214–230.
- Alvard, M., & Kaplan, H. (1991). Procurement technology and prey mortality among indigenous neotropical hunters. In M. Stiner, ed., *Human Predators and Prey Mortality*, Boulder, CO: Westview Press, 79–104.
- Alvard, M. S. (1993). Testing the ‘ecologically noble savage’ hypothesis: Interspecific prey choice by Piro hunters of Amazonian Peru. *Human Ecology*, **21**(4), 355–387.

- (1994). Conservation by native peoples. *Human Nature*, **5**(2), 127–154.
- (1998). Indigenous hunting in the Neotropics: Conservation or optimal foraging. In T. Caro, ed., *Behavioral Ecology and Conservation Biology*, New York: Oxford University Press, 474–500.
- (1999b). *Mutualistic hunting in the early human diet: The role of meat*. Conference. University of Wisconsin, 261–278.
- Alvard, M. S., & Gillespie, A. (2004). Good Lamalera whale hunters accrue reproductive benefits. In M. Alvard, ed., *Research in Economic Anthropology*, Vol. **23**, Bingley: Emerald, 225–247.
- Alvard, M. S., & Kuznar, L. (2001). Deferred harvests: The transition from hunting to animal husbandry. *American Anthropologist*, **103**(2), 295–311.
- Alvard, M. S., Robinson, J. G., & Kaplan, H. (1997). The sustainability of subsistence hunting in the Neotropics. *Conservation Biology*, **11**(4), 6.
- Alves, R. R., Mendonça, L. E., Confessor, M. V., Vieira, W. L., & Lopez, L. C. (2009). Hunting strategies used in the semi-arid region of northeastern Brazil. *Journal of Ethnobiology and Ethnomedicine*, **5**(1), 12.
- Alves, R. R. N., Gonçalves, M. B. R., & Vieira, W. L. S. (2012). Caça, uso e conservação de vertebrados no semiárido Brasileiro. *Tropical Conservation Science*, **5**(3), 394–416.
- Alves, R. R. N., & van Vliet, N. (2018). Wild fauna on the menu. In R. R. N. Alves, & U. P. Albuquerque, eds., *Ethnozology*, Oxford: Elsevier, 167–194.
- Ambrose, S. H. (2001). Paleolithic technology and human evolution. *Science*, **291**(5509), 1748–1753.
- Amman, B. R., Carroll, S. A., Reed, Z. D., et al. (2012). Seasonal pulses of Marburg virus circulation in juvenile *Rousettus aegyptiacus* bats coincide with periods of increased risk of human infection. *PLoS Pathogens*, **8**(10), e1002877.
- Amman, B. R., Nyakarahuka, L., McElroy, A. K., et al. (2014). Marburg virus resurgence in Kitaka mine bat population after extermination attempts., *Uganda. Emerging Infectious Diseases*, **20**(10), 1761–1764.
- Andermann, T., Faurby, S., Turvey, S. T., Antonelli, A., & Silvestro, D. (2020). The past and future human impact on mammalian diversity. *Science Advances*, **6**(36), eabb2313.
- Andersen, K. G., Rambaut, A., Lipkin, W. I., Holmes, E. C., & Garry, R. F. (2020). The proximal origin of SARS-CoV-2. *Nature Medicine*, **26**(4), 450–452.
- Anderson, C. R., Downs, W. G., Wattle, G. H., Ahin, N. W., & Reese, A. A. (1957). Mayaro virus: A new human disease agent. II. Isolation from blood of patients in Trinidad, B.W.I. *The American Journal of Tropical Medicine and Hygiene*, **6**, 1012–1016.
- Anderson, I., Robson, B., Connolly, M., et al. (2016). Indigenous and tribal peoples' health (The Lancet–Lowitja Institute Global Collaboration): A population study. *The Lancet*, **388**(10040), 131–157.
- Andrews, N. (2015). Digging for survival and/or justice? The drivers of illegal mining activities in Western Ghana. *Africa Today*, **62**(2), 3.
- Andrianaivoarivelo, R., Andriafidison, D., Rahaingonirina, C., et al. (2012). A conservation assessment of *Rousettus madagascariensis* (G. Grandidier, 1928, Pteropodidae) roosts in eastern Madagascar. *Madagascar Conservation & Development*, **6**(2), 78–82.

- Anstey, S. (1991). Wildlife Utilization in Liberia: The Findings of a National Survey 1989–1990 (Report to WWF/FDA).
- Antunes, A. P., Rebêlo, G. H., Pezzuti, J. C. B., *et al.* (2019). A conspiracy of silence: Subsistence hunting rights in the Brazilian Amazon. *Land Use Policy*, **84**, 1–11.
- Apaza, L., Wilkie, D., Byron, E., *et al.* (2002). Meat prices influence the consumption of wildlife by the Tsimane' Amerindians of Bolivia. *Oryx*, **36**(4), 382–388.
- Apicella, C. L., & Crittenden, A. N. (2015). Hunter-gatherer families and parenting. In D. M. Buss, ed., *The Handbook of Evolutionary Psychology*, Hoboken, NJ: John Wiley & Sons, 578–597.
- Arcand, B. (1976). Cuiva food production. *Canadian Review of Sociology*, **13**, 387–396.
- Arraes, D. R. S., Cunha, H. F. A., & Tavares-Dias, M. (2016). Anthropogenic impacts on yellow-spotted river turtle *Podocnemis unifilis* (Reptilia: Podocnemididae) from the Brazilian Amazon. *Acta Biológica Colombiana*, **21**, 413–421.
- Arita, I., & Henderson, D. A. (1968). Smallpox and monkeypox in non-human primates. *Bulletin of the World Health Organization*, **39**(2), 277–283.
- Arsuaga, J. L., Martínez, I., Arnold, L. J., *et al.* (2014). Neandertal roots: Cranial and chronological evidence from Sima de los Huesos. *Science*, **344**(6190), 1358–1363.
- Artelle, K. A., Reynolds, J. D., Treves, A., Walsh, J. C., Paquet, P. C., & Darimont, C. T. (2018). Hallmarks of science missing from North American wildlife management. *Science Advances*, **4**(3), eaao0167.
- Asibey, E. O. (1974). Wildlife as a source of protein in Africa south of the Sahara. *Biological Conservation*, **6**(1), 32–39.
- (1977). Expected effects of land-use patterns on future supplies of bushmeat in Africa south of the Sahara. *Environmental Conservation*, **4**(1), 43–49.
- Associated Press. (2020). Teenage boy dies of bubonic plague in Mongolia after eating marmot Bubonic plague. *The Guardian*. 16 July, 2020.
- Aswani, S., Christie, P., Muthiga, N. A., *et al.* (2012). The way forward with ecosystem-based management in tropical contexts: Reconciling with existing management systems. *Marine Policy*, **36**(1), 1–10.
- Aubert, M., Lebe, R., Oktaviana, A. A., *et al.* (2019). Earliest hunting scene in prehistoric art. *Nature*, **576**(7787), 442–445.
- Aunger, R. (1992). The nutritional consequences of rejecting food in the Ituri Forest of Zaire. *Human Ecology*, **20**(3), 263–291.
- (1994). Are food avoidances maladaptive in the Ituri forest of Zaire? *Journal of Anthropological Research*, **50**(3), 277–310.
- Auzel, P. (1996). *Agriculture/Extractivisme et Exploitation Forestière. Etude de la Dynamique des Modes D'Exploitation du Milieu dans la Nord de IUFA De Pokola*, Nord Congo. *Wildlife Conservation Society/GEF Congo, Bomassa, Republic of Congo*.
- Auzel, P., Fétéké, F., Fomété, T., Nguiffo, S., & Djeukam, R. (2001). *Incidence de L'exploitation Forestière Illégale sur la Fiscalité, l'Aménagement et le Développement Local: Cas de l'UFA 10 030 dans l'Arrondissement de Messok, Province de L'Est, Cameroun*, Université de Dschang, CED, Youndé.

- Auzel, P., & Wilkie, D. S. (2000). Wildlife use in Northern Congo: Hunting in a commercial logging concession. In J. Robinson, & E. Bennett, eds., *Hunting for Sustainability in Tropical Forest*, Columbia University Press, 413–426.
- Ávila, E., Tagg, N., Willie, J., et al. (2019). Interpreting long-term trends in bushmeat harvest in southeast Cameroon. *Acta Oecologica*, **94** (special issue), 57–65.
- Ávila Martin, E., Ros Brull, G., Funk, S. M., Luiselli, L., Okale, R., & Fa, J. E. (2020). Wild meat hunting and use by sedentarised Baka Pygmies in south-eastern Cameroon. *PeerJ*, **8**, e9906.
- Aviram, R., Bass, M., & Parker, K. (2002). Extracting Hope for Bushmeat: Case studies of oil, gas, mining and logging industry efforts for improved wildlife management. *Uncertain Future: The Bushmeat Crisis in Africa*. Reports prepared for the Bushmeat Crisis Task Force by the Problem Solving Team of the Fall.
- Ayres, J. M. C. (1986). Ukaris and Amazonian flooded forest. (PhD thesis), University of Cambridge.
- Ayres, J. M., & Ayres, C. (1979). Aspectos da caça no alto rio Aripuana. *Acta Amazonica*, **9**, 287–298.
- Bachand, N., Ravel, A., Onanga, R., Arsenault, J., & Gonzalez, J.-P. (2012). Public health significance of zoonotic bacterial pathogens from bushmeat sold in urban markets of Gabon, Central Africa. *Journal of Wildlife Diseases*, **48**(3), 785–789.
- Bahuchet, S. (1990). Food sharing among the pygmies of Central Africa. *African Study Monographs*, **11**, 27–53.
- (1992). *Dans la Forêt D'Afrique Centrale: Les Pygmées Aka et Baka*, Paris: Peeters-Selaf.
- (1993). *La rencontre des Agriculteurs. Les Pygmées parmi les Peuples d'Afrique Centrale*, Paris: Peeters-SELAF.
- (2014). Cultural diversity of African Pygmies. In B. S. Hewlett, ed., *Hunter-gatherers of the Congo Basin: Cultures, Histories and Biology of African Pygmies*, New Brunswick, NJ: Transaction Publishers, 1–29.
- Bahuchet, S., McKey, D., & de Garine, I. (1991). Wild yams revisited: Is independence from agriculture possible for rain forest hunter-gatherers? *Human Ecology*, **19**(2), 213–243.
- Bai, Z. G., Dent, D. L., Olsson, L., & Schaepman, M. E. (2008). Proxy global assessment of land degradation. *Soil Use and Management*, **24**(3), 223–234.
- Bailey, R. C., & Aunger, R. (1989). Net hunters vs. archers: Variation in women's subsistence strategies in the Ituri Forest. *Human Ecology*, **17**(3), 273–297.
- Bailey, R. C., & Peacock, N. R. (1988). Efe pygmies of northeast Zaire: Subsistence strategies in the Ituri forest. In I. de Garine, & G. A. Harrison, eds., *Coping with Uncertainty in Food Supply*, Oxford: Oxford University Press, 88–117.
- Bailey, R. C., Bahuchet, S., & Hewlett, B. S. (1992). Development in the Central African rainforest: Concern for forest peoples. In K. M. Cleaver, ed., *Conservation of West and Central African Rainforest*, Gland: International Union for Conservation of Nature and Natural Resource, 202–211.
- Bakarr, M., Oduro, W., & Adomako, E. (2001). West Africa: Regional overview of the bushmeat crisis. In N. D. Bailey, H. E. Eves, A. Stefan, & J. T. Stein, eds.,

- Bushmeat Crisis Task Force Collaborative Action Planning Meeting Proceedings*, Silver Spring, Maryland, USA, 110–114.
- Baker, C. A., & Manwell, C. (1983). Man and elephant the 'dare theory' of domestication and the origin of breeds. *Zeitschrift Für Tierzüchtung Und Züchtungsbiologie*, **100**(1-5), 55–75.
- Baker, J. E. (1997). Trophy hunting as a sustainable use of wildlife resources in southern and eastern Africa. *Journal of Sustainable Tourism*, **5**(4), 306–321.
- Balée, W. (1985). Ka'apor ritual hunting. *Human Ecology*, **13**, 485–510.
- Balée, W. L., & Erickson, C. L. (2006). *Time and Complexity in Historical Ecology: Studies in the Neotropical Lowlands*, New York: Columbia University Press.
- Barber, W. E. (1988). Maximum sustainable yield lives on. *North American Journal of Fisheries Management*, **8**(2), 153–157.
- Barboza, R. R. D., Lopes, S. F., Souto, W. M. S., Fernandes-Ferreira, H., & Alves, R. R. N. (2016). The role of game mammals as bushmeat in the Caatinga, northeast Brazil. *Ecology and Society*, **21**(2), art2.
- Barham, L. (2001). Central Africa and the emergence of regional identity in the Middle Pleistocene. In L. S. Barham, & K. Robson-Brown, eds., *Human Roots: Africa and Asia in the Middle Pleistocene*, Bristol: Western Academic and Specialist Press, 65–80.
- (2002). Backed tools in Middle Pleistocene central Africa and their evolutionary significance. *Journal of Human Evolution*, **43**(5), 585–603.
- Barnes, R. F. W. (1993). Indirect methods of counting elephants in forest. *Pachyderm*, **16**, 24–33.
- Barnes, R. F. W., & Lahm, S. A. (1997). An ecological perspective on human densities in the Central African forest. *Journal of Applied Ecology*, **34**(1), 245.
- Barnes, R. H., & Barnes, R. H. (1996). *Sea Hunters of Indonesia: Fishers and Weavers of Lamalera*, Oxford: Oxford University Press.
- Barnett, R. (2000a). *Food for Thought: The Utilization of Wild Meat in Eastern and Southern Africa*, Nairobi: TRAFFIC East/Southern Africa.
- (2000b). Regional overview on wild meat utilization. In *Food for Thought: The Utilization of Wild Meat in Eastern and Southern Africa*, Nairobi: TRAFFIC East/Southern Africa, 5–37.
- Barnosky, A. D. (2004). Assessing the causes of late Pleistocene extinctions on the Continents. *Science*, **306**(5693), 70–75.
- Barré-Sinoussi, F., Chermann, J.-C., Rey, F., et al. (1983). Isolation of a T-lymphotropic retrovirus from a patient at risk for acquired immune deficiency syndrome (AIDS). *Science*, **220**(4599), 868–871.
- Barreteau, O., Bousquet, F., Étienne, M., Souchère, V., & d'Aquino, P. (2014). Companion modelling: A method of adaptive and participatory research. In M. Étienne, ed., *Companion Modeling: A Participatory Approach to Support Sustainable Development*, Dordrecht: Springer, 13–40.
- Bartlett, L. J., Williams, D. R., Prescott, G. W., et al. (2016). Robustness despite uncertainty: Regional climate data reveal the dominant role of humans in explaining global extinctions of Late Quaternary megafauna. *Ecography*, **39**(2), 152–161.
- Barychka, T., Mace, G. M., & Purves, D. W. (2020a). The Madingley General Ecosystem Model predicts bushmeat yields, species extinction rates and ecosystem-level impacts of bushmeat harvesting. *Oikos*, **130**(11), 1930–1942.

- Barychka, T., Purves, D. W., Milner-Gulland, E. J., & Mace, G. M. (2020b). Modelling parameter uncertainty reveals bushmeat yields versus survival trade-offs in heavily-hunted duiker *Cephalophus* spp. *PLoS ONE*, **15**(9), e0234595.
- Bavington, D. (2011). *Managed Annihilation: An Unnatural History of the Newfoundland Cod Collapse*, Vancouver: University of British Columbia Press.
- BBC. (2003). Animals suffer in the war on Sars. *BBC News*, p. 3, 20 April 2003.
- BBPP. (2006). Monkeys in Trouble: The Rapidly Deteriorating Conservation Status of the Monkeys on Bioko Island, Equatorial Guinea, Philadelphia, PA: Bioko Biodiversity Protection Program. http://bioko.org/assets/hearn-et-al_2006_monkeys-in-trouble-the-rapidly-deteriorating-conservation-status-of-the-monkeys-on-bioko-island%2C-equatorial-guinea.pdf
- Beatty, M. E., Ashford, D. A., Griffin, P. M., Tauxe, R. V., & Sobel, J. (2003). Gastrointestinal anthrax: Review of the literature. *Archives of Internal Medicine*, **163**(20), 2527.
- Beck, H., Snodgrass, J. W., & Thebpanya, P. (2013). Long-term enclosure of large terrestrial vertebrates: Implications of defaunation for seedling demographics in the Amazon rainforest. *Biological Conservation*, **163** (special issue), 115–121.
- Becker, M., McRobb, R., Watson, F., *et al.* (2013). Evaluating wire-snare poaching trends and the impacts of by-catch on elephants and large carnivores. *Biological Conservation*, **158**(2013), 26–36.
- Beckerman, S. (1980). Fishing and hunting by the Bari of Colombia. W. T. Vickers, & K. M. Kesinger, eds., *Working Papers on South American Indians*. Bermington College, Vermont, 67–109.
- Beckerman, S., & Valentine, P. (1996). On Native American conservation and the Tragedy of the Commons. *Current Anthropology*, **37**(4), 659–661.
- Begossi, A. (1992). The use of optimal foraging theory in the understanding of fishing strategies: A case from Sepetiba Bay (Rio de Janeiro State, Brazil). *Human Ecology*, **20**(4), 463–475.
- Bello, C., Galetti, M., Pizo, M. A., *et al.* (2015). Defaunation affects carbon storage in tropical forests. *Science Advances*, **1**(11), e1501105.
- Belovsky, G. (1987). Hunter-gatherer foraging: A linear programming approach. *Journal of Anthropological Archaeology*, **6**, 29–76.
- Bene, J.-C. K., Gamys, J., & Dufour, S. (2013). The hunting practice in Northern Nimba County, Liberia. *Global Advanced Research Journal of Environmental Science and Toxicology*, **2**, 22–36.
- Benedictow, O. J. (2004). *The Black Death, 1346–1353: The Complete History*, Woodbridge: Boydell & Brewer.
- Ben-Haim, Y. (2001). *Information-Gap Decision Theory: Decisions under Severe Uncertainty*, London: Academic Press.
- (2019). Info-gap decision theory (IG). In V. A. W. J. Marchau, W. E. Walker, P. J. T. M. Bloemen, & S. W. Popper, eds., *Decision Making under Deep Uncertainty: From Theory to Practice*, Cham: Springer International Publishing, 93–115.
- Benítez-López, A., Alkemade, R., Schipper, A. M., *et al.* (2017). The impact of hunting on tropical mammal and bird populations. *Science*, **356**(6334), 180–183.

- Benítez-López, A., Alkemade, R., & Verweij, P. A. (2010). The impacts of roads and other infrastructure on mammal and bird populations: A meta-analysis. *Biological Conservation*, **143**(6), 1307–1316.
- Benítez-López, A., Santini, L., Schipper, A. M., Busana, M., & Huijbregts, M. A. J. (2019). Intact but empty forests? Patterns of hunting-induced mammal defaunation in the tropics. *PLoS Biology*, **17**(5), e3000247.
- Bennett, E. L., Blencowe, E., Brandon, K., *et al.* (2007). Hunting for consensus: Reconciling bushmeat harvest, conservation, and development policy in West and Central Africa. *Conservation Biology*, **21**(3), 884–887.
- Bennett, E. L., Nyaoi, A. J., & Sompud, J. (1999). Saving Borneo's bacon: The sustainability of hunting in Sarawak and Sabah. In J. G. Robinson, & E. L. Bennett, eds., *Hunting for Sustainability in Tropical Forests*, New York: Columbia University Press, 305–324.
- Bennett, E. L., & Rao, M. (2002). Wild meat consumption in Asian tropical forest countries: Is this a glimpse of the future for Africa. In S. Mainka, & M. Trivedi, eds., *Links between Biodiversity, Conservation, Livelihoods and Food Security: The Sustainable Use of Wild Species for Meat*, Gland: IUCN, 39–44.
- Bennett, E. L., & Robinson, J. G. (2000). *Hunting of Wildlife in Tropical Forests: Implications for Biodiversity and Forest Peoples* (Impact Studies, Paper no. 76), Washington DC: The World Bank Environment Department.
- Bennett, E. M., Peterson, G. D., & Levitt, E. A. (2005). Looking to the future of ecosystem services. *Ecosystems*, **8**(2), 125–132.
- Bennett Hennessey, A., & Rogers, J. (2008). A study of the bushmeat trade in Ouessou, Republic of Congo. *Conservation and Society*, **6**(2), 179.
- Bergman, R. (1974). Shipibo subsistence in the upper Amazon. (PhD thesis), University of Wisconsin, Madison.
- Berkes, F., Colding, J., & Folke, C. (eds.). (2002). *Navigating Social-Ecological Systems: Building Resilience for Complexity and Change*, Cambridge: Cambridge University Press.
- Bernejo, M., Rodriguez-Teijeiro, J. D., Illera, G., Barroso, A., Vila, C., & Walsh, P. D. (2006). Ebola outbreak killed 5000 gorillas. *Science*, **314**(5805), 1564–1564.
- Berrang-Ford, L., Dingle, K., Ford, J. D., *et al.* (2012). Vulnerability of indigenous health to climate change: A case study of Uganda's Batwa Pygmies. *Social Science & Medicine*, **75**(6), 1067–1077.
- Betti, J. (2013). An ethnobotanical and floristical study of medicinal plants among the Baka Pygmies in the periphery of the Ipassa Biosphere Reserve, Gabon. *European Journal of Medicinal Plants*, **3**(2), 174–205.
- Beverton, R. J., & Holt, S. J. (1957). *On the Dynamics of Exploited Fish Populations*, Vol. **XIX**, London: Chapman and Hall.
- Biggs, D., Abel, N., Knight, A. T., Leitch, A., Langston, A., & Ban, N. C. (2011). The implementation crisis in conservation planning: Could 'mental models' help? Mental models in conservation planning. *Conservation Letters*, **4**(3), 169–183.
- Biggs, R., Schlüter, M., Biggs, D., *et al.* (2012). Toward principles for enhancing the resilience of ecosystem services. *Annual Review of Environment and Resources*, **37**, 421–448.

- Binford, L. R. (1980). Willow smoke and dogs' tails: Hunter-gatherer settlement systems and archaeological site formation. *American Antiquity*, **45**(1), 4–20.
- (1981). *Bones: Ancient Men and Modern Myths*, New York: Academic Press.
- (2001). *Constructing Frames of Reference: An Analytical Method for Archaeological Theory Building Using Ethnographic and Environmental Data Sets*, Berkeley, CA: University of California Press.
- (2002). *In Pursuit of the Past: Decoding the Archaeological Record*, Berkeley, CA: University of California Press.
- Bird, D. W., Bliege Bird, R., & Codding, B. F. (2009). In pursuit of mobile prey: Martu hunting strategies and archaeofaunal interpretation. *American Antiquity*, **74**(1), 3–29.
- Bird, D. W., & O'Connell, J. F. (2006). Behavioral ecology and archaeology. *Journal of Archaeological Research*, **14**(2), 143–188.
- Blackburn, T. M., & Gaston, K. J. (1996). A sideways look at patterns in species richness, or why there are so few species outside the tropics. *Biodiversity Letters*, **3**(2), 279–313.
- Bliege Bird, R., & Bird, D. W. (2008). Why women hunt: Risk and contemporary foraging in a Western Desert Aboriginal community. *Current Anthropology*, **49**(4), 655–693.
- Bliege Bird, R., & Smith, E. A. (2005). Signaling theory, strategic interaction, and symbolic capital. *Current Anthropology*, **46**(2), 221–248.
- Bliege Bird, R., Smith, E., & Bird, D. (2001). The hunting handicap: Costly signaling in human foraging strategies. *Behavioral Ecology and Sociobiology*, **50**(1), 9–19.
- Blondel, J. (1967). Réflexions sur les rapports entre prédateurs et proies chez les Rapaces.—I. Les effets de la prédation sur les populations de proies. *La Terre et La Vie*, **1967**, 5–32.
- Blumenschine, R. J., Bunn, H. T., Geist, V., *et al.* (1987). Characteristics of an early hominid scavenging niche [and comments and reply]. *Current Anthropology*, **28**(4), 383–407.
- Blurton-Jones, N. G., Hawkes, K., & O'Connell, J. F. (1997). Why do Hadza children forage? In N. L. Segal, G. E. Weisfeld, & C. C. Weisfeld, eds., *Uniting Psychology and Biology: Integrative Perspectives on Human Development*, Washington DC: American Psychological Association, 279–313.
- Bobo, K. S., Kamgaing, T. O. W., Kamdoum, E. C., & Dzefack, Z. C. B. (2015). Bushmeat hunting in southeastern Cameroon: Magnitude and impact on duikers (*Cephalophus* spp.). *African Study Monographs, Suppl.* **51**, 119–141.
- Bodmer, R. E. (1994a). Managing wildlife with local communities in the Peruvian Amazon. In D. Western, & M. Wright, eds., *Natural Connections. Perspectives in Community-based Conservation*. Washington DC: Island Press, 113–134.
- (1994b). Managing wildlife with local communities: The case of the Reserva Comunal Tamshiyacu-Tahuayo. In D. Western, M. Wright, & S. Strum, eds., *Natural Connections: Perspectives on Community Based Management*, Washington, DC: Island Press, 113–134.
- Bodmer, R. E., Aquino, R., Puertas, P., Reyes, R., Fang, T., & Gottbenker, N. (1997). *Manejo y Uso Sustentable de Pecarías en la Amazonía Peruana*, Quito, Ecuador: IUCN Regional Office for South America.

- Bodmer, R. E., Fang, T. G., Moya, L., & Gill, R. (1994). Managing wildlife to conserve Amazonian forests: Population biology and economic considerations of game hunting. *Biological Conservation*, **67**(1), 29–35.
- Bodmer, R. E., & Lozano, E. P. (2001). Rural development and sustainable wildlife use in Peru. *Conservation Biology*, **15**(4), 1163–1170.
- Boesch, C. (1994). Cooperative hunting in wild chimpanzees. *Animal Behaviour*, **48**(3), 653–667.
- Bogoni, J. A., Pires, J. S. R., Graipel, M. E., Peroni, N., & Peres, C. A. (2018). Wish you were here: How defaunated is the Atlantic Forest biome of its medium- to large-bodied mammal fauna? *PLoS ONE*, **13**(9), e0204515.
- Boni, M. F., Lemey, P., Jiang, X., *et al.* (2020). Evolutionary origins of the SARS-CoV-2 sarbecovirus lineage responsible for the COVID-19 pandemic. *Nature Microbiology*, **5**, 1408–1417.
- Bonney, R., Shirk, J. L., Phillips, T. B., *et al.* (2014). Next steps for citizen science. *Science*, **343**, 1436–1437.
- Bonwitt, J., Dawson, M., Kandeh, M., *et al.* (2018). Unintended consequences of the ‘bushmeat ban’ in West Africa during the 2013–2016 Ebola virus disease epidemic. *Social Science & Medicine*, **200**, 166–173.
- Bonwitt, J., Kandeh, M., Dawson, M., *et al.* (2017). Participation of women and children in hunting activities in Sierra Leone and implications for control of zoonotic infections. *PLoS Neglected Tropical Diseases*, **11**(7), e0005699.
- Boone, J. L. (2017). The evolution of magnanimity. In D. J. Penn, & I. Mysterud, eds., *Evolutionary Perspectives on Environmental Problems*, Routledge, 183–200.
- Booth, H., Clark, M., Milner-Gulland, E. J., *et al.* (2021). Investigating the risks of removing wild meat from global food systems. *Current Biology*, **31**(8), 1788–1797.
- Borgerhoff Mulder, M., & Coppolillo, P. (2005). *Conservation: Linking Ecology, Economics, and Culture*, Princeton: Princeton University Press.
- Borgerson, C., McKean, M. A., Sutherland, M. R., & Godfrey, L. R. (2016). Who hunts lemurs and why they hunt them. *Biological Conservation*, **197**(2016), 124–130.
- Born Free Foundation. (2020, February 25). Live Wild Animal Markets, Human and Animal Health, and Biodiversity Protection. Open letter to the World Health Organisation, United Nations Environment Programme and Office International Epizootologie. www.bornfree.org.uk/storage/media/content/files/WildlifeMarketClosureLetter_Feb20_FINALV3_1.pdf
- Bourlière, F. (1973). The comparative ecology of rain forest mammals in Africa and tropical America: Some introductory remarks. In B. J. Meggers, E. S. Ayensu, & W. D. Duckworth, eds., *Tropical Forest Ecosystems in Africa and South America: A Comparative Review*, Washington, DC: Smithsonian Institution Press, 279–292.
- (1985). Primate communities: Their structure and role in tropical ecosystems. *International Journal of Primatology*, **6**, 1.
- Bousquet, F., LePage, C., Bakam, I., & Takforyan, A. (2001). A spatially-explicit individual-based model of blue duikers population dynamics: Multi-agent simulations of bushmeat hunting in an eastern Cameroonian village. *Ecological Modelling*, **138**(1–3), 331–346.

- Bowen-Jones, E., Brown, D., & Robinson E. J. Z. (2003). Economic commodity or environmental crisis? An interdisciplinary approach to analysing the bushmeat trade in Central and West Africa. *Area*, **35**(4), 390–402.
- Bowler, M., Anderson, M., Montes, D., Pérez, P., & Mayor, P. (2014). Refining reproductive parameters for modelling sustainability and extinction in hunted primate populations in the Amazon. *PLoS ONE*, **9**(4), e93625.
- Bowler, M., Beirne, C., Tobler, M. W., *et al.* (2019). LED flashlight technology facilitates wild meat extraction across the tropics. *Frontiers in Ecology and the Environment*, **18**(9), 489–495.
- Bozzola, M., Travaglini, P., Marziliano, N., *et al.* (2009). The shortness of Pygmies is associated with severe under-expression of the growth hormone receptor. *Molecular Genetics and Metabolism*, **98**(3), 310–313.
- Bradfield, J., Wadley, L., & Lombard, M. (2015). Southern African arrow poison recipes, their ingredients and implications for Stone Age archaeology. *Southern African Humanities*, **36**.
- Brashares, J. S., Golden, C. D., Weinbaum, K. Z., Barrett, C. B., & Okello, G. V. (2011). Economic and geographic drivers of wildlife consumption in rural Africa. *Proceedings of the National Academy of Sciences of the United States of America*, **108**(34), 13931–13936.
- Breuer, T., Breuer-Ndoundou Hockemba, M., Opepa, C. K., Yoga, S., & Mavinga, F. B. (2021). High abundance and large proportion of medium and large duikers in an intact and un hunted afro tropical protected area: Insights into monitoring methods. *African Journal of Ecology*, **59**(2), 399–411.
- Bright, J., Ugan, A., & Hunsaker, L. (2002). The effect of handling time on subsistence technology. *World Archaeology*, **34**(1), 164–181.
- Brockington, D. (2002). *Fortress Conservation: The Preservation of the Mkomazi Game Reserve, Tanzania*. Bloomington: Indiana University Press.
- Brodie, J. F., Giordano, A. J., Zipkin, E. F., Bernard, H., Mohd-Azlan, J., & Ambu, L. (2015). Correlation and persistence of hunting and logging impacts on tropical rainforest mammals. *Conservation Biology*, **29**, 110–121.
- Brodie, J. F., Helmy, O. E., Brockelman, W. Y., & Maron, J. L. (2009). Bushmeat poaching reduces the seed dispersal and population growth rate of a mammal-dispersed tree. *Ecological Applications*, **19**(4), 854–863.
- Brook, B. W., Cannon, J. R., Lacy, R. C., Mirande, C., & Frankham, R. (1999). Comparison of the population viability analysis packages GAPPs, INMAT, RAMAS and VORTEX for the whooping crane (*Grus americana*). *Animal Conservation*, **2**(1), 23–31.
- Brook, B. W., & Whitehead, P. J. (2005). Plausible bounds for maximum rate of increase in magpie geese (*Anseranas semipalmata*): Implications for harvest. *Wildlife Research*, **32**(5), 465.
- Brook, R. K., & McLachlan, S. M. (2008). Trends and prospects for local knowledge in ecological and conservation research and monitoring. *Biodiversity and Conservation*, **17**(14), 3501–3512.
- Brooks, S. E., Allison, E. H., Gill, J. A., & Reynolds, J. D. (2010). Snake prices and crocodile appetites: Aquatic wildlife supply and demand on Tonle Sap Lake, Cambodia. *Biological Conservation*, **143**(9), 2127–2135.

- Brosset, A. (1966). Un comportement énigmatique: Pourquoi l'antilope vient-elle à l'appel du chasseur gabonais. *Biologica Gabonica*, **2**(3), 287–290.
- Broughton, J. M. (1999). *Resource Depression and Intensification During the Late Holocene, San Francisco Bay: Evidence from the Emeryville Shellmound Vertebrate Fauna*, Berkeley: University of California Press.
- (2002). Prey spatial structure and behavior affect archaeological tests of optimal foraging models: Examples from the Emeryville Shellmound vertebrate fauna. *World Archaeology*, **34**(1), 60–83.
- Broughton, J. M., & Weitzel, E. M. (2018). Population reconstructions for humans and megafauna suggest mixed causes for North American Pleistocene extinctions. *Nature Communications*, **9**(1), 5441.
- Brown, C. L., Kellie, K. A., Brinkman, T. J., Euskirchen, E. S., & Kielland, K. (2015). Applications of resilience theory in management of a moose-hunter system in Alaska. *Ecology and Society*, **20**(1), 16. <http://dx.doi.org/10.5751/ES-07202-200116>
- Brown, D., & Williams, A. (2003). The case for bushmeat as a component of development policy: Issues and challenges. *International Forestry Review*, **5**(2), 148–155.
- Brown, J. H. (2014). Why are there so many species in the tropics? *Journal of Biogeography*, **41**(1), 8–22.
- Brown, J. H., Lomolino, M. V., & E-mail, U. S. A. (2000). Concluding remarks: Historical perspective and the future of island biogeography theory. *Global Ecology*, **6**.
- Brugière, D. (1998). Population size of the black colobus monkey *Colobus satanas* and the impact of logging in the Lopé Reserve, Central Gabon. *Biological Conservation*, **86**(1), 15–20.
- Brugiere, D. (1998). Facteurs de variation des densités et des biomasses de primates en milieu tropical forestier: l'exemple des communautés de Cercopithecidae d'Afrique Centrale (These de Diplôme Doctoral), Université de Rennes I, Rennes, France.
- Brugiere, D., Gautier, J.-P., Mougazi, A., & Gautier-Hion, A. (2002). Primate diet and biomass in relation to vegetation composition and fruiting phenology in a rain forest in Gabon. *International Journal of Primatology*, **23**(5), 999–1024.
- Brumm, A., Oktaviana, A. A., Burhan, B., et al. (2021). Oldest cave art found in Sulawesi. *Science Advances*, **7**(3), eabd4648.
- Brundtland, G. H. (1987). *Report of the World Commission on Environment and Development: 'Our Common Future'*, New York: United Nations.
- Bryant, J. E., Holmes, E. C., & Barrett, A. D. T. (2007). Out of Africa: A molecular perspective on the introduction of yellow fever virus into the Americas. *PLoS Pathogens*, **3**(5), e75.
- Bucher, E. H. (1992). The causes of extinction of the passenger pigeon. In D. M. Power, ed., *Current Ornithology*, Vol. 9, New York: Plenum Press, 1–36.
- Buckland, S. T., Rexstad, E. A., Marques, T. A., & Oedekoven, C. S. (2015). *Distance Sampling: Methods and Applications*, Cham: Springer International Publishing.
- Burch Jr., E. S. (2007). Rationality and resource use among hunters: Some Eskimo examples. In M. E. Harkin, & D. R. Lewis, eds., *Native Americans and the*

- Environment: Perspectives on the Ecological Indian*, Lincoln: University of Nebraska Press, 123–152.
- Butler, D. (2016). Fears rise over yellow fever's next move: Scientists warn vaccine stocks would be overwhelmed in the event of large urban outbreaks. *Nature*, **532**(7598), 155–157.
- Butler, R., & Laurance, W. (2008). New strategies for conserving tropical forests. *Trends in Ecology & Evolution*, **23**(9), 469–472.
- Butynski, T. M., & Koster, S. H. (1994). Distribution and conservation status of primates in Bioko Island, Equatorial Guinea. *Biodiversity and Conservation*, **3**(9), 893–909.
- Cain, M. S., Vul, E., Clark, K., & Mitroff, S. R. (2012). A Bayesian optimal foraging model of human visual search. *Psychological Science*, **23**(9), 1047–1054.
- Calattini, S., Betsem, E. B. A., Froment, A., *et al.* (2007). Simian foamy virus transmission from apes to humans, rural Cameroon. *Emerging Infectious Diseases*, **13**(9), 1314–1320.
- Callegari-Jacques, S. M., Hill, K., Hurtado, A. M., Rodrigues, L. T., Bau, C. H. D., & Salzano, F. M. (2008). Genetic clues about the origin of Aché hunter-gatherers of Paraguay. *American Journal of Human Biology*, **20**(6), 735–737.
- Calouro, A. M. (1995). Caça de subsistência: sustentabilidade e padrões de uso entre seringueiros ribeirinhos e não ribeirinhos do Estado do Acre (MSc Ecology thesis), Universidade de Brasília, Brasília, Brazil.
- Campbell, G. L., & Hughes, J. M. (1995). Plague in India: A new warning from an old nemesis. *Annals of Internal Medicine*, **122**(2), 151–153.
- Campbell, K. L. I., & Hofer, H. (1995). People and wildlife: Spatial dynamics and zones of interaction. In A. R. E. Sinclair, & P. Arcese, eds., *Serengeti II: Dynamics, Management, and Conservation of an Ecosystem*, Chicago: University of Chicago Press, 534–570.
- Canale, G. R., Peres, C. A., Guidorizzi, C. E., Gatto, C. A. F., & Kierulff, M. C. M. (2012). Pervasive defaunation of forest remnants in a tropical biodiversity hotspot. *PLoS ONE*, **7**(8), e41671.
- Cannon, M. D. (2000). Large mammal relative abundance in Pithouse and Pueblo Period archaeofaunas from Southwestern New Mexico: Resource depression among the Mimbres-Mogollon? *Journal of Anthropological Archaeology*, **19**(3), 317–347.
- Cantlay, J. C., Ingram, D. J., & Meredith, A. L. (2017). A review of zoonotic infection risks associated with the wild meat trade in Malaysia. *EcoHealth*, **14**(2), 361–388.
- Cao Ngoc, A., & Wyatt, T. (2013). A green criminological exploration of illegal wildlife trade in Vietnam. *Asian Journal of Criminology*, **8**, 129–142.
- Carignano Torres, P., Morsello, C., Parry, L., *et al.* (2018). Landscape correlates of bushmeat consumption and hunting in a post-frontier Amazonian region. *Environmental Conservation*, **45**(4), 315–323.
- Carmel, Y., & Ben-Haim, Y. (2005). Info-gap robust-satisficing model of foraging behavior: Do foragers optimize or satisfice? *The American Naturalist*, **166**(7), 633–641.
- Caro, T. M. (1999). Abundance and distribution of mammals in Katavi National Park, Tanzania. *African Journal of Ecology*, **37**(3), 305–313.

- Carpaneto, G., & Germei, F. (1989). The mammals in the zoological culture of the Mbuti Pygmies in north-eastern Zaire/I mammiferi nella cultura zoologica dei Pigmei Mbuti nello Zaire nord-orientale. *Hystrix, the Italian Journal of Mammalogy*, **1**(1), 1–83.
- Carpaneto, G. M., Fusari, A., & Okongo, H. (2007). Subsistence hunting and exploitation of mammals in the Haut-Ogooué province, south-eastern Gabon. *Journal of Anthropological Sciences*, **85**, 183–193.
- Carpaneto, G. M., & Germei, F. P. (1992). Diversity of mammals and traditional hunting in central African rain forests. *Agroecosystem Biodiversity*, **40**, 335–354.
- Carrington, D. (2020, July 6). Coronavirus: World treating symptoms, not cause of pandemics, says UN. *The Guardian*, 7.
- Carroll, D., Daszak, P., Wolfe, N. D., et al. (2018). The Global Virome Project. *Science*, **359**(6378), 872–874.
- Carson, S. L., Kentatchime, F., Sinai, C., et al. (2019). Health challenges and assets of forest-dependent populations in Cameroon. *EcoHealth*, **16**(2), 287–297.
- Carter, N. H., Viña, A., Hull, V., et al. (2014). Coupled human and natural systems approach to wildlife research and conservation. *Ecology and Society*, **19**(3), 43. <http://dx.doi.org/10.5751/ES-06881-190343>
- Carvalho, R., de Aguiar, A. P. D., & Amaral, S. (2020). Diversity of cattle raising systems and its effects over forest regrowth in a core region of cattle production in the Brazilian Amazon. *Regional Environmental Change*, **20**(2), 44.
- Cascio, A., Bosilkovski, M., Rodriguez-Morales, A. J., & Pappas, G. (2011). The socio-ecology of zoonotic infections. *Clinical Microbiology and Infection*, **17**(3), 336–342.
- Cattelain, P. (1989). Un crochet de propulseur solutréen de la grotte de Combe-Saunière 1 (Dordogne). *Bulletin de la Société Préhistorique Française*, **86**(7), 213–216.
- (1997). Hunting during the Upper Paleolithic: Bow, spearthrower, or both? In H. Knecht, ed., *Projectile Technology*, Boston, MA: Springer US, 213–240.
- Caughley, G. (1977). *Analysis of Vertebrate Populations*. London: John Wiley & Sons.
- Caughley, G., & Birch, L. C. (1971). Rate of increase. *Journal of Wildlife Management*, **35**(4), 658–663.
- Cawthorn, D.-M., & Hoffman, L. C. (2015). The bushmeat and food security nexus: A global account of the contributions, conundrums and ethical collisions. *Food Research International*, **76**, 906–925.
- CBD (Convention on Biological Diversity). (2012). Decision adopted by the conference of the Parties to the Convention on Biological Diversity at its Eleventh Meeting (XI/25). Hyderabad, India, 8–19 October 2012.
- (Convention on Biological Diversity). (2017). Use of biodiversity scenarios at local, national and regional scales (No. CBD/SBSTTA/21/INF/3).
- (Convention on Biological Diversity). (2018). Decision adopted by the conference of the parties to the convention on biological diversity 14/7. Sustainable wildlife management. Fourteenth meeting Sharm el-Sheikh, Egypt, 17–29 November 2018, Pub. L. No. CBD/COP/DEC/14/7 (2018).
- Ceballos, G., Ehrlich, P. R., Barnosky, A. D., Garcia, A., Pringle, R. M., & Palmer, T. M. (2015). Accelerated modern human-induced species losses: Entering the sixth mass extinction. *Science Advances*, **1**(5), E1400253–E1400253.

- Ceballos, G., Ehrlich, P. R., & Dirzo, R. (2017). Biological annihilation via the ongoing sixth mass extinction signaled by vertebrate population losses and declines. *Proceedings of the National Academy of Sciences of the United States of America*, **114**, E6089–E6096.
- Centers for Disease Control and Prevention. (2016). Cost of the Ebola Epidemic. www.cdc.gov/vhf/ebola/pdf/cost-ebola-multipage-infographic.pdf
- (2020). Ebola Virus Disease Distribution Map: Cases of Ebola Virus Disease in Africa Since 1976. www.cdc.gov/vhf/ebola/history/distribution-map.html
- Ceppi, S. L., & Nielsen, M. R. (2014). A comparative study on bushmeat consumption patterns in ten tribes in Tanzania. *Tropical Conservation Science*, **7**(2), 272–287.
- Chaber, A.-L., Allebone-Webb, S., Lignereux, Y., Cunningham, A., & Rowcliffe, J. M. (2010). The scale of illegal meat importation from Africa to Europe via Paris. *Conservation Letters*, **3**(5), 317–321.
- Chaber, A.-L., & Cunningham, A. (2016). Public health risks from illegally imported African bushmeat and smoked fish: Public health risks from African bushmeat and smoked fish. *EcoHealth*, **13**(1), 135–138.
- Chang, C. H., Barnes, M. L., Frye, M., *et al.* (2017). The pleasure of pursuit: Recreational hunters in rural Southwest China exhibit low exit rates in response to declining catch. *Ecology and Society*, **22**(1), 43. <http://dx.doi.org/10.5751/ES-06881-190343>
- Chang, C. H., & Drohan, S. E. (2018). Should I shoot or should I go? Simple rules for prey selection in multi-species hunting systems. *Ecological Applications*, **28**(8), 1940–1947.
- Chanthorn, W., Hartig, F., Brockelman, W. Y., Srisang, W., Nathalang, A., & Santon, J. (2019). Defaunation of large-bodied frugivores reduces carbon storage in a tropical forest of Southeast Asia. *Scientific Reports*, **9**(1), 10015.
- Chapman, C. A., & Chapman, L. J. (1997). Forest regeneration in logged and unlogged forests of Kibale National Park, Uganda. *Biotropica*, **29**(4), 396–412.
- (1999). Implications of small scale variation in ecological conditions for the diet and density of red colobus monkeys. *Primates*, **40**(1), 215–231.
- Chapman, C. A., Gautier-Hion, A., Oates, J. F., & Onderdonk, D. A. (1999). African primate communities: Determinants of structure and threats to survival. In J. G. Fleagle, C. Janson, & C. K. Read, eds., *Primate Communities*, Cambridge: Cambridge University Press, 1–37.
- Chapman, G. E., Ristovski-Slijepcevic, S., & Beagan, B. L. (2011). Meanings of food, eating and health in Punjabi families living in Vancouver, Canada. *Health Education Journal*, **70**(1), 102–112.
- Chardonnet, P., Fritz, H., Zorzi, N., & Feron, E. (1995). Current importance of traditional hunting and major contrasts in wild meat consumption in sub-Saharan Africa. In J. A. Bissonette, & P. R. Krausman, eds., *Integrating People and Wildlife for a Sustainable Future. Proceedings of the First International Wildlife Management Conference*, Bethesda, MD: The Wildlife Society, 304–307.
- Charnov, E. L. (1976). Optimal foraging, the marginal value theorem. *Theoretical Population Biology*, **9**, 129–136.

- Charnov, E. L., & Orians, G. H. (1973). *Optimal Foraging: Some Theoretical Explorations*, Salt Lake City, UT: Department of Biology, University of Utah.
- Chausson, A. M., Rowcliffe, J. M., Escoufflaire, L., Wieland, M., & Wright, J. H. (2019). Understanding the sociocultural drivers of urban bushmeat consumption for behavior change interventions in Pointe Noire, Republic of Congo. *Human Ecology*, **47**(2), 179–91.
- Chaves Baía Júnior, P., Anelie Guimarães, D., & Le Pendu, Y. (2010). Non-legalized commerce in game meat in the Brazilian Amazon: A case study. *Revista de Biologia Tropical*, **58**(3), 1079–1088.
- Chaves, W. A., Wilkie, D. S., Monroe, M. C., & Sieving, K. E. (2017). Market access and wild meat consumption in the central Amazon, Brazil. *Biological Conservation*, **212**(2017), 240–248.
- Chen, L., Liu, B., Yang, J., & Jin, Q. (2014). DBatVir: The database of bat-associated viruses. *Database*, **2014**(bau021). doi:10.1093/database/bau021
- Chen, N., Zhou, M., Dong, X., et al. (2020). Epidemiological and clinical characteristics of 99 cases of 2019 novel coronavirus pneumonia in Wuhan, China: A descriptive study. *The Lancet*, **395**(10223), 507–513.
- Chomitz, K. M., Buys, P., De Luca, G., Thomas, T. S., & Wertz-Kanounnikoff, S. (2007). *At Loggerheads? Agricultural Expansion, Poverty Reduction, and Environment In The Tropical Forests*, Washington, DC: The World Bank.
- Chua, K. B., Bellini, W. J., Rota, P. A., et al. (2020). Nipah virus: A recently emergent deadly paramyxovirus. *Science*, **288**, 1432–1435.
- Chua, K. B., Chua, B. H., & Wang, C. W. (2002). Anthropogenic deforestation, El Niño and the emergence of Nipah virus in Malaysia. *Malaysia Journal of Pathology*, **24**(1), 15–21.
- Churchill, S. E. (1993). Weapon technology, prey size selection, and hunting methods in modern hunter-gatherers: Implications for hunting in the Palaeolithic and Mesolithic. *Archeological Papers of the American Anthropological Association*, **4**(1), 11–24.
- (2014). Red in tooth and claw: Neandertals as predators. In S. E. Churchill, ed., *Thin on the Ground: Neandertal Biology, Archeology, and Ecology*, Oxford: Wiley Blackwell, 219–250.
- Churchill, S. E., & Rhodes, J. A. (2006). How strong were the Neandertals? Leverage and muscularity at the shoulder and elbow in Mousterian foragers. *Periodicum Biologorum*, **108**(4), 457–470.
- Clark, C. J., Poulsen, J. R., Malonga, R., & Elkan, Jr., P. W. (2009). Logging concessions can extend the conservation estate for Central African tropical forests. *Conservation Biology*, **23**(5), 1281–1293.
- Clark, C. W. (1976). *Mathematical Bioeconomics: The Optimal Management Renewable Resources*, New York: John Wiley & Sons.
- (2010). *Mathematical Bioeconomics: The Mathematics of Conservation*, Hoboken, NJ: John Wiley & Sons.
- Clay, C. A., Lehmer, E. M., Jeor, S. St., & Dearing, M. D. (2009). Sin Nombre virus and rodent species diversity: A test of the dilution and amplification hypotheses. *PLoS ONE*, **4**(7), e6467.
- Cleaveland, S., Haydon, D. T., & Taylor, L. (2007). Overviews of pathogen emergence: Which pathogens emerge, when and why? In J. E. Childs, J. S.

- Mackenzie, & J. A. Richt, eds., *Wildlife and Emerging Zoonotic Diseases: The Biology, Circumstances and Consequences of Cross-Species Transmission*, Vol. **315**, Berlin: Springer, 85–111.
- Coad, L. (2007). Bushmeat hunting in Gabon: Socio-economics and hunter behaviour (PhD thesis), Emmanuel College, University of Cambridge; Imperial College London.
- Coad, L., Abernethy, K., Balmford, A., Manica, A., Airey, L., & Milner-Gulland, E. J. (2010). Distribution and use of income from bushmeat in a rural village, Central Gabon: Bushmeat income in Gabon. *Conservation Biology*, **24**(6), 1510–1518.
- Coad, L., Campbell, A., Miles, L., & Humphries, K. (2008). *The Costs and Benefits of Protected Areas for Local Livelihoods: A Review of the Current Literature*, Cambridge: UNEP World Conservation Monitoring Centre.
- Coad, L., Fa, J. E., Abernethy, K., et al. (2019). *Towards a Sustainable, Participatory and Inclusive Wild Meat Sector*, Bogor, Indonesia: CIFOR.
- Coad, L., Schleicher, J., Milner-Gulland, E. J., et al. (2013). Social and ecological change over a decade in a village hunting system, central Gabon. *Conservation Biology*, **27**(2), 270–280.
- Coffaci de Lima, E. (2021). Katukina Pano. https://pib.socioambiental.org/en/Povo:Katukina_Pano
- Cole, L. C. (1954). The population consequences of life history phenomena. *The Quarterly Review of Biology*, **29**(2), 103–137.
- Collard, I. F., & Foley, R. A. (2002). Latitudinal patterns and environmental determinants of recent human cultural diversity: Do humans follow biogeographical rules? *Evolutionary Ecology Research*, **4**, 371–383.
- Colyn, M., Dudu, A., & Mbaelele, M. (1987). Data on small and medium scale game utilization in the rain forest of Zaire. In *International Symposium & Conference on Wildlife Management in Sub-Saharan Africa*. Harare, Zimbabwe. UNESCO, Harare: World Wide Fund for Nature, 109–145.
- Combreau, O., Launay, F., & Lawrence, M. (2001). An assessment of annual mortality rates in adult-sized migrant houbara bustards (*Chlamydotis [undulata] macqueenii*). *Animal Conservation*, **4**(2), 133–141.
- Combreau, O., Qiao, J., Lawrence, M., et al. (2002). Breeding success in a Houbara Bustard *Chlamydotis [undulata] macqueenii* population on the eastern fringe of the Jungar Basin, People's Republic of China. *Ibis*, **144**, E45–E56.
- Conde, D. A., Staerk, J., Colchero, F., et al. (2019). Data gaps and opportunities for comparative and conservation biology. *Proceedings of the National Academy of Sciences of the United States of America*, **116**(19), 9658.
- Constantino, P. A. L. (2016). Deforestation and hunting effects on wildlife across Amazonian indigenous lands. *Ecology and Society*, **21**(2), 3. <http://dx.doi.org/10.5751/ES-08323-210203>
- Cooney, R., & Abensperg-Traun, M. (2013). Raising local community voices: CITES, livelihoods and sustainable use: Raising local community voices. *Review of European, Comparative & International Environmental Law*, **22**(3), 301–310.
- Cooney, R., Roe, D., Dublin, H., & Booker, F. (2018). *Wild life, Wild Livelihoods: Involving Communities in Sustainable Wildlife Management and Combatting the Illegal Wildlife Trade*, Nairobi: United Nations Environment Programme.

- Cordain, L., Miller, J. B., Eaton, S. B., Mann, N., Holt, S. H., & Speth, J. D. (2000). Plant-animal subsistence ratios and macronutrient energy estimations in world-wide hunter-gatherer diets. *The American Journal of Clinical Nutrition*, **71**(3), 682–692.
- Corlett, R., & Primack, R. B. (2011). *Tropical Rain Forests: An Ecological and Biogeographical Comparison*, 2nd ed, Chichester: Wiley-Blackwell.
- Corlett, R. T. (2007). The impact of hunting on the mammalian fauna of tropical Asian forests. *Biotropica*, **39**(3), 292–303.
- (2013a). The shifted baseline: Prehistoric defaunation in the tropics and its consequences for biodiversity conservation. *Biological Conservation*, **163**, 13–21.
- (2013b). Where are the subtropics? *Biotropica*, **45**(3), 273–275.
- Corlett, R. T., & Hughes, A. C. (2015). Mammals in forest ecosystems. In R. T. Corlett, & Y. Bergeron, eds., *The Routledge Handbook of Forest Ecology*. Oxford: Routledge, 264–278.
- Cormier, L. (2006). A preliminary review of neotropical primates in the subsistence and symbolism of Indigenous Lowland South American Peoples. *Ecological and Environmental Anthropology*, **2**(1), 20.
- Courchamp, F., Berec, L., & Gascoigne, J. (2008). *Allee Effects in Ecology and Conservation*, Oxford: Oxford University Press.
- Cowlishaw, G., Mendelson, S., & Rowcliffe, J. M. (2004). The bushmeat commodity chain: Patterns of trade and sustainability in a mature urban market in West Africa. *ODI Wildlife Policy Briefing*, **7**, 1–4.
- (2005). Evidence for post-depletion sustainability in a mature bushmeat market: Sustainability of bushmeat markets. *Journal of Applied Ecology*, **42**(3), 460–468.
- Craig, P. S. (2006). Epidemiology of human alveolar echinococcosis in China. *Parasitology International*, **55**, S221–S225.
- Crame, J. A. (2001). Taxonomic diversity gradients through geological time. *Diversity and Distributions*, **7**, 175–189.
- Crane, P. R., & Lidgard, S. (1989). Angiosperm diversification and paleolatitudinal gradients in Cretaceous floristic diversity. *Science*, **246**(4930), 675–678.
- Cristoffer, C. (1987). Body size differences between New World and Old World, arboreal, tropical vertebrates: Cause and Consequences. *Journal of Biogeography*, **14**(2), 165.
- Cronin, D. T., Meñe, D. B., Butynski, T. B., et al. (2010). *Opportunities Lost: The Rapidly Deteriorating Conservation Status of the Monkeys on Bioko Island, Equatorial Guinea (2010) (A report to the Government of Equatorial Guinea)*, Philadelphia, PA: Bioko Biodiversity Protection Program, Drexel University.
- Cronin, D. T., Woloszynek, S., Morra, W. A., et al. (2015). Long-term urban market dynamics reveal increased bushmeat carcass volume despite economic growth and proactive environmental legislation on Bioko Island, Equatorial Guinea. *PLoS ONE*, **10**(7), e0134464.
- Crookes, D., Humphreys, D., Masroh, F., Tarchie, B., & Milner-Gulland, E. (2014). The role of hunting in village livelihoods in the Ashanti region, Ghana. *South African Journal of Economic and Management Sciences*, **10**(4), 457–469.
- Crookes, D. J., & Milner-Gulland, E. J. (2006). Wildlife and economic policies affecting the bushmeat trade: A framework for analysis. *South African Journal of Wildlife Research*, **36**(2), 159–165.

- Crush, J., & Riley, L. (2019). Rural bias and urban food security. In J. Battersby, & V. Watson, eds., *Urban Food Systems Governance and Poverty in African Cities*, Abingdon: Routledge, 42–55.
- Cui, J., Li, F., & Shi, Z.-L. (2019). Origin and evolution of pathogenic coronaviruses. *Nature Reviews Microbiology*, **17**(3), 181–192.
- Cullen Jr, L., Bodmer, R. E., & Pádua, C. V. (2000). Effects of hunting in habitat fragments of the Atlantic forests, Brazil. *Biological Conservation*, **95**, 49–56.
- Cury, P. M., Mullon, C., Garcia, S. M., & Shannon, L. J. (2005). Viability theory for an ecosystem approach to fisheries. *ICES Journal of Marine Science*, **62**(3), 577–584.
- d’Errico, F., Backwell, L., Villa, P., *et al.* (2012a). Early evidence of San material culture represented by organic artifacts from Border Cave, South Africa. *Proceedings of the National Academy of Sciences of the United States of America*, **109**(33), 13214–13219.
- (2012b). Reply to Evans: Use of poison remains the most parsimonious explanation for Border Cave castor bean extract. *Proceedings of the National Academy of Sciences of the United States of America*, **109**(48), E3291–E3292.
- Da Fonseca, G. A., Herrmann, G., Leite, Y. L., Mittermeier, R. A., Rylands, A. B., & Patton, J. L. (1996). *Lista Anotada dos Mamíferos do Brasil*, Washington, DC: Conservation International.
- Da Silva, M. N. F., Shepard, G. H., & Yu, D. W. (2005). Conservation implications of primate hunting practices among the Matsigenka of Manu National Park. *Neotropical Primates*, **13**(2), 31–36.
- Daily, G. C. (1995). Restoring value to the world’s degraded lands. *Science*, **269**, 350–354.
- Damania, R., Milner-Gulland, E. J., & Crookes, D. J. (2005). A bioeconomic analysis of bushmeat hunting. *Proceedings of the Royal Society B: Biological Sciences*, **272**(1560), 259–266.
- Danielsen, F., Jensen, P. M., Burgess, N. D., *et al.* (2014). A multicountry assessment of tropical resource monitoring by local communities. *BioScience*, **64**(3), 236–251.
- Darimont, C. T., Coddling, B. F., & Hawkes, K. (2017). Why men trophy hunt. *Biology Letters*, **13**(3), 20160909.
- Daszak, P., Zambrana-Torrel, C., Bogich, T. L., *et al.* (2013). Interdisciplinary approaches to understanding disease emergence: The past, present, and future drivers of Nipah virus emergence. *Proceedings of the National Academy of Sciences of the United States of America*, **110**(Supplement_1), 3681–3688.
- Davidson, N. C. (2014). How much wetland has the world lost? Long-term and recent trends in global wetland area. *Marine and Freshwater Research*, **65**(10), 934.
- Davies, G. E. (1994). Colobine populations. In G. E. Conner, & J. F. Oates, eds., *Colobine Monkeys: Their Ecology, Behaviour and Evolution*, Cambridge University Press, 285–310.
- Davis, S., Makundi, R. H., Machang’u, R. S., & Leirs, H. (2006). Demographic and spatio-temporal variation in human plague at a persistent focus in Tanzania. *Acta Tropica*, **100**(1–2), 133–141.

- Daw, T. M., Coulthard, S., Cheung, W. W. L., *et al.* (2015). Evaluating taboo trade-offs in ecosystems services and human well-being. *Proceedings of the National Academy of Sciences of the United States of America*, **112**(22), 6949–6954.
- De Albuquerque, U. P., de Lima Araújo, E., El-Deir, A. C. A., *et al.* (2012). Caatinga revisited: Ecology and conservation of an important seasonal dry forest. *The Scientific World Journal*, **2012**, 1–18.
- De Araujo Lima Constantino, P. (2015). Dynamics of hunting territories and prey distribution in Amazonian Indigenous Lands. *Applied Geography*, **56**, 222–231.
- De Araujo Lima Constantino, P., Valente-Neto, F., Nunes, A. V., & Campos-Silva, J. V. (2021). Culture still matters: Conservation implications of hunting by ethnolinguistic groups in Southwestern Amazonia after centuries of contact. *Biodiversity and Conservation*, **30**(2), 445–460.
- De Mattos Vieira, M. A. R., von Muhlen, E. M., & Shepard, G. (2015). Participatory monitoring and management of subsistence hunting in the Piagaçu-Purus Reserve, Brazil. *Conservation and Society*, **13**(3), 254–264.
- De Merode, E., & Cowlshaw, G. (2006). Species protection, the changing informal economy, and the politics of access to the bushmeat trade in the Democratic Republic of Congo: Politics of access to the bushmeat trade. *Conservation Biology*, **20**(4), 1262–1271.
- De Merode, E., Homewood, K., & Cowlshaw, G. (2004). The value of bushmeat and other wild foods to rural households living in extreme poverty in Democratic Republic of Congo. *Biological Conservation*, **118**(5), 573–581.
- De Souza-Mazurek, R. R., Pedrinho, T., Feliciano, X., Hilário, W., Gerônimo, S., & Marcelo, E. (2000). Subsistence hunting among the Waimiri Atroari Indians in central Amazonia, Brazil. *Biodiversity & Conservation*, **9**(5), 579–596.
- De Vos, A. (1977). Game as food. *Unasylva*, **29**, 2–12.
- De Vos, V., & Bryden, H. B. (1996). Anthrax in the Kruger National Park: Temporal and spatial patterns of disease occurrence. *Salisbury Medical Bulletin*, **87** (Special Suppl.), 26–30.
- Deith, M. C. M., & Brodie, J. F. (2020). Predicting defaunation: Accurately mapping bushmeat hunting pressure over large areas. *Proceedings of the Royal Society B: Biological Sciences*, **287**(1922), 20192677.
- Del Vingt, W. (1997). *La Chasse Villageoise Synthèse régionale des études réalisées durant la première phase du Programme ECOFAC au Cameroun, au Congo et en République Centrafricaine*.
- Delaporte, E., Peeters, M., Simoni, M., & Piot, P. (1989). HTLV-I infection in western equatorial Africa. *Lancet*, **2**(8673), 1226.
- Delvingt, W. (1997). *La Chasse Villageoise Synthèse régionale des études réalisées durant la première phase du Programme ECOFAC au Cameroun, au Congo et en République Centrafricaine. Faculté Universitaire Des Sciences Agronomiques Des Gembloux: ECOFAC AGRECO-CTFT*, 73.
- Delvingt, W., Dethier, M., Auzel, P., & Jeanmart, P. (2001). La chasse villageoise Badjoué, gestion coutumière durable ou pillage de la ressource gibier. In *La forêt des hommes: Terroirs villageois en forêt tropicale africaine*, In W. Delvingt, ed. Gembloux, Belgium: Presses Agronomiques de Gembloux, 65–92.
- Despommier, D., Ellis, B. R., & Wilcox, B. A. (2007). The role of ecotones in emerging infectious diseases. *EcoHealth*, **3**(4), 281–289.

- Di Giulio, D. B., & Eckburg, P. B. (2004). Human monkeypox: An emerging zoonosis. *The Lancet Infectious Diseases*, **4**(1), 15–25.
- Di Marco, M., Boitani, L., Mallon, D., *et al.* (2014). A retrospective evaluation of the global decline of carnivores and ungulates: Global decline of carnivores and ungulates. *Conservation Biology*, **28**(4), 1109–1118.
- Di Minin, E., Brooks, T. M., Toivonen, T., *et al.* (2019). Identifying global centers of unsustainable commercial harvesting of species. *Science Advances*, **5**(4), eaau2879.
- Diamond, J. (1988). The golden age that never was. *Discover*, **9**(12), 70–79.
- (1989). Quaternary megafaunal extinctions: Variations on a theme by Paganini. *Journal of Archaeological Science*, **16**(2), 167–175.
- Diamond, J., & Wolfe, N. (2020, March 16). How we can stop the next new virus. *The Washington Post*, 10.
- Dickinson, J. L., Zuckerman, B., & Bonter, D. N. (2010). Citizen science as an ecological research tool: Challenges and benefits. *Annual Review of Ecology, Evolution, and Systematics*, **41**(1), 149–172.
- Dickman, A., Johnson, P. J., van Kesteren, F., & Macdonald, D. W. (2015). The moral basis for conservation: How is it affected by culture? *Frontiers in Ecology and the Environment*, **13**(6), 325–331.
- Dillingham, P. W., & Fletcher, D. (2008). Estimating the ability of birds to sustain additional human-caused mortalities using a simple decision rule and allometric relationships. *Biological Conservation*, **141**(7), 1783–1792.
- Diniz-Filho, J. A. F. (2004). Macroecological analyses support an overkill scenario for late Pleistocene extinctions. *Brazilian Journal of Biology*, **64**(3a), 407–414.
- Dira, S. J., & Hewlett, B. S. (2016). Learning to spear hunt among Ethiopian Chabu adolescent hunter-gatherers. In H. Terashima and B. S. Hewlett *Social Learning and Innovation in Contemporary Hunter-Gatherers*, Tokyo: Springer Japan, 71–81.
- Dirzo, R., Young, H. S., Galetti, M., Ceballos, G., Isaac, N. J., & Collen, B. (2014). Defaunation in the Anthropocene. *Science*, **345**(6195), 401–406.
- Dixon, M. J. R., Loh, J., Davidson, N. C., Beltrame, C., Freeman, R., & Walpole, M. (2016). Tracking global change in ecosystem area: The Wetland Extent Trends index. *Biological Conservation*, **193**, 27–35.
- Dixon, R. M., & Aikhenvald, A. Y. (eds.). (1999). *The Amazonian Languages*, Vol. **20**, Cambridge: Cambridge University Press.
- Dobson, A. D. M., Milner-Gulland, E. J., Ingram, D. J., & Keane, A. (2019). A framework for assessing impacts of wild meat hunting practices in the Tropics. *Human Ecology*, **47**(3), 449–464.
- Dobson, A. P., & Carper, E. R. (1996). Infectious diseases and human population history. *BioScience*, **46**(2), 115–126.
- Dobson, A. P., Pimm, S. L., Kaufman, L., *et al.* (2020). Ecology and economics for pandemic prevention. *Science*, **369**, 3.
- Dodet, B., Tejiokem, M. C., Aguemou, A.-R., & Bourhy, H. (2015). Human rabies deaths in Africa: Breaking the cycle of indifference. *International Health*, **7**(1), 4–6.
- Domroes, M. (2003). Climatological characteristics of the tropics in China: Climate classification schemes between German scientists and Huang Bingwei. *Journal of Geographical Sciences*, **13**(3), 271–285.

- Donnelly, C. A., Woodroffe, R., Cox, D. R., *et al.* (2003). Impact of localized badger culling on tuberculosis incidence in British cattle. *Nature*, **426**(6968), 834–837.
- Dounias, E. (2016). From subsistence to commercial hunting: Technical shift in cynegetic practices among Southern Cameroon forest dwellers during the 20th century. *Ecology and Society*, **21**(1), 23. <http://dx.doi.org/10.5751/ES-07946-210123/>
- (2018). Cooperating with the wild. Past and present auxiliary animals assisting humans in their foraging activities. In C. Stépanoff, & J.-D. Vigne, eds., *Hybrid Communities: Biosocial Approaches to Domestication and Other Trans-species Relationship*, Abingdon,: Routledge, 197–220.
- Dounias, E., & Froment, A. (2011). From foraging to farming among present-day forest hunter-gatherers: Consequences on diet and health. *International Forestry Review*, **13**(3), 294–304.
- Dounias, E., & Leclerc, C. (2006). Spatial shifts and migration time scales among the Baka Pygmies of Cameroon and the Punan of Borneo. In W. de Jong, T. P. Lye, & A. Ken-Chi, eds., *The Social Ecology of Tropical Forest: Migration, Populations and Frontiers*, Kyoto: Trans Pacific Press, 147–173.
- Dragon, D. C., Rennie, R. P., & Gates, C. C. (1996). Bison and anthrax in northern Canada. *Salisbury Medical Bulletin*, **87** (Special Suppl.), 22–23.
- Drake, N. (2015, October 13). An isolated tribe is emerging from Peru's Amazonian wilderness. *National Geographic*, **2**.
- Drexler, J. F., Corman, V. M., & Drosten, C. (2014). Ecology, evolution and classification of bat coronaviruses in the aftermath of SARS. *Antiviral Research*, **101**, 45–56.
- Drexler, J. F., Corman, V. M., Gloza-Rausch, F., *et al.* (2009). Henipavirus RNA in African bats. *PLoS ONE*, **4**(7), e6367.
- Drosten, C., Günther, S., Preiser, W., *et al.* (2003). Identification of a novel coronavirus in patients with severe acute respiratory syndrome. *New England Journal of Medicine*, **348**(20), 1967–1976.
- Dublin, H. T. (1995). Vegetation dynamics in the Serengeti-Mara ecosystem: The role of elephants, fire, and other factors. In A. R. E. Sinclair, & P. Arcese, eds., *Serengeti II: Dynamics, Management, and Conservation of an Ecosystem*, Vol. **2**, Chicago, IL: University of Chicago Press, 71.
- Dubost, G. (1978). Un aperçu sur l'écologie du chevreton africain *Hyemoschus aquaticus* Ogilby, *Artiodactyle Tragulidé*. *Mammalia*, **42**(1), 1–62.
- (1979). The size of African forest artiodactyls as determined by the vegetation structure. *African Journal of Ecology*, **17**(1), 1–17.
- Duckworth, J. W., Batters, G., Belant, J. L., *et al.* (2012). Why South-east Asia should be the world's priority for averting imminent species extinctions, and a call to join a developing cross-institutional programme to tackle this urgent issue. *S.A.P.I.E.N.S* (Online), 5.2 URL : <http://journals.openedition.org/sapiens/1327>
- Duda, R. (2017). Ethnoecology of hunting in an empty forest: Practices, local perceptions and social change among the Baka (Cameroon) (PhD thesis), Universitat Autònoma de Barcelona, Barcelona, Spain.
- Duda, R., Gallois, S., & Reyes-García, V. (2017). Hunting techniques, wildlife offtake and market integration. A perspective from individual variations among the Baka (Cameroon). *African Study Monographs*, **38**, 97–118.

- Duffy, R., St John, F. A. V., Büscher, B., & Brockington, D. (2016). Toward a new understanding of the links between poverty and illegal wildlife hunting. *Conservation Biology*, **30**(1), 14–22.
- Duncan, R. P., Forsyth, D. M., & Hone, J. (2007). Testing the metabolic theory of ecology: Allometric scaling exponents in mammals. *Ecology*, **88**(2), 324–333.
- Dupain, J., Nackoney, J., Mario Vargas, J., *et al.* (2012). Bushmeat characteristics vary with catchment conditions in a Congo market. *Biological Conservation*, **146**(1), 32–40.
- Dupré, G. (1976). La chasse au filet chez les Nzabi (République Populaire du Congo). *ORSTOM Série Sciences Humaines*, **13**(4), 343–355.
- Dusseldorp, G. L. (2012). Studying prehistoric hunting proficiency: Applying optimal foraging theory to the Middle Palaeolithic and Middle Stone Age. *Quaternary International*, **252**, 3–15.
- East, T., Kämpel, N. F., Milner-Gulland, E. J., & Rowcliffe, J. M. (2005). Determinants of urban bushmeat consumption in Río Muni, Equatorial Guinea. *Biological Conservation*, **126**(2), 206–215.
- Eaton, S., Eaton, S., & Konner, M. (1997). Review Paleolithic nutrition revisited: A twelve-year retrospective on its nature and implications. *European Journal of Clinical Nutrition*, **51**(4), 207–216.
- EcoHealth Alliance & University of Sao Paulo. (2015). *An ecoHealth approach: Prediction and prevention of emerging infectious diseases from wildlife: final technical report*. <https://idl-bnc-idrc.dspacedirect.org/bitstream/handle/10625/58827/IDL%20-%2058827.pdf>
- Edderai, D., & Dame, M. (2006). A census of the commercial bushmeat market in Yaoundé, Cameroon. *Oryx*, **40**(4), 472–475.
- Edwards, W., & Gibson, K. (1979). An ethnohistory of Amerindians in Guyana. *Ethnohistory*, **26**(2), 161.
- Effiom, E. O., Birkhofer, K., Smith, H. G., & Olsson, O. (2014). Changes of community composition at multiple trophic levels due to hunting in Nigerian tropical forests. *Ecography*, **37**(4), 367–377.
- Effiom, E. O., Nunez-Iturri, G., Smith, H. G., Ottosson, U., & Olsson, O. (2013). Bushmeat hunting changes regeneration of African rainforests. *Proceedings of the Royal Society B: Biological Sciences*, **280**(1759), 20130246.
- Eisenberg, J. F. (1980). The density and biomass of tropical mammals. In M. Soulee, & B. Wilcox, eds., *Conservation biology: An Evolutionary-Ecological Perspective*, Sunderland, MA: Sinauer Associates, 35–55.
- Eisenberg, J. F., & Thorington, R. W. (1973). A preliminary analysis of a Neotropical mammal fauna. *Biotropica*, **5**(3), 150–161.
- Eisenberg, J. F., & Seidensticker, J. (1976). Ungulates in southern Asia: A consideration of biomass estimates for selected habitats. *Biological Conservation*, **10**, 293–308.
- El Bizri, H. R., Fa, J. E., Lemos, L. P., *et al.* (2020a). Involving local communities for effective citizen science: Determining game species' reproductive status to assess hunting effects in tropical forests. *Journal of Applied Ecology*, **58**(2), 224–235.
- El Bizri, H. R., Morcatty, T. Q., & Ferreira, J. C. (2020b). Social and biological correlates of wild meat consumption and trade by rural communities in the Jutai River Basin, Central Amazonia. *Journal of Ethnobiology*, **40**(2), 183–201

- El Bizri, H. R., Morcatty, T. Q., Valsecchi, J., *et al.* (2019). Urban wild meat consumption and trade in central Amazonia. *Conservation Biology*, **34**(2), 438–448.
- El Masry, I., Dobschuetz, S., Plee, L., *et al.* (2020). *Exposure of humans or animals to SARS-CoV-2 from wild, livestock, companion and aquatic animals*, Rome: FAO. doi:10.4060/ca9959en
- Elkan, P. W., Elkan, S. W., Moukassa, A., Malonga, R., Ngangoue, M., & Smith, J. L. D. (2006). Managing threats from bushmeat hunting in a timber concession in the Republic of Congo. In C. Peres, & W. Laurance, eds., *Emerging Threats to Tropical Forests*, Chicago, IL: University of Chicago Press, 395–415.
- Ellis, E. C., & Ramankutty, N. (2008). Putting people in the map: Anthropogenic biomes of the world. *Frontiers in Ecology and the Environment*, **6**(8), 439–447.
- Ellis, J., Oyston, P. C. F., Green, M., & Titball, R. W. (2002). Tularemia. *Clinical Microbiology Reviews*, **15**(4), 631–646.
- Emery-Wetherell, M. M., McHorse, B. K., & Byrd Davis, E. (2017). Spatially explicit analysis sheds new light on the Pleistocene megafaunal extinction in North America. *Paleobiology*, **43**(4), 642–655.
- Emlen, J. M. (1966). The role of time and energy in food preference. *The American Naturalist*, **100**(916), 611–617.
- Emmons, L. H., Gautier-Hion, A., & Dubost, G. (1983). Community structure of the frugivorous-folivorous forest mammals of Gabon. *Journal of Zoology*, **199**(2), 209–222.
- Emmons, L. H., & Gentry, A. H. (1983). Tropical forest structure and the distribution of gliding and prehensile-tailed Vertebrates. *The American Naturalist*, **121**(4), 513–524.
- Endo, W., Peres, C. A., & Haugaasen, T. (2016). Flood pulse dynamics affects exploitation of both aquatic and terrestrial prey by Amazonian floodplain settlements. *Biological Conservation*, **201**, 129–136.
- Epstein, J. H., Gurley, E. S., Patz, J. A., *et al.* (2014). The role of landscape composition and configuration on *Pteropus giganteus* roosting ecology and nipah virus spillover risk in Bangladesh. *The American Journal of Tropical Medicine and Hygiene*, **90**(2), 247–255.
- Estes, J. A. (1990). Growth and equilibrium in sea otter populations. *Journal of Animal Ecology*, **59**(2), 385–401.
- Etiendem, D. N. (2008). Traditional knowledge on Cross River gorilla conservation: A case study in the Bechati-Fossimondi-Besali area, southwest Cameroon (MSc dissertation), Vrije Universiteit Brussel, Brussels.
- Evans, K. L., Greenwood, J. J., & Gaston, K. J. (2005). Dissecting the species–energy relationship. *Proceedings of the Royal Society B: Biological Sciences*, **272**(1577), 2155–2163.
- Eves, H. E., Hutchins, M., & Bailey, N. D. (2008). The bushmeat crisis task force (BCTF). In T. S. Stoinski, H. D. Steklis, & P. T. Mehlman, eds., *Conservation in the 21st century: Gorillas as a Case Study*, Springer, 327–344.
- Eves, H. E., & Ruggiero, R. G. (1999). Socioeconomics and the sustainability of hunting in the forests of northern Congo (Brazzaville). In J. G. Robinson, & E. L. Bennett, eds., *Hunting for Sustainability in Tropical Forests*, New York: Columbia University Press, 427–454.

- Ezenwa, V. O., Godsey, M. S., King, R. J., & Gupstill, S. C. (2006). Avian diversity and West Nile virus: Testing associations between biodiversity and infectious disease risk. *Proceedings of the Royal Society B: Biological Sciences*, **273**(1582), 109–117.
- Fa, J. E. (1999). Hunted animals in Bioko Island, West Africa: Sustainability and future. In J. G. Robinson, & E. L. Bennett, eds., *Hunting for Sustainability in Tropical Forests*, New York: Columbia University Press, 168–198.
- (2007). Bushmeat Markets - White Elephants or Red Herrings? In G. Davies, & D. Brown, eds., *Bushmeat and Livelihoods: Wildlife Management and Poverty Reduction*, Oxford: Blackwell, 47–60.
- Fa, J. E., Albrechtsen, L., Johnson, P. J., & Macdonald, D. W. (2009). Linkages between household wealth, bushmeat and other animal protein consumption are not invariant: Evidence from Rio Muni, Equatorial Guinea: Bushmeat consumption and household wealth. *Animal Conservation*, **12**(6), 599–610.
- Fa, J. E., & Brown, D. (2009). Impacts of hunting on mammals in African tropical moist forests: A review and synthesis. *Mammal Review*, **39**(4), 231–264.
- Fa, J. E., Currie, D., & Meeuwig, J. (2003). Bushmeat and food security in the Congo Basin: Linkages between wildlife and people's future. *Environmental Conservation*, **30**(1), 71–78.
- Fa, J. E., Funk, S. M., & O'Connell, D. (2011). *Zoo Conservation Biology*, Cambridge: Cambridge University Press.
- Fa, J. E., & García Yuste, J. E. (2001). Commercial bushmeat hunting in the Monte Mitra forests, Equatorial Guinea: Extent and impact. *Animal Biodiversity and Conservation*, **24**(1), 31–52.
- Fa, J. E., Johnson, P. J., Dupain, J., Lapuente, J., Köster, P., & Macdonald, D. W. (2004). Sampling effort and dynamics of bushmeat markets. *Animal Conservation*, **7**, 409–416.
- Fa, J. E., Juste, J., Del Val, J. P., & Castroviejo, J. (1995). Impact of market hunting on mammal species in Equatorial Guinea. *Conservation Biology*, **9**(5), 1107–1115.
- Fa, J. E., Nasi, R., & Funk, S. M. (2021). The COVID-19 pandemic endangers Africa's indigenous Pygmy populations. *EcoHealth*, **18**(4), 403–440.
- Fa, J. E., Olivero, J., Farfán, M. A., et al. (2015a). Correlates of bushmeat in markets and depletion of wildlife. *Conservation Biology*, **29**(3), 805–815.
- Fa, J. E., Olivero, J., Farfán, M. A., et al. (2016). Differences between Pygmy and non-Pygmy hunting in Congo Basin Forests. *PLoS ONE*, **11**(9), e0161703.
- Fa, J. E., Olivero, J., Real, R., et al. (2015b). Disentangling the relative effects of bushmeat availability on human nutrition in central Africa. *Scientific Reports*, **5**(1), 8168.
- Fa, J. E., & Peres, C. A. (2001). Game vertebrate extraction in African and Neotropical forests: An intercontinental comparison. In J. D. Reynolds, G. M. Mace, K. H. Redford, & J. G. Robinson, eds., *Conservation of Exploited Species*, Cambridge University Press, 203–241.
- Fa, J. E., Peres, C. A., & Meeuwig, J. (2002). Bushmeat exploitation in tropical forests: An intercontinental comparison. *Conservation Biology*, **16**(1), 232–237.

- Fa, J. E., & Purvis, A. (1997). Body size, diet and population density in Afrotropical forest mammals: A comparison with neotropical species. *Journal of Animal Ecology*, **66**(1), 98–112.
- Fa, J. E., Ryan, S. F., & Bell, D. J. (2005). Hunting vulnerability, ecological characteristics and harvest rates of bushmeat species in afrotropical forests. *Biological Conservation*, **121**(2), 167–176.
- Fa, J. E., Seymour, S., Dupain, J., Amin, R., Albrechtsen, L., & Macdonald, D. (2006). Getting to grips with the magnitude of exploitation: Bushmeat in the Cross–Sanaga rivers region, Nigeria and Cameroon. *Biological Conservation*, **129**(4), 497–510.
- Fa, J. E., Stewart, J. R., Lloveras, L., & Vargas, J. M. (2013). Rabbits and hominin survival in Iberia. *Journal of Human Evolution*, **64**, 233–241.
- Fa, J. E., Watson, J. E., Leiper, I., *et al.* (2020). Importance of Indigenous Peoples' lands for the conservation of Intact Forest Landscapes. *Frontiers in Ecology and the Environment*, **18**(3), 135–140.
- Fa, J. E., Wright, J. H., Funk, S. M., *et al.* (2019). Mapping the availability of bushmeat for consumption in Central African cities. *Environmental Research Letters*, **14**(9), 094002.
- Fa, J. E., Yuste, J. E. G., & Castelo, R. (2000). Bushmeat markets on Bioko Island as a measure of hunting pressure. *Conservation Biology*, **14**(6), 1602–1613.
- Fagan, W. F., & Holmes, E. E. (2006). Quantifying the extinction vortex. *Ecology Letters*, **9**(1), 51–60.
- Falk, H., Dürr, S., Hauser, R., *et al.* (2013). Illegal import of bushmeat and other meat products into Switzerland on commercial passenger flights. *Revue Scientifique et Technique (International Office of Epizootics)*, **32**, 727–739.
- FAO. (2019). *Safeguarding against Economic Slowdowns and Downturns*, Rome: FAO.
- (2020a). *Global Emergence of Infectious Diseases: Links with Wild Meat Consumption, Ecosystem Disruption, Habitat Degradation and Biodiversity Loss*, Rome: FAO. www.fao.org/documents/card/en/c/ca9456en
- (2020b). *The COVID-19 Challenge: Zoonotic Diseases and Wildlife. Collaborative Partnership on Sustainable Wildlife Management's Four Guiding Principles to Reduce Risk From Zoonotic Diseases and Build More Collaborative Approaches in Human Health and Wildlife Management*. Rome: FAO. www.fao.org/3/cb1163en/CB1163EN.pdf
- (2021). FAOSTAT- Annual Population. www.fao.org/faostat/en/#data/OA
- FAO Fisheries Department. (2003). *The Ecosystem Approach to Fisheries* (No. 4, Suppl. 2.), Rome: FAO.
- FAO/WHO/UNU. (2007). *Protein and Amino Acid Requirements in Human Nutrition: Report of a Joint FAO/WHO/UNU expert consultation*, Geneva: World Health Organization.
- Fargeot, C., Drouet-Hoguet, N., & Le Bel, S. (2017). The role of bushmeat in urban household consumption: Insights from Bangui, the capital city of the Central African Republic. *Bois et Forêts Des Tropiques*, **(332)**, 31–42.
- Faust, C. L., Dobson, A. P., Gottdenker, N., *et al.* (2017). Null expectations for disease dynamics in shrinking habitat: Dilution or amplification? *Philosophical Transactions of the Royal Society B: Biological Sciences*, **372**(1722), 20160173.

- Feldman, M., Harbeck, M., Keller, M., *et al.* (2016). A high-coverage *Yersinia pestis* genome from a sixth-century Justinianic plague victim. *Molecular Biology and Evolution*, **33**(11), 2911–2923.
- Fenchel, T. (1974). Intrinsic rate of natural increase: The relationship with body size. *Oecologia*, **14**(4), 317–326.
- Feng, J., Sun, Y., Li, H., *et al.* (2021). Assessing mammal species richness and occupancy in a Northeast Asian temperate forest shared by cattle. *Diversity and Distributions*, **27**(50), 857–872.
- Fenner, F., Henderson, D. A., Arita, I., Jezek, Z., & Ladnyi, I. D. (1988). *Smallpox and its Eradication*, Vol. 6. Geneva: World Health Organization.
- Fernandes-Ferreira, H., Mendonça, S. V., Albano, C., Ferreira, F. S., & Alves, R. R. N. (2012). Hunting, use and conservation of birds in Northeast Brazil. *Biodiversity and Conservation*, **21**(1), 221–244.
- Fiedel, S., & Haynes, G. (2004). A premature burial: Comments on Grayson and Meltzer's 'Requiem for overkill.' *Journal of Archaeological Science*, **31**(1), 121–131.
- Fiedel, S. J. (2005). Man's best friend – mammoth's worst enemy? A speculative essay on the role of dogs in Paleoindian colonization and megafaunal extinction. *World Archaeology*, **37**(1), 11–25.
- Field, H. E. (2009). Bats and emerging zoonoses: Henipaviruses and SARS. *Zoonoses and Public Health*, **56**(6–7), 278–284.
- Figueiredo, L., Krauss, J., Steffan-Dewenter, I., & Sarmiento Cabral, J. (2019). Understanding extinction debts: Spatio-temporal scales, mechanisms and a roadmap for future research. *Ecography*, **42**(12) 1973–1990.
- Fimbel, C., Curran, B., & Usongo, L. (1999). Enhancing the sustainability of duiker hunting through community participation and controlled access in the Lobéké region of southeastern Cameroon. In J. G. Robinson, & E. L. Bennet, eds., *Hunting for Sustainability in Tropical Forests*, New York: Columbia University Press, 356–374.
- Fiorini, S., Yearley, S., & Dandy, N. (2011). Wild deer, multivalence, and institutional adaptation: The 'Deer Management Group' in Britain. *Human Organization*, **70**(2), 179–188.
- Fittkau, E. J., & Klinge, H. (1973). On biomass and trophic structure of the Central Amazonian rain forest ecosystem. *Biotropica*, **5**(1), 2–14.
- Fitzgibbon, C. (1998). The management of subsistence harvesting: Behavioral ecology of hunters and their mammalian prey. In T. Caro, ed., *Behavioral Ecology and Conservation Biology*, 449–473.
- Fitzgibbon, C. D., Mogaka, H., & Fanshawe, J. H. (1995). Subsistence hunting in Arabuko-Sokoke Forest, Kenya, and its effects on mammal populations. *Conservation Biology*, **9**(5), 1116–1126.
- Fitzgibbon, C. D., Mogaka, H., & Fanshawe, J. H. (1999). Threatened mammals, subsistence harvesting and high human population densities: A recipe for disaster? In J. G. Robinson, & L. E. Bennett, eds., *Hunting for Sustainability in Tropical Forests*, New York: Columbia University Press.
- Fitzmaurice, M. (2010). Indigenous whaling, protection of the environment, inter-generational rights and environmental ethics. *The Yearbook of Polar Law Online*, **2**(1), 253–277.

- Fleagle, J. G., Kay, R. F., & Anthony, M. R. L. (1997). Fossil New World monkeys. In R. D. Madden, R. L. Cifelli, & J. J. Flynn, eds., *Vertebrate Paleontology in the Neotropics: The Miocene fauna of La Venta, Colombia*, Washington, DC: Smithsonian Institution Press, 473–495.
- Fleagle, J. G., & Reed, K. E. (1996). Comparing primate communities: A multivariate approach. *Journal of Human Evolution*, **30**(6), 489–510.
- Fleming, T. H., Breitwisch, R., & Whitesides, G. H. (1987). Patterns of tropical vertebrate frugivore diversity. *Annual Review of Ecology and Systematics*, **18**(1), 91–109.
- Forline, L. C. (1997). The persistence and cultural transformation of the Guajá Indians, foragers of Maranhão State, Brazil (PhD thesis), Gainesville: University of Florida.
- Forrester, J. D., Apangu, T., Griffith, K., et al. (2017). Patterns of human plague in Uganda, 2008–2016. *Emerging Infectious Diseases*, **23**(9), 1517–1521.
- Fotso, R. C., & Ngnegueu, P. R. (1998). *Commercial Hunting and its Consequences on the Dynamics of Duiker Populations*, Cameroon: ECOFAC.
- Fragoso, J. M., Levi, T., Oliveira, L. F., et al. (2016). Line transect surveys under-detect terrestrial mammals: Implications for the sustainability of subsistence hunting. *PLoS One*, **11**(4), e0152659.
- Francesconi, W., Bax, V., Blundo-Canto, G., et al. (2018). Hunters and hunting across indigenous and colonist communities at the forest-agriculture interface: An ethnozoological study from the Peruvian Amazon. *Journal of Ethnobiology and Ethnomedicine*, **14**, 54.
- Franco, C. L. B., El Bizri, H. R., de Souza, P. R., et al. (2021). Community-based environmental protection in the Brazilian Amazon: Recent history, legal landmarks and expansion across protected areas. *Journal of Environmental Management*, **287**, 112314.
- Franzen, M. (2006). Evaluating the sustainability of hunting: A comparison of harvest profiles across three Huaorani communities. *Environmental Conservation*, **33**(1), 36–45.
- Friant, S., Ayambem, W. A., Alobi, A. O., et al. (2020). Eating bushmeat improves food security in a biodiversity and infectious disease ‘hotspot.’ *EcoHealth*, **17**(1), 125–138.
- Friant, S., Paige, S. B., & Goldberg, T. L. (2015). Drivers of bushmeat hunting and perceptions of zoonoses in Nigerian hunting communities. *PLoS Neglected Tropical Diseases*, **9**(5), e0003792.
- Froment, A. (2014). Human biology and the health of African rainforest inhabitants. In B. S. Hewlett, ed., *Hunter-gatherers of the Congo Basin*, New Brunswick, NJ: Transaction Publishers, 117–164.
- Frutos, R., Lopez Roig, M., Serra-Cobo, J., & Devaux, C. A. (2020). COVID-19: The conjunction of events leading to the Coronavirus pandemic and lessons to learn for future threats. *Frontiers in Medicine*, **7**, 223.
- Fuentes-Montemayor, E., Cuarón, A. D., Vázquez-Domínguez, E., Benítez-Malvido, J., Valenzuela-Galván, D., & Andresen, E. (2009). Living on the edge: Roads and edge effects on small mammal populations. *Journal of Animal Ecology*, **78**(4), 857–865.

- Fumagalli, M., Moltke, I., Grarup, N., *et al.* (2015). Greenlandic Inuit show genetic signatures of diet and climate adaptation. *Science*, **349**(6254), 1343–1347.
- Funk, S. M., Fa, J. E., Ajong, S. N., *et al.* (2021). Pre- and post-Ebola outbreak trends in wild meat trade in West Africa. *Biological Conservation*, **255**, 109024.
- Funtowicz, S., Ravetz, J., & O'Connor, M. (1998). Challenges in the use of science for sustainable development. *International Journal of Sustainable Development*, **1**(1), 99–107.
- Galetti, M., Brocardo, C. R., Begotti, R. A., *et al.* (2017). Defaunation and biomass collapse of mammals in the largest Atlantic forest remnant. *Animal Conservation*, **20**(3), 270–281.
- Gallego-Zamorano, J., Benítez-López, A., Santini, L., Hilbers, J. P., Huijbregts, M. A. J., & Schipper, A. M. (2020). Combined effects of land use and hunting on distributions of tropical mammals. *Conservation Biology*, **34**(5), 1271–1280.
- Gálvez, H., Arbaiza, T., Carcelén, F., & Lucas, O. (1999). Valor nutritivo de las carnes de sajino (*Tayassu tajacu*), venado colorado (*Mazama americana*), majaz (*Agouti paca*) y motelo (*Geochelone denticulata*). *Revista de Investigaciones Veterinarias Del Peru*, **10**, 82–86.
- Gandiwa, E. (2011). Preliminary assessment of illegal hunting by communities adjacent to the Northern Gonarezhou National Park, Zimbabwe. *Tropical Conservation Science*, **4**(4), 445–467.
- Ganzhorn, J. U. (1992). Leaf chemistry and the biomass of folivorous primates in tropical forests. *Oecologia*, **91**(4), 540–547.
- Gao, F., Bailes, E., Robertson, D. L., *et al.* (1999). Origin of HIV-1 in the chimpanzee. *Nature*, **397**(6718), 436–441.
- Gao, H.-W., Wang, L.-P., Liang, S., *et al.* (2012). Change in rainfall drives malaria re-emergence in Anhui Province, China. *PLoS ONE*, **7**(8), e43686.
- Garcia, C. A., & Lescuyer, G. (2008). Monitoring, indicators and community based forest management in the tropics: Pretexts or red herrings? *Biodiversity and Conservation*, **17**(6), 1303–1317.
- Gardner, C. J., Bicknell, J. E., Baldwin-Cantello, W., Struebig, M. J., & Davies, Z. G. (2019). Quantifying the impacts of defaunation on natural forest regeneration in a global meta-analysis. *Nature Communications*, **10**(1), 4590.
- Gardner, C. J., & Davies, Z. G. (2014). Rural bushmeat consumption within multiple-use protected areas: Qualitative evidence from Southwest Madagascar. *Human Ecology*, **42**(1), 21–34.
- Garnett, S. T., Burgess, N. D., Fa, J. E., *et al.* (2018). A spatial overview of the global importance of Indigenous lands for conservation. *Nature Sustainability*, **1**(7), 369–374.
- Gaston, K. J. (1996). Biodiversity-latitude gradients. *Progress in Physical Geography*, **20**(4), 466–476.
- (2000). Global patterns in biodiversity. *Nature*, **405**(6783), 220–227.
- Gautier-Hion, A., Duplantier, J.-M., Quris, R., *et al.* (1985). Fruit characters as a basis of fruit choice and seed dispersal in a tropical forest vertebrate community. *Oecologia*, **65**(3), 324–337.

- Gautier-Hion, A., Emmons, L. H., & Dubost, G. (1980). A comparison of the diets of three major groups of primary consumers of Gabon (primates, squirrels and ruminants). *Oecologia*, **45**(2), 182–189.
- Gautret, P., Blanton, J., Dacheux, L., *et al.* (2014). Rabies in nonhuman primates and potential for transmission to humans: A literature review and examination of selected French national data. *PLoS Neglected Tropical Diseases*, **8**(5), e2863.
- Gavin, M. C., & Stepp, J. R. (2014). Rapoport's Rule revisited: Geographical distributions of human languages. *PLoS ONE*, **9**(9), e107623.
- Geoghegan, J. L., Senior, A. M., Di Giallonardo, F., & Holmes, E. C. (2016). Virological factors that increase the transmissibility of emerging human viruses. *Proceedings of the National Academy of Sciences of the United States of America*, **113**(15), 4170–4175.
- Getz, W. M., & Bergh, M. O. (1988). Quota setting in stochastic fisheries. In W. S. Wooster, ed., *Biological Objectives and Fishery Management*, Heidelberg: Springer, 259–277.
- Ghiselin, M. T. (1983). Lloyd Morgan's canon in evolutionary context. *Behavioral and Brain Sciences*, **6**(3), 362–363.
- Giacomini, H. C., & Galetti, M. (2013). An index for defaunation. *Biological Conservation*, **163**, 33–41.
- Gibb, R., Redding, D., Qing Chin, K., *et al.* (2020). Zoonotic host diversity increases in human-dominated ecosystems. *Nature*, **584**(7821), 398–402.
- Gibbons, R. (2004). Examining the extinction of the Pleistocene megafauna. *Scholarly Undergraduate Research Journal*, **3**, 22–27.
- Gill, D. J. C., Fa, J. E., Rowcliffe, J. M., & Kümpel, N. F. (2012). Drivers of change in hunter offtake and hunting strategies in Sendje, Equatorial Guinea. *Conservation Biology*, **26**(6), 1052–1060.
- Giombini, M. I., Bravo, S. P., Sica, Y. V., & Tosto, D. S. (2017). Early genetic consequences of defaunation in a large-seeded vertebrate-dispersed palm (*Syagrus romanzoffiana*). *Heredity*, **118**(6), 568–577.
- Glanz, W. E. (1982). The terrestrial mammal fauna of Barro Colorado Island: Censuses and long-term changes. In E. G. Leigh Jr., A. S. Rand, & D. M. Windsor, eds., *The Ecology of a Tropical Forest*, Washington, DC: Smithsonian Institution Press, 455–468.
- (1991). Mammalian densities at protected versus hunted sites in Central Panama. In J. G. Robinson, & K. H. Redford, eds., *Neotropical Wildlife Use and Conservation*, Chicago, IL: University of Chicago Press, 163–173.
- Glennon, E. E., Jephcott, F. L., Restif, O., & Wood, J. L. N. (2019). Estimating undetected Ebola spillovers. *PLoS Neglected Tropical Diseases*, **13**(6), e0007428.
- Global Forest Watch. (2002). *An analysis of access into Central Africa's rainforests*, Washington, DC: World Resources Institute.
- Golden, C. D. (2009). Bushmeat hunting and use in the Makira Forest, north-eastern Madagascar: A conservation and livelihoods issue. *Oryx*, **43**(3), 386–392.
- Golden, C. D., Fernald, L. C. H., Brashares, J. S., Rasolofoniaina, B. J. R., & Kremen, C. (2011). Benefits of wildlife consumption to child nutrition in a

- biodiversity hotspot. *Proceedings of the National Academy of Sciences of the United States of America*, **108**(49), 19653–19656.
- Goldstein, T., Anthony, S. J., Gbakima, A., *et al.* (2018). The discovery of Bombali virus adds further support for bats as hosts of ebolaviruses. *Nature Microbiology*, **3**(10), 1084–1089.
- Gombeer, S., Nebesse, C., Musaba, P., *et al.* (2021). Exploring the bushmeat market in Brussels, Belgium: A clandestine luxury business. *Biodiversity and Conservation*, **30**, 55–66.
- Gonedélé Bi, S., Koné, I., Béné, J. C. K., *et al.* (2017). Bushmeat hunting around a remnant coastal rainforest in Côte d'Ivoire. *Oryx*, **51**(3), 418–427.
- Gonwouo, L. N., & Rödel, M.-O. (2008). The importance of frogs to the livelihood of the Bakossi people around Mount Manengouba, Cameroon, with special consideration of the Hairy Frog. *Salamandra*, **44**, 23–34.
- Gonzalez, J. A. (2004). Human use and conservation of economically important birds in seasonally flooded forests of the Northeastern Peruvian Amazon. In K. Silvius, R. Bodmer, & J. Fragoso, eds., *People in Nature: Wildlife Conservation in South and Central America*, New York: Columbia University Press, 344–361.
- Goodman, S. J., Barton, N. H., Swanson, G., Abernethy, K., & Pemberton, J. M. (1999). Introgression through rare hybridization: A genetic study of a hybrid zone between red and sika deer (genus *Cervus*) in Argyll, Scotland. *Genetics*, **152**(1), 355–371.
- Gottdenker, N. L., Streicker, D. G., Faust, C. L., & Carroll, C. R. (2014). Anthropogenic land use change and infectious diseases: A review of the evidence. *EcoHealth*, **11**(4), 619–632.
- Gould, S. J., & Lewontin, R. C. (1979). The spandrels of San Marco and the Panglossian paradigm: A critique of the adaptationist programme. *Proceedings of the Royal Society of London. Series B. Biological Sciences*, **205**(1161), 581–598.
- Gow, P. (2012). The Piro canoe. A preliminary ethnographic account. *Journal de La Société Des Américanistes*, **98**(98–1), 39–61.
- Grace, D., Dipeolu, M., & Alonso, S. (2019). Improving food safety in the informal sector: Nine years later. *Infection Ecology & Epidemiology*, **9**(1), 1579613.
- Grafton, R. Q., Kompas, T., & Hilborn, R. W. (2007). Economics of overexploitation revisited. *Science*, **318**(5856), 1601.
- Grande-Vega, M., Farfán, M. Á., Ondo, A., & Fa, J. E. (2016). Decline in hunter offtake of blue duikers in Bioko Island, Equatorial Guinea. *African Journal of Ecology*, **54**(1), 49–58.
- Gray, R. D. (1987). Faith and foraging: A critique of the 'Paradigm Argument from Design.' In A. C. Kamil, J. R. Krebs, & H. R. Pulliam, eds., *Foraging Behavior*, New York: Plenum Press, 69–140.
- Gray, S. A., Zandre, E., & Gray, S. R. (2014). Fuzzy cognitive maps as representations of mental models and group beliefs. In E. I. Papageorgiou, ed., *Fuzzy Cognitive Maps for Applied Sciences and Engineering*, Heidelberg: Springer, 29–48.
- Gray, T. N. E., Hughes, A. C., Laurance, W. F., *et al.* (2018). The wildlife snaring crisis: An insidious and pervasive threat to biodiversity in Southeast Asia. *Biodiversity and Conservation*, **27**(4), 1031–1037.
- Grayson, D. K., & Meltzer, D. J. (2003). Clovis hunting and large mammal extinction: A critical review of the evidence. *Journal of World Prehistory*, **47**.

- Grayson, D. K., & Meltzer, D. J. (2004). North American overkill continued? *Journal of Archaeological Science*, **31**(1), 133–136.
- Greene, C., Umbanhowar, J., Mangel, M., & Caro, T. (1998). Animal breeding systems, hunter selectivity, and consumptive use in wildlife conservation. In T. Caro, ed., *Behavioral Ecology and Conservation Biology*, Oxford: Oxford University Press, 271–305.
- Greenstreet, S. P. R., Rogers, S. I., Rice, J. C., et al. (2011). Development of the EcoQO for the North Sea fish community. *ICES Journal of Marine Science*, **68**(1), 1–11.
- Grey-Ross, R., Downs, C. T., & Kirkman, K. (2010). An assessment of illegal hunting on farmland in KwaZulu-Natal, South Africa: Implications for Oribi (*Ourebia ourebi*) conservation. *South African Journal of Wildlife Research*, **40**(1), 43–52.
- Grieser Johns, A. (1997). *Timber Production and Biodiversity Conservation in Tropical Rain Forests*, Cambridge University Press.
- Griffiths, J. F. (1976). *Applied Climatology: An Introduction*, Oxford: Oxford University Press.
- Grimm, V., Revilla, E., Berger, U., et al. (2005). Pattern-oriented modeling of agent-based complex systems: Lessons from ecology. *Science*, **310**(5750), 987–991.
- Grobbelaar, A. A., Weyer, J., Moolla, N., Jansen van Vuren, P., Moises, F., & Paweska, J. T. (2016). Resurgence of yellow fever in Angola, 2015–2016. *Emerging Infectious Diseases*, **22**(10), 1854–1855.
- Groucutt, H. S., Petraglia, M. D., Bailey, G., et al. (2015). Rethinking the dispersal of *Homo sapiens* out of Africa. *Evolutionary Anthropology*, **24**(4), 149–164.
- Guan, Y., Zheng, B. J., He, Y. Q., et al. (2003). Isolation and characterization of viruses related to the SARS coronavirus from animals in southern China. *Science*, **302**(5643), 276–278.
- Gubbi, S., & Linkie, M. (2012). Wildlife hunting patterns, techniques, and profile of hunters in and around Periyar tiger reserve. *Journal of the Bombay Natural History Society*, **109**(3), 165–172.
- Güneralp, B., Lwasa, S., Masundire, H., Parnell, S., & Seto, K. C. (2017). Urbanization in Africa: Challenges and opportunities for conservation. *Environmental Research Letters*, **13**(1), 015002.
- Gupta, A. K., & Chivers, D. J. (1999). Biomass and use of resources in south and south-east Asian primate communities. In J. G. Fleagle, C. Janson, & C. K. Read, eds., *Primate Communities*, Cambridge: Cambridge University Press, 38–54.
- Gurley, E. S., Hegde, S. T., Hossain, K., et al. (2017). Convergence of humans, bats, trees, and culture in Nipah virus transmission, Bangladesh. *Emerging Infectious Diseases*, **23**(9), 1446–1453.
- Gurven, M. D., Trumble, B. C., Stieglitz, J., et al. (2016). High resting metabolic rate among Amazonian forager-horticulturalists experiencing high pathogen burden. *American Journal of Physical Anthropology*, **161**(3), 414–425.
- Guterres, A. (2020). Hard Hit by COVID-19 Pandemic, Indigenous Peoples' Input Must Be Part of Response, Recovery Strategies, Secretary-General Says in Observance Message (Press release). www.un.org/press/en/2020/sgsm20194.doc.htm

- Haddon, M. (2011). *Modelling and Quantitative Methods in Fisheries*, Boca Raton, FL: CRC Press.
- Hahn, B. H. (2000). AIDS as a zoonosis: Scientific and public health implications. *Science*, **287**(5453), 607–614.
- Hall, J. S., Saltonstall, K., Inogwabini, B.-I., & Omari, I. (1998). Distribution, abundance and conservation status of Grauer's gorilla. *Oryx*, **32**(2), 122–130
- Hallpike, C. R. (1986). *The Principles of Social Evolution*, Oxford: Oxford University Press.
- Hames, R. B. (1979). Comparison of the efficiencies of the shotgun and the bow in Neotropical forest hunting. *Human Ecology*, **7**, 219–251.
- Hames, R. (1987). Game conservation or efficient hunting? In B. J. McCay, & J. M. Acheson, eds., *The Question of the Commons: The Culture and Ecology of Communal Resources*, Tucson: University of Arizona Press, 92–107.
- (1991). Wildlife conservation in tribal societies. In A. Oldfield, ed., *Biodiversity: Culture, Conservation, and Ecodevelopment*, Boulder, CO: Westview Press, 172–199.
- (2007). The ecologically noble savage debate. *Annual Review of Anthropology*, **3**, 177–190.
- Hames, R. B., & Vickers, W. T. (1982). Optimal diet breadth theory as a model to explain variability in Amazonian hunting. *American Ethnologist*, **9**(2), 358–378.
- Hammond, A. S., Royer, D. F., & Fleagle, J. G. (2017). The Omo-Kibish I pelvis. *Journal of Human Evolution*, **108**, 199–219.
- Hammoudi, N., Dizoe, S., Saad, J., et al. (2020). Tracing *Mycobacterium ulcerans* along an alimentary chain in Côte d'Ivoire: A one health perspective. *PLoS Neglected Tropical Diseases*, **14**(5), e0008228.
- Han, B. A., Kramer, A. M., & Drake, J. M. (2016). Global patterns of zoonotic disease in mammals. *Trends in Parasitology*, **32**(7), 565–577.
- Hanazaki, N., Alves, R. R., & Begossi, A. (2009a). Hunting and use of terrestrial fauna used by Caiçaras from the Atlantic Forest coast (Brazil). *Journal of Ethnobiology and Ethnomedicine*, **5**(1), 36.
- Hang'ombe, M. B., Mwansa, J. C. L., Muwowo, S., et al. (2012). Human–animal anthrax outbreak in the Luangwa valley of Zambia in 2011. *Tropical Doctor*, **42**(3), 136–139.
- Hanya, G., Stevenson, P., van Noordwijk, M., et al. (2011). Seasonality in fruit availability affects frugivorous primate biomass and species richness. *Ecography*, **34**(6), 1009–1017.
- Happold, D. C. D. (1996). Mammals of the Guinea–Congo rain forest. *Proceedings of the Royal Society of Edinburgh, Section B: Biological Sciences*, **104**, 243–284.
- Hardouin, J. (1995). Minilivestock: From gathering to controlled production. *Biodiversity & Conservation*, **4**(3), 220–232.
- Hardouin, J., Thys, É., Joiris, V., & Fielding, D. (2003). Mini-livestock breeding with indigenous species in the tropics. *Livestock Research for Rural Development*, **15**(4), 30.
- Harkin, M. E., & Lewis, D. R. (eds.) (2007). *Americans and the Environment: Perspectives on the Ecological Indian*, Lincoln: University of Nebraska Press.
- Harrison, M., Roe, D., Baker, J., et al. (2015). *Wildlife crime: a review of the evidence on drivers and impacts in Uganda* (IIED Research Report), London: International Institute for Environment and Development.

- Harrison, R. D., Sreekar, R., Brodie, J. F., *et al.* (2016). Impacts of hunting on tropical forests in Southeast Asia: Hunting in Tropical Forests. *Conservation Biology*, **30**(5), 972–981.
- Harrison, R. D., Tan, S., Plotkin, J. B., *et al.* (2013). Consequences of defaunation for a tropical tree community. *Ecology Letters*, **16**(5), 687–694.
- Hart, J. A. (1999). Impact and sustainability of indigenous hunting in the Ituri Forest, Congo-Zaire: A comparison of un hunted and hunted duiker populations. In J. G. Robinson, & E. L. Bennett, eds., *Hunting for Sustainability in Tropical Forests*, New York: Columbia University Press, 106–153.
- (2000). Impact and sustainability of indigenous hunting in the Ituri forest, Congo-Zaire: A comparison of un hunted and hunted duiker populations. In J. G. Robinson, & E. L. Bennett, eds., *Hunting for Sustainability in Tropical Forests* New York: Columbia University Press, 106–153.
- Hartwig, W. C., & Cartelle, C. (1996). A complete skeleton of the giant South American primate *Protopithecus*. *Nature*, **381**(6580), 307–311.
- Hawkes, K. (1990). Why do men hunt? Benefits for risky choices. In E. Cashdan, ed., *Risk and Uncertainty in Tribal and Peasant Economies*, Boulder, CO: Westview Press, 145–166.
- (2001). Is meat the hunter's property? Big game, ownership, and explanations. In C. B. Stanford, & H. T. Bunn, eds., *Meat-Eating and Human Evolution*, Oxford: Oxford University Press, 219–236.
- Hawkes, K., Altman, J., Beckerman, S., *et al.* (1993). Why hunter-gatherers work: An ancient version of the problem of public goods [and comments and reply]. *Current Anthropology*, **34**(4), 341–361.
- Hawkes, K., & Bliege Bird, R. (2002). Showing off, handicap signaling, and the evolution of men's work. *Evolutionary Anthropology*, **11**(2), 58–67.
- Hawkes, K., Hill, K., & O'Connell, J. F. (1982). Why hunters gather: Optimal foraging and the Aché of eastern Paraguay. *American Ethnologist*, **9**(2), 379–398.
- (1985). Optimal foraging models and the case of the !Kung. *American Anthropologist*, **87**(2), 401–405.
- Hawkes, K., O'Connell, J. F., & Blurton Jones, N. G. (1991). Hunting income patterns among the Hadza: Big game, common goods, foraging goals and the evolution of the human diet. *Philosophical Transactions of the Royal Society of London. Series B: Biological Sciences*, **334**(1270), 243–251.
- Hawkes, K., & O'Connell, J. (1992). On optimal foraging models and subsistence transitions. *Current Anthropology*, **(33)**, 63–66.
- Hawkes, K., O'Connell, J. F., Blurton Jones, N. G., *et al.* (2001). Hunting and nuclear families: Some lessons from the Hadza about men's work. *Current Anthropology*, **42**(5), 681–709.
- Hawkes, K., O'Connell, J. F., & Rogers, L. (1997). The behavioral ecology of modern hunter-gatherers, and human evolution. *Trends in Ecology & Evolution*, **12**(1), 29–32.
- Hawkins, B. A., Albuquerque, F. S., Araújo, M. B., *et al.* (2007). A global evaluation of metabolic theory as an explanation for terrestrial species richness gradients. *Ecology*, **88**(8), 1877–1888.
- Hayashi, K. (2008). Hunting activities in forest camps among the Baka hunter-gatherers of Southeastern Cameroon. *African Study Monographs*, **29**, 73–92.

- Hayman, D. T. S., Wang, L.-F., Barr, J., *et al.* (2011). Antibodies to Henipavirus or Henipa-like viruses in domestic pigs in Ghana, West Africa. *PLoS ONE*, **6**(9), e25256.
- Haynes, G. (2007). A review of some attacks on the overkill hypothesis, with special attention to misrepresentations and doubletalk. *Quaternary International*, **169–170**, 84–94. Hewlett, B. S. (2018). The evidence for human agency in the Late Pleistocene megafaunal extinctions. In D. A. DellaSala, & M. I. Goldstein, eds. *Encyclopedia of the Anthropocene*, Oxford: Elsevier, 219–226.
- Hayward, M. W. (2009). Bushmeat hunting in Dwesa and Cwebe Nature Reserves, Eastern Cape, South Africa. *South African Journal of Wildlife Research*, **39**(1), 70–84.
- Headland, T. N., & Blood, D. (2002). *What Place for Hunter-Gatherers in Millennium Three?*, Dallas, TX: SIL International and the International Museum of Cultures.
- Heinrich, S., Wittmann, T. A., Prowse, T. A. A., *et al.* (2016). Where did all the pangolins go? International CITES trade in pangolin species. *Global Ecology and Conservation*, **8**, 241–253.
- Hema, E. M., Ouattara, V., Parfait, G., *et al.* (2019). Bushmeat consumption in the West African Sahel of Burkina Faso, and the decline of some consumed species. *Oryx*, **53**(1), 145–150.
- Henry, J. (1964). *Jungle People. A Kaisang tribe of the Highlands of Brazil*. New York: Vintage Books.
- Hewlett, B. S. (1993). *Intimate Fathers: The Nature and Context of Aka Pygmy Paternal Infant Care*, Ann Arbor: University of Michigan Press.
- (ed.). (2014). *Hunter-Gatherers of the Congo Basin: Cultures, Histories and Biology of African Pygmies*, New Brunswick, NJ: Transaction Publishers.
- Higgins, J. A., Hubalek, Z., Halouzka, J., *et al.* (2000). Detection of *Francisella tularensis* in infected mammals and vectors using a probe-based polymerase chain reaction. *The American Journal of Tropical Medicine and Hygiene*, **62**(2), 310–318.
- Hill, K. (1982). Hunting and human evolution. *Journal of Human Evolution*, **11**(6), 521–544.
- (1988). Macronutrient modifications of optimal foraging theory: An approach using indifference curves applied to some modern foragers. *Human Ecology*, **16**(2), 157–197.
- Hill, K., & Hawkes, K. (1983). Neotropical hunting among the Aché of Eastern Paraguay. In R. Hames, & W. Vickers, eds., *Adaptive Responses of Native Amazonians*, New York: Academic Press, 139–188.
- Hill, K., Kaplan, H., Hawkes, K., & Hurtado, M. (1987). Foraging decisions among Ach hunter-gatherers: New data and implications for optimal foraging models. *Ethology and Sociobiology*, **(8)**, 1–36.
- Hill, K., McMillan, G., & Farina, R. (2003). Hunting-related changes in game encounter rates from 1994 to 2001 in the Mbaracayu Reserve, Paraguay. *Conservation Biology*, **17**(5), 1312–1323.
- Hill, K., & Padwe, J. (1999). Sustainability of Aché hunting in the Mbaracayu reserve, Paraguay. In J. Robinson, & E. L. Bennett, eds., *Hunting*

- for Sustainability in Tropical Forests, New York: Columbia University Press, 79–105.
- Hill, S. L. L., Gonzalez, R., Sanchez-Ortiz, K., *et al.* (2018). Worldwide impacts of past and projected future land-use change on local species richness and the Biodiversity Intactness Index. *BioRxiv*. doi:10.1101/311787
- Hirai, M. (2014). Agricultural land use, collection and sales of non-timber forest products in the Agroforest Zone in Southeastern Cameroon. *African Study Monographs*, Suppl. **49**, 169–202.
- Hitchcock, R. K. (2000). Traditional African wildlife utilization: Subsistence hunting, poaching, and sustainable use. In H. H. T. Prins, J. G. Grootenhusi, & T. T. Dolan, eds., *Wildlife Conservation by Sustainable Use*, Dordrecht: Kluwer Academic Publishers, 389–416.
- Hocknull, S. A., Lewis, R., Arnold, L. J., *et al.* (2020). Extinction of eastern Sahul megafauna coincides with sustained environmental deterioration. *Nature Communications*, **11**(1), 2250.
- Hofer, H., Campbell, K. L., East, M. L., & Huish, S. A. (1996). The impact of game meat hunting on target and non-target species in the Serengeti. In V. J. Taylor, & N. Dunstone, eds., *The Exploitation of Mammal Populations*, London: Chapman and Hall, 117–146.
- Hoffman, L. C., & Cawthorn, D.-M. (2012). What is the role and contribution of meat from wildlife in providing high quality protein for consumption? *Animal Frontiers*, **2**(4), 40–53.
- Hoffmann, M., Belant, J. L., Chanson, J. S., *et al.* (2011). The changing fates of the world's mammals. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **366**(1578), 2598–2610.
- Holdridge, L. R. (1978). *Life Zone Ecology*, San Jose de Costa Rica: IICA, Tropical Science Center.
- Holmberg, A. (1969). *Nomads of the Long Bow: The Sironó of Eastern Bolivia*. Garden City, NY: Natural History Press.
- Holmern, T., Mkama, S., Muya, J., & Røskaft, E. (2006). Intraspecific prey choice of bushmeat hunters outside the Serengeti National Park, Tanzania: A preliminary analysis. *African Zoology*, **41**(1), 81–87.
- Hooke, R. LeB., & Martín-Duque, J. F. (2012). Land transformation by humans: A review. *GSA Today*, **12**(12), 4–10.
- Hooper, P. L., Demps, K., Gurven, M., Gerkey, D., & Kaplan, H. S. (2015). Skills, division of labour and economies of scale among Amazonian hunters and South Indian honey collectors. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **370**, 20150008.
- Hovorka, A. J. (2017). Animal geographies I: Globalizing and decolonizing. *Progress in Human Geography*, **41**(3), 382–394.
- Hsieh, P., Veeramah, K. R., Lachance, J., *et al.* (2016). Whole-genome sequence analyses of Western Central African Pygmy hunter-gatherers reveal a complex demographic history and identify candidate genes under positive natural selection. *Genome Research*, **26**(3), 279–290.
- Hublin, J.-J., Ben-Ncer, A., Bailey, S. E., *et al.* (2017). New fossils from Jebel Irhoud, Morocco and the pan-African origin of *Homo sapiens*. *Nature*, **546**(7657), 289–292.

- Huchzermeyer, F. (2003). *Crocodiles – Biology, Husbandry and Diseases*, Wallingford: CABI Publishing.
- Hunn, E. S. (1982). Mobility as a factor limiting resource use in the Columbia Plateau of North America. In H. Williams, & E. S. Hunn, eds., *Resource Managers: North American and Australian Hunter-Gatherers*, New York: Westview Press, 17–43.
- Hunt, L. M. (2013). Using human–dimensions research to reduce implementation uncertainty for wildlife management: A case of moose (*Alces alces*) hunting in northern Ontario, Canada. *Wildlife Research*, **40**(1), 61–69.
- Huong, N. Q., Nga, N. T. T., Long, N. V., et al. (2020). Coronavirus testing indicates transmission risk increases along wildlife supply chains for human consumption in Viet Nam, 2013–2014. *PLoS ONE*, **15**(8), e0237129.
- Hurtado, A. M., Hawkes, K., Hill, K., & Kaplan, H. (1985). Female subsistence strategies among Aché hunter-gatherers of eastern Paraguay. *Human Ecology*, **13**(1), 1–28.
- Hurtado, A. M., Hill, K., Hurtado, I., & Kaplan, H. (1992). Trade-offs between female food acquisition and child care among Hiwi and Aché foragers. *Human Nature*, **3**(3), 185–216.
- Hurtado, A. M., & Hill, K. R. (1992). Paternal effect on offspring survivorship among Aché and Hiwi hunter-gatherers: Implications for modeling pair-bond stability. In B. Hewlett, ed., *Father–Child Relations: Cultural and Biosocial Contexts*, Berlin: Aldine de Gruyter, 31–55.
- Hurtado-Gonzales, J. L., & Bodmer, R. E. (2004). Assessing the sustainability of brocket deer hunting in the Tamshiyacu-Tahuayo Communal Reserve, north-eastern Peru. *Biological Conservation*, **116**(1), 1–7.
- Hutin, Y. J. F., Williams, R. J., Malfait, P., et al. (2001). Outbreak of human monkeypox, Democratic Republic of Congo, 1996–1997. *Emerging Infectious Diseases*, **7**(3), 5.
- Hutson, C. L., Lee, K. N., Abel, J., et al. (2007). Monkeypox zoonotic associations: Insights from laboratory evaluation of animals associated with the multi-state US outbreak. *The American Journal of Tropical Medicine and Hygiene*, **76**(4), 757–768.
- Hutterer, K. L. (1988). The prehistory of the Asian rain forests. In J. S. Denslow, & C. Padoch, eds. *Peoples of the Tropical Rain Forest*, Los Angeles: University of California Press, 63–72.
- Ichikawa, M. (1983). An examination of the hunting-dependent life of the Mbuti Pygmies, Eastern Zaire. *African Study Monographs*, **4**, 55–76.
- Ikeya, K. (1994). Hunting with dogs among the San in the central Kalahari. *African Study Monographs*, **15**(3), 119–134.
- Imamura, K. (2016). Hunting play among the San Children: Imitation, learning, and play. In H. Terashima, & B. S. Hewlett, eds., *Social Learning and Innovation in Contemporary Hunter-Gatherers*, Tokyo: Springer Japan, 179–186.
- Infield, M. (1988). *Hunting, Trapping and Fishing in Villages within and on the Periphery of the Korup National Park*, World Wide Fund for Nature.
- Ingram, D. J. (2020). Wild meat in changing times. *Journal of Ethnobiology*, **40**(2), 117–130.
- Ingram, D. J., Coad, L., Collen, B., et al. (2015). Indicators for wild animal offtake: Methods and case study for African mammals and birds. *Ecology and Society*, **20**(3), 40. <http://dx.doi.org/10.5751/ES-07823-200340>

- Ingram, D. J., Cronin, D. T., Challender, D. W. S., Venditti, D. M., & Gonder, M. K. (2019). Characterising trafficking and trade of pangolins in the Gulf of Guinea. *Global Ecology and Conservation*, **17**, e00576.
- Inogwabini, B.-I., Nzala, A. B., & Bokika, J. C. (2013). People and bonobos in the Southern Lake Tumba Landscape, Democratic Republic of Congo. *American Journal of Human Ecology*, **2**(2), 44–53.
- Instituto Nacional de Antropología e Historia (Mexico). (2019). Descubren en Tultepec, Estado de México, contexto inédito de cacería y destazamiento de mamuts. <https://unamglobal.unam.mx/descubren-en-tultepec-estado-de-mexico-contexto-inedito-de-caceria-y-destazamiento-de-mamuts>
- International Labour Organisation. (1989). *C169 - Indigenous and Tribal Peoples Convention, 1989 (No. 169)*, Geneva: International Labour Organisation. www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100_ILO_CODE:C169
- IPES-Food. (2020). COVID-19 and the crisis in food systems: Symptoms, causes, and potential solutions. Communiqué by IPES-Food, April 2020. www.ipes-food.org/_img/upload/files/COVID-19_CommuniqueEN.pdf
- Isaac, N. J. B., & Cowlshaw, G. (2004). How species respond to multiple extinction threats. *Proceedings of the Royal Society of London. Series B: Biological Sciences*, **271**(1544), 1135–1141.
- IUCN. (2020a). The IUCN Red List of Threatened Species v. 2015.2. www.iucnredlist.org
- (2020b, July 9). The IUCN Red List of Threatened Species. Version 2020-2. Spatial Data Download. www.iucnredlist.org
- IUCN World Conservation Congress. (2000). Resolution 2.64, 2–4.
- Iwamura, T., Guisan, A., Wilson, K. A., & Possingham, H. P. (2013). How robust are global conservation priorities to climate change? *Global Environmental Change*, **23**(5), 1277–1284.
- Izurieta, R., Macaluso, M., Watts, D., *et al.* (2011). Hunting in the rainforest and mayaro virus infection: An emerging alphavirus in Ecuador. *Journal of Global Infectious Diseases*, **3**(4), 317.
- Jackson, D. (2006, May 1). The health situation of women and children in Central African Pygmy Peoples. www.forestpeoples.org/es/node/942
- Jansen, P. A., Muller-Landau, H. C., & Wright, S. J. (2010). Bushmeat hunting and climate: An indirect link. *Science*, **327**(5961), 30–30.
- Janson, C. H., & Emmons, L. H. (1990). Ecological structure of the nonflying mammal community at Cocha Cashu Biological Station, Manu National Park, Peru. In A. Gentry, ed., *Four Neotropical Rainforests*, New Haven, CT: Yale University Press, 339–357.
- Janssen, M. A., & Hill, K. (2014). Benefits of grouping and cooperative hunting among Ache hunter-gatherers: Insights from an agent-based foraging model. *Human Ecology*, **42**, 823–835.
- Jean Desbiez, A. L., Keuroghlian, A., Piovezan, U., & Bodmer, R. E. (2011). Invasive species and bushmeat hunting contributing to wildlife conservation: The case of feral pigs in a Neotropical wetland. *Oryx*, **45**(1), 78–83.
- Jeffrey, S. (1977). How Liberia uses wildlife. *Oryx*, **14**(2), 168–173.

- Jenkins, R. K. B., & Racey, P. A. (2009). Bats as bushmeat in Madagascar. *Madagascar Conservation & Development*, **3**(1). doi:10.4314/mcd.v3i1.44132
- Jenzora, A., Jansen, A., Ranisch, H., Lierz, M., Wichmann, O., & Grunow, R. (2008). Seroprevalence study of *Francisella tularensis* among hunters in Germany. *FEMS Immunology & Medical Microbiology*, **53**(2), 183–189.
- Jepson, P., & Canney, S. (2003). Values-led conservation. *Global Ecology and Biogeography*, **12**(4), 271–274.
- Jerzolimski, A., & Peres, C. A. (2003). Bringing home the biggest bacon: A cross-site analysis of the structure of hunter-kill profiles in Neotropical forests. *Biological Conservation*, **111**(3), 415–425.
- Jetz, W., & Fine, P. V. A. (2012). Global gradients in vertebrate diversity predicted by historical area-productivity dynamics and contemporary environment. *PLoS Biology*, **10**(3), e1001292.
- Jezeq, Z., Arita, I., Mutombo, M., Dunn, C., Nakano, J. H., & Szczeniowski, M. (1986). Four generations of probable person-to-person transmission of human monkeypox. *American Journal of Epidemiology*, **123**(6), 1004–1012.
- Jimoh, S. O., Ikyaaqba, E. T., Alarape, A. A., Obioha, E. E., & Adeyemi, A. A. (2012). The role of traditional laws and taboos in wildlife conservation in the Oban Hill Sector of Cross River National Park (CRNP), Nigeria. *Journal of Human Ecology*, **39**(3), 209–219.
- Johnson, A., Singh, S., Dongdala, M., & Vongsa, O. (2003). Wildlife hunting and use in the Nam Ha National Protected Area: Implications for rural livelihoods and biodiversity conservation. December 2003. In B. Bouahom, A. Glendinning, S. Nilsson, & M. Victor, eds. *Poverty Reduction and Shifting Cultivation Stabilisation in the Uplands of Lao PDR: Technologies, Approaches and Methods for Improving Upland Livelihoods - Proceedings of a Workshop held in Luang Prabang, Lao PDR, January 27–30, 2004*. Vientiane: National Agriculture and Forestry Research Institute, Lao PDR, 195–208.
- Johnson, C. K., Hitchens, P. L., Pandit, P. S., *et al.* (2020). Global shifts in mammalian population trends reveal key predictors of virus spillover risk. *Proceedings of the Royal Society B: Biological Sciences*, **287**(1924), 20192736.
- Johnson, C. N. (2002). Determinants of loss of mammal species during the Late Quaternary ‘megafauna’ extinctions: Life history and ecology, but not body size. *Proceedings of the Royal Society of London. Series B: Biological Sciences*, **269**(1506), 2221–2227.
- Johnson, C. N., Alroy, J., Beeton, N. J., *et al.* (2016). What caused extinction of the Pleistocene megafauna of Sahul? *Proceedings of the Royal Society B: Biological Sciences*, **283**(1824), 20152399.
- Joint FAO/WHO Expert Committee on Zoonoses, World Health Organization, & Food and Agriculture Organization of the United Nations. (1959). Joint WHO/FAO Expert Committee on Zoonoses [meeting held in Stockholm from 11 to 16 August 1958]: second report. <https://apps.who.int/iris/handle/10665/40435>
- Jones, K. E., Patel, N. G., Levy, M. A., *et al.* (2008). Global trends in emerging infectious diseases. *Nature*, **451**(7181), 990–993.
- Jones-Engel, L., Engel, G. A., Schillaci, M. A., *et al.* (2005). Primate-to-human retroviral transmission in Asia. *Emerging Infectious Diseases*, **11**(7), 1028–1035.

- Jones-Engel, L., May, C. C., Engel, G. A., *et al.* (2008). Diverse contexts of zoonotic transmission of simian foamy viruses in Asia. *Emerging Infectious Diseases*, **14**(8), 1200–1208.
- Jorge, M. L. S. P., Galetti, M., Ribeiro, M. C., & Ferraz, K. M. P. M. B. (2013). Mammal defaunation as surrogate of trophic cascades in a biodiversity hotspot. *Biological Conservation*, **163**, 49–57.
- Jorgenson, J. P. (1993). Gardens, wildlife densities, and subsistence hunting by Maya Indians in Quintana Roo, Mexico (PhD dissertation), University of Florida.
- Jori, F., Mensah, G. A., & Adjanohoun, E. (1995). Grasscutter production: An example of rational exploitation of wildlife. *Biodiversity and Conservation*, **4**(3), 257–265.
- Joseph, S. (2000). Anthropological evolutionary ecology: A critique. *Journal of Ecological Anthropology*, **4**(1), 6–30.
- Joshi, N. V., & Gadgil, M. (1991). On the role of refugia in promoting prudent use of biological resources. *Theoretical Population Biology*, **40**(2), 211–229.
- Junglen, S., Kurth, A., Kuehl, H., *et al.* (2009). Examining landscape factors influencing relative distribution of mosquito genera and frequency of virus infection. *EcoHealth*, **6**(2), 239–249.
- Kahurananga, J. (1981). Population estimates, densities and biomass of large herbivores in Simanjoro Plains, Northern Tanzania. *African Journal of Ecology*, **19**(3), 225–238.
- Kalish, M. L., Wolfe, N. D., Ndongmo, C. B., *et al.* (2005). Central African hunters exposed to simian immunodeficiency virus. *Emerging Infectious Diseases*, **11**(12), 1928–1930.
- Kamins, A., Baker, K., Restif, O., Cunningham, A., & Wood, J. L. (2014). Emerging risks from bat bushmeat in West Africa. In P. Paulsen, A. Bauer, M. Vodnansky, R. Winkelmayr, & F. J. M. Smulders, eds., *Trends in Game Meat Hygiene: From Forest to Fork*, Wageningen Academic Publishers, 239–240.
- Kamins, A., Restif, O., Rowcliffe, M., Cunningham, A., & Wood, J. (2011b). Use of bats as bushmeat: Implications for human health in Ghana, West Africa. *Ecohealth*, **7**, S102–S102.
- Kamins, A. O., Restif, O., Ntiamao-Baidu, Y., *et al.* (2011a). Uncovering the fruit bat bushmeat commodity chain and the true extent of fruit bat hunting in Ghana, West Africa. *Biological Conservation*, **144**(12), 3000–3008.
- Kamins, A. O., Rowcliffe, J. M., Ntiamao-Baidu, Y., Cunningham, A. A., Wood, J. L. N., & Restif, O. (2015). Characteristics and risk perceptions of Ghanaians potentially exposed to bat-borne zoonoses through bushmeat. *EcoHealth*, **12**(1), 104–120.
- Kaplan, H., Hill, K., Lancaster, J., & Hurtado, A. M. (2000). A theory of human life history evolution: Diet, intelligence, and longevity. *Evolutionary Anthropology*, 156–185.
- Karant, K. U., & Sunquist, M. E. (1992). Population structure, density and biomass of large herbivores in the tropical forests of Nagarahole, India. *Journal of Tropical Ecology*, **8**, 21–35.
- Karesh, W. B., Cook, R. A., Bennett, E. L., & Newcomb, J. (2005). Wildlife trade and global disease emergence. *Emerging Infectious Diseases*, **11**(7), 3.

- Karesh, W. B., & Noble, E. (2009). The bushmeat trade: Increased opportunities for transmission of zoonotic disease. *Mount Sinai Journal of Medicine*, **76**(5), 429–434.
- Kaul, R., Hilaluddin, Jandrotia, J. S., & McGowan, P. J. K. (2004). Hunting of large mammals and pheasants in the Indian western Himalaya. *Oryx*, **38**(4), 426–431.
- Keane, A., Jones, J. P. G., & Milner-Gulland, E. J. (2011). Encounter data in resource management and ecology: Pitfalls and possibilities: Encounter data in ecology. *Journal of Applied Ecology*, **48**(5), 1164–1173.
- Keesing, F., Belden, L. K., Daszak, P., *et al.* (2010). Impacts of biodiversity on the emergence and transmission of infectious diseases. *Nature*, **468**(7324), 647–652.
- Kelly, R. L. (1995). *The Foraging Spectrum: Diversity in Hunter-Gatherer Lifeways*, Washington: Smithsonian Institution Press.
- (2013). *The Lifeways of Hunter-Gatherers*, 2nd ed., Cambridge: Cambridge University Press.
- Kensinger, K. M. (1995). *How Real People Ought to Live: The Cashinahua of Eastern Peru*, Prospect Heights, IL: Waveland Press Inc.
- Kiffner, C., Kioko, J., Kissui, B., *et al.* (2014). Interspecific variation in large mammal responses to human observers along a conservation gradient with variable hunting pressure: Animal behavioural response to human hunting pressure. *Animal Conservation*, **17**(6), 603–612.
- King, A. M., Adams, M. J., Carstens, E. B., & Lefkowitz, E. J. (2012). Virus taxonomy. *Ninth Report of the International Committee on Taxonomy of Viruses*, 486–487.
- Kingdon, J. (1997). *The Kingdon Field Guide to African Mammals*, San Diego, CA: Academic Press.
- Kingdon, J., & Hoffmann, M. (2013). *Mammals of Africa. Volume VI, Pigs, Hippopotamuses, Chevrotain, Giraffes, Deer and Bovids*. London: Bloomsbury Publishing.
- Kingdon, J., Happold, D., Butynski, T., Hoffmann, M., Happold, M., & Kalina, J. (2013). *Mammals of Africa*, Vols. I–VI, London: Bloomsbury Publishing.
- Kitanishi, K. (1995). Seasonal changes in the subsistence activities and food intake of the Aka hunter-gatherers in northeastern Congo. *African Study Monographs*, **16**(2), 73–118.
- (2003). Cultivation by the Baka hunter-gatherers in the tropical rain forest of central Africa. *African Study Monographs, Suppl.* **28**, 143–157.
- Klapman, M., & Capaldi, A. (2019). A simulation of anthropogenic Columbian mammoth (*Mammuthus columbi*) extinction. *Historical Biology*, **31**(5), 610–617.
- Klein, R. G. (1987). Reconstructing how early people exploited animals: Problems and prospects. In M. Nitecki, & D. Nitecki, eds., *The Evolution of Human Hunting*, New York: Springer, 11–45.
- Kleinert, R. D. V., Montoya-Diaz, E., Khera, T., *et al.* (2019). Yellow fever: Integrating current knowledge with technological innovations to identify strategies for controlling a re-emerging virus. *Viruses*, **11**(10), 960.
- Klemens, M. W., & Thorbjarnarson J. B. (1995). Reptiles as a food resource. *Biodiversity & Conservation*, **4**, 281–298.

- Knapp, E. J. (2012). Why poaching pays: A summary of risks and benefits illegal hunters face in Western Serengeti, Tanzania. *Tropical Conservation Science*, **5**(4), 434–445.
- Knapp, E. J., Peace, N., & Bechtel, L. (2017). Poachers and poverty: Assessing objective and subjective measures of poverty among illegal hunters outside Ruaha National Park, Tanzania. *Conservation and Society*, **15**(1), 24.
- Knecht, H. (1997). *Projectile Technology*, Boston, MA: Springer US..
- Knight, J. (2003). Relocated to the roadside: Preliminary observations on the forest Peoples of Gabon. *African Study Monographs*, **28**, 81–121.
- Knobel, D. L., Cleaveland, S., Coleman, P. G., *et al.* (2005). Re-evaluating the burden of rabies in Africa and Asia. *Bulletin of the World Health Organization*, **11**.
- Koch, H. (1968). *Magie et chasse dans la forêt camerounaise*, Paris: Bergeret-Lerrault.
- Konner, M., & Shostak, M. (1987). Timing and management of birth among the !Kung: Biocultural interaction in reproductive adaptation. *Cultural Anthropology*, **2**(1), 11–28.
- Koppert, G. J. A., & Hladik, A. (1990). Measuring food consumption. In: C. M. Hladik, S. Bahuchet, & I. de Garine, eds. *Food and Nutrition in the African Rain Forest*, Paris: UNESCO, 58–61.
- Koppert, G. J., Dounias, E., Froment, A., & Pasquet, P. (1993). Food consumption in three forest populations of the southern coastal area of Cameroon: Yassa-Mvae-Bakola. In C. Hladik, H. Pagezy, O. Linares, A. Hladik, A. Semple, & M. Hadley, eds., *Tropical Forests, People and Food. Bio-cultural Interactions and Applications to Development*, Vol. **13**, Paris: UNESCO/Parthenon, 295–295.
- Koster, J. M. (2007). Hunting and subsistence among the Mayangna and Miskito of Nicaragua's Bosawas Biosphere Reserve (PhD dissertation), Penn State University.
- (2008a). Giant anteaters (*Myrmecophaga tridactyla*) killed by hunters with dogs in the Bosawas Biosphere Reserve, Nicaragua. *The Southwestern Naturalist*, **53**(3), 414–416.
- (2008b). Hunting with dogs in Nicaragua: An optimal foraging approach. *Current Anthropology*, **49**(5), 935–944.
- (2009). Hunting dogs in the lowland Neotropics. *Journal of Anthropological Research*, **65**(4), 575–610.
- Koster, J. M., Hodgen, J. J., Venegas, M. D., & Copeland, T. J. (2010). Is meat flavor a factor in hunters' prey choice decisions? *Human Nature*, **21**(3), 219–242.
- Koster, J., McElreath, R., Hill, K., *et al.* (2019). The life history of human foraging: Cross-cultural and individual variation. *Science Advances*, **6**, eaax9070.
- Kothari, A., Camill, P., & Brown, J. (2013). Conservation as if people also mattered: Policy and practice of community-based conservation. *Conservation and Society*, **11**(1), 1–15.
- Krech, S. (1999). *The Ecological Indian: Myth and History*, New York: W. W. Norton & Company.
- Kuchikura, Y. (1988). Efficiency and focus of blowpipe hunting among Semaq Beri hunter-gatherers of Peninsular Malaysia. *Human Ecology*, **16**(3), 271–305.

- Kuisma, E., Olson, S. H., Cameron, K. N., *et al.* (2019). Long-term wildlife mortality surveillance in northern Congo: A model for the detection of Ebola virus disease epizootics. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **374**(1782), 20180339.
- Kümpel, N. F. (2006). Incentives for sustainable hunting of bushmeat in Río Muni, Equatorial Guinea (PhD thesis), Imperial College London.
- Kümpel, N. F., East, T., Keylock, N., Rowcliffe, J. M., Cowlshaw, G., & Milner-Gulland, E. J. (2007). Determinants of bushmeat consumption and trade in Continental Equatorial Guinea: An urban–rural comparison. In G. Davies, & D. Brown, eds., *Bushmeat and Livelihoods: Wildlife Management and Poverty Reduction*, Oxford: Blackwell, 73–91.
- Kümpel, N. F., Milner-Gulland, E. J., Rowcliffe, J. M., & Cowlshaw, G. (2008). Impact of gun-hunting on diurnal primates in continental Equatorial Guinea. *International Journal of Primatology*, **29**(4), 1065–1082.
- Kümpel, N. F., Rowcliffe, J. M., Cowlshaw, G., & Milner-Gulland, E. J. (2009). Trapper profiles and strategies: Insights into sustainability from hunter behaviour. *Animal Conservation*, **12**(6), 531–539.
- Kurpiers, L. A., Schulte-Herbrüggen, B., Ejotre, I., & Reeder, D. M. (2016). Bushmeat and emerging infectious diseases: Lessons from Africa. In F. M. Angelici, ed., *Problematic Wildlife*, Cham: Springer International Publishing, 507–551.
- Kurten, E. L. (2013). Cascading effects of contemporaneous defaunation on tropical forest communities. *Biological Conservation*, **163**, 22–32.
- Kurten, E. L., Wright, S. J., & Carson, W. P. (2015). Hunting alters seedling functional trait composition in a Neotropical forest. *Ecology*, **96**(7), 1923–1932.
- Kuussaari, M., Bommarco, R., Heikkinen, R. K., *et al.* (2009). Extinction debt: A challenge for biodiversity conservation. *Trends in Ecology & Evolution*, **24**(10), 564–571.
- Kuzmin, I. V., Bozick, B., Guagliardo, S. A., *et al.* (2011). Bats, emerging infectious diseases, and the rabies paradigm revisited. *Emerging Health Threats Journal*, **4**(1), 7159.
- Lacy, R. (1993). Vortex – a computer-simulation model for population viability analysis. *Wildlife Research*, **20**(1), 45–65.
- (2019). Lessons from 30 years of population viability analysis of wildlife populations. *Zoo Biology*, **38**(1), 67–77.
- (2000). Structure of the VORTEX simulation model for population viability analysis. *Ecological Bulletins*, **48**, 191–203.
- Ladele, A. A., Joseph, K., Omotosho, O. A., & Ijaiya, T. O. (1996). Sensory quality ratings, consumption pattern and preference for some selected meat types in Nigeria. *International Journal of Food Sciences and Nutrition*, **47**, 141–145.
- Lagrou, E. M. (2021). Huni Kuin (Kaxinawá). [https://pib.socioambiental.org/pt/Povo:Huni_Kuin_\(Kaxinawá\)](https://pib.socioambiental.org/pt/Povo:Huni_Kuin_(Kaxinawá))
- Lahm, S. A. (1993). Utilization of forest resources and local variation of wildlife populations in Northeastern Gabon. In C. Hladik, A. Hladik, H. Pagezy, O. Linares, G. Koppert, & A. Froment, eds., *Tropical Forests, People and Food*, Vol. **13**, Paris: UNESCO, 213–226.

- (1994). Ecology and economics of human/wildlife interaction in northeastern Gabon (Dissertation), New York University.
- (2001). Hunting and wildlife in Northeastern Gabon. Why conservation should extend beyond protected areas. In W. Weber, L. J. T. White, A. Vedder, & L. Naughton-Treves, eds., *African Rain Forest Ecology and Conservation. An Interdisciplinary Perspective*, New Haven, CT: Yale University Press, 344–354.
- Laporte, N. T., Stabach, J. A., Grosch, R., Lin, T. S., & Goetz, S. J. (2007). Expansion of industrial logging in Central Africa. *Science*, **316**(5830), 1451–1451.
- Larivière, S., Jolicoeur, H., & Crête, M. (2000). Status and conservation of the gray wolf (*Canis lupus*) in wildlife reserves of Québec. *Biological Conservation*, **94**(2), 143–151.
- Larkin, P. A. (1977). An epitaph for the concept of maximum sustained yield. *Transactions of the American Fisheries Society*, **106**(1), 1–11.
- Larsen, C. S. (2003). Animal source foods and human health during evolution. *The Journal of Nutrition*, **133**(11), 3893S–3897S.
- Lau, S. K. P., Woo, P. C. Y., Li, K. S. M., et al. (2005). Severe acute respiratory syndrome coronavirus-like virus in Chinese horseshoe bats. *Proceedings of the National Academy of Sciences of the United States of America*, **102**(39), 14040–14045.
- Laurance, W. F., Croes, B. M., Tchignoumba, L., et al. (2006). Impacts of roads and hunting on Central African rainforest mammals: Road and hunting impacts in Gabon. *Conservation Biology*, **20**(4), 1251–1261.
- Lawson, S. (2014). Illegal logging in the Democratic Republic of the Congo. *Energy, Environment and Resources EER*, London: Chatham House.
- LeBreton, M., Pike, B. L., Saylor, K. E., et al. (2012). Bushmeat and infectious disease emergence. In A. Alonso Aguirre, R. S. Ostfeld, & P. Daszak, eds., *New Directions in Conservation Medicine: Applied Cases of Ecological Health*, Oxford: Oxford University Press, 164–178.
- LeBreton, M., Prosser, A. T., Tamoufe, U., et al. (2006). Patterns of bushmeat hunting and perceptions of disease risk among central African communities. *Animal Conservation*, **9**(4), 357–363.
- Leclerc, C. (2012). *L'adoption de l'agriculture chez les Pygmées Baka du Cameroun*. Versailles: Editions Quae.
- Lecompte, E., Fichet-Calvet, E., Daffis, S., et al. (2006). *Mastomys natalensis* and Lassa fever, West Africa. *Emerging Infectious Diseases*, **12**(12), 1971–1974.
- Lee, R. B. (1992). Art, science, or politics? The crisis in hunter-gatherer studies. *American Anthropologist*, **94**, 31–54.
- Lee, R. B., & DeVore, I. (1968). *Man the Hunter*, Chicago: Aldine.
- Lee, R. B., Lee, R. B., & DeVore, I. (1976). *Kalahari Hunter-Gatherers: Studies of the !Kung San and their Neighbors*, Cambridge, MA: Harvard University Press.
- Lee, R. J. (1999). Impact of subsistence hunting in North Sulawesi, Indonesia, and conservation options. In J. G. Robinson, & L. E. Bennett, eds., *Hunting for Sustainability in Tropical Forests*, New York: Columbia University Press, 455–472.
- Lee, T. M., Sigouin, A., Pinedo-Vasquez, M., & Nasi, R. (2014). *The harvest of wildlife for bushmeat and traditional medicine in East, South and Southeast Asia*:

- Current knowledge base, challenges, opportunities and areas for future research*, Bogor: CIFOR.
- Leendertz, F. H., Ellerbrok, H., Boesch, C., *et al.* (2004). Anthrax kills wild chimpanzees in a tropical rainforest. *Nature*, **430**(6998), 451–452.
- Leendertz, S. A. J., Gogarten, J. F., Düx, A., Calvignac–Spencer, S., & Leendertz, F. H. (2016). Assessing the evidence supporting fruit bats as the primary reservoirs for Ebola viruses. *EcoHealth*, **13**(1), 18–25.
- Lenselink, J. (1972). De Jachtopbrengst in een Surinaams Trio-dorp. *Suriname Landschap*, **20**, 3741.
- León, P., & Montiel, S. (2008). Wild meat use and traditional hunting practices in a rural Mayan community of the Yucatan Peninsula, Mexico. *Human Ecology*, **36**(2), 249–257.
- Leonard, C., Vashro, L., O’Connell, J. F., & Henry, A. G. (2015). Plant micro-remains in dental calculus as a record of plant consumption: A test with Twe forager-horticulturalists. *Journal of Archaeological Science: Reports*, **2**, 449–457.
- Lerner, H., & Berg, C. (2017). A comparison of three holistic approaches to health: One health, ecohealth, and planetary health. *Frontiers in Veterinary Science*, **4**, 163.
- Leroy, E. M., Epelboin, A., Mondonge, V., *et al.* (2009). Human Ebola outbreak resulting from direct exposure to fruit bats in Luebo, Democratic Republic of Congo, 2007. *Vector-Borne and Zoonotic Diseases*, **9**(6), 723–728.
- Levi, T., Kilpatrick, A. M., Mangel, M., & Wilmers, C. C. (2012). Deer, predators, and the emergence of Lyme disease. *Proceedings of the National Academy of Sciences of the United States of America*, **109**(27), 10942–10947.
- Levi, T., Lu, F., Yu, D. W., & Mangel, M. (2011a). The behaviour and diet breadth of central-place foragers: An application to human hunters and Neotropical game management. *Evolutionary Ecology Research*, **13**, 171–185.
- Levi, T., Shepard, G. H., Ohl-Schacherer, J., Wilmers, C. C., Peres, C. A., & Yu, D. W. (2011b). Spatial tools for modeling the sustainability of subsistence hunting in tropical forests. *Ecological Applications*, **21**(5), 1802–1818.
- Levin, P. S., Fogarty, M. J., Murawski, S. A., & Fluharty, D. (2009). Integrated ecosystem assessments: Developing the scientific basis for ecosystem-based management of the ocean. *PLoS Biology*, **7**(1), e1000014.
- Lewis, D. M., & Phiri, A. (1998). Wildlife snaring – an indicator of community response to a community-based conservation project. *Oryx*, **32**, 111–121.
- Lew-Levy, S., Reckin, R., Lavi, N., Cristóbal-Azkarate, J., & Ellis-Davies, K. (2017). How do hunter-gatherer children learn subsistence skills? A meta-ethnographic review. *Human Nature*, **28**(4), 367–394.
- Li, Q., Zhou, L., Zhou, M., *et al.* (2014). Epidemiology of human infections with avian influenza A(H7N9) virus in China. *New England Journal of Medicine*, **370**(6), 520–532.
- Li, T.-C., Chijiwa, K., Sera, N., *et al.* (2005). Hepatitis E virus transmission from wild boar meat. *Emerging Infectious Diseases*, **11**(12), 1958–1960.
- Li, W. (2005). Bats are natural reservoirs of SARS-like Coronaviruses. *Science*, **310**(5748), 676–679.
- Lidström, S., & Johnson, A. F. (2020). Ecosystem-based fisheries management: A perspective on the critique and development of the concept. *Fish and Fisheries*, **21**(1), 216–222.

- Liebenberg, L. (2006). Persistence hunting by modern hunter-gatherers. *Current Anthropology*, **47**(6), 1017–1026.
- Lieth, H. (1973). Primary production: Terrestrial ecosystems. *Human Ecology*, **1**, 303–332.
- Lima-Ribeiro, M. S., & Diniz-Filho, J. A. F. (2017). Climate change, human overkill, and the extinction of megafauna: A macroecological approach based on pattern-oriented modelling. *Evolutionary Ecology Research*, **18**, 97–121.
- Lima-Ribeiro, M. S., Nogués-Bravo, D., Terribile, L. C., Batra, P., & Diniz-Filho, J. A. F. (2013). Climate and humans set the place and time of Proboscidean extinction in late Quaternary of South America. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **392**, 546–556.
- Lindeque, P. M., & Turnbull, P. C. B. (1994). Ecology and epidemiology of anthrax in the Etosha National Park, Namibia. *Onderstepoort Journal of Veterinary Research*, **61**(1), 71–83.
- Lindsey, P., Balme, G., Becker, M., *et al.* (2015). *Illegal Hunting and the Bushmeat Trade in Savanna Africa: Drivers, Impacts and Solutions to Address the Problem*. New York: FAO, Panthera/Zoological Society of London/Wildlife Conservation Society.
- Lindsey, P. A., Balme, G., Becker, M., *et al.* (2013). The bushmeat trade in African savannas: Impacts, drivers, and possible solutions. *Biological Conservation*, **160**, 80–96.
- Lindsey, P. A., Romañach, S. S., Matema, S., Matema, C., Mupamhadzi, I., & Muvengwi, J. (2011a). Dynamics and underlying causes of illegal bushmeat trade in Zimbabwe. *Oryx*, **45**(1), 84–95.
- Lindsey, P. A., Romañach, S. S., Tambling, C. J., Chartier, K., & Groom, R. (2011b). Ecological and financial impacts of illegal bushmeat trade in Zimbabwe. *Oryx*, **45**(1), 96–111.
- Lindsey, P. A., Roulet, P. A., & Romanach, S. S. (2007). Economic and conservation significance of the trophy hunting industry in sub-Saharan Africa. *Biological Conservation*, **134**(4), 455–469.
- Ling, S., & Milner-Gulland, E. J. (2006). Assessment of the sustainability of bushmeat hunting based on dynamic bioeconomic models: Dynamic modeling of bushmeat hunting. *Conservation Biology*, **20**(4), 1294–1299.
- Liu, W., Li, Y., Learn, G. H., *et al.* (2010). Origin of the human malaria parasite *Plasmodium falciparum* in gorillas. *Nature*, **467**(7314), 420–425.
- Livingstone, E., & Shepherd, C. R. (2016). Bear farms in Lao PDR expand illegally and fail to conserve wild bears. *Oryx*, **50**(1), 176–184.
- Lofroth, E. C., & Ott, P. K. (2007). Assessment of the sustainability of wolverine harvest in British Columbia, Canada. *Journal of Wildlife Management*, **71**(7), 2193.
- Loh, E. H., Zambrana-Torrel, C., Olival, K. J., *et al.* (2015). Targeting transmission pathways for emerging zoonotic disease surveillance and control. *Vector-Borne and Zoonotic Diseases*, **15**(7), 432–437.
- Loibooki, M., Hofer, H., Campbell, K. L. I., & East, M. L. (2002). Bushmeat hunting by communities adjacent to the Serengeti National Park, Tanzania: The importance of livestock ownership and alternative sources of protein and income. *Environmental Conservation*, **29**(3), 391–398.

- Lombard, M., & Phillipson, L. (2010). Indications of bow and stone-tipped arrow use 64 000 years ago in KwaZulu-Natal, South Africa., *Antiquity*, **84**(325), 635–648.
- Lomolino, M. V., Riddle, B. R., & Brown, J. A. (2010). *Biogeography*, 4th ed., Sunderland, MA: Sinauer Associates.
- Lopez, M., Kousathanas, A., Quach, H., *et al.* (2018). The demographic history and mutational load of African hunter-gatherers and farmers. *Nature Ecology & Evolution*, **2**(4), 721–730.
- Lorenzen, E. D., Nogués-Bravo, D., Orlando, L., *et al.* (2011). Species-specific responses of Late Quaternary megafauna to climate and humans. *Nature*, **479**(7373), 359–364.
- Lowman, M. D., & Schowalter, T. D. (2012). Plant science in forest canopies - the first 30 years of advances and challenges (1980–2010): Tansley review. *New Phytologist*, **194**(1), 12–27.
- Lu, F. E. (1999). Changes in subsistence patterns and resource use of the Huaorani Indians in the Ecuadorian Amazon (PhD dissertation), University of North Carolina at Chapel Hill.
- Ludwig, D., Hilborn, R., & Walters, C. (1993). Uncertainty, resource exploitation, and conservation: Lessons from history. *Science*, **260**(5104), 17–36.
- Luiselli, L., Hema, E. M., Segniagbeto, G. H., *et al.* (2018). Bushmeat consumption in large urban centres in West Africa. *Oryx*, **54**(4), 731–734.
- et al.* (2019). Understanding the influence of non-wealth factors in determining bushmeat consumption: Results from four West African countries. *Acta Oecologica*, **94**, 47–56.
- Luiselli, L., Petrozzi, F., Akani, G. C., *et al.* (2017). Rehashing bushmeat–interview campaigns reveal some controversial issues about the bushmeat trade dynamics in Nigeria. *Revue d'Ecologie, Terre et Vie, Société nationale de Protection de la Nature*, **72**(1), 3–18.
- Lunn, K. E., & Dearden, P. (2006). Monitoring small-scale marine fisheries: An example from Thailand's Ko Chang archipelago. *Fisheries Research*, **77**(1), 60–71.
- Lupo, K. D. (2007). Evolutionary foraging models in zooarchaeological analysis: Recent applications and future challenges. *Journal of Archaeological Research*, **15**(2), 143–189.
- (2011). A dog is for hunting. In U. Albarella, & A. Trentacoste, eds., *Ethnozooarchaeology: The Present and Past of Human-Animal Relationships*, Oxford: Oxbow Books, 4–12.
- Lupo, K. D., & Schmitt, D. N. (2005). Small prey hunting technology and zooarchaeological measures of taxonomic diversity and abundance: Ethnoarchaeological evidence from Central African forest foragers. *Journal of Anthropological Archaeology*, **24**(4), 335–353.
- (2016). When bigger is not better: The economics of hunting megafauna and its implications for Plio-Pleistocene hunter-gatherers. *Journal of Anthropological Archaeology*, **44**, 185–197.
- (2017). How do meat scarcity and bushmeat commodification influence sharing and giving among forest foragers? A view from the Central African Republic. *Human Ecology*, **45**(5), 627–641.

- Luskin, M. S., Christina, E. D., Kelley, L. C., & Potts, M. D. (2014). Modern hunting practices and wild meat trade in the oil palm plantation-dominated landscapes of Sumatra, Indonesia. *Human Ecology*, **42**(1), 35–45.
- Luzar, J. B., Silvius, K. M., Overman, H., Giery, S. T., Read, J. M., & Fragoso, J. M. V. (2011). Large-scale environmental monitoring by Indigenous Peoples. *BioScience*, **61**(10), 771–781.
- Lwasa, S. (2014). Managing African urbanization in the context of environmental change. *INTERdisciplina*, **2**(2). doi:10.22201/ceiich.24485705e.2014.2.46528
- Maas, B., Clough, Y., & Tschamtkke, T. (2013). Bats and birds increase crop yield in tropical agroforestry landscapes. *Ecology Letters*, **16**(12), 1480–1487.
- MacArthur, R. H., & Pianka, E. R. (1966). On optimal use of a patchy environment. *American Naturalist*, **100**, 603–609.
- Macdonald, D. W., Johnson, P. J., Albrechtsen, L., et al. (2011). Association of body mass with price of bushmeat in Nigeria and Cameroon: Association of body mass with price of bushmeat. *Conservation Biology*, **25**(6), 1220–1228.
- et al. (2012). Bushmeat trade in the Cross–Sanaga rivers region: Evidence for the importance of protected areas. *Biological Conservation*, **147**(1), 107–114.
- MacDonald, K. (2007). Cross-cultural comparison of learning in human hunting: Implications for life history evolution. *Human Nature*, **18**(4), 386–402.
- Mace, P. (2001). A new role for MSY in single-species and ecosystem approaches to fisheries stock assessment and management. *Fish and Fisheries*, **2**(1), 2–32.
- Mack, A. L. (1993). The sizes of vertebrate-dispersed fruits: A Neotropical–Paleotropical comparison. *The American Naturalist*, **142**(5), 840–856.
- MacMillan, D. C., & Nguyen, Q. A. (2014). Factors influencing the illegal harvest of wildlife by trapping and snaring among the Katu ethnic group in Vietnam. *Oryx*, **48**(2), 304–312.
- Madhusudan, M. D., & Karanth, K. U. (2018). Hunting for an answer: Is local hunting compatible with large mammal conservation in India? In J. G. Robinson, & L. E. Bennett, eds., *Hunting for Sustainability in Tropical Forests*, New York: Columbia University Press, 455–472.
- Madsen, D. B., & Schmitt, D. N. (1998). Mass collecting and the diet breadth model: A Great Basin example. *Journal of Archaeological Science*, **25**(5), 445–455.
- Magige, F. J., Holmern, T., Stokke, S., Mlingwa, C., & Røskaft, E. (2009). Does illegal hunting affect density and behaviour of African grassland birds? A case study on ostrich (*Struthio camelus*). *Biodiversity and Conservation*, **18**(5), 1361–1373.
- Mahoney, S. P., & Geist, V. (2019). *The North American Model of Wildlife Conservation*, Baltimore, MD: Johns Hopkins University Press.
- Maisels, F., & Gautier-Hion, A. (1994). Why are Caesalpinioideae so important for monkeys in hydromorphic rainforests of the Zaire basin? In J. I. Spret, & D. C. McKey, eds., *Advances in Legume Systematics 5: The Nitrogen Factor*, Kew: Royal Botanic Gardens, 189–204.
- Maisels, F., Gautier-Hion, A., & Gautier, J.-P. (1994). Diets of two sympatric colobines in Zaire: More evidence on seed-eating in forests on poor soils. *International Journal of Primatology*, **15**(5), 681–701.
- Malhi, Y., Doughty, C. E., Galetti, M., Smith, F. A., Svenning, J.-C., & Terborgh, J. W. (2016). Megafauna and ecosystem function from the Pleistocene to the

- Anthropocene. *Proceedings of the National Academy of Sciences of the United States of America*, **113**(4), 838–846.
- Malonga, R. (1996). *Dynamique socio-economique du circuit commercial de viande de chasse a Brazzaville*. New York: Wildlife Conservation Society.
- Malvy, D., McElroy, A. K., de Clerck, H., Günther, S., & van Griensven, J. (2019). Ebola virus disease. *The Lancet*, **393**(10174), 936–948.
- Mambeya, M. M., Baker, F., Momboua, B. R., *et al.* (2018). The emergence of a commercial trade in pangolins from Gabon. *African Journal of Ecology*, **56**(3), 601–609.
- Mandujano, S., & Naranjo, E. J. (2010). Ungulate biomass across a rainfall gradient: A comparison of data from neotropical and palaeotropical forests and local analyses in Mexico. *Journal of Tropical Ecology*, **26**(1), 13–23.
- Manfredo, M. J., Teel, T. L., & Dietsch, A. M. (2016). Implications of human value shift and persistence for biodiversity conservation: Value Shift and Conservation. *Conservation Biology*, **30**(2), 287–296.
- Mann, E., Streng, S., Bergeron, J., & Kircher, A. (2015). A review of the role of food and the food system in the transmission and spread of Ebolavirus. *PLoS Neglected Tropical Diseases*, **9**(12), e0004160.
- Mann, N. (2007). Meat in the human diet: An anthropological perspective. *Nutrition & Dietetics*, **64**(s4), S102–S107.
- Marboutin, E., Bray, Y., Péroux, R., Mauvy, B., & Lartiges, A. (2003). Population dynamics in European hare: Breeding parameters and sustainable harvest rates. *Journal of Applied Ecology*, **40**, 580–591.
- Marín Arroyo, A. B. (2009). The use of optimal foraging theory to estimate Late Glacial site catchment areas from a central place: The case of eastern Cantabria, Spain. *Journal of Anthropological Archaeology*, **28**(1), 27–36.
- Marion, P. L., Oshiro, L. S., Regnery, D. C., Scullard, G. H., & Robinson, W. S. (1980). A virus in Beechey ground squirrels that is related to hepatitis B virus of humans. *Proceedings of the National Academy of Sciences of the United States of America*, **77**(5), 2941–2945.
- Marlowe, F. (2002). Why the Hadza are still hunter-gatherers. In S. Kent, ed., *Ethnicity, Hunter-Gatherers, and the 'Other': Association or Assimilation in Africa*, Washington D.C.: Smithsonian Institution Press, 247–275.
- (2005). Hunter-gatherers and human evolution. *Evolutionary Anthropology*, **14**(2), 54–67.
- Marrocoli, S., Nielsen, M. R., Morgan, D., van Loon, T., Kulik, L., & Kühl, H. (2019). Using wildlife indicators to facilitate wildlife monitoring in hunter-self monitoring schemes. *Ecological Indicators*, **105**, 254–263.
- Marsh, W. M., & Kaufman, M. M. (2012). *Physical Geography: Great Systems and Global Environments*, Cambridge: Cambridge University Press.
- Martin, A., Caro, T., & Kiffner, C. (2013). Prey preferences of bushmeat hunters in an East African savannah ecosystem. *European Journal of Wildlife Research*, **59**(2), 137–145.
- Martin, J. F. (1983). Optimal foraging theory: A review of some models and their applications. *American Anthropologist*, **85**(3), 612–629.
- Martin, P. S., & Klein, R. G. (eds.). (1984). *Quaternary Extinctions: A Prehistoric Revolution*, Tucson: University of Arizona Press.

- Martin, V., Chevalier, V., Ceccato, P., *et al.* (2008). The impact of climate change on the epidemiology and control of Rift Valley fever. *Revue scientifique et technique / Office international des épizootie.*, **27**, 413–426.
- Martini, G. A., Knauff, H. G., Schmidt, H. A., Mayer, G., & Baltzer, G. (1968). A hitherto unknown infectious disease contracted from monkeys. ‘Marburg-virus’ disease. *German Medical Monthly*, **13**(10), 457–470.
- Martins, V., & Shackleton, C. M. (2019). Bushmeat use is widespread but under-researched in rural communities of South Africa. *Global Ecology and Conservation*, **17**, e00583.
- Mason, W. S., Seal, G., & Summers, J. (1980). Virus of Pekin ducks with structural and biological relatedness to human hepatitis B virus. *Journal of Virology*, **36**(3), 829–836.
- Maxwell, S. L., Fuller, R. A., Brooks, T. M., & Watson, J. E. M. (2016). The ravages of guns, nets and bulldozers. *Nature News*, **536**(7615), 143.
- Mayor, P., Bodmer, R. E., & Bowler, M. (2016). Reproductive biology for the assessment of hunting sustainability of rainforest mammal populations through the participation of local communities. *Conservation Biology*, **31**(4), 912–923.
- Mayor, P., Bodmer, R. E., López-Béjar, M., & López-Plana, C. (2011). Reproductive biology of the wild red brocket deer (*Mazama americana*) female in the Peruvian Amazon. *Animal Reproduction Science*, **128**(1–4), 123–128.
- Mayor, P., El Bizri, H., Bodmer, R. E., & Bowler, M. (2017). Assessment of mammal reproduction for hunting sustainability through community-based sampling of species in the wild: Participatory reproductive monitoring. *Conservation Biology*, **31**(4), 912–923.
- Mbayma, G. (2009). *Bushmeat Consumption in Kinshasa, DRC. Analysis at the Household Level*. New York: Wildlife Conservation Society.
- Mbete, P., Ngokaka, C., Bonazebi, F. A. N., & Vouldibio, J. (2010). Evaluation of the depletion of game by hunting around the Park National of Odzala Kokoua and the impact on biodiversity degradation. *Journal of Animal and Plant Sciences*, **8**(3), 1061–1069.
- Mbete, R. A., Banga-Mboko, H., Racey, P., *et al.* (2011). Household bushmeat consumption in Brazzaville, the Republic of the Congo. *Tropical Conservation Science*, **4**(2), 187–202.
- McCormick, J. B., Webb, P. A., Krebs, J. W., Johnson, K. M., & Smith, E. S. (1987). A prospective study of the epidemiology and ecology of Lassa fever. *The Journal of Infectious Diseases*, **155**(3), 437–444.
- McCorquodale, S. M. (1997). Cultural contexts of recreational hunting and native subsistence and ceremonial hunting: Their significance for wildlife management. *Wildlife Society Bulletin*, **25**, 568–573.
- McCullough, D. R. (1996). Spatially structured populations and harvest theory. *Journal of Wildlife Management*, **60**, 1–9.
- McDonald, D. R. (1977). Food taboos: A primitive environmental protection agency (South America). *Anthropos*, **72**, 734–748.
- McGarry, D. K., & Shackleton, C. M. (2009). Children navigating rural poverty: Rural children’s use of wild resources to counteract food insecurity in the Eastern Cape, South Africa. *Journal of Children and Poverty*, **15**(1), 19–37.

- McGraw, S. (1994). Census, habitat preference, and polyspecific associations of six monkeys in the Lomako Forest, Zaire. *American Journal of Primatology*, **34**(4), 295–307.
- McGregor, J. (2005). Crocodile crimes: People versus wildlife and the politics of postcolonial conservation on Lake Kariba, Zimbabwe. *Geoforum*, **36**(3), 353–369.
- McKay, G. M., & Eisenberg, J. F. (1974). Movement patterns and habitat utilization of ungulates in Ceylon. In V. Geist, & R. Walther, eds., *The Behavior of Ungulates and its Relation to Management*. Volume 2e. IUCN Publication Number 24, 708–721.
- McKey, D. B., Gartlan, J. S., Waterman, P. G., & Choo, G. M. (1981). Food selection by black colobus monkeys (*Colobus satanas*) in relation to plant chemistry. *Biological Journal of the Linnean Society*, **16**(2), 115–146.
- McMichael, A. J. (2005). Environmental and social influences on emerging infectious diseases: Past, present, and future. In A. McLean, R. M. May, J. Pattison, & R. A. Weiss, eds., *SARS: A Case Study in Emerging Infections*, Oxford: Oxford University Press, 4–15.
- McNeill, W. H. (1976). *Plagues and Peoples*, London: Penguin.
- McRae, L., Deinet, S., & Freeman, R. (2017). The Diversity-weighted Living Planet Index: Controlling for taxonomic bias in a global biodiversity indicator. *PLoS One*, **e0169156**, 20.
- Meazza, C., Pagani, S., & Bozzola, M. (2011). The Pygmy short stature enigma. *Pediatric Endocrinology Reviews*, **8**(4), 7.
- Medeiros Jacob, M. C., Feitosa, I. S., & Albuquerque, U. P. (2020). Animal-based food systems are unsafe: Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) fosters the debate on meat consumption. *Public Health Nutrition*, **23**(17), 3250–3255.
- Mediannikov, O., Diatta, G., Zolia, Y., et al. (2012). Tick-borne rickettsiae in Guinea and Liberia. *Ticks and Tick-Borne Diseases*, **3**(1), 43–48.
- Mehlman, M. J. (1990). Later Quaternary archaeological sequences in northern Tanzania. (PhD thesis), University of Illinois at Urbana-Champaign.
- Mena, I., Nelson, M. I., Quezada-Monroy, F., et al., B. (2016). Origins of the 2009 H1N1 influenza pandemic in swine in Mexico. *Elife*, **5**, e16777.
- Mena, V. P., Stallings, J. R., Regalado, J. B., & Cueva, R. L. (1999). The sustainability of current hunting practices by the Huaorani. In J. G. Robinson, & L. E. Bennett, eds., *Hunting for Sustainability in Tropical Forests*, New York: Columbia University Press, 57–78.
- Mendes Pontes, A. R. (1999). Environmental determinants of primate abundance in Maraca Island, Roraima, Brazilian Amazonia. *Journal of Zoology*, **247**(2), 189–199.
- (2004). Ecology of a community of mammals in a seasonally dry forest in Roraima, Brazilian Amazon. *Mammalian Biology*, **69**(5), 319–336.
- Menon, R. K. (2000). Nature watch—the quintessential Antelope – life of the Blackbuck. *Resonance*, **19**, 69–79.
- Mensah, G. A. (2000). Présentation générale de l'élevage d'aulacodes, historique et état de la diffusion en Afrique. *Actes Séminaire International Sur l'élevage Intensif de Gibier à but Alimentaire à Libreville (Gabon), Projet DGEG/VSF/ADIE/CARPE/UE*, 45–59.

- Mermet, L. (1992). *Stratégies pour la gestion de l'environnement: la nature comme jeu de société?* Paris: Éditions L'Harmattan.
- Mesquita, G. P., & Barreto, G. P. (2015). Evaluation of mammals hunting in indigenous and rural localities in Eastern Brazilian Amazon. *Ethnobiology and Conservation*, **4**, 1–14.
- Meyer-Rochow, V. B. (2009). Food taboos: Their origins and purposes. *Journal of Ethnobiology and Ethnomedicine*, **5**, e18.
- Mickleburgh, S., Waylen, K., & Racey, P. (2009). Bats as bushmeat: A global review. *Oryx*, **43**(2), 217.
- Migliano, A. B., Romero, I. G., Metspalu, M., Leavesley, M., & Pagani, L. (2013). Evolution of the Pygmy phenotype: Evidence of positive selection from genome-wide scans in African, Asian, and Melanesian Pygmies. *Human Biology*, **85**, 85(1–3), 251–284.
- Mildenstein, T., Tanshi, I., & Racey, P. A. (2016). Exploitation of bats for bushmeat and medicine. In C. C. Voight, & T. Kingston, *Bats in the Anthropocene: Conservation of Bats in a Changing World*, Cham: Springer, 325–375.
- Milks, A., Parker, D., & Pope, M. (2019). External ballistics of Pleistocene hand-thrown spears: Experimental performance data and implications for human evolution. *Scientific Reports*, **9**(1), 820.
- Miller, J. (2021). Nambikwara. <https://pib.socioambiental.org/en/Povo:Nambikwara>
- Mills, J. N., Gage, K. L., & Khan, A. S. (2010). Potential influence of climate change on vector-borne and zoonotic diseases: A review and proposed research plan. *Environmental Health Perspectives*, **118**(11), 1507–1514.
- Milner-Gulland, E. J., & Akçakaya, H. R. (2001). Sustainability indices for exploited populations. *Trends in Ecology & Evolution*, **16**(12), 686–692.
- Milner-Gulland, E. J., & Bennett, E. L. (2003). Wild meat: The bigger picture. *Trends in Ecology & Evolution*, **18**(7), 351–357.
- Milner-Gulland, E. J., & Clayton, L. (2002). The trade in babirusas and wild pigs in North Sulawesi, Indonesia. *Ecological Economics*, **42**(1–2), 165–183.
- Milner-Gulland, E. J., & Mace, R. (2009). *Conservation of Biological Resources*, Oxford: Wiley.
- Milner-Gulland, E. J., & Rowcliffe, J. M. (2007). *Conservation and Sustainable Use: A Handbook of Techniques*, Oxford: Oxford University Press.
- Milton, K. (1982). Dietary quality and demographic regulation in a howler monkey population. In E. G. Leigh, A. S. Rand, & D. M. Windsor, eds., *The Ecology of a Tropical Forest*, Washington, DC: Smithsonian Institution Press, 273–290.
- (2000). Hunter-gatherer diets—a different perspective. *The American Journal of Clinical Nutrition*, **71**(3), 665–667.
- Miranda, C. L., & Alencar, G. da S. (2007). Aspects of hunting activity in Serra da Capivara National Park, in the state of Piauí, Brazil. *Natureza & Conservação*, **5**(1), 114–121.
- Misin, A., Antonello, R. M., Di Bella, S., et al. (2020). Measles: An overview of a re-emerging disease in children and immunocompromised patients. *Microorganisms*, **8**(2), 276.
- Mithen, S. J. (1989). Modeling hunter-gatherer decision making: Complementing optimal foraging theory. *Human Ecology*, **17**(1), 59–83.

- Mittermeier, R. A. (1987). Effects of hunting on rain forest primates. In C. W. Marsh, & R. A. Mittermeier, eds., *Primate Conservation in Tropical Rain Forest*, New York: Alan R. Liss, 109–146.
- Mockrin, M. H., Bennett, E. L., & LaBruna, D. T. (2005). *Wildlife farming: A viable alternative to hunting in tropical forests?* (WCS Working Paper NO. 2 3), New York: Wildlife Conservation Society.
- Mohneke, M., Onadeko, A. B., & Rödel, M. O. (2009). Exploitation of frogs—a review with a focus on West Africa. *Salamandra*, **45**(4), 193–202.
- Moloney, A. (2019, April 11). Ecuador's hunter-gatherers in court over oil drilling in Amazon. *Reuters*, 4.
- Molyneux, D., Hallaj, Z., Keusch, G. T., et al. (2011). Zoonoses and marginalised infectious diseases of poverty: Where do we stand? *Parasites & Vectors*, **4**(1), 106.
- Mondanaro, A., Di Febbraro, M., Melchionna, M., et al. (2019). Additive effects of climate change and human hunting explain population decline and extinction in cave bears. *Boreas*, **48**(3), 605–615.
- Monroe, M. C., & Willcox, A. S. (2006). Could risk of disease change bushmeat-butchered behavior? *Animal Conservation*, **9**(4), 368–369.
- Montenegro, O. L. (2004). Natural licks as keystone resources for wildlife and people in Amazonia. (PhD thesis), University of Florida.
- Moore, J. E., Mascarenhas, A., Bain, J., & Straus, S. E. (2017). Developing a comprehensive definition of sustainability. *Implementation Science*, **12**(1), 110.
- Mora, C., Tittensor, D. P., Adl, S., Simpson, A. G. B., & Worm, B. (2011). How many species are there on Earth and in the ocean? *PLoS Biology*, **9**(8), e1001127.
- Morcatty, T. Q., & Valsecchi, J. (2015). Social, biological, and environmental drivers of the hunting and trade of the endangered yellow-footed tortoise in the Amazon. *Ecology and Society*, **20**(3), 3. <http://dx.doi.org/10.5751/ES-07701-200303>
- Mordechai, L., Eisenberg, M., Newfield, T. P., Izdebski, A., Kay, J. E., & Poinar, H. (2019). The Justinianic Plague: An inconsequential pandemic? *Proceedings of the National Academy of Sciences of the United States of America*, **116**(51), 25546–25554.
- Moreno Bofarull, A., Royo, A. A., Fernández, M. H., Ortiz-Jaureguizar, E., & Morales, J. (2008). Influence of continental history on the ecological specialization and macroevolutionary processes in the mammalian assemblage of South America: Differences between small and large mammals. *BMC Evolutionary Biology*, **8**(1), 97.
- Morgera, E., & Cirelli, M. T. (2010). Wildlife law in the Southern African development community (No. 84), FAO.
- Morrison, J. C., Sechrest, W., Dinerstein, E., Wilcove, D. S., & Lamoreux, J. F. (2007). Persistence of large mammal faunas as indicators of global human impacts. *Journal of Mammalogy*, **88**, 1363–1380.
- Morrison-Lanjouw, S. M., Coutinho, R. A., Boahene, K., & Pool, R. (2021). Exploring the characteristics of a local demand for African wild meat: A focus group study of long-term Ghanaian residents in the Netherlands. *PLoS ONE*, **16**(2), e0246868.

- Morsello, C., Yagüe, B., Beltreschi, L., *et al.* (2015). Cultural attitudes are stronger predictors of bushmeat consumption and preference than economic factors among urban Amazonians from Brazil and Colombia. *Ecology and Society*, **20**(4), 21. <http://dx.doi.org/10.5751/ES-07771-200421/>
- Morton, O., Scheffers, B. R., Haugaasen, T., & Edwards, D. P. (2021). Impacts of wildlife trade on terrestrial biodiversity. *Nature Ecology & Evolution*, **5**, 540–548.
- Mosimann, J. E., & Martin, P. S. (1975). Simulating overkill by Paleoindians: Did man hunt the giant mammals of the New World to extinction? Mathematical models show that the hypothesis is feasible. *American Scientist*, **63**(3), 304–313.
- Mota, M. T. de O., Ribeiro, M. R., Vedovello, D., & Nogueira, M. L. (2015). Mayaro virus: A neglected arbovirus of the Americas. *Future Virology*, **10**(9), 1109–1122.
- Movius, Hallam L. (1950). A wooden spear of Third Interglacial Age from Lower Saxony. *Southwestern Journal of Anthropology*, **6**(2), 139–142.
- Muchaal, P. K., & Ngandjui, G. (1999). Impact of village hunting on wildlife populations in the Western Dja Reserve, Cameroon. *Conservation Biology*, **13**(2), 385–396.
- Muehlenbein, M. P. (2017). Primates on display: Potential disease consequences beyond bushmeat. *American Journal of Physical Anthropology*, **162**(S63), 32–43.
- Mühlemann, B., Vinner, L., Margaryan, A., *et al.* (2020). Diverse variola virus (smallpox) strains were widespread in northern Europe in the Viking Age. *Science*, **369**(6502), eaaw8977.
- Murdock, G. P. (1967). Ethnographic atlas: A summary. *Ethnology*, **6**(2), 109–236.
- Murphy, F. A. (1998). Emerging zoonoses. *Emerging Infectious Diseases*, **4**(3), 429.
- Murray, K. A., & Daszak, P. (2013). Human ecology in pathogenic landscapes: Two hypotheses on how land use change drives viral emergence. *Current Opinion in Virology*, **3**(1), 79–83.
- Mussi, M. (2007). Women of the middle latitudes. The earliest peopling of Europe from a female perspective. In W. Roebroeks, ed., *Guts and Brains an Integrative Approach to the Hominin Record*, Leiden: Leiden University Press, 165–183.
- Myers, N., Mittermeier, R. A., Mittermeier, C. G., da Fonseca, G. A. B., & Kent, J. (2000). Biodiversity hotspots for conservation priorities. *Nature*, **403**(6772), 853–858.
- Naidoo, R., Weaver, L. C., Diggle, R. W., Matongo, G., Stuart-Hill, G., & Thouless, C. (2016). Complementary benefits of tourism and hunting to communal conservancies in Namibia. *Conservation Biology*, **30**(3), 628–638.
- Naito, D., Abe, K., Okuda, T., & Salleh, H. H. M. (2005). The changes of subsistence activities among Temuan communities in Negeri Sembilan, Peninsular Malaysia: Focus on hunting and gathering. In S. Masayoshi, & G. Yintiso, eds., *Environment, Livelihood and Local Praxis in Asia and Africa*, Kyoto: Center for African Area Studies, Kyoto University, 106–112.
- Nardoto, G. B., Murrieta, R. S. S., Prates, L. E. G., *et al.* (2011). Frozen chicken for wild fish: Nutritional transition in the Brazilian Amazon region determined by carbon and nitrogen stable isotope ratios in fingernails. *American Journal of Human Biology*, **23**(5), 642–650.
- Nasi, R. (2001). Biodiversity Planning Support Programme Integration of Biodiversity into National Forest Planning Programmes: The Case of Gabon,

- Presented at the International workshop on 'Integration of Biodiversity in National Forestry Planning Programme,' Bogor, Indonesia.
- Nasi, R., Brown, D., Wilkie, D., *et al.* (2008). *Conservation and Use of Wildlife-Based Resources: The Bushmeat Crisis*, Montreal: Secretariat of the Convention on Biological Diversity; Center for International Forestry Research (CIFOR).
- Nasi, R., & Fa, J. E. (2015, September). The role of bushmeat in food security and nutrition, Presented at the XIV World Forestry Congress, Durban, South Africa.
- Nasi, R., Taber, A., & Van Vliet, N. (2011). Empty forests, empty stomachs? Bushmeat and livelihoods in the Congo and Amazon Basins. *International Forestry Review*, **13**(3), 355–368.
- Ndumbe, P. M., Okie, F., Nyambi, P., & Delaporte, E. (1992). Retrovirus infections in the south of Cameroon. *Annales de la Société Belge de Médecine Tropicale*, **72**, 141–144.
- Nelson, A., & Chomitz, K. M. (2011). Effectiveness of strict vs. multiple use protected areas in reducing tropical forest fires: A global analysis using matching methods. *PLoS ONE*, **6**(8), e22722.
- Newing, H. (2001). Bushmeat hunting and management: Implications of duiker ecology and interspecific competition. *Biodiversity and Conservation*, **10**(1), 99–108.
- Nieto, A., & Alexander, K. (2010). *European Red List of Saproxylic Beetles*, Luxembourg: Publications Office of the European Union.
- Nieto, A., Roberts, S. P. M., Kemp, J., *et al.* (2014). *European Red List of Bees*, Luxembourg: Publication Office of the European Union.
- Nieto, M., Hortal J., Martínez-Maza, C., *et al.* (2007). Historical determinants of mammal diversity in Africa: Evolution of mammalian body mass distribution in Africa and South America during Neogene and Quaternary Times. In B. A. Huber, B. J. Sinclair, & K-H. Lampe, eds., *African Biodiversity: Molecules, Organisms, Ecosystems*, 287–295.
- Nietschmann, B. (1972). Hunting and fishing focus among the Miskito Indians, eastern Nicaragua. *Human Ecology*, **1**, 41–67.
- Njiforti, H. L. (1996). Preferences and present demand for bushmeat in north Cameroon: Some implications for wildlife conservation. *Environmental Conservation*, **23**(2), 149–155.
- Nobayashi, A. (2016). An ethnoarchaeological study of chase hunting with gundogs by the aboriginal peoples of Taiwan. In L. Snyder, ed., *Dogs and People in Social, Working, Economic or Symbolic Interaction*, Oxford: Oxbow Books, 77–84.
- Nonacs, P. (2001). State dependent behavior and the Marginal Value Theorem. *Behavioral Ecology*, **12**(1), 71–83.
- Noppornpanth, S., Haagmans, B. L., Bhattarakosol, P., *et al.* (2003). Molecular epidemiology of gibbon hepatitis B virus transmission. *Journal of General Virology*, **84**(1), 147–155.
- Noss, A. (2000). Cable snares and nets in the Central African Republic. In J. Robinson, & E. L. Bennett, eds., *Hunting for Sustainability in Tropical Forest*, New York: Columbia University Press, 282–305.
- Noss, A. J. (1995). Duikers, cables, and nets: A cultural ecology of hunting in a central African forest (PhD dissertation), University of Florida.

- (1997). The economic importance of communal net hunting among the BaAka of the Central African Republic. *Human Ecology*, **25**(1), 71–89.
- (1998a). Cable snares and bushmeat markets in a central African forest. *Environmental Conservation*, **25**(3), 228–233.
- (1998b). The impacts of cable snare hunting on wildlife populations in the forests of the Central African Republic. *Conservation Biology*, **12**(2), 9.
- Noss, A. J., & Hewlett, B. S. (2001). The contexts of female hunting in Central Africa. *American Anthropologist, New Series*, **103**(4), 1024–1040.
- Novaro, A. J., Redford, K. H., & Bodmer, R. E. (2000). Effect of hunting in source-sink systems in the Neotropics. *Conservation Biology*, **14**(3), 713–721.
- Ntiamoa-Baidu, Y. (1997). *Wildlife and food security in Africa*, Rome: FAO.
- Nunes, A. V., Peres, C. A., Constantino, P. de A. L., Fischer, E., & Nielsen, M. R. (2021). Wild meat consumption in tropical forests spares a significant carbon footprint from the livestock production sector. *Science Reports*, **11**, 19001. <https://doi.org/10.1038/s41598-021-98282-4>
- Nyaki, A., Gray, S. A., Lepczyk, C. A., Skibins, J. C., & Rentsch, D. (2014). Local-scale dynamics and local drivers of bushmeat trade: Participatory modeling in conservation. *Conservation Biology*, **28**(5), 1403–1414.
- Oakley, K. P., Andrews, P., Keeley, L. H., & Clark, J. D. (1977). A reappraisal of the Clacton spearpoint. *Proceedings of the Prehistoric Society*, **43**, 13–30.
- Oates, J. F. (1995). The dangers of conservation by rural development – a case-study from the forests of Nigeria. *Oryx*, **29**(2), 115–122.
- Oates, J. F., Whitesides, G. H., Davies, A. G., *et al.* (1990). Determinants of variation in tropical forest primate biomass: New evidence from West Africa. *Ecology*, **71**(1), 328–343.
- O’Brien, T. G., & Kinnaird, M. F. (1999). Differential vulnerability of large birds and mammals to hunting in North Sulawesi, Indonesia, and the outlook for the future. In J. G. Robinson, & L. E. Bennett, eds., *Hunting for Sustainability in Tropical Forests*, New York: Columbia University Press, 199–213.
- O’Byrne, C. J., Garnett, S. T., Fa, J. E., *et al.* (2020). The importance of indigenous peoples’ lands for the conservation of terrestrial mammals. *Conservation Biology*, **35**(3), 1002–1008.
- O’Connell, J. F., Allen, J., Williams, M. A. J., *et al.* (2018). When did *Homo sapiens* first reach Southeast Asia and Sahul? *Proceedings of the National Academy of Sciences of the United States of America*, **115**(34), 8482–8490.
- O’Connell, J. F., & Hawkes, K. (1984). Food choice and foraging sites among the Alyawara. *Journal of Anthropological Research*, **40**(4), 504–535.
- O’Connell, J. F., Hawkes, K., & Jones, N. B. (1988). Hadza hunting, butchering, and bone transport and their archaeological implications. *Journal of Anthropological Research*, **44**(2), 113–161.
- Ogoanah, S. O., & Oboh, I. P. (2017). Effect of Ebola virus on bush meat sales in Benin City, Edo State, Nigeria. *African Scientist*, **18**(2), 129–134.
- Ohl-Schacherer, J., Shepard, G. H., Kaplan, H., Peres, C. A., Levi, T., & Yu, D. W. (2007). The sustainability of subsistence hunting by Matsigenka native communities in Manu National Park, Peru. *Conservation Biology*, **21**(5), 1174–1185.

- Ojasti, F., Febres Fajardo, G., & Cova, O. M. (1986). Consumo de fauna por una comunidad indígena en el Estado Bolívar, Venezuela. In P. G. Aguilar, ed., *Conservación y manejo de la fauna silvestre en Latinoamérica*, Arequipa: Apeco.
- Ojasti, J. (1996). *Wildlife Utilization in Latin America: Current Situation and Prospects for Sustainable Management*, Rome: FAO.
- O'Kelly, H. J. (2013). Monitoring conservation threats, interventions and impacts on wildlife in a Cambodian tropical forest. (PhD thesis), Imperial College London.
- Olivero, J., Fa, J. E., Real, R., & et al. (2017). Recent loss of closed forests is associated with Ebola virus disease outbreaks. *Scientific Reports* **7**, 14291.
- Olsen, S. J. (1985). *Origins of the Domestic Dog: The Fossil Record*, Tucson: University of Arizona Press.
- Olson, D. M., Dinerstein, E., Wikramanayake, E. D., et al. (2001). Terrestrial ecoregions of the worlds: A new map of life on Earth. *Bioscience*, **51**(11), 933–938.
- Onyekuru, A. N., Ezea, C. P., & IHEMEZIE, E. J. (2018). Assessment of the structural effects of Ebola disease outbreak on bush meat enterprise in Nigeria: Implications on biodiversity conservation. *Journal of Agriculture and Ecology Research International*, **15**(4), 1–13.
- Opare, C., Nsiire, A., Awumbilla, B., & Akanmori, B. D. (2000). Human behavioural factors implicated in outbreaks of human anthrax in the Tamale municipality of northern Ghana. *Acta Tropica*, **76**(1), 49–52.
- Orians, G. H., & Pearson, N. E. (1979). On the theory of central place foraging. In D. J. Horn, R. D. Mitchell, & G. R. Stairs, eds., *Analysis of Ecological Systems*, Columbus: Ohio State University, 157–177.
- Ostrom, E., Gardner, R., Walker, J., Walker, J. M., & Walker, J. (1994). *Rules, Games, and Common-Pool Resources*, Ann Arbor: University of Michigan Press.
- Osuri, A. M., Mendiratta, U., Naniwadekar, R., Varma, V., & Naeem, S. (2020). Hunting and forest modification have distinct defaunation impacts on tropical mammals and birds. *Frontiers in Forests and Global Change*, **2**, 87.
- Osuri, A. M., Ratnam, J., Varma, V., et al. (2016). Contrasting effects of defaunation on aboveground carbon storage across the global tropics. *Nature Communications*, **7**, 11351.
- Ozioko, K. U., Okoye, C. I., Obiezue, R. N., & Agbu, R. A. (2018). Knowledge, attitudes, and behavioural risk factors regarding zoonotic infections among bushmeat hunters and traders in Nsukka, southeast Nigeria. *Epidemiology and Health*, **40**, e2018025.
- Pacheco-Cobos, L., Winterhalder, B., Cuatianquiz-Lima, C., Rosetti, M. F., Hudson, R., & Ross, C. T. (2019). Nahua mushroom gatherers use area-restricted search strategies that conform to marginal value theorem predictions. *Proceedings of the National Academy of Sciences of the United States of America*, **116**(21), 10339–10347.
- Packer, C., & Ruttan, L. (1988). The evolution of cooperative hunting. *American Naturalist*, **132**(2), 159–198.
- Pagel, M., & Mace, R. (2004). The cultural wealth of nations. *Nature*, **428**(6980), 275–278.

- Pailler, S., Wagner, J. E., McPeak, J. G., & Floyd, D. W. (2009). Identifying conservation opportunities among Malinké bushmeat hunters of Guinea, West Africa. *Human Ecology*, **37**(6), 761–774.
- Palma, A. D., Hoskins, A., Gonzalez, R. E., *et al.* (2021). Annual changes in the Biodiversity Intactness Index in tropical and subtropical forest biomes, 2001–2012. *Scientific Reports*, **11**, 20249.
- Pangau-Adam, M., Noske, R., & Muehlenberg, M. (2012). Wildmeat or bushmeat? Subsistence hunting and commercial harvesting in Papua (West New Guinea), Indonesia. *Human Ecology*, **40**(4), 611–621.
- Panter-Brick, C., Layton, R. H., & Rowley-Conwy, P. (2001). *Hunter-Gatherers: An Interdisciplinary Perspective*, Vol. 13, Cambridge: Cambridge University Press.
- Paolisso, M., & Sackett, R. (1985). Traditional meat procurement strategies among the Irapa-Yukpa of the Venezuela-Colombia border area. *Research in Economic Anthropology*, **7**, 177–199.
- Papworth, S., Milner-Gulland, E. J., & Slocombe, K. (2013a). Hunted woolly monkeys (*Lagothrix poeppigii*) show threat-sensitive responses to human presence. *PLoS ONE*, **8**(4), e62000.
- (2013b). The natural place to begin: The ethnoprimateology of the Waorani. *American Journal of Primatology*, **75**(11), 1117–1128.
- Parker, S., Nuara, A., Buller, R. M. L., & Schultz, D. A. (2007). Human monkey-pox: An emerging zoonotic disease. *Future Microbiology*, **2**(1), 17–34.
- Parry, L., Barlow, J., & Pereira, H. (2014). Wildlife harvest and consumption in Amazonia's urbanized wilderness: Wildlife consumption in urbanized Amazonia. *Conservation Letters*, **7**(6), 565–574.
- Parry, L., Barlow, J., & Peres, C. A. (2009). Hunting for sustainability in tropical secondary forests. *Conservation Biology*, **23**(5), 1270–1280.
- Parry, L., & Peres, C. A. (2015). Evaluating the use of local ecological knowledge to monitor hunted tropical-forest wildlife over large spatial scales. *Ecology and Society*, **20**(3), 15. <http://dx.doi.org/10.5751/ES-07601-200315/>
- Patin, E., Laval, G., Barreiro, L. B., *et al.* (2009). Inferring the demographic history of African farmers and Pygmy hunter-gatherers using a multilocus resequencing data set. *PLoS Genetics*, **5**(4), e1000448.
- Patin, E., & Quintana-Murci, L. (2018). The demographic and adaptive history of central African hunter-gatherers and farmers. *Current Opinion in Genetics & Development*, **53**, 90–97.
- Patterson, B. D., & Norris, R. W. (2016). Towards a uniform nomenclature for ground squirrels: The status of the Holarctic chipmunks. *Mammalia*, **80**(3), 241–251.
- Pauly, D. (1998). Fishing down marine food webs. *Science*, **279**(5352), 860–863.
- Pauly, D., Christensen, V., Guénette, S., *et al.* (2002). Towards sustainability in world fisheries. *Nature*, **418**(6898), 689–695.
- Payn, T., Carnus, J.-M., Freer-Smith, P., *et al.* (2015). Changes in planted forests and future global implications. *Forest Ecology and Management*, **352**, 57–67.
- Pearce, E., Stringer, C., & Dunbar, R. I. M. (2013). New insights into differences in brain organization between Neanderthals and anatomically modern humans. *Proceedings of the Royal Society B: Biological Sciences*, **280**(1758), 20130168.

- Pearson, O. M. (2008). Statistical and biological definitions of ‘anatomically modern’ humans: Suggestions for a unified approach to modern morphology. *Evolutionary Anthropology*, **17**(1), 38–48.
- Pedersen, A. B., Altizer, S., Poss, M., Cunningham, A. A., & Nunn, C. L. (2005). Patterns of host specificity and transmission among parasites of wild primates. *International Journal for Parasitology*, **35**(6), 647–657.
- Peel, M. C., Finlayson, B. L., & McMahon, T. A. (2007). Updated world map of the Köppen–Geiger climate classification. *Hydrology and Earth System Sciences*, **11**, 1633–1644.
- Peeters, M., Courgnaud, V., Abela, B., *et al.* (2002). Risk to human health from a plethora of simian immunodeficiency viruses in primate bushmeat. *Emerging Infectious Diseases*, **8**(5), 451–457.
- Peeters, M., & Delaporte, E. (2012). Simian retroviruses in African apes. *Clinical Microbiology and Infection*, **18**(6), 514–520.
- Pekar, J. E. Magee, A., Parker, E., *et al.* (2022). SARS-CoV-2 emergence very likely resulted from at least two zoonotic events. *Zenodo*, <https://doi.org/10.5281/zenodo.6291627>
- Pemunta, N. V. (2014). The impact of climate change on food security and health in northern Cameroon. In C. B. Keyes & O. C. Lucero *New Developments in Global Warming Research*, New York: Nova Science Publishers, 1–46.
- (2019). Fortress conservation, wildlife legislation and the Baka Pygmies of south-east Cameroon. *GeoJournal*, **84**(4), 1035–1055.
- Penone, C., Weinstein, B. G., Graham, C. H., *et al.* (2016). Global mammal beta diversity shows parallel assemblage structure in similar but isolated environments. *Proceedings of the Royal Society B: Biological Sciences*, **283**(1837), 20161028.
- Pereira, J. P. R., & Schiavetti, A. (2010). Conhecimentos e usos da fauna cinegética pelos caçadores indígenas ‘Tupinambá de Olivença’ (Bahia). *Biota Neotropica*, **10**(1), 175–183.
- Peres, C. A. (1990). Effects of hunting on western Amazonian primate communities. *Biological Conservation*, **54**(1), 47–59.
- (1991). Humboldt’s woolly monkeys decimated by hunting in Amazonia. *Oryx*, **25**(2), 89–95.
- (1994). Primate responses to phenological changes in an Amazonian terra firme forest. *Biotropica*, 98–112.
- (1996). Population status of white-lipped *Tayassu pecari* and collared peccaries *T. tajacu* in hunted and unhunted Amazonian forests. *Biological Conservation*, **77**(2–3), 115–123.
- (1997). Primate community structure at twenty western Amazonian flooded and unflooded forests. *Journal of Tropical Ecology*, **13**(3), 381–405.
- (1999a). Evaluating the impact and sustainability of subsistence hunting at multiple Amazonian forest sites. In J. G. Robinson, & E. L. Bennett, eds., *Hunting for Sustainability in Tropical Forests*, New York: Columbia University Press, 31–56.
- (1999b). Primate communities. In J. G. Fleagle, C. H. Janson, & K. E. Reed, eds., *Primate Communities*, Cambridge: Cambridge University Press, 268–283.

- (1999c). The structure of nonvolant mammal communities in different Amazonian forest types. In J. F. Eisenberg, & K. H. Redford, eds., *Mammals of the Neotropics*, **Vol. 3**, Chicago: University of Chicago Press, 564–581.
- (2000). Effects of subsistence hunting on vertebrate community structure in Amazonian forests. *Conservation Biology*, **14**(1), 240–253.
- (2001). Synergistic effects of subsistence hunting and habitat fragmentation on Amazonian forest vertebrates. *Conservation Biology*, **15**(6), 1490–1505.
- Peres, C. A., Barlow, J., & Laurance, W. F. (2006). Detecting anthropogenic disturbance in tropical forests. *Trends in Ecology & Evolution*, **21**(5), 227–229.
- Peres, C. A., Emilio, T., Schiatti, J., Desmoulière, S. J. M., & Levi, T. (2016). Dispersal limitation induces long-term biomass collapse in overhunted Amazonian forests. *Proceedings of the National Academy of Sciences of the United States of America*, **113**(4), 892–897.
- Peres, C. A., & Palacios, E. (2007). Basin-wide effects of game harvest on vertebrate population densities in Amazonian forests: Implications for animal-mediated seed dispersal. *Biotropica*, **39**(3), 304–315.
- Perez, M. A., & Longboat, S. (2019). Our shared relationship with land and water: Perspectives from the Mayangna and the Anishinaabe. *Ecopsychology*, **11**(3), 1–8.
- Pérez-Méndez, N., Jordano, P., García, C., & Valido, A. (2016). The signatures of Anthropocene defaunation: Cascading effects of the seed dispersal collapse. *Scientific Reports*, **6**(1), 24820.
- Perry, G., & Pianka, E. R. (1997). Animal foraging: Past, present and future. *Trends in Ecology & Evolution*, **12**(9), 360–364.
- Petersen, J., Trapaso, L. M., & Gabler, R. E. (2010). *Fundamentals of Physical Geography*, Belmont, CA: Brooks/Cole.
- Peterson, G. D., Cumming, G. S., & Carpenter, S. R. (2003). Scenario planning: A tool for conservation in an uncertain world. *Conservation Biology*, **17**(2), 358–366.
- Petrozzi, F. (2018). Bushmeat and fetish trade of birds in West Africa: A review. *Vie et Milieu*, **68**(1), 51–64.
- Petrozzi, F., Amori, G., Franco, D., *et al.* (2016). Ecology of the bushmeat trade in West and Central Africa. *Tropical Ecology*, **57**(3), 545–557.
- Pezzuti, J. C. B., Antunes, A. P., Fonseca, R., *et al.* (2018). A caça e o caçador: Uma análise crítica da Legislação Brasileira sobre o uso da fauna por populações indígenas e tradicionais na Amazônia. *BioBrasil, Biodiversidade Brasileira*, **2**, 42–74.
- Pezzuti, J. C. B., Lima, J. P., da Silva, D. F., & Begossi, A. (2010). Uses and taboos of turtles and tortoises Along Rio Negro, Amazon Basin. *Journal of Ethnobiology*, **30**(1), 153–168.
- Pierce, G. J., & Ollason, J. G. (1987). Eight reasons why optimal foraging theory is a complete waste of time. *Oikos*, **49**(1), 111–118.
- Pierret, P. V., & Dourojeanni, M. J. (1966). La caza y la alimentación humana en las riberas del río Pachitea, Perú. *Turrialba*, **16**, 271–277.
- (1967). Importancia de la caza y la alimentación humana en el curso del río Ucayali, Perú. *Revista Forestal del Perú*, **1**, 10–21.

- Pike, B. L., Saylor, K. E., Fair, J. N., *et al.* (2010). The origin and prevention of pandemics. *Clinical Infectious Diseases*, **50**(12), 1636–1640.
- Pikitch, E. K., Santora, C., Babcock, E. A., *et al.* (2004). Ecosystem-based fishery management. *Science*, **305**(5682), 346–347.
- Pimm, S. L., Jenkins, C. N., Abell, R., *et al.* (2014). The biodiversity of species and their rates of extinction, distribution, and protection. *Science*, **344**(6187), 1246752.
- Pinheiro, F. P., & Travassos da Rosa, A. P. (1994). Arboviral zoonoses of Central and South America. In G. Beran, ed., *Handbook of Zoonoses: Viral*, 2nd ed., Vol. 210, Boca Raton, FL: CRC Press, 201–225.
- Piper, P. J., & Rabett, R. J. (2009). Hunting in a tropical rainforest: Evidence from the Terminal Pleistocene at Lobang Hangus, Niah Caves, Sarawak. *International Journal of Osteoarchaeology*, **19**(4), 551–565.
- Piperno, D. R., Ranere, A. J., Dickau, R., & Aceituno, F. (2017). Niche construction and optimal foraging theory in Neotropical agricultural origins: A re-evaluation in consideration of the empirical evidence. *Journal of Archaeological Science*, **78**, 214–220.
- Plantier, J.-C., Leoz, M., Dickerson, J. E., *et al.* (2009). A new human immunodeficiency virus derived from gorillas. *Nature Medicine*, **15**(8), 871–872.
- Plowright, R. K., Eby, P., Hudson, P. J., *et al.* (2015). Ecological dynamics of emerging bat virus spillover. *Proceedings of the Royal Society B: Biological Sciences*, **282**(1798), 20142124.
- Plowright, R. K., Foley, P., Field, H. E., *et al.* (2011). Urban habituation, ecological connectivity and epidemic dampening: The emergence of Hendra virus from flying foxes (*Pteropus* spp.). *Proceedings of the Royal Society B: Biological Sciences*, **278**(1725), 3703–3712.
- Plummer, J. (2014). The Yanomami: Illegal mining, law, and indigenous rights in the Brazilian Amazon. *The Georgetown International Environmental Law Review*, **27**, 279–496.
- Plumptre, A. J. (1991). Plant-herbivore dynamics in the Birungas (PhD thesis), University of Bristol.
- Plumptre, A. J., & Harris, S. (1995). Estimating the biomass of large mammalian herbivores in a tropical montane forest: A method of faecal counting that avoids assuming a 'steady state' system. *Journal of Applied Ecology*, **32**, 111–120.
- Pocock, M. J. O., Newson, S. E., Henderson, I. G., *et al.* (2015). Developing and enhancing biodiversity monitoring programmes: A collaborative assessment of priorities. *Journal of Applied Ecology*, **52**(3), 686–695.
- Polisar, J., Maxit, I., Scognamillo, D., Farrell, L., Sunquist, M. E., & Eisenberg, J. F. (2003). Jaguars, pumas, their prey base, and cattle ranching: Ecological interpretations of a management problem. *Biological Conservation*, **109**(2), 297–310.
- Pontzer, H., Raichlen, D. A., Wood, B. M., Mabulla, A. Z. P., Racette, S. B., & Marlowe, F. W. (2012). Hunter-gatherer energetics and human obesity. *PLoS ONE*, **7**(7), e40503.
- Porcasi, J. F., & Fujita, H. (2000). The dolphin hunters: A specialized prehistoric maritime adaptation in the southern California Channel Islands and Baja California. *American Antiquity*, **65**(3), 543–566.

- Porta, M. S., Greenland, S., Hernán, M., *et al.* (eds.) (2014). *A Dictionary of Epidemiology*, 6th ed., Oxford: Oxford University Press.
- Porter, C. C., & Marlowe, F. W. (2007). How marginal are forager habitats? *Journal of Archaeological Science*, **34**, 59–68.
- Porter-Bolland, L., Ellis, E. A., Guariguata, M. R., *et al.* (2012). Community managed forests and forest protected areas: An assessment of their conservation effectiveness across the tropics. *Forest Ecology and Management*, **268**, 6–17.
- Potapov, P., Hansen, M. C., Laestadius, L., *et al.* (2017). The last frontiers of wilderness: Tracking loss of intact forest landscapes from 2000 to 2013. *Science Advances*, **3**(1), e1600821.
- Potapov, P., Yaroshenko, A., Turubanova, S., *et al.* (2008). Mapping the World's intact forest landscapes by remote sensing. *Ecology and Society*, **13**(2), 51. www.ecologyandsociety.org/vol13/iss2/art51
- Potts, R. (1996). *Humanity's Descent: The Consequences of Ecological Instability*, New York: William Morrow & Co.
- Poulsen, J. R., & Clark, C. J. (2010). Congo Basin timber certification and biodiversity conservation. In D. Sheil, F. E. Putz, & R. J. Zagt, eds., *Biodiversity Conservation in Certified Forests*, Wageningen: Tropenbos International, 55–60.
- Poulsen, J. R., Clark, C. J., & Mavah, G. A. (2007). Wildlife management in a logging concession in Northern Congo: Can livelihoods be maintained through sustainable hunting? In G. Davies, & D. Brown, eds., *Bushmeat and Livelihoods: Wildlife Management and Poverty Reduction*, Malden: Blackwell, 140–157.
- Poulsen, J. R., Clark, C. J., Mavah, G., & Elkan, P. W. (2009). Bushmeat supply and consumption in a tropical logging concession in Northern Congo. *Conservation Biology*, **23**(6), 1597–1608.
- Poulsen, J. R., Clark, C. J., & Palmer, T. M. (2013). Ecological erosion of an Afrotropical forest and potential consequences for tree recruitment and forest biomass. *Biological Conservation*, **163**, 122–130.
- Pourrut, X., Diffo, J. L. D., Somo, R. M., *et al.* (2011). Prevalence of gastrointestinal parasites in primate bushmeat and pets in Cameroon. *Veterinary Parasitology*, **175**(1–2), 187–191.
- Prescott, G. W., Williams, D. R., Balmford, A., Green, R. E., & Manica, A. (2012). Quantitative global analysis of the role of climate and people in explaining late Quaternary megafaunal extinctions. *Proceedings of the National Academy of Sciences of the United States of America*, **109**(12), 4527–4531.
- Prescott-Allen, R., & Prescott-Allen, C. (1982). *What's Wildlife Worth? Economic Contributions of Wild Plants and Animals to Developing Countries*, London: Earthscan.
- Price, T. D., & Brown, J. A. (1985). Aspects of hunter–gatherer complexity. In T. D. Price, & J. A. Brown, eds., *Prehistoric Hunters-Gatherers*, Orlando, FL: Academic Press, 3–20.
- Pringle, H. (1997). Ice Age communities may be earliest known net hunters. *Science*, **277**(5330), 1203.
- Prins, H. H. T. (2016). Interspecific resource competition in antelopes. In J. Bro-Jørgensen, & D. P. Mallon, eds., *Antelope Conservation: From Diagnosis to Action*, Chichester: John Wiley & Sons, 51–77.

- Prins, H. H. T., & Reitsma, J. M. (1989). Mammalian biomass in an African equatorial rain forest. *Journal of Animal Ecology*, **58**(3), 851–861.
- Proietti, F. A., Carneiro-Proietti, A. B. F., Catalan-Soares, B. C., & Murphy, E. L. (2005). Global epidemiology of HTLV-I infection and associated diseases. *Oncogene*, **24**(39), 6058–6068.
- Pruvot, M., Khammavong, K., Milavong, P., *et al.* (2019). Toward a quantification of risks at the nexus of conservation and health: The case of bushmeat markets in Lao PDR. *Science of the Total Environment*, **676**, 732–745.
- Purse, B. V., Mellor, P. S., Rogers, D. J., Samuel, A. R., Mertens, P. P. C., & Baylis, M. (2005). Climate change and the recent emergence of bluetongue in Europe. *Nature Reviews Microbiology*, **3**(2), 171–181.
- Putnam, J. J., & Allshouse, J. E. (1999). *Food consumption, prices, and expenditures, 1970–97*, Washington, DC: US Department of Agriculture.
- Putnam, P. (1948). *Pygmies of the Ituri Forest*, New York: Henry Holt and Company.
- Putz, F. E. (1983). Liana biomass and leaf area of a ‘Tierra Firme’ forest in the Rio Negro Basin, Venezuela. *Biotropica*, **15**(3), 185–189.
- Pyke, G. H. (1984). Optimal foraging theory: A critical review. *Annual Review of Ecology and Systematics*, **15**(1), 523–575.
- (2010). Optimal foraging theory: Introduction. In M. D. Breed, & J. Moore, eds., *Encyclopedia of Animal Behavior*, London: Elsevier, 601–603.
- Raczka, M. F., Mosblech, N. A., Giosan, L., *et al.* (2019). A human role in Andean megafaunal extinction? *Quaternary Science Reviews*, **205**, 154–165.
- Ráez-Luna, E. F. (1995). Hunting large primates and conservation of the Neotropical rain forests. *Oryx*, **29**(1), 43–48.
- Rainforest Foundation UK. (2020, July). The ‘post-2020 global biodiversity framework’ – how the CBD drive to protect 30 percent of the planet could dispossess millions. www.mappingforrights.org/MFR-resources/mapstory/cbddrive/300_million_at_risk_from_cbd_drive
- Ramírez Rozzi, F. V., & Sardi, M. L. (2010). Diversity among African Pygmies. *PLoS ONE*, **5**(10), e13620.
- Rao, M., Htun, S., Zaw, T., & Myint, T. (2010). Hunting, livelihoods and declining wildlife in the Hponkanrazi Wildlife Sanctuary, North Myanmar. *Environmental Management*, **46**(2), 143–153.
- Rao, M., Myint, T., Zaw, T., & Htun, S. (2005). Hunting patterns in tropical forests adjoining the Hkakaborazi National Park, north Myanmar. *Oryx*, **39**(3), 292–300.
- Rascovan, N., Sjögren, K.-G., Kristiansen, K., *et al.* (2019). Emergence and spread of basal lineages of *Yersinia pestis* during the Neolithic decline. *Cell*, **176**(1–2), 295–305.
- Rasmussen, S., Allentoft, M. E., Nielsen, K., *et al.* (2015). Early divergent strains of *Yersinia pestis* in Eurasia 5,000 years ago. *Cell*, **163**(3), 571–582.
- Ratcliffe, R. (2020, July 24). Vietnam bans imports of wild animals to reduce risk of future pandemics. *The Guardian*, 4.
- Redford, K. (1993). Hunting in Neotropical forests: A subsidy from nature. In C. M. Hladik, A. Hladik, O. F. Linares, H. Pagezy, A. Semple, & M. Hadley, eds., *Tropical Forests, People and Food: Biocultural Interactions and Applications to Development*, Paris: UNESCO-Parthenon, 227–248.

- Redford, K. H. (1991). The ecologically noble savage. *Cultural Survival Quarterly*, **15**(1), 46–48.
- (1992). The empty forest. *BioScience*, **42**(6), 412–422.
- Redford, K. H., & Robinson, J. G. (1987). The game of choice: Patterns of Indian and colonist hunting in the Neotropics. *American Anthropologist*, **89**(3), 650–667.
- Redman, C. L., Grove, J. M., & Kuby, L. H. (2004). Integrating social science into the Long-Term Ecological Research (LTER) network: Social dimensions of ecological change and ecological dimensions of social change. *Ecosystems*, **7**(2), 161–171.
- Redmond, I., Aldred, T., Jedamzik, K., & Westwood, M. (2006). *Recipes for Survival: Controlling the Bushmeat Trade (Report)*, London: Ape Alliance; WPSA.
- Redpath, S. M., Young, J., Evely, A., et al. (2013). Understanding and managing conservation conflicts. *Trends in Ecology & Evolution*, **28**(2), 100–109.
- Reed, K. D., Melski, J. W., Graham, M. B., et al. (2004). The detection of monkeypox in humans in the Western Hemisphere. *New England Journal of Medicine*, **350**(4), 342–350.
- Reed, S., Clark, M., Thompson, R., & Hughes, K. A. (2018). Microplastics in marine sediments near Rothera Research Station, Antarctica. *Marine Pollution Bulletin*, **133**, 460–463.
- Reid, J., Morra, W., Bohome, C. P., & Sobrado, D. F. (2005). *The Economics of the Primate Trade in Bioko, Equatorial Guinea*. Santa Cruz and Washington, DC: Conservation Strategy Fund and Conservation International.
- Remis, M. J., & Kpanou, J. B. (2011). Primate and ungulate abundance in response to multi-use zoning and human extractive activities in a Central African Reserve: Human impacts on wildlife. *African Journal of Ecology*, **49**(1), 70–80.
- Resilience Alliance. (2010). *Assessing Resilience in Social-Ecological Systems: Workbook for Practitioners 2.0*, Resilience Alliance. www.resalliance.org/3871.php
- Resilience Alliance. (2021). Assessment Projects. www.resalliance.org/assessment-projects
- Ribeiro, M. C., Metzger, J. P., Martensen, A. C., Ponzoni, F. J., & Hirota, M. M. (2009). The Brazilian Atlantic Forest: How much is left, and how is the remaining forest distributed? Implications for conservation. *Biological Conservation*, **142**(6), 1141–1153.
- Richmond, J. K., & Baglole, D. J. (2003). Lassa fever: Epidemiology, clinical features, and social consequences. *BMJ*, **327**, 1271–1275.
- Ricklefs, R. E. (2010). Evolutionary diversification, coevolution between populations and their antagonists, and the filling of niche space. *Proceedings of the National Academy of Sciences of the United States of America*, **107**(4), 1265–1272.
- Riddell, M. (2013). Assessing the impacts of conservation and commercial forestry on livelihoods in northern Republic of Congo. *Conservation and Society*, **11**(3), 199–217.
- Riley, C. L. (1952). The blowgun in the New World. *Southwestern Journal of Anthropology*, **8**(3), 297–319.
- Riley, J. (2002). Mammals on the Sangihe and Talaud Islands, Indonesia, and the impact of hunting and habitat loss. *Oryx*, **36**(3), 288–296.

- Rimoin, A. W., Mulembakani, P. M., Johnston, S. C., *et al.* (2010). Major increase in human monkeypox incidence 30 years after smallpox vaccination campaigns cease in the Democratic Republic of Congo. *Proceedings of the National Academy of Sciences of the United States of America*, **107**(37), 16262–16267.
- Ripple, W. J., Abernethy, K., Betts, M. G., *et al.* (2016). Bushmeat hunting and extinction risk to the world's mammals. *Royal Society Open Science*, **3**(10), 160498.
- Ríos, M., Douroujeanni, M. J., & Tovar, A. (1975). La fauna y su aprovechamiento en Jenaro Herrera (Requena, Peru). *Revista Forestal del Perú*, **5**, 73–92.
- Rist, J., Milner-Gulland, E. J., Cowlshaw, G., & Rowcliffe, M. (2010). Hunter reporting of catch per unit effort as a monitoring tool in a bushmeat-harvesting system. *Conservation Biology*, **24**(2), 489–499.
- Rival, L. (1993). The growth of family trees: Understanding Huaorani perceptions of the forest. *Man*, **28**(4), 635–652.
- (2003). Blowpipes and spears: The social significance of Huaorani technological choices. In D. Pescola, & G. Palsson, eds., *Nature and Society: Anthropological Perspectives*, London: Routledge, 155–174.
- Robbins, L. H., Campbell, A. C., Brook, G. A., Murphy, M. L., & Hitchcock, R. K. (2012). The antiquity of the bow and arrow in the Kalahari Desert: Bone points from White Paintings Rock Shelter, Botswana. *Journal of African Archaeology*, **10**(1), 7–20.
- Robinson, J. G. (1993). The limits to caring: Sustainable living and the loss of biodiversity. *Conservation Biology*, **7**(1), 20–28.
- Robinson, J. G., & Bennett, E. L. (1999a). Carrying capacity limits to sustainable hunting in tropical forests. In J. G. Robinson, & E. L. Bennett, eds., *Hunting for Sustainability in Tropical Forests*, New York: Columbia University Press, 13–30.
- Robinson, J. G., & Bennett, E. L. (eds.). (1999b). *Hunting for Sustainability in Tropical Forests*, New York: Columbia University Press.
- (2004). Having your wildlife and eating it too: An analysis of hunting sustainability across tropical ecosystems. *Animal Conservation*, **7**(4), 397–408.
- Robinson, J. G., & Bodmer, R. E. (1999). Towards wildlife management in tropical forests. *Journal of Wildlife Management*, **63**(1), 1–13.
- Robinson, J. G., & Redford, K. H. (1986). Intrinsic rate of natural increase in Neotropical forest mammals: Relationship to phylogeny and diet. *Oecologia*, **68**(4), 516–520.
- (eds.). (1991a). *Neotropical Wildlife Use and Conservation*, Chicago, IL: University of Chicago Press.
- (1991b). Sustainable harvest of neotropical forest mammals. In J. G. Robinson, & K. H. Redford, eds., *Neotropical Wildlife Use and Conservation*, Chicago, IL: University of Chicago Press, 415–429.
- (1994). Measuring the sustainability of hunting in tropical forests. *Oryx*, **28**(4), 249–256.
- Robinson, J. G., Redford, K. H., & Bennett, E. L. (1999). Wildlife harvest in logged tropical forests. *Science*, **284**(5414), 595–596.
- Rode, C., Cosmides, L., Hell, W., & Tooby, J. (1999). When and why do people avoid unknown probabilities in decisions under uncertainty? Testing some predictions from optimal foraging theory. *Cognition*, **72**(3), 269–304.

- Roe, D., & Elliott, J. (2004). Poverty reduction and biodiversity conservation: Rebuilding the bridges. *Oryx*, **38**(2), 137–139.
- Rogan, M. S., Lindsey, P. A., Tambling, C. J., *et al.* (2017). Illegal bushmeat hunters compete with predators and threaten wild herbivore populations in a global tourism hotspot. *Biological Conservation*, **210**, 233–242.
- Rogan, M. S., Miller, J. R. B., Lindsey, P. A., & McNutt, J. W. (2018). Socioeconomic drivers of illegal bushmeat hunting in a Southern African Savanna. *Biological Conservation*, **226**, 24–31.
- Rojas, M., Monsalve, D. M., Pacheco, Y., *et al.* (2020). Ebola virus disease: An emerging and re-emerging viral threat. *Journal of Autoimmunity*, **106**, 102375.
- Rolland, J., Condamine, F. L., Jiguet, F., & Morlon, H. (2014). Faster speciation and reduced extinction in the Tropics contribute to the mammalian latitudinal diversity gradient. *PLoS Biology*, **12**(1), e1001775.
- Romanoff, S. A. (1984). *Matses adaptations in the Peruvian Amazon* (PhD dissertation), Columbia University.
- Rose, A. L. (2001). Social change and social values in mitigating bushmeat commerce. In M. Bakarr, G. Fonseca, R. Mittermeier, & A. B. Rylands, eds., *Hunting and Bushmeat Utilization in the African Rain Forest. Perspectives Toward a Blueprint for Conservation Action*, Washington DC: Conservation International, 59–74.
- Rosin, C., & Poulsen, J. R. (2016). Hunting-induced defaunation drives increased seed predation and decreased seedling establishment of commercially important tree species in an Afrotropical forest. *Forest Ecology and Management*, **382**, 206–213.
- Ross, E. B., Arnott, M. L., Basso, E. B., *et al.* (1978). Food taboos, diet, and hunting strategy: The adaptation to animals in amazon cultural ecology [and Comments and Reply]. *Current Anthropology*, **19**(1), 1–36.
- Roughgarden, J., & Smith, F. (1996). Why fisheries collapse and what to do about it. *Proceedings of the National Academy of Sciences of the United States of America*, **93**(10), 5078–5083.
- Round, P. D. (1990). Bangkok Bird Club survey of the bird and mammal trade in the Bangkok weekend market. *Natural History Bulletin of the Siam Society*, **38**, 1–43.
- Rouquet, P., Froment, J.-M., Bermejo, M., *et al.* (2005). Wild animal mortality monitoring and human ebola outbreaks, Gabon and Republic of Congo, 2001–2003. *Emerging Infectious Diseases*, **11**(2), 283–290.
- Rovero, F., Ahumada, J., Jansen, P. A., *et al.* (2020). A standardized assessment of forest mammal communities reveals consistent functional composition and vulnerability across the tropics. *Ecography*, **43**(1), 75–84.
- Rowcliffe, J. M., Cowlishaw, G., & Long, J. (2003). A model of human hunting impacts in multi-prey communities: Modelling hunting in multi-prey communities. *Journal of Applied Ecology*, **40**(5), 872–889.
- Runyoro, V. A., Hofer, H., Chausi, E. B., & Moehlman, P. D. (1995). Populations of the Ngorongoro Crater. In A. R. E. Sinclair, & P. Arcese, eds., *Serengeti II: Dynamics, Management, and Conservation of an Ecosystem*, Vol. 2, Chicago, IL: University of Chicago Press, 46–168.

- Rushton, J., Viscarra, R., Viscarra, C., Basset, F., Baptista, R., & Brown, D. (2005). *How Important is Bushmeat Consumption in South America: Now and in the Future?* (Overseas Development Institute Wildlife Policy Briefing No. 11).
- Salkeld, D. J., Padgett, K. A., & Jones, J. H. (2013). A meta-analysis suggesting that the relationship between biodiversity and risk of zoonotic pathogen transmission is idiosyncratic. *Ecology Letters*, **16**(5), 679–686.
- Saltré, F., Chadoeuf, J., Peters, K. J., *et al.* (2019). Climate-human interaction associated with southeast Australian megafauna extinction patterns. *Nature Communications*, **10**(1), 5311.
- Samb, S., & Toweh, A. (2014, March 27). Beware of bats: Guinea issues bushmeat warning after Ebola outbreak. www.reuters.com/article/us-ebola-bushmeat/beware-of-bats-guinea-issues-bushmeat-warning-after-ebola-outbreak-idUSBREA2Q19N20140327
- Sandalj, M., Treydte, A. C., & Ziegler, S. (2016). Is wild meat luxury? Quantifying wild meat demand and availability in Hue, Vietnam. *Biological Conservation*, **194**(4), 105–112.
- Sanderson, S., & Redford, K. (2004). The defence of conservation is not an attack on the poor. *Oryx*, **38**(2), 146–147.
- Sandom, C., Faurby, S., Sandel, B., & Svenning, J.-C. (2014). Global late Quaternary megafauna extinctions linked to humans, not climate change. *Proceedings of the Royal Society B: Biological Sciences*, **281**(1787), 20133254.
- Sano, K., Arrighi, S., Stani, C., *et al.* (2019). The earliest evidence for mechanically delivered projectile weapons in Europe. *Nature Ecology & Evolution*, **3**(10), 1409–1414.
- Santos-Fita, D., Naranjo, E. J., & Rangel-Salazar, J. (2012). Wildlife uses and hunting patterns in rural communities of the Yucatan Peninsula, Mexico. *Journal of Ethnobiology and Ethnomedicine*, **8**(1), 38.
- Sarti, F. M., Adams, C., Morsello, C., *et al.* (2015). Beyond protein intake: Bushmeat as source of micronutrients in the Amazon. *Ecology and Society*, **20**(4), 22. <http://dx.doi.org/10.5751/ES-07934-200422>
- Sartoretto, E., Tomassi, A., & Karpe, P. (2017). Analyse comparative des cadres juridiques régissant la gestion de la faune par les collectivités locales en Afrique Centrale. Diversités et limites. In N. Van Vliet, J. C. Nguingui, D. Cornelis, & S. Le Bel, eds., *Communautés locales et utilisation durable de la faune en Afrique Central*, Rome: FAO.
- Sato, H. (2012). Late Pleistocene trap-pit hunting in the Japanese Archipelago. *Quaternary International*, **248**(1), 43–55.
- Schaller, G. B. (1972). *The Serengeti lion: A Study of Predator-Prey Relations*, Chicago, IL: University of Chicago Press.
- (1983). Mammals and their biomass on a Brazilian ranch. *Arquivos de Zoologia*, **31**(1), 1–36.
- Scheel, D., & Packer, C. (1991). Group hunting behaviour of lions: A search for cooperation. *Animal Behaviour*, **41**(4), 697–709.
- Schindler, D. E., & Hilborn, R. (2015). Prediction, precaution, and policy under global change. *Science*, **347**(6225), 953–954.

- Schulte-Herbrüggen, B., Cowlshaw, G., Homewood, K., & Rowcliffe, J. M. (2013). The importance of bushmeat in the livelihoods of West African cash-crop farmers living in a faunally-depleted landscape. *PLoS ONE*, **8**(8), e72807.
- Schwartzman, S., Nepstad, D., & Moreira, A. (2000). Arguing tropical forest conservation: People versus parks. *Conservation Biology*, **14**(5), 1370–1374.
- Schwartzman, S., & Zimmerman, B. (2005). Conservation alliances with Indigenous Peoples of the Amazon. *Conservation Biology*, **19**(3), 721–727.
- Scott, A. M. K. (1858). *Day Dawn in Africa: Or Progress of the Protestant/Episcopal Mission at Cape Palmas, West Africa*, New York: Protestant Episcopal Society.
- Sellberg, M. M., Wilkinson, C., & Peterson, G. D. (2015). Resilience assessment: A useful approach to navigate urban sustainability challenges. *Ecology and Society*, **20**(1), 43. <http://dx.doi.org/10.5751/ES-07258-200143>
- Señaris, J. C., & Ferrer, A. (2012). Síntesis preliminar del uso de la fauna en la Guayana venezolana. In *Carne de monte y consumo de fauna silvestre en la Orinoquia y Amazonis (Colombia y Venezuela) Memorias del Taller Regional Inirida, Guainia (Colombia)*, Instituto de Investigaciones de Recursos Biológicos Alexander von Humboldt, Universidad Nacional de Colombia, Sede Orinoquia, Instituto de Estudios de la Orinoquia y Corporación para el Desarrollo Sostenible del Norte y el Oriente Amazónico.
- Setz, E. Z. F., & Sazima, I. (1987). Bats eaten by Nambiquara Indians in Western Brazil. *Biotropica*, **19**(2), 190.
- Shaffer, C. A., Milstein, M. S., Yukuma, C., Marawanaru, E., & Suse, P. (2017). Sustainability and comanagement of subsistence hunting in an indigenous reserve in Guyana: Sustainability and comanagement. *Conservation Biology*, **31**(5), 1119–1131.
- Shairp, R., Veríssimo, D., Fraser, I., Challender, D., & MacMillan, D. (2016). Understanding urban demand for wild meat in Vietnam: Implications for conservation actions. *PLoS ONE*, **11**(1), e0134787.
- Shea, J. J. (2006). The origins of lithic projectile point technology: Evidence from Africa, the Levant, and Europe. *Journal of Archaeological Science*, **33**(6), 823–846.
- Shea, J. J., & Sisk, M. L. (2010). Complex projectile technology and *Homo sapiens* dispersal into western Eurasia. *PaleoAnthropology*, **2010**, 100–122.
- Sheil, D., Boissière, M., & Beaudoin, G. (2015). Unseen sentinels: Local monitoring and control in conservation's blind spots. *Ecology and Society*, **20**(2), 39. <http://dx.doi.org/10.5751/ES-07625-200239>
- Shepard, G. H. (2002). Primates in Matsigenka subsistence and world view. In A. Fuentes, & L. D. Wolfe, eds., *Primates Face to Face: Conservation Implications of Human-Nonhuman Primate Interconnections*, Cambridge: Cambridge University Press, 101–136.
- Shepard, G. H., Jr., Rummenhoeller, K., Ohl-Schacherer, J., & Yu, D. W. (2010). Trouble in paradise: Indigenous populations, anthropological policies, and biodiversity conservation in Manu National Park, Peru. *Journal of Sustainable Forestry*, **29**(2/4), 252–301.
- Shephard, S., Reid, D. G., & Greenstreet, S. P. R. (2011). Interpreting the large fish indicator for the Celtic Sea. *ICES Journal of Marine Science*, **68**(9), 1963–1972.

- Shi, J., Wen, Z., Zhong, G., *et al.* (2020). Susceptibility of ferrets, cats, dogs, and other domesticated animals to SARS–coronavirus 2. *Science*, **368**(6494), 1016–1020.
- Sierra, R., Rodriguez, F., & Losos, E. (1999). Forest resource use change during early market integration in tropical rain forests: The Huaorani of upper Amazonia. *Ecological Economics*, **30**(1), 107–119.
- Simmonds, P. (2000). 2000 Fleming Lecture. The origin and evolution of hepatitis viruses in humans. *Journal of General Virology*, **82**(4), 693–712.
- Simon, H. A. (1955). A behavioral model of rational choice. *Quarterly Journal of Economics*, **69**(1), 99–118.
- Singh, R. K., Dhama, K., Malik, Y. S., *et al.* (2017). Ebola virus – epidemiology, diagnosis, and control: Threat to humans, lessons learnt, and preparedness plans – an update on its 40 year’s journey. *Veterinary Quarterly*, **37**(1), 98–135.
- Sirén, A. (2012). Festival hunting by the Kichwa People in the Ecuadorian Amazon. *Journal of Ethnobiology*, **32**(1), 30–50.
- Sirén, A. H. (2015). Assessing sustainability is just one component of many in the quest to achieve sustainability. *Ecology and Society*, **20**(4), <http://dx.doi.org/10.5751/ES-07932-200435>
- Sirén, A. H., & Wilkie, D. S. (2016). The effects of ammunition price on subsistence hunting in an Amazonian village. *Oryx*, **50**(1), 47–55.
- Sirén, A., Hambäck, P., & Machoa, J. (2004). Including spatial heterogeneity and animal dispersal when evaluating hunting: A model analysis and an empirical assessment in an Amazonian community. *Conservation Biology*, **18**(5), 1315–1329.
- Sirén, A., & Machoa, J. (2008). Fish, wildlife, and human nutrition in tropical forests: A fat gap? *Interciencia*, **33**, 186–193.
- Sirisanthana, T., & Brown, A. E. (2002). Anthrax of the gastrointestinal tract. *Emerging Infectious Diseases*, **8**(7), 649–651.
- Siskind, J. (1973). *To Hunt in the Morning*. Oxford: Oxford University Press.
- Skaanes, T. (2015). Notes on Hadza cosmology. *Hunter Gatherer Research*, **1**(2), 247–267.
- Skalski, J. R., Ryding, K. E., & Millspaugh, J. (2005). *Wildlife Demography: Analysis of Sex, Age, and Count Data*, Boston, MA: Elsevier.
- Skinner, J. D., & Chimimba, C. T. (2005). *The Mammals of the Southern African Sub-region*, Cambridge: Cambridge University Press.
- Sklenovská, N., & Van Ranst, M. (2018). Emergence of monkeypox as the most important orthopoxvirus infection in humans. *Frontiers in Public Health*, **6**, 241.
- Slade, N. A., Gomulkiewicz, R., & Alexander, H. M. (1998). Alternatives to Robinson and Redford’s method of assessing overharvest from incomplete demographic data. *Conservation Biology*, **12**, 148–155.
- Slobodkin, L. B. (1974). Prudent predation does not require group selection. *The American Naturalist*, **108**(963), 665–678.
- Smiley Evans, T., Myat, T. W., Aung, P., *et al.* (2020). Bushmeat hunting and trade in Myanmar’s central teak forests: Threats to biodiversity and human livelihoods. *Global Ecology and Conservation*, **22**, e00889.

- Smith, B. D. (2015). A comparison of niche construction theory and diet breadth models as explanatory frameworks for the initial domestication of plants and animals. *Journal of Archaeological Research*, **23**(3), 215–262.
- (2016). Neo-Darwinism, niche construction theory, and the initial domestication of plants and animals. *Evolutionary Ecology*, **30**(2), 307–324.
- Smith, D. A. (2005). Garden game: Shifting cultivation, indigenous hunting and wildlife ecology in Western Panama. *Human Ecology*, **33**(4), 505–537.
- (2008). The spatial patterns of indigenous wildlife use in western Panama: Implications for conservation management. *Biological Conservation*, **141**(4), 925–937.
- Smith, E. A. (1979). Inujjuamiut hunting strategies: A preliminary report. *Études/Inuit/Studies*, **3**(2), 128–131.
- (1991). *Inujjuamiut Foraging Strategies: Evolutionary Ecology of an Arctic Hunting Economy*, New Brunswick, NJ: Transaction Publishers.
- (2004). Why do good hunters have higher reproductive success? *Human Nature*, **15**(4), 343–364.
- Smith, E. A., Bettinger, R. L., Bishop, C. A., *et al.* (1983). Anthropological applications of optimal foraging theory: A critical review [and comments and reply]. *Current Anthropology*, **24**(5), 625–651.
- Smith, E. A., & Wishnie, M. (2000). Conservation and subsistence in small-scale societies. *Annual Review of Anthropology*, **29**, 493–524.
- Smith, F. A., Elliott Smith, R. E., Lyons, S. K., & Payne, J. L. (2018). Body size downgrading of mammals over the late Quaternary. *Science*, **360**(6386), 310–313.
- Smith, K. F., Goldberg, M., Rosenthal, S., *et al.* (2014). Global rise in human infectious disease outbreaks. *Journal of The Royal Society Interface*, **11**(101), 20140950.
- Smith, K. M., Anthony, S. J., Switzer, W. M., *et al.* (2012). Zoonotic viruses associated with illegally imported wildlife products. *PLoS ONE*, **7**(1), e29505.
- Smith, K. M., Machalaba, C. C., Seifman, R., Feferholtz, Y., & Karesh, W. B. (2019). Infectious disease and economics: The case for considering multi-sectoral impacts. *One Health*, **7**, 100080.
- Smith, M. R., Micha, R., Golden, C. D., Mozaffarian, D., & Myers, S. S. (2016). Global Expanded Nutrient Supply (GENuS) Model: A new method for estimating the global dietary supply of nutrients. *PLoS ONE*, **11**(1), e0146976.
- Smith, N. J. (1976). Utilization of game along Brazil's transamazon highway. *Acta Amazonica*, **6**(4), 455–466.
- Smythe, N., & Brown de Guanti, O. (1995). *The domestication and husbandry of the paca (Agouti paca)* (FAO Conservation Guide No. 26), Rome: FAO.
- Soffer, O. (2000). Gravettian technologies in social contexts. In W. Roebroeks, M. Mussi, & J. Svoboda, eds., *Hunters of the Golden Age: The Mid Upper Palaeolithic of Eurasia*, Leiden: University of Leiden Press, 59–75.
- (2004). Recovering perishable technologies through use wear on tools: Preliminary Evidence for Upper Paleolithic weaving and net making. *Current Anthropology*, **45**(3), 407–413.
- Soma, T. (2012). Ethnoarchaeology of horse-riding falconry. In *The Asian Conference on the Social Sciences 2012: Official conference proceedings*, 167–182.

- Song, H.-D., Tu, C.-C., Zhang, G.-W., *et al.* (2005). Cross-host evolution of severe acute respiratory syndrome coronavirus in palm civet and human. *Proceedings of the National Academy of Sciences of the United States of America*, **102**(7), 2430–2435.
- Sonoda, H., Abe, M., Sugimoto, T., *et al.* (2004). Prevalence of hepatitis E virus (HEV) infection in wild boars and deer and genetic identification of a genotype 3 HEV from a boar in Japan. *Journal of Clinical Microbiology*, **42**(11), 5371–5374.
- Sosis, R. (2000). Costly signaling and torch fishing on Ifaluk atoll. *Evolution and Human Behavior*, **21**(4), 223–244.
- Species 360. (2020). Global information serving conservation. www.species360.org
- Spelman, L. H., Gilardi, K. V. K., Lukasik-Braun, M., *et al.* (2013). Respiratory disease in mountain gorillas (*Gorilla beringei beringei*) in Rwanda, 1990–2010: Outbreaks, clinical course, and medical management. *Journal of Zoo and Wildlife Medicine*, **44**(4), 1027–1035.
- Spengler, J. R., Ervin, E. D., Towner, J. S., Rollin, P. E., & Nichol, S. T. (2016). Perspectives on West Africa Ebola virus disease outbreak, 2013–2016. *Emerging Infectious Diseases*, **22**(6), 956–963.
- Speth, J. D. (2010). *The Paleoanthropology and Archaeology of Big-Game Hunting*, New York: Springer.
- Spira, C., Kirkby, A., Kujirakwinja, D., & Plumptre, A. J. (2019). The socio-economics of artisanal mining and bushmeat hunting around protected areas: Kahuzi–Biega National Park and Itombwe Nature Reserve, eastern Democratic Republic of Congo. *Oryx*, **53**(1), 136–144.
- Stafford, C. A., Preziosi, R. F., & Sellers, W. I. (2017a). A cross-site analysis of Neotropical bird hunting profiles. *Tropical Conservation Science*, **10**, 194008291773689.
- (2017b). A pan-neotropical analysis of hunting preferences. *Biodiversity and Conservation*, **26**(8), 1877–1897.
- Stanford, C. B. (2001). A comparison of social meat-foraging by Chimpanzees and Human foragers. In C. B. Stanford, & H. T. Bunn, eds., *Meat-Eating and Human Evolution*, Oxford: Oxford University Press, 101–121.
- Stanford, C. B., & Bunn, H. T. (2001). *Meat-Eating and Human Evolution*, Oxford University Press.
- Stanford, C. B., & Wrangham, R. W. (1998). *Chimpanzee and Red Colobus: The Ecology of Predator and Prey*, Cambridge, MA: Harvard University Press.
- Stanford, C. B. Iverson, J. B., Rhodin, A. G. J., *et al.* (2020). Turtles and tortoises are in trouble. *Current Biology*, **30**, R721–735.
- Starkey, M. P. (2004). Commerce and subsistence: The hunting, sale and consumption of bushmeat in Gabon (PhD thesis), University of Cambridge.
- Stearman, A. M., & Redford, K. H. (1995). Game management and cultural survival: The Yuquí Ethnodevelopment Project in lowland Bolivia. *Oryx*, **29**(1), 29–34.
- Steel, E. A. (1994). Study of the value and volume of bushmeat commerce in Gabon WWF and Gabon Ministry of Forests and Environment, Libreville.
- Steffen, W., Broadgate, W., Deutsch, L., Gaffney, O., & Ludwig, C. (2015a). The trajectory of the Anthropocene: The great acceleration. *The Anthropocene Review*, **2**(1), 81–98.

- Steffen, W., Richardson, K., Rockstrom, J., *et al.* (2015b). Planetary boundaries: Guiding human development on a changing planet. *Science*, **347**(6223), 736.
- Steger, C., Butt, B., & Hooten, M. B. (2017). Safari science: Assessing the reliability of citizen science data for wildlife surveys. *Journal of Applied Ecology*, **54**(6), 2053–2062.
- Stehli, F. G., Douglas, R. G., & Newell, N. D. (1969). Generation and maintenance of gradients in taxonomic diversity. *Science*, **164**(3882), 947–949.
- Stelfox, J. G., Peden, D. G., Epp, H., *et al.* (1986). Herbivore dynamics in southern Narok, Kenya. *The Journal of Wildlife Management*, 339–347.
- Stephens, D. W., & Krebs, J. R. (1986). *Foraging Theory*, Princeton, NJ: Princeton University Press.
- Stevens, S. (2014). *Indigenous Peoples, National Parks, and Protected Areas: A New Paradigm Linking Conservation, Culture, and Rights*, Tucson: University of Arizona Press.
- Stiner, M. C. (1994). *Honor Among Thieves a Zooarchaeological Study of Neandertal Ecology*, Princeton, NJ: Princeton University Press.
- Stoffle, R. W. (2005). Reviewed works: *Places That Count: Traditional Cultural Properties in Cultural Resource Management* by Thomas F. King; *Tribal Cultural Resource Management: The Full Circle to Stewardship* by Darby C. Stapp, Michael S. Burney. *American Anthropologist*, **107**(1), 138–140.
- Storm, N., Jansen Van Vuren, P., Markotter, W., & Paweska, J. (2018). Antibody responses to Marburg virus in Egyptian rousette bats and their role in protection against infection. *Viruses*, **10**(2), 73.
- Ströhle, A., & Hahn, A. (2011). Diets of modern hunter-gatherers vary substantially in their carbohydrate content depending on ecoenvironments: Results from an ethnographic analysis. *Nutrition Research*, **31**(6), 429–435.
- Struebig, M. J., Harrison, M. E., Cheyne, S. M., & Limin, S. H. (2007). Intensive hunting of large flying foxes *Pteropus vampyrus natunae* in Central Kalimantan, Indonesian Borneo. *Oryx*, **41**(3), 390–393.
- Struhsaker, T. T. (1975). *The Red Colobus Monkey*, Chicago, IL: University of Chicago Press.
- (1997). *Ecology of an African Rain Forest: Logging in Kibale and the Conflict between Conservation and Exploitation.*, Gainesville: University Press of Florida.
- Struhsaker, T. T., Lwanga, J. S., & Kasenene, J. M. (1996). Elephants, selective logging and forest regeneration in the Kibale Forest, Uganda. *Journal of Tropical Ecology*, **12**(1), 45–64.
- Suárez, E., Morales, M., Cueva, R., *et al.* (2009). Oil industry, wild meat trade and roads: Indirect effects of oil extraction activities in a protected area in north-eastern Ecuador. *Animal Conservation*, **12**(4), 364–373.
- Subramanian, M. (2012). Zoonotic disease risk and the bushmeat trade: Assessing awareness among hunters and traders in Sierra Leone. *EcoHealth*, **9**(4), 471–482.
- Surovell, T. A., Pelton, S. R., Anderson-Sprecher, R., & Myers, A. D. (2016). Test of Martin's overkill hypothesis using radiocarbon dates on extinct megafauna. *Proceedings of the National Academy of Sciences of the United States of America*, **113**(4), 886–891.

- Surovell, T., Waguespack, N., & Brantingham, P. J. (2005). Global archaeological evidence for proboscidean overkill. *Proceedings of the National Academy of Sciences of the United States of America*, **102**(17), 6231–6236.
- Sutherland, W. J. (2001). Sustainable exploitation: A review of principles and methods. *Wildlife Biology*, **7**(1), 131–140.
- Suzán, G., Marcé, E., Giermakowski, J. T., *et al.* (2009). Experimental evidence for reduced rodent diversity causing increased Hantavirus prevalence. *PLoS ONE*, **4**(5), e5461.
- Swanepoel, R., Smit, S. B., Rollin, P. E., *et al.* (2007). Studies of reservoir hosts for Marburg virus. *Emerging Infectious Diseases*, **13**(12), 1847–1851.
- Switzer, W. M., Bhullar, V., Shanmugam, V., *et al.* (2004). Frequent simian foamy virus infection in persons occupationally exposed to nonhuman primates. *Journal of Virology*, **78**(6), 2780–2789.
- Switzer, W. M., Salemi, M., Shanmugam, V., *et al.* (2005). Ancient co-speciation of simian foamy viruses and primates. *Nature*, **434**(7031), 376–380.
- SWM Sustainable Wildlife Management Programme. (2020). White paper: Building back better in a Post-COVID world – reducing future wildlife-borne spill-over of disease to humans, Sustainable Wildlife Management Programme (SWM), FAO.
- (2020). Policy Brief - Build Back Better in a post COVID-19 world: Reducing future wildlife-borne spillover of disease to humans, FAO, CIRAD, CIFOR and WCS. www.fao.org/documents/card/en/c/cb1490en
- Tagg, N., Maddison, N., Dupain, J., *et al.* (2018). A zoo-led study of the great ape bushmeat commodity chain in Cameroon. *International Zoo Yearbook*, **52**(1), 182–193.
- Tallavaara, M., Eronen, J. T., & Luoto, M. (2018). Productivity, biodiversity, and pathogens influence the global hunter-gatherer population density. *Proceedings of the National Academy of Sciences of the United States of America*, **115**(6), 1232–1237.
- Tärnvik, A., Sandström, G., & Sjöstedt, A. (1996). Epidemiological analysis of tularemia in Sweden 1931–1993. *FEMS Immunology & Medical Microbiology*, **13**(3), 201–204.
- Taylor, G., Scharlemann, J. P. W., Rowcliffe, M., *et al.* (2015). Synthesising bushmeat research effort in West and Central Africa: A new regional database. *Biological Conservation*, **181**, 199–205.
- Taylor, L. H., Latham, S. M., & Woolhouse, M. E. J. (2001). Risk factors for human disease emergence. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **356**, 983–989.
- TEAM Network. (2011). *Terrestrial vertebrate protocol implementation manual, v. 3.1.*, Tropical Ecology, Assessment and Monitoring Network, Conservation International. https://figshare.com/articles/TEAM_TV_protocol/9730562
- Tensen, L. (2016). Under what circumstances can wildlife farming benefit species conservation? *Global Ecology and Conservation*, **6**, 286–298.
- ter Meulen, J., Lukashevich, I., Sidibe, K., *et al.* (1996). Hunting of peridomestic rodents and consumption of their meat as possible risk factors for rodent-to-

- human transmission of Lassa virus in the Republic of Guinea. *The American Journal of Tropical Medicine and Hygiene*, **55**(6), 661–666.
- Terashima, H. (1983). Mota and other hunting activities of the Mbuti archers: A socio-ecological study of subsistence technology. *African Study Monographs*, **3**, 71–85.
- Terborgh, J. (1999). *Requiem for Nature*, Washington DC: Island Press.
- (2000). The fate of tropical forests: A matter of stewardship. *Conservation Biology*, **14**(5), 1358–1361.
- Terborgh, J., & Estes, J. A. (eds) (2010). *Trophic Cascades: Predators, Prey and the Changing Dynamics of Nature*. Washington, DC: Island Press.
- Terborgh, J., Pitman, N., Silman, M., Schlichter, H., & Núñez, V. P. (2002). Maintenance of tree diversity in tropical forests. In D. J. Levey, W. R. Silva, & M. Galetti, eds., *Seed Dispersal and Frugivory: Ecology, Evolution and Conservation*, Wallingford: CABI Publishing, 1–17.
- Terborgh, J., & Van Schaik, C. P. (1987). Convergence vs. nonconvergence in primate communities. In J. H. R. Gee, & P. S. Giller, eds., *Organization of Communities: Past and Present*, Oxford: Blackwell Scientific, 205–226.
- Tessmann, G. (1913a). *Erster Band. Die Pangwe: Völkerkundliche Monographie eines westafrikanischen Negerstammes; Ergebnisse der Lübecker Pangwe-Expedition 1907 – 1909 und früherer Forschungen 1904– 1907*, Vol. 1, Berlin: Ernst Wasmuth A.-G.
- (1913b). *Zweiter Band. Die Pangwe: Völkerkundliche Monographie eines westafrikanischen Negerstammes; Ergebnisse der Lübecker Pangwe-Expedition 1907 – 1909 und früherer Forschungen 1904 – 1907*, Vol. 2, Berlin: Ernst Wasmuth A.-G.
- Teye, M., Fuseini, A., & Odoi, F. N. A. (2020). Consumer acceptance, carcass and sensory characteristics of meats of farmed and wild cane rats (*Thryonomys swinderianus*). *Scientific African*, **8**, e00461.
- The Lancet. (2016). Indigenous health: A worldwide focus. *The Lancet*, **388**(10040), 104.
- The World Bank. (2020, October 1). Indigenous peoples. www.worldbank.org/en/topic/indigenouspeoples
- Thibault, M., & Blaney, S. (2003). The oil industry as an underlying factor in the bushmeat crisis in Central Africa. *Conservation Biology*, **17**(6), 1807–1813.
- Thieme, H. (1997). Lower Palaeolithic hunting spears from Germany. *Nature*, **385**(6619), 807–810.
- Thoisly, B. de, Richard-Hansen, C., & Peres, C. A. (2009). Impacts of subsistence game hunting on Amazonian primates. In P. A. Garber, A. Estrada, J. C. Bicca-Marques, E. W. Heymann, & K. B. Strier, eds., *South American Primates*, New York: Springer New York, 389–412.
- Thomas, S. C. (1991). Population densities and patterns of habitat use among anthropoid primates of the Ituri Forest, Zaire. *Biotropica*, **23**(1), 68–83.
- Thornton, P. K., Kruska, R. L., Henninger, N., et al. (2002). *Mapping Poverty and Livestock in the Developing World*, Nairobi: International Livestock Research Institute.
- Tivy, J., & O'Hare, G. (1981). *Human Impact on the Ecosystem*, Edinburgh: Oliver & Boyd.
- Toledo, L. F., Asmussen, M. V., & Rodríguez, J. P. (2012). Track illegal trade in wildlife. *Nature*, **483**(7387), 36–36.

- Townsend, H., Harvey, C. J., deReynier, Y., *et al.* (2019). Progress on implementing ecosystem-based fisheries management in the United States through the use of ecosystem models and analysis. *Frontiers in Marine Science*, **6**, 641.
- Townsend, W. R. (2000). The sustainability of subsistence hunting by the Siriono Indians of Bolivia. In J. G. Robinson, & E. L. Bennett, eds., *Hunting for Sustainability in Tropical Forest*, New York: Columbia University Press, 267–281.
- Trail, P. W. (2007). African hornbills: Keystone species threatened by habitat loss, hunting and international trade. *Ostrich*, **78**(3), 609–613.
- Tranquilli, S., Abedi-Lartey, M., Abernethy, K., *et al.* (2014). Protected areas in Tropical Africa: Assessing threats and conservation activities. *PLoS ONE*, **9**(12), e114154.
- Trefon, T., & de Maret, P. (1999). Snack nature dans les villes d'Afrique Centrale. In S. Bahuchet, D. Bley, H. Pagezy, & N. Vernazza-Licht, eds., *L'homme et la forêt tropicale*, Châteauneuf: Editions de Bergier.
- Trewartha, G. T. (1968). *An Introduction to Climate*, New York: McGraw-Hill.
- Tu, C., Crameri, G., Kong, X., *et al.* (2004). Antibodies to SARS Coronavirus in civets. *Emerging Infectious Diseases*, **10**(12), 2244–2248.
- Tuck-Po, L. (2000). Forest, Bateks, and degradation: Environmental representations in a changing world. *Southeast Asian Studies*, **38**(2), 165–184.
- Tumusiime, D. M., Eilu, G., Tweheyo, M., & Babweteera, F. (2010). Wildlife snaring in Budongo Forest Reserve, Uganda. *Human Dimensions of Wildlife*, **15**(2), 129–144.
- Turnbull, C. M. (2018). Society and sociality: An expanding universe. In B. M. Du Toit, ed., *Ethnicity in Modern Africa*, New York: Routledge, 91–104.
- Turvey, S. T., & Fritz, S. A. (2011). The ghosts of mammals past: Biological and geographical patterns of global mammalian extinction across the Holocene. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **366**(1577), 2564–2576.
- Tutin, C. E., & Fernandez, M. (1993). Relationships between minimum temperature and fruit production in some tropical forest trees in Gabon. *Journal of Tropical Ecology*, **9**(2), 241–248.
- Tutin, C. E. G., White, L. J. T., & Mackanga-Missandzou, A. (1997). The use by rain forest mammals of natural forest fragments in an equatorial African savanna: Utilización de Fragmentos de Bosque Natural por Mamíferos de Selva Lluviosa en una Sabana Ecuatorial Africana. *Conservation Biology*, **11**(5), 1190–1203.
- Twinamatsiko, M., Baker, J., Harrison, M., *et al.* (2014). *Understanding profiles and motivations of resource users and local perceptions of governance at Bwindi Impenetrable National Park, Uganda* (IIED Research Report), London: International Institute for Environment and Development.
- UNAIDS. (2020). Global HIV & AIDS statistics — 2020 fact sheet. www.unaids.org/en/resources/fact-sheet
- UNEP & International Livestock Research Institute. (2020). *Preventing the Next Pandemic- Zoonotic diseases and How to Break the Chain of Transmission*, Nairobi: UNEP.
- United Nations. (1948). Universal Declaration of Human Rights. www.ohchr.org/en/udhr/documents/udhr_translations/eng.pdf

- (2007). United Nations Declaration on the Rights of Indigenous Peoples. www.un.org/development/desa/indigenouspeoples/wp-content/uploads/sites/19/2018/11/UNDRIP_E_web.pdf
- (2014). A world of cities. Population Facts No. 2014/2, United Nations Department of Economics and Social Affairs, Population Division. www.un.org/en/development/desa/population/publications/pdf/popfacts/PopFacts_2014-2.pdf
- UNODC. (2016). *World Wildlife Crime Report 2016: Trafficking in Protected Species*, United Nations Office on Drugs and Crime (UNODC).
- Urlacher, S. S., Blackwell, A. D., Liebert, M. A., et al. (2016). Physical growth of the Shuar: Height, weight, and BMI references for an indigenous Amazonian population. *American Journal of Human Biology*, **28**(1), 16–30.
- Vallejos, P. Q., & Veit, P. (2020, October 7). Mining Threatens 20% of Indigenous Lands in the Amazon. www.wri.org/blog/2020/10/amazon-indigenous-land-mining
- Van der Hoek, L. (2007). Human coronaviruses: What do they cause? *Antiviral Therapy*, **12**(4 B), 651–658.
- Van Heuverswyn, F., & Peeters, M. (2007). The origins of HIV and implications for the global epidemic. *Current Infectious Disease Reports*, **9**(4), 338–346.
- Van Schaik, C. P., Terborgh, J. W., & Wright, S. J. (1993). The phenology of tropical forests: Adaptive significance and consequences for primary consumers. *Annual Review of Ecology and Systematics*, **24**(1), 353–377.
- Van Swaay, C., Cuttelod, A., Collins, S., et al. (eds.). (2010). *European Red List of Butterflies*, Luxembourg: Publications Office of the European Union.
- Van Thiel, P.-P. A. M., de Bie, R. M. A., Eftimov, F., et al. (2009). Fatal human rabies due to Duvenhage virus from a bat in Kenya: Failure of treatment with coma-induction, ketamine, and antiviral drugs. *PLoS Neglected Tropical Diseases*, **3**(7), e428.
- Van Valkenburgh, B. (2001). The dog-eat-dog world of carnivores. A review of past and present carnivore community dynamics. In C. B. Stanford, & H. T. Bunn, eds., *Meat-Eating and Human Evolution*, Oxford: Oxford University Press, 101–121.
- Van Vliet, N. (2018). ‘Bushmeat Crisis’ and ‘Cultural Imperialism’ in wildlife management? Taking value orientations into account for a more sustainable and culturally acceptable wildmeat sector. *Frontiers in Ecology and Evolution*, **6**, 112.
- Van Vliet, J. E. F. Schulte-Herbrüggen, N. B., Muhindo, J., Nebesse, C. Gambalemoke, S. and Nasi, R. (2017). Trends in bushmeat trade in a post-conflict forest town: Implications for food security. *Ecology and Society*, **22**(4), 35, <https://doi.org/10.5751/ES-09780-220435>
- Van Vliet, N., Antunes, A. P., Constantino, P. de A. L., Gómez, J., Santos-Fita, D., & Sartoretto, E. (2019). Frameworks regulating hunting for meat in tropical countries leave the sector in the limbo. *Frontiers in Ecology and Evolution*, **7**, 280.
- Van Vliet, N., Cruz, D., Quiceno-Mesa, M. P., et al. (2015a). Ride, shoot, and call: Wildlife use among contemporary urban hunters in Três Fronteiras, Brazilian Amazon. *Ecology and Society*, **20**(3), 8. <http://dx.doi.org/10.5751/ES-07506-200308>

- Van Vliet, N., Fa, J., & Nasi, R. (2015b). Managing hunting under uncertainty: From one-off ecological indicators to resilience approaches in assessing the sustainability of bushmeat hunting. *Ecology and Society*, **20**(3), 7. <http://dx.doi.org/10.5751/ES-07669-200307>
- Van Vliet, N., Gomez, J., Quiceno-Mesa, M. P., *et al.* (2015). Sustainable wildlife management and legal commercial use of bushmeat in Colombia: The resource remains at the cross-road. *International Forestry Review*, **17**(4), 438–447.
- Van Vliet, N., Kaniowska, E., Bourgarel, M., Fargeot, C., & Nasi, R. (2009). Answering the call! Adapting a traditional hunting practice to monitor duiker populations. *African Journal of Ecology*, **47**(3), 393–399.
- Van Vliet, N., Mesa, M. P. Q., Cruz-Antia, D., de Aquino, L. J. N., Moreno, J., & Nasi, R. (2014). The uncovered volumes of bushmeat commercialized in the Amazonian trifrontier between Colombia, Peru & Brazil. *Ethnobiology and Conservation*, **3**, 7.
- Van Vliet, N., Milner-Gulland, E. J., Bousquet, F., Saqalli, M., & Nasi, R. (2010a). Effect of small-scale heterogeneity of prey and hunter distributions on the sustainability of bushmeat hunting: Heterogeneity of prey and hunter distributions. *Conservation Biology*, **24**(5), 1327–1337.
- Van Vliet, N., Moreno, J., Gómez, J., *et al.* (2017). Bushmeat and human health: Assessing the Evidence in tropical and sub-tropical forests. *Ethnobiology and Conservation*, **6**(3), 1–45.
- Van Vliet, N., Muhindo, J., Kambale Nyumu, J., Mushagalusa, O., & Nasi, R. (2018). Mammal depletion processes as evidenced from spatially explicit and temporal local ecological knowledge. *Tropical Conservation Science*, **11**, 194008291879949.
- Van Vliet, N., & Nasi, R. (2008a). Hunting for livelihood in Northeast Gabon: Patterns, evolution, and sustainability. *Ecology and Society*, **13**(2), 33. www.ecologyandsociety.org/vol13/iss2/art33/
- (2008b). Why do models fail to assess properly the sustainability of duiker (*Cephalophus* spp.) hunting in Central Africa? *Oryx*, **42**(3), 392–399
- (2018). What do we know about the life-history traits of widely hunted tropical mammals? *Oryx*, **53**(4), 670–676.
- Van Vliet, N., Nebesse, C., Gambalemoke, S., Akaibe, D., & Nasi, R. (2012). The bushmeat market in Kisangani, Democratic Republic of Congo: Implications for conservation and food security. *Oryx*, **46**(2), 196–203.
- Van Vliet, N., Nebesse, C., & Nasi, R. (2010b). The dynamics of bushmeat trade in the market of Kisangani. Presented at the XXIII IUFRO Congress, Seoul, South Korea, 23–28.
- Van Vliet, N., Quiceno, M., Moreno, J., Cruz, D., Fa, J. E., & Nasi, R. (2017). Is urban bushmeat trade in Colombia really insignificant? *Oryx*, **51**(2), 305–314.
- Van Vliet, N., Quiceno, M. P., Cruz, D., *et al.* (2015c). Bushmeat networks link the forest to urban areas in the trifrontier region between Brazil, Colombia, and Peru. *Ecology and Society*, **20**(3), 21. <http://dx.doi.org/10.5751/ES-07782-200321>
- Vanthomme, H., Bellé, B., & Forget, P.-M. (2010). Bushmeat hunting alters recruitment of large-seeded plant species in Central Africa: Hunting and Central African forest regeneration. *Biotropica*, **42**(6), 672–679.

- Vargas-Tovar, N. (2012). Carne de monte y seguridad alimentaria: Consumo, valor nutricional, relaciones sociales y bienestar humano en Colombia. In S. Restrepo, ed., *Carne de Monte y Seguridad Alimentaria: Bases Técnicas para una Gestión Integral en Colombia*. Colombia: Instituto de Investigación de Recursos Biológicos Alexander von Humboldt, 64–87.
- Velho, N., & Laurance, W. F. (2013). Hunting practices of an Indo-Tibetan Buddhist tribe in Arunachal Pradesh, north-east India. *Oryx*, **47**(3), 389–392.
- Verdu, P., Austerlitz, F., Estoup, A., *et al.* (2009). Origins and genetic diversity of Pygmy hunter-gatherers from Western Central Africa. *Current Biology*, **19**(4), 312–318.
- Vermeulen, C., Julve, C., Doucet, J.-L., & Monticelli, D. (2009). Community hunting in logging concessions: Towards a management model for Cameroon's dense forests. *Biodiversity and Conservation*, **18**(10), 2705–2718.
- Vickers, W. T. (1980). An analysis of Amazonian hunting yields as a function of settlement age. In W. T. Vickers, & K. M. Kensinger, eds., *Working Papers on South American Indians*, Bermington College, Vermont, 7–29.
- (1984). The faunal components of lowland South American hunting kills. *Interciencia*, **9**, 366–376.
- (1994). From opportunism to nascent conservation: The case of the Siona-Secoya. *Human Nature*, **5**(4), 307–337.
- Villén-Pérez, S., Moutinho, P., Nóbrega, C. C., & De Marco, P. (2020). Brazilian Amazon gold: Indigenous land rights under risk. *Elementa: Science of the Anthropocene*, **8**, 31. <https://online.ucpress.edu/elementa/article/doi/10.1525/elementa.427/114461/Brazilian-Amazon-gold-indigenous-land-rights-under>
- Visconti, P., Bakkenes, M., Baisero, D., *et al.* (2016). Projecting global biodiversity indicators under future development scenarios: Projecting biodiversity indicators. *Conservation Letters*, **9**(1), 5–13.
- Volpato, G., Fontefrancesco, M. F., Gruppuso, P., Zocchi, D. M., & Pieroni, A. (2020). Baby pangolins on my plate: Possible lessons to learn from the COVID-19 pandemic. *Journal of Ethnobiology and Ethnomedicine*, **16**(1), art. 19.
- von Carlowitz, H. C. (1713). *Sylvicultura Oeconomica oder haußwirthliche Nachricht und naturmäßige Anweisung zur Wilden Baum-Zucht*. Leipzig: Braun.
- Voss, R. S., & Emmons, L. H. (1996). Mammalian diversity in Neotropical lowland rainforests: A preliminary assessment. *Bulletin of the American Museum of Natural History*, **230**, 3–115.
- Wade, P. R. (1998). Calculating limits to the allowable human-caused mortality of cetaceans and pinnipeds. *Marine Mammal Science*, **14**(1), 1–37.
- Wadley, L. (2010). Were snares and traps used in the Middle Stone Age and does it matter? A review and a case study from Sibudu, South Africa. *Journal of Human Evolution*, **58**(2), 179–192.
- Wadley, L., & Mohapi, M. (2008). A segment is not a monolith: Evidence from the Howiesons Poort of Sibudu, South Africa. *Journal of Archaeological Science*, **35**(9), 2594–2605.
- Walker, A., & Shipman, P. (1996). *The Wisdom of Bones: In Search of Human Origins*, New York: Alfred A Knopf.

- Walker, B., Carpenter, S., Anderies, J., *et al.* (2002). Resilience management in social-ecological systems: A working hypothesis for a participatory approach. *Conservation Ecology*, **6**(1), 14.
- Walsh, P. D., Abernethy, K. A., Bermejo, M., *et al.* (2003). Catastrophic ape decline in western equatorial Africa. *Nature*, **422**(6932), 611–614.
- Walters, G., Schleicher, J., Hymas, O., & Coad, L. (2015). Evolving hunting practices in Gabon: Lessons for community-based conservation interventions. *Ecology and Society*, **20**(4), 31. <http://dx.doi.org/10.5751/ES-08047-200431>
- Walz, E., Wilson, D., Stauffer, J. C., *et al.* (2017). Incentives for bushmeat consumption and importation among West African Immigrants, Minnesota, USA. *Emerging Infectious Diseases*, **23**(12), 2095–2097.
- Wang, T., Feng, L., Yang, H., *et al.* (2017). A science-based approach to guide Amur leopard recovery in China. *Biological Conservation*, **210** (2017), 47–55.
- Ward, D. (1992). The role of satisficing in foraging theory. *Oikos*, **63**(2), 312–317.
- (1993). Foraging theory, like all other fields of science, needs multiple working hypotheses. *Oikos*, **67**(2), 376–378.
- Waterman, P. G., & McKey, D. (1989). Herbivory and secondary compounds in rain-forest plants. *Ecosystems of the World*, **14**, 513–536.
- Waterman, P. G., Ross, J. A., Bennett, E. L., & Davies, A. G. (1988). A comparison of the floristics and leaf chemistry of the tree flora in two Malaysian rain forests and the influence of leaf chemistry on populations of colobine monkeys in the Old World. *Biological Journal of the Linnean Society*, **34**(1), 1–32.
- Watson, J. E. M., Shanahan, D. F., Di Marco, M., *et al.* (2016). Catastrophic declines in wilderness areas undermine global environment targets. *Current Biology*, **26**(21), 2929–2934.
- Watts, D. P. (2008). Scavenging by chimpanzees at Ngogo and the relevance of chimpanzee scavenging to early hominin behavioral ecology. *Journal of Human Evolution*, **54**(1), 125–133.
- WCS (Wildlife Conservation Society). (2020). WCS Statement and Analysis on the Chinese Government's Decision Prohibiting Some Trade and Consumption of Wild Animals. New York: WCS. <https://newsroom.wcs.org/News-Releases/articleType/ArticleView/articleId/13855/WCS-Statement-and-Analysis-On-the-Chinese-Governments-Decision-Prohibiting-Some-Trade-and-Consumption-of-Wild-Animals.aspx>
- Wearn, O. R., Reuman, D. C., & Ewers, R. M. (2012). Extinction debt and windows of conservation opportunity in the Brazilian Amazon. *Science*, **337**(6091), 228–232.
- Weinbaum, K. Z., Brashares, J. S., Golden, C. D., & Getz, W. M. (2013). Searching for sustainability: Are assessments of wildlife harvests behind the times? *Ecology Letters*, **16**(1), 99–111.
- Weiss, R. A. (2001). Animal origins of human infectious disease (The Leeuwenhoek Lecture 2001). *Philosophical Transactions of the Royal Society B: Biological Sciences*, **356**(1410), 957–977.
- (2003). HIV and AIDS in relation to other pandemics: Among the viruses plaguing humans, HIV is a recent acquisition. Its outstanding success as an infection poses immense scientific challenges to human health and raises the question 'What comes next?' *EMBO Reports*, **4**(S1), S10–S14.

- Weiss, S., Nowak, K., Fahr, J., *et al.* (2012). Henipavirus-related sequences in fruit bat bushmeat, Republic of Congo. *Emerging Infectious Diseases*, **18**(9), 1535–1536.
- Welch, J. R. (2014). Xavante ritual hunting: Anthropogenic fire, reciprocity, and collective landscape management in the Brazilian cerrado. *Human Ecology*, **42**(1), 47–59.
- Wells, M. P., & McShane, T. O. (2004). Integrating protected area management with local needs and aspirations. *AMBIO: A Journal of the Human Environment*, **33**(8), 513–519.
- Wemmer, C., & Sunquist, M. (2005). John Frederick Eisenberg: 1935–2003. *Journal of Mammalogy*, **86**, 429–437.
- Wenzel, G. W. (2019). Canadian Inuit subsistence: Antinomies of the mixed economy. *Hunter Gatherer Research*, **3**(4), 567–581.
- Western, D. (1989). The ecological value of elephants: A keystone role in African ecosystems. In S. Cobb, ed., *The Ivory Trade and the Future of the African Elephant*, Vol. 2, Gland: IUCN.
- White, L. J. (1994). Biomass of rain forest mammals in the Lopé Reserve, Gabon. *Journal of Animal Ecology*, **63**, 499–512.
- Whitman, K., Starfield, A. M., Quadling, H. S., & Packer, C. (2004). Sustainable trophy hunting of African lions. *Nature*, **428**(6979), 175–178.
- Whittington, S. L., & Dyke, B. (1984). Simulating overkill: Experiments with the Mosimann and Martin Model. In P. S. Martin, & R. G. Klein, eds., *Quaternary Extinctions: A Prehistoric Revolution*, Tucson: University of Arizona Press, 451–465.
- WHO. (2003). Outbreak news: Severe acute respiratory syndrome (SARS). *Weekly Epidemiological Record*, **78**(12), 81–83.
- (2004a). Human plague in 2002 and 2003. *Weekly Epidemiological Record*, **79**(301), 6.
- (2004b). Report of the WHO/FAO/OIE joint consultation on emerging zoonotic diseases, World Health Organization.
- (2016a). Ebola outbreak. www.who.int/csr/disease/ebola/en/
- (2016b). Ebola Situation Report - 30 March 2016, WHO. <https://apps.who.int/ebola/current-situation/ebola-situation-report-30-march-2016>
- (2020). WHO-convened Global Study of the Origins of SARS-CoV-2. www.who.int/publications/m/item/who-convened-global-study-of-the-origins-of-sars-cov-2
- Whytock, R. C., Buij, R., Virani, M. Z., & Morgan, B. J. (2016). Do large birds experience previously undetected levels of hunting pressure in the forests of Central and West Africa? *Oryx*, **50**(1), 76–83.
- Wicander, S., & Coad, L. (2018). Can the provision of alternative livelihoods reduce the impact of wild meat hunting in West and Central Africa? *Conservation and Society*, **16**(4), 441.
- Wielinga, P. R., & Schlundt, J. (2013). Food safety: At the center of a One Health approach for combating zoonoses. In J. S. Mackenzie, M. Jeggo, P. Daszak, & J. A. Richt, eds., *One Health: The Human-Animal-Environment Interfaces in Emerging Infectious Diseases*, Heidelberg: Springer, 3–18.
- Wiessner, P. W., Wiessner, P., & Schiefenhövel, W. (1996). *Food and the Status Quest: An Interdisciplinary Perspective*, Providence: Berghahn Books.

- Wilcove, D. S., Giam, X., Edwards, D. P., Fisher, B., & Koh, L. P. (2013). Navjot's nightmare revisited: Logging, agriculture, and biodiversity in Southeast Asia. *Trends in Ecology & Evolution*, **28**(9), 531–540.
- Wilcox, B. A., & Ellis, B. (2006). Forests and emerging infectious diseases of humans. *Unasylva*, **57**(2), 11–18.
- Wilkie, D. (2006). Bushmeat: A disease risk worth taking to put food on the table? *Animal Conservation*, **9**(4), 370–371.
- Wilkie, D. S. (1987). Impact of swidden agriculture and subsistence hunting on diversity and abundance of exploited fauna in the Ituri Forest of Northeastern Zaire. (PhD dissertation), University of Massachusetts.
- (1989). Impact of roadside agriculture on subsistence hunting in the Ituri forest of northeastern Zaire. *American Journal of Physical Anthropology*, **78**(4), 485–494.
- Wilkie, D. S., & Carpenter, J. F. (1999). Bushmeat hunting in the Congo Basin: An assessment of impacts and options for mitigation. *Biodiversity and Conservation*, **8**, 927–955.
- Wilkie, D. S., & Godoy, R. A. (2001). Income and price elasticities of bushmeat demand in Lowland Amerindian Societies. *Conservation Biology*, **15**(3), 761–769.
- Wilkie, D. S., Starkey, M., Abernethy, K., Effa, E. N., Telfer, P., & Godoy, R. (2005). Role of prices and wealth in consumer demand for bushmeat in Gabon, Central Africa. *Conservation Biology*, **19**(1), 268–274.
- Wilkie, D. S., Wieland, M., Boulet, H., *et al.* (2016). Eating and conserving bushmeat in Africa. *African Journal of Ecology*, **54**(4), 402–414.
- Wilkie, D., Shaw, E., Rotberg, F., Morelli, G., & Auzel, P. (2000). Roads, development, and conservation in the Congo Basin. *Conservation Biology*, **14**(6), 9.
- Wilkinson, N. M. (2016). Conserving the unknown: Decision-making for the Critically Endangered saola *Pseudoryx nghetinhensis* in Vietnam (PhD thesis), Department of Geography, University of Cambridge.
- Willcox, A. S., & Nambu, D. M. (2007). Wildlife hunting practices and bushmeat dynamics of the Banyangi and Mbo people of Southwestern Cameroon. *Biological Conservation*, **134**(2), 251–261.
- Willig, M. R., Kaufman, D. M., & Stevens, R. D. (2003). Latitudinal gradients of biodiversity: Pattern, process, scale, and synthesis. *Annual Review of Ecology, Evolution, and Systematics*, **34**(1), 273–309.
- Willig, M. R., Presley, S. J., Plante, J.-L., *et al.* (2019). Guild-level responses of bats to habitat conversion in a lowland Amazonian rainforest: Species composition and biodiversity. *Journal of Mammalogy*, **100**(1), 223–238.
- Wilmers, C. C., Estes, J. A., Edwards, M., Laidre, K. L., & Konar, B. (2012). Do trophic cascades affect the storage and flux of atmospheric carbon? An analysis of sea otters and kelp forests. *Frontiers in Ecology and the Environment*, **10**(8), 409–415.
- Winterhalder, B. (1981). Foraging strategies in the boreal forest: An analysis of Cree hunting and gathering. In B. Winterhalder, & E. Alden Smith, eds., *Hunter-Gatherer Foraging Strategies: Ethnographic and Archeological Analyses*, Chicago, IL: University of Chicago Press, 66–98.

- (1986a). Diet choice, risk, and food sharing in a stochastic environment. *Journal of Anthropological Archaeology*, **5**(4), 369–392.
- (1986b). Optimal foraging: Simulation studies of diet choice in a stochastic environment. *Journal of Ethnobiology*, **6**(1), 205–223.
- Wojtal, P., & Wilczyński, J. (2015). Hunters of the giants: Woolly mammoth hunting during the Gravettian in Central Europe. *Quaternary International*, **379**, 71–81.
- Wolfe, N. D., Daszak, P., Kilpatrick, A. M., & Burke, D. S. (2005a). Bushmeat hunting, deforestation, and prediction of zoonotic disease emergence. *Emerging Infectious Diseases*, **11**(12), 1822–1827.
- Wolfe, N. D., Escalante, A. A., Karesh, W. B., Kilbourn, A., Spielman, A., & Lal, A. A. (1998). Wild primate populations in emerging infectious disease research: The missing link? *Emerging Infectious Diseases*, **4**(2), 149–158.
- Wolfe, N. D., Heneine, W., Carr, J. K., et al. (2005b). Emergence of unique primate T-lymphotropic viruses among central African bushmeat hunters. *Proceedings of the National Academy of Sciences of the United States of America*, **102**(22), 7994–7999.
- Wolfe, N. D., Switzer, W. M., Carr, J. K., et al. (2004). Naturally acquired simian retrovirus infections in central African hunters. *The Lancet*, **363**(9413), 932–937.
- Wood, C. L., & Lafferty, K. D. (2013). Biodiversity and disease: A synthesis of ecological perspectives on Lyme disease transmission. *Trends in Ecology & Evolution*, **28**(4), 239–247.
- Woodburn, J. (1980). Hunters and gatherers today and reconstruction of the past. In E. Gellner, ed., *Soviet and Western Anthropology*, London: Duckworth.
- (1998). Sharing is not a form of exchange: An analysis of property-sharing in immediate-return hunter-gatherer societies. In C. M. Hann, ed., *Property Relations: Renewing the Anthropological Tradition*, Cambridge: Cambridge University Press, 48–63.
- Woolhouse, M. E. J. (2002). Population biology of emerging and re-emerging pathogens. *Trends in Microbiology*, **10**(10), s3–s7.
- Woolhouse, M. E. J., & Dye, C. (2001). Population biology of emerging and re-emerging pathogens. Preface. *Philosophical Transactions: Biological Sciences*, **356**(1411), 981–982.
- World Bank. (2016). 2014–2015 West Africa Ebola Crisis: Impact Update. www.worldbank.org/en/topic/macroeconomics/publication/2014-2015-west-africa-ebola-crisis-impact-update
- Worobey, M., Gemmel, M., Teuwen, D. E., et al. (2008). Direct evidence of extensive diversity of HIV-1 in Kinshasa by 1960. *Nature*, **455**(7213), 661–664.
- Worobey, M., Levy, J. I., Serrano, L. M. M. (2022). The Huanan market was the epicenter of SARS-CoV-2 emergence. *Zenodo*, <https://doi.org/10.5281/zenodo.6299115>
- Wright, J. H., & Priston, N. E. C. (2010). Hunting and trapping in Lebiale Division, Cameroon: Bushmeat harvesting practices and human reliance. *Endangered Species Research*, **11**, 1–12.
- Wright, S. J., & Muller-Landau, H. C. (2006). The future of tropical forest species. *Biotropica*, **38**(3), 287–301.

- Wright, S. J., Stoner, K. E., Beckman, N., *et al.* (2007). The plight of large animals in tropical forests and the consequences for plant regeneration. *Biotropica*, **39**(3), 289–291.
- Wright, S. J., Zeballos, H., Domínguez, I., Gallardo, M. M., Moreno, M. C., & Ibáñez, R. (2000). Poachers alter mammal abundance, seed dispersal, and seed predation in a Neotropical forest. *Conservation Biology*, **14**(1), 227–239.
- Wroe, S., & Field, J. (2006). A review of the evidence for a human role in the extinction of Australian megafauna and an alternative interpretation. *Quaternary Science Reviews*, **25**(21–22), 2692–2703.
- Wroe, S., Field, J., Fullagar, R., & Jermin, L. S. (2004). Megafaunal extinction in the late Quaternary and the global overkill hypothesis. *Alcheringa: An Australasian Journal of Palaeontology*, **28**(1), 291–331.
- Wynn, T., & Coolidge, F. (2003). The role of working memory in the evolution of managed foraging. *Before Farming*, **2003**(2), 1–16.
- Wynne-Edwards, V. C. (1962). *Animal Dispersion in Relation to Social Behaviour*, New York: Hafner.
- (1965). Self-regulating systems in populations of animals. *Science*, **147**(3665), 1543–1548.
- Yang, N., Liu, P., Li, W., & Zhang, L. (2020). Permanently ban wildlife consumption. *Science*, **367**(6485), 1434–1434.
- Yao, K. A., Bitty, E. A., Kassé, K. B., *et al.* (2017). Distribution and relative abundance of forest duikers in Dassioko Sud Forest Reserve (coastal Côte d'Ivoire). *Wildlife Research*, **44**, 660–668.
- Yasuoka, H. (2006a). Long-term foraging expeditions (molongo) among the Baka hunter-gatherers in the northwestern Congo Basin, with special reference to the 'wild yam question.' *Human Ecology*, **34**(2), 275–296.
- (2006b). The sustainability of duiker (*Cephalophus* spp.) hunting for the Baka hunter-gatherers in southeastern Cameroon. *African Study Monographs, Suppl.* **33**, 95–120.
- (2009). Concentrated distribution of wild yam patches: Historical ecology and the subsistence of African rainforest hunter-gatherers. *Human Ecology*, **37**(5), 577–587.
- (2012). Fledging agriculturalists? Rethinking the adoption of cultivation by the Baka hunter-gatherers. *African Study Monographs*, **43**(Suppl.), 85–114.
- (2014). Snare hunting among Baka hunter-gatherers: Implications for sustainable wildlife management. *African Study Monographs*, **49**(Suppl.), 115–136.
- Yasuoka, H., Hirai, M., Kamgaing, T. O. W., Dzekoff, Z. C. B., Kamdoum, E. C., & Bobo, K. S. (2015). Changes in the composition of hunting catches in southeastern Cameroon: A promising approach for collaborative wildlife management between ecologists and local hunters. *Ecology and Society*, **20**(4), 25. <http://dx.doi.org/10.5751/ES-08041-200425>
- Yeatter, R. E., & Thompson, D. H. (1952). Tularemia, weather, and rabbit populations. *Illinois Natural History Survey Bulletin*, **25**(1–6), 351–382.
- Yellen, J. E., & Lee, R. B. (1976). The Dobe-/Du/da environment: Background to a hunting and gathering way of life. In R. B. Lee, & I. DeVore, eds., *Kalahari Hunter Gatherers: Studies of the!Kung San and their Neighbors*, Cambridge: Cambridge University Press, 27–46.

- Yost, J. A., & Kelley, P. M. (1983). Shotguns, blowguns, and spears: The analysis of technological efficiency. In R. B. Hames, & W. T. Vickers, eds., *Adaptive Responses of Native Amazonians*, New York: Academic Press, 189–224.
- Young, H. S., Dirzo, R., Helgen, K. M., *et al.* (2014). Declines in large wildlife increase landscape-level prevalence of rodent-borne disease in Africa. *Proceedings of the National Academy of Sciences of the United States of America*, **111**(19), 7036–7041.
- Young, H. S., McCauley, D. J., Galetti, M., & Dirzo, R. (2016). Patterns, causes, and consequences of Anthropocene defaunation. *Annual Review of Ecology, Evolution, and Systematics*, **47**(1), 333–358.
- Yu, H., Wu, J. T., Cowling, B. J., *et al.* (2014). Effect of closure of live poultry markets on poultry-to-person transmission of avian influenza A H7N9 virus: An ecological study. *The Lancet*, **383**(9916), 541–548.
- Zapata-Ríos, G., Urgilés, C., & Suárez, E. (2009). Mammal hunting by the Shuar of the Ecuadorian Amazon: Is it sustainable? *Oryx*, **43**(03), 375.
- Zeder, M. A. (2012). The Broad Spectrum Revolution at 40: Resource diversity, intensification, and an alternative to optimal foraging explanations. *Journal of Anthropological Archaeology*, **31**(3), 241–264.
- Zhang, X., Zhu, C., Lin, H., *et al.* (2007). Wild fulvous fruit bats (*Rousettus leschenaulti*) exhibit human-like menstrual cycle 1. *Biology of Reproduction*, **77**(2), 358–364.
- Zhou, P., Yang, X.-L., Wang, X.-G., *et al.* (2020). A pneumonia outbreak associated with a new coronavirus of probable bat origin. *Nature*, **579**(7798), 270–273.
- Ziegler, S. (2010). Application of food balance sheets to assess the scale of the bushmeat trade in Central Africa. *TRAFFIC Bulletin*, **22**(3), 105–116.
- Ziegler, S., Fa, J. E., Wohlfart, C., Streit, B., Jacob, S., & Wegmann, M. (2016). Mapping bushmeat hunting pressure in Central Africa. *Biotropica*, **48**(3), 405–412.
- Zohdy, S., Schwartz, T. S., & Oaks, J. R. (2019). The coevolution effect as a driver of spillover. *Trends in Parasitology*, **35**(6), 399–408.