

IVORY, HORN *and* BLOOD

Behind the Elephant and
Rhinoceros Poaching Crisis

RONALD ORENSTEIN

FIREFLY BOOKS

Acronyms

AEAP: African Elephant Action Plan	MIKE: Monitoring the Illegal Killing of Elephants
AEC: African Elephant Coalition	NBI: Philippines National Bureau of Investigation
AEF: African Elephant Fund	NDF: Non-Detriment Finding (under CITES)
AfESG: African Elephant Specialist Group (under IUCN)	NGO: non-governmental organization
ASEAN-WEN: Association of Southeast Asian Nations Wildlife Enforcement Network	PAPECALF: Plan d'Action sous-régional 2012-2017 des pays de l'espace COMIFAC pour le renforcement de l'Application des Législations Nationales sur la Faune sauvage [Sub-regional Action Plan for the strengthening of the implementation of national laws on wildlife] (under COMIFAC)
CACA: China Arts and Crafts Association	PIKE: Proportion of Illegally Killed Elephants
CAMPFIRE: Communal Areas Management Programme for Indigenous Resources (Zimbabwe)	SACIM: Southern African Centre for Ivory Marketing
CAR: Central African Republic	SADC: Southern African Development Community
CARPE: Central African Regional Program for the Environment (under USAID)	SAHGCA: South African Hunters and Game Conservation Association
CITES: Convention on International Trade in Endangered Species of Wild Fauna and Flora	SCAT: smoothed continuous assignment technique
COMIFAC: Central African Forest Commission	SRT: Sumatran Rhino Trust
DEA: Department of Environmental Affairs (South Africa)	SSC: Species Survival Commission (under IUCN)
DENR: Department of Environment and Natural Resources (Philippines)	SSN: Species Survival Network
DRC: Democratic Republic of Congo (formerly Zaire)	TRAFFIC: Trade Records Analysis of Flora and Fauna in Commerce
ELA: Environmental Investigation Agency	UNEP: United Nations Environmental Programme
ETIS: Elephant Trade Information System	UNODC: United Nations Office on Drugs and Crime
GEF: Global Environment Facility	USAID: United States Agency for International Development
ICCWC: International Consortium on Combating Wildlife Crime	USFWS-FL: US Fish and Wildlife Service Forensic Laboratory
IFAW: International Fund for Animal Welfare	WCO: World Customs Organization
IUCN: International Union for Conservation of Nature	WWF: World Wildlife Fund / Worldwide Fund for Nature
KWS: Kenya Wildlife Service	ZAWA: Zambian Wildlife Authority
LAGA: Last Great Ape Organization	
LATF: Lusaka Agreement Task Force	
LRA: Lord's Resistance Army	
MEA: multilateral environmental agreement	

Contents

Acronyms	6
Foreword by Iain Douglas-Hamilton, OBE	9
Introduction	11
PART ONE: <i>What Happened?</i>	15
CHAPTER 1: The Living Elephants	17
CHAPTER 2: The Living Rhinoceroses	25
CHAPTER 3: Ivory and Luxury	31
CHAPTER 4: Not an Aphrodisiac	37
CHAPTER 5: What Makes Poachers Poach?	45
CHAPTER 6: CITES and the First Ivory Crisis	53
CHAPTER 7: The Ivory Ban	61
CHAPTER 8: Rhinos under Fire	67
PART TWO: <i>What Went Wrong?</i>	75
CHAPTER 9: Re-Opening the Trade	77
CHAPTER 10: New Markets for Horn	85
CHAPTER 11: Behind the Surge	93
CHAPTER 12: Rhinos and Prostitutes	103
CHAPTER 13: War on Elephants	111
CHAPTER 14: The Last Rhinos	119
CHAPTER 15: Corruption, Theft and Organized Crime	125

PART THREE: <i>What Can Be Done?</i>	133
CHAPTER 16: Coming to Grips with Poaching	135
CHAPTER 17: Should Trade Be Legalized?	169
CHAPTER 18: Dealing with Demand	177
CHAPTER 19: The Future	183
POSTSCRIPT: The 2013 CITES Meeting	189
Sources	194
Index	212

FOREWORD

BY IAIN DOUGLAS-HAMILTON, OBE

As Ron Orenstein's book goes to press the killing of elephants in Africa for ivory has intensified to new heights. Elephants are fewer in number than they were in the previous ivory crisis of the 1970s and 1980s. I have never witnessed such a demand for ivory in the 48 years I have studied them. The prices for ivory to the poacher and, in ever increasing increments, to the final buyers in the Far East exceed all previous records. Demand for ivory is driving the illegal killing and exceeds all possible supply. If demand is not reduced the elephants will be largely eradicated.

Already populations have been exterminated in places like Comoe National Park in the Ivory Coast and in the Affole Mountains of Mauritania, both of which had thriving elephant populations when I started the first Pan-African Elephant Survey in 1975. There has been a horrific roll call of incidents in the last few years. Bouba N'Djida in Northern Cameroon was attacked by horsemen from Sudan allied to the notorious Janjaweed, and half the elephants were killed in a few days. Minkebe National Park in Gabon lost 11,000 elephants, Tsavo, Samburu and Mara are under attack in Kenya, and in East Africa nine out of ten populations are in decline. The Central African Forest Elephants have lost 62 percent of their numbers in one decade. All of this and far more is recorded in papers, reports and scientific publications.

The sheer weight of the destruction is overwhelming, but the statistics give no idea of the individual suffering, wounding and bereavement that accompany them. The rhino situation is even worse, with far higher prices for rhino horn and escalating killing in what formerly were the most secure havens. For these species to survive we need champions to tackle the poaching on

SOURCES

Chapter 1: The Living Elephants

Alfred, R., L. Ambu, S.K.S.S. Nathan and B. Goossens. (2011). "Current Status of Asian Elephants in Borneo." *Gajah* 35: 29–35.

Amranand, P., and W. Warren. (1998). *The Elephant in Thai Life and Legend*. Bangkok: Monsoon Editions.

Associated Press. (2013). "3 Borneo Pygmy Elephants Found Dead in Malaysia, Total Now 13." January 30. <http://www.ctvnews.ca/sci-tech/3-borneo-pygmy-elephants-found-dead-in-malaysia-total-now-13-1.1135517>.

Bibi, F., B. Kraatz, N. Craig et al. (2012). "Early Evidence for Complex Social Structure in Proboscidea from a Late Miocene Trackway Site in the United Arab Emirates." *Biology Letters* 8(4): 670–73.

Bist, S.S., J.V. Cheeran, S. Choudhury et al. (2002). "The Domesticated Asian Elephant in India." In *Giants on Our Hands: Proceedings of the International Workshop on the Domesticated Asian Elephant*, 129–48. RAP Publication 2002/30. Bangkok: Food and Agriculture Organization.

Blake, S., S. Strindberg, P. Boudjan et al. (2007). "Forest Elephant Crisis in the Congo Basin." *PLoS Biology* 5(4): e111.

CITES. (2012a). *Control of Trade in Ivory in China*. SC62 Inf. 8.

———. (2012b). *Elephant Conservation, Illegal Killing and Ivory Trade*. SC62 Doc. 46.1 (Rev. 1).

Cranbrook, Earl of, J. Payne and C.M.U. Leh. (2008). "Origin of the Elephants *Elephas maximus* L. of Borneo." *Sarawak Museum Journal* 63(84): 95–125.

de Silva, S., and G. Wittemyer. (2012). "A Comparison of Social Organization in Asian Elephants and African Savannah Elephants." *International Journal of Primatology* 33(5): 1125–41.

Douglas-Hamilton, I. (1975). "The Elephants' Sense of Death." *Africana* 5(8): 20–25.

Douglas-Hamilton, I., S. Bhalla, G. Wittemyer and F. Vollrath. (2006). "Behavioural Reactions of Elephants Towards a Dying and Deceased Matriarch." *Applied Animal Behaviour Science* 100(1/2): 87–102.

Fernando, P., and J. Pastorini. (2011). "Range-Wide Status of Asian Elephants." *Gajah* 35: 15–20.

Food and Agriculture Organization [FAO]. (1997). *Gone Astray: The Care and Management of the Asian Elephant in Domesticity*. RAP Publication 1997/16. Bangkok: FAO.

Grubb, P., C.P. Groves, J.P. Dudley and J. Shoshani. (2000). "Living African Elephants Belong to Two Species: *Loxodonta africana* (Blumenbach, 1797) and *Loxodonta cyclotis* (Matschie, 1900)." *Elephant* 2: 1–4.

Hance, J. (2011a). "Africa Gains New Elephant Species." *Mongabay.com*, January 19.

———. (2011b). "Busted: 1,835 Elephant Tusks Confiscated in Two Seizures Connected by Malaysia." *Mongabay.com*, August 31.

Haynes, G. (2012). "Elephants (and Extinct Relatives) as Earth-Movers and Ecosystem Engineers." *Geomorphology* 157/158: 99–107.

Herbst, C.T., A.S. Stoeger, R. Frey et al. (2012). "How Low Can You Go? Physical Production Mechanism of Elephant Infrasonic Vocalizations." *Science* 337(6094): 595–99.

Ishida, Y., T.K. Oleksyk, N.J. Georgiadis et al. (2011). "Reconciling Apparent Conflicts between Mitochondrial and Nuclear Phylogenies in African Elephants." *PLoS ONE* 6(6): e20642.

Lee, P.C., and C.J. Moss. (2012). "Wild Female African Elephants (*Loxodonta africana*) Exhibit Personality Traits of Leadership and Social Integration." *Journal of Comparative Psychology* 126(3): 224–32.

Li, J., Y. Hou, Y. Li and J. Zhang. (2012). "The Latest Straight-Tusked Elephants (*Palaeoloxodon*)? Wild Elephants' Lived 3000 Years Ago in North China." *Quaternary International* 281: 84–88.

Lundberg, J., and D.A. McFarlane. (2006). "Speleogenesis of the Mount Elgon Elephant Caves, Kenya." In R.S. Harmon and C. Wicks, eds., *Perspectives on Karst Geomorphology, Hydrology and Geochemistry: A Tribute Volume to Derek C. Ford and William B. White*. Geological Society of America Special Paper 404, 51–63.

Lundquist, C.F., and W.W.J. Varnedoe. (2005). "Salt Ingestion Caves." *International Journal of Speleology* 35(1): 13–18.

Maisels, F., S. Strindberg, S. Blake et al. (2013). "Devastating Decline of Forest Elephants in Central Africa." *PLoS ONE* 8(3): e59469.

McComb, K., L. Baker and C. Moss. (2006). "African Elephants Show High Levels of Interest in the Skulls and Ivory of Their Own Species." *Biology Letters* 2(1): 26–28.

McComb, K., G. Shannon, S.M. Durant et al. (2011). "Leadership in Elephants: The Adaptive Value of Age." *Proceedings of the Royal Society B: Biological Sciences* 278(1722): 3270–76.

McNeely, J.A. "Elephants in Folklore, Religion and Art." In J. Shoshani, ed., *Elephants*, 158–65. New York: Checkmark Books.

Mongabay.com. (2012). "Elephant Numbers Halved in Central Africa in 5 Years." June 8.

Nyström, V., L. Dalén, S. Vartanyan et al. (2010). "Temporal Genetic Change in the Last Remaining Population of Woolly Mammoth." *Proceedings of the Royal Society B: Biological Sciences* 277(1692): 2331–37.

O'Connell-Rodwell, C.E., J.D. Wood, M. Wyman et al. (2012). "Antiphonal Vocal Bouts Associated with Departures in Free-Ranging African Elephant Family

Groups (*Loxodonta africana*). "Bioacoustics" 21(3): 215–24.

Redmond, I. (1982). "Salt Mining Elephants of Mount Elgon." *Swara* 5: 28–31.

Rohland, N., D. Reich, S. Mallick et al. (2010). "Genomic DNA Sequences from Mastodon and Woolly Mammoth Reveal Deep Speciation of Forest and Savanna Elephants." *PLoS Biology* 8(12): e1000564.

Schuttler, S.G., S. Blake and L.S. Eggert. (2012). "Movement Patterns and Spatial Relationships among African Forest Elephants." *Biotropica* 44(4): 445–48.

Smith, K.H. (2000). "The Elephant Domestication Centre of Africa." In J. Shoshani, ed., *Elephants*, 152–54. New York: Checkmark Books.

Stiles, D. (2012). Review of *The Ivory Dynasty: A Report on the Soaring Demand for Elephant and Mammoth Ivory in Southern China*, by Esmond Martin and Lucy Vigne, and *Making a Killing: A 2011 Survey of Ivory Markets in China*, by Grace G. Gabriel, Ning Hua and Juan Wang. *Pachyderm* 51: 94–96.

Stiles, D., E.B. Martin and L. Vigne. (2011). "Exaggerated Ivory Prices Can Be Harmful to Elephants." *Swara* 34(4): 18–22.

Sukumar, R. (2003). *The Living Elephants: Evolutionary Ecology, Behavior and Conservation*. New York: Oxford University Press.

Switek, B. (2012). "Bronze Art Sparks Debate over the Extinction of the Straight-Tusked Elephant." <http://phenomena.nationalgeographic.com/2012/12/27/bronze-art-sparks-debate-over-the-extinction-of-the-straight-tusked-elephant/>.

Turkalo, A.K., and J.M. Fay. (1995). "Studying Forest Elephants by Direct Observation: Preliminary Results from the Dzanga Clearing, Central African Republic." *Pachyderm* 20: 45–54.

———. (2001). "Forest Elephant Behavior and Ecology: Observations from the Dzanga Saline." In W. Webber, L.J. White, A. Vedder and L. Naughton-Treves, eds., *African Rain Forest Ecology and Conservation*. New Haven, CT: Yale University Press.

Wittemyer, G. (2011). "Family Elephantidae (Elephants)." In D.E. Wilson and R.A. Mittermeier, eds., *Handbook of the Mammals of the World*. Vol. 2, *Hoofed Mammals*, 50–81. Barcelona: Lynx Edicions.

Wittemyer, G., I. Douglas-Hamilton and W.M. Getz. (2005). "The Socioecology of Elephants: Analysis of the Processes Creating Multitiered Social Structures." *Animal Behaviour* 69(6): 1357–71.

Wittemyer, G., and W.M. Getz. (2007). "Hierarchical Dominance Structure and Social Organization in African Elephants, *Loxodonta africana*." *Animal Behaviour* 73(4): 671–81.

Wrege, P.H., E.D. Rowland, N. Bout and M. Doukaga. (2011). "Opening a Larger Window onto Forest

Groups (*Loxodonta africana*). "Bioacoustics" 21(3): 215–24.

Elephant Ecology." *African Journal of Ecology* 50(2): 176–83.

Chapter 2: The Living Rhinoceroses

Bedini, S.A. (1997). *The Pope's Elephant*. Manchester: Carcanet Press.

Cranbrook, Earl of, and P.J. Piper. (2007). "Short Communications: Javan Rhinoceros *Rhinoceros sondaicus* in Borneo." *Raffles Bulletin of Zoology* 55(1): 217–20.

Dinerstein, E. (2011). "Family Rhinocerotidae (Rhinoceroses)." In D.E. Wilson and R.A. Mittermeier, eds., *Handbook of the Mammals of the World*. Vol. 2, *Hoofed Mammals*, 144–81. Barcelona: Lynx Edicions.

Emslie, R.H., T. Milliken and B. Talukdar. (2013). *African and Asian Rhinoceroses: Status, Conservation and Trade. A Report from the IUCN Species Survival Commission (IUCN-SSC) African and Asian Rhino Specialist Groups and TRAFFIC to the CITES Secretariat Pursuant to Resolution Conf. 9.14 (rev. CoP15)*. CITES CoP16 Doc. 54.2 (Rev. 1) Annex 2.

Feeley, J. (2007). "Black Rhino, White Rhino: What's in a Name?" *Pachyderm* 43: 111–15.

Flannery, T. (2012). *After the Future: Australia's New Extinction Crisis. Quarterly Essay* 48 (November).

Hariyadi, A.R., R. Setiawan, D.A. Yayus and H. Purnama. (2010). "Preliminary Behaviour Observations of the Javan Rhinoceros (*Rhinoceros sondaicus*) Based on Video Trap Surveys in Ujung Kulon National Park." *Pachyderm* 47: 93–99.

Menon, V. (1996). *Under Siege: Poaching and Protection of Greater One-horned Rhinoceroses in India*. New Delhi: TRAFFIC India.

Milman, O. (2012). "Javan Rhino Clings to Survival in Last Forest Stronghold." *The Guardian*, September 7.

Rabinowitz, A. (1995). "Helping a Species Go Extinct: The Sumatran Rhino in Borneo." *Conservation Biology* 9(3): 483–88.

Rookmaaker, K. (1997). "Records of the Sunderbans Rhinoceros (*Rhinoceros sondaicus inermis*) in India and Bangladesh." *Pachyderm* 24: 37–45.

———. (2011). "A Review of Black Rhino Systematics Proposed in *Ungulate Taxonomy* by Groves and Grubb (2011) and Its Implications for Rhino Conservation." *Pachyderm* 50: 72–76.

Santiapillai, C. (1990). "Status of the Javan Rhino in Ujung Kulon National Park." *Tigerpaper* 17: 1–8. <http://www.asianrhino.nl/English/project/ujung.html>.

Sinon, D. (1960). "Sur les noms altaïque de la licorne." *Wiener Zeitschrift für der Kunde des Morgenlandes* (56): 168–76. http://www.rhinoresourcecenter.com/pdf_files/128/1284800952.pdf.

Strien, N.J.v., and K. Rookmaaker. (2010). "The Impact of the Krakatoa Eruption in 1883 on the Population of *Rhinoceros sondaicus* in Ujung Kulon, with Details

of Rhino Observations from 1857 to 1949." *JoTT Communication* 2(1): 633–38.

Walker, C., and A. Walker. (2012). *The Rhino Keepers*. Auckland Park, South Africa: Jacana Media.

Wikipedia. "Dürer's Rhinoceros." http://en.wikipedia.org/wiki/Dürer's_Rhinoceros.

WWF. (2013). "Rhino Poaching Crisis Spreads to India." Press release, February 5. http://www.panda.org/wwf_news/?207493/Rhino-poaching-crisis-spreads-to-India.

Chapter 3: Ivory and Luxury

African Manager. (2012). "Elephant Ivory Sales Creating 'Deadly New Currency in China.'" June 7. http://www.africanmanager.com/site_eng/detail_article.php?art_id=18506.

Agence France-Presse. (2012). "China's Ivory Thirst Puts Elephants at Risk." May 25.

Alpers, E.A. (1992). "The Ivory Trade in Africa: An Historical Overview." In D. H. Ross, ed., *Elephant: The Animal and Its Ivory in African Culture*, 349–63. Los Angeles: Fowler Museum of Cultural History, UCLA.

Fowler, H.W., and F.G. Fowler, trans. (1905). *The Works of Lucian of Samosata*. Adelaide, Australia: University of Adelaide. <http://ebooks.adelaide.edu.au/l/lucian/works/index.html>.

Martin, E.B., and D. Stiles. (2002). *The South and South East Asian Ivory Markets*. Nairobi: Save the Elephants.

Martin, R.B., D.H.M. Cumming, G.=C. Craig et al. (2012). *Decision-Making Mechanisms and Necessary Conditions for a Future Trade in African Elephant Ivory: Final Report*. CITES SC62 Doc. 46.4 Annex.

Ross, D.=H. (1992). "Imagining Elephants." In D.=H. Ross, ed., *Elephant: The Animal and Its Ivory in African Culture*, 1–41. Los Angeles: Fowler Museum of Cultural History, UCLA.

Sakamoto, M. (2004). *Black and Grey: Illegal Ivory in Japanese Markets*. 2nd ed. Tokyo: Japan Wildlife Conservation Society.

Shayt, D.H. (1992). "The Material Culture of Ivory Outside Africa." In D.H. Ross, ed., *Elephant: The Animal and Its Ivory in African Culture*. Los Angeles: Fowler Museum of Cultural History, UCLA.

Shepherd, C.R., and V. Nijman. (2008). *Elephant and Ivory Trade in Myanmar*. Selangor, Malaysia: TRAFFIC Southeast Asia.

Shoumatoff, A. (2011). "Agony and Ivory" *Vanity Fair* (August), 121–35.

The Star (Kenya). (2012). "China Key to Elephants' Future in Africa – Experts." May 31.

Stiles, D. (2009). *The Elephant and Ivory Trade in Thailand*. Selangor, Malaysia: TRAFFIC Southeast Asia.

Stiles, D., E.B. Martin and L. Vigne. (2011).

"Exaggerated Ivory Prices Can Be Harmful to

Elephants." *Swara* 34(4): 18–22.

TRAFFIC. (2012a). "Wildlife Trade on the Agenda at Key Africa–China Meeting." Press release, July 17.

———. (2012b). "Burgeoning Africa–China Wildlife Trade Focus at IUCN Congress Side Event." Press release, September 21.

United States Fish and Wildlife Service. (2010). "Natural Ivory." In *Ivory Identification Guide*. http://www.lab.fws.gov/ivory_natural.php.

Warmington, E.H. (1928). *The Commerce Between the Roman Empire and India*. Cambridge: Cambridge University Press.

Chapter 4: Not an Aphrodisiac

Adams, C. (2011). "Has Viagra Helped Endangered Species by Reducing Demand for Rhino Horn, etc.?" *The Straight Dope*, March 11. <http://www.straightdope.com/columns/read/2985/has-viagra-helped-endangered-species-by-reducing-demand-for-rhino-horn-etc>.

Cota-Larson, R. (2010). "Yemen No Longer Major Destination for Illegal Rhino Horn." *EcoWorldly*, January 13. http://www.savingrhinos.org/rhino_horn_yemen.html.

Emslie, R.H., and M. Brooks. (1999). *African Rhino: Status Survey and Conservation Action Plan*. Gland, Switzerland: IUCN.

Greenberg, D.A., and D.S. Fudge. (2013). "Regulation of Hard Alpha-keratin Mechanics via Control of Intermediate Filament Hydration: Matrix Squeeze Revisited." *Proceedings of the Royal Society B: Biological Sciences* 280(1750): 2012–2158.

Guggisberg, C.A. W. (1966). *SOS Rhino*. London: Andre Deutsch.

Hieronymus, T.L., L.M. Witmer and R.C. Ridgely. (2006). "Structure of White Rhinoceros (*Ceratotherium simum*) Horn Investigated by X-Ray Computed Tomography and Histology with Implications for Growth and External Form." *Journal of Morphology* 267(10): 1172–76.

Karantza, V. (2011). "Keratins in Health and Cancer: More Than Mere Epithelial Cell Markers." *Oncogene* 30: 127–38.

Leader-Williams, N. (1992). *The World Trade in Rhino Horn: A Review*. Cambridge: TRAFFIC International.

Liu, R., J.A. Duan, M. Wang et al. (2011). "Analysis of Active Components of Rhinoceros, Water Buffalo and Yak Horns Using Two-Dimensional Electrophoresis and Ethnopharmacological Evaluation." *Journal of Separation Science* 34(3): 354–62.

Loh, J., and K. Loh. (1994). "Rhino Horn in Taipei, Taiwan." *TRAFFIC Bulletin* 14(2): 55–58.

Martin, E. B. (1987). "The Yemeni Rhino Horn Trade." *Pachyderm* 8: 13–16.

Martin, E.B., and C. Martin. (1982). *Run Rhino Run*. London: Chatto & Windus.

SOURCES

Martin, E.B., L. Vigne and C. Allan. (1997). *On a Knife's Edge: The Rhinoceros Horn Trade in Yemen*. Cambridge: TRAFFIC International.

Menon, V. (1996). *Under Siege: Poaching and Protection of Greater One-horned Rhinoceroses in India*. New Delhi: TRAFFIC India.

Milliken, T., and J. Shaw. (2012). *The South Africa–Viet Nam Rhino Horn Trade Nexus: A Deadly Combination of Institutional Lapses, Corrupt Wildlife Industry Professionals and Asian Crime Syndicates*. Johannesburg: TRAFFIC.

Nowell, K. (2012). *Assessment of Rhino Horn as a Traditional Medicine*. CITES SC62 Doc. 47.2 Annex (Rev. 2).

Song, B.X., L. Cao, E.Y. Jie et al. (2010). "Research of Antipyretic, Analgesic and Anti-inflammatory Effect of Rhino Horn." *Traditional Chinese Medicine and Clinical Pharmacology*.

Tsai, E.J. (1995). "Antipyretic Effect of Xi Jiao [rhino horn] and Shuiniujiao [water buffalo horn] in Children." *Annual Report of Chinese Medicine and Pharmacy*, 329–37. Taipei, Taiwan: Committee on Chinese Medicine and Pharmacy, Department of Health.

Vigne, L., and E.B. Martin. (2000). "Price for Rhino Horn Increases in Yemen." *Pachyderm* 28: 91–100.

———. (2001). "Closing Down the Illegal Trade in Rhino Horn in Yemen." *Pachyderm* 30: 87–95.

Vigne, L., E. B. Martin and B. Okita-Ouma. (2007). "Increased Demand for Rhino Horn in Yemen Threatens Eastern Africa's Rhinos." *Pachyderm* 43: 73–87.

Yang, S. (2011). "A Review of Rhinoceros Horn." Unpublished paper, Franklin W. Olin College of Engineering, Needham, MA.

Yang, S.Z., trans. (1998). *The Divine Farmer's Materia Medica: A Translation of the Shen Nong Ben Cao Jing*. Boulder, CO: Blue Poppy Press.

Chapter 5: What Makes Poachers Poach?

BBC News. (2004). "Death of a Legendary Bandit." October 18.

Beyers, R.L., J.A. Hart, A.R.E. Sinclair et al. (2011). "Resource Wars and Conflict Ivory: The Impact of Civil Conflict on Elephants in the Democratic Republic of Congo – The Case of the Okapi Reserve." *PLoS ONE* 6(11): e27129.

Blake, S., S.L. Deem, S. Strindberg et al. (2008). "Roadless Wilderness Area Determines Forest Elephant Movements in the Congo Basin." *PLoS ONE* 3(10): e3546.

Bushmeat Crisis Task Force. (1999–2009). *Bushmeat Crisis Task Force*. <http://www.bushmeat.org>.

The Citizen (Tanzania). (2013a). "Two Police Officers, Civilian Held over Ivory." January 7. <http://thecitizen.co.tz/news/4-national-news/28061-two-police-officers-civilian-held-over-ivory.html>.

———. (2013b). "Two Policemen Killed in Ivory Deal Gone Bad." January 7. <http://thecitizen.co.tz/news/-/28075-police-killed-in-ivory-deal-gone-bad>.

Dabany, J.R. (2013). "Poachers Kill 11,000 Gabon Elephants in under a Decade." *Scientific American*, February 6. <http://www.scientificamerican.com/article.cfm?id=poachers-kill-11000-gabon-elephants>.

Douglas-Hamilton, I., and O. Douglas-Hamilton. (1992). *Battle for the Elephants*. New York: Viking.

Gettleman, J. (2012). "In Gabon, Lure of Ivory Is Hard for Many to Resist." *New York Times*, December 26.

IFAW. (2012). "Three Tonnes of Ivory Vanish as Thieves Loot Southern Africa Stockpiles." Press release, June 22. Ittaman, Shali. (2006a). "Poacher Takes Over Veerappan Country." *Indiatimes News Network*, August 9.

———. (2006b). "New Veerappan Dies of Kidney Failure." *Indiatimes News Network*, August 10.

Koch, E. (1996). "South Africa Environment: Military Implicated in Poaching." *Inter Press Service*, January 22. <http://www.ipsnews.net/1996/01/south-africa-environment-military-implicated-in-poaching/>.

Kumleben, M.E. (1996). *Commission of Inquiry into the Alleged Smuggling of and Illegal Trade in Ivory and Rhinoceros Horn in South Africa: Report of the Chairman*. <http://www.scribd.com/doc/121327879/Kumleben-Commission-Report>.

Maingi, J.K., J.M. Muake, D.M. Kyale and R.M.

Muasya. (2012). "Spatiotemporal Patterns of Elephant Poaching in South-eastern Kenya." *Wildlife Research* 39(3): 234–49.

Menon, V. (2002). *Tusker! The Story of the Asian Elephant*. New Delhi: Penguin, David Shepherd Wildlife Foundation, Wildlife Trust of India and IFAW.

Mvula, S. (2012). "Masebo Hailed on Safari Hunting Ban." *Zambia Daily Mail*, 31 December. http://www.daily-mail.co.zm/index.php?option=com_k2&view=item&id=1514:masebo-hailed-on-safari-hunting-ban&Itemid=200.

Ngala, N.K. (1995). "Ivory Burning: Kenya's Stockpile on the Pyre Again." *Swara* 18(2): 26–28.

Paulin, P. (2007). "The Baka of Gabon: The Study of an Endangered Language and Culture." In M. David, N. Ostler and C. Dealwis, eds., *Working Together for Endangered Languages: Research Challenges and Social Impacts. Proceedings of the XIth FEL Conference, Kuala Lumpur, Malaysia, October 26–28, 2007*, 163–71. http://www.ddl.ish-lyon.cnrs.fr/fulltext/Paulin_Paulin_2007_FEL.pdf.

Ruggiero, R. (2013). "Minkebe: A Tragedy Revealed and a Lesson to Be Learned." <http://newswatch.nationalgeographic.com/2013/02/11/minkebe-a-tragedy-revealed-and-a-lesson-to-be-learned>.

Sichikwenkwe, P. (2012). "ZAWA Boss, Four Others Fired." *Times of Zambia*, December 31. <http://www.times.co.zm/?p=24819>.

Sukumar, R. (2003). *The Living Elephants: Evolutionary Ecology, Behavior and Conservation*. New York: Oxford University Press.

Yackulic, C.B., S. Strindberg, F. Maisels and S. Blake. (2011). "The Spatial Structure of Hunter Access Determines the Local Abundance of Forest Elephants (*Loxodonta africana cyclotis*)."*Ecological Applications* 21(4): 1296–1307.

Wikipedia. "Veerappan." <http://en.wikipedia.org/wiki/Veerappan>.

Zambian Watchdog. (2013). "Masebo Claims Foreign Planes Entering Zambian Airspace without Being Detected." January 2. <http://www.zambianwatchdog.com/?p=48405>.

Chapter 6: CITES and the First Ivory Crisis

Aarde, R.v., I. Whyte and S. Pimm. (1999). "Culling and the Dynamics of the Kruger National Park African Elephant Population." *Animal Conservation* 2(4): 287–94.

Bean, M.J. (1977). *The Evolution of National Wildlife Law: Report to the Council on Environmental Quality*. Washington, DC: Council on Environmental Quality.

Boardman, R. (1981). *International Organization and the Conservation of Nature*. Bloomington: Indiana University Press.

Chadwick, D.H. (1992). *The Fate of the Elephant*. San Francisco: Sierra Club.

CITES. Text of the Convention. <http://www.cites.org/eng/disc/text.php#texttop>.

Committee on Merchant Marine and Fisheries. (1979). "Statement of Craig van Note." *Hearings before the Committee: 96th Congress, 1st session, H.R. 4685, July 25 and 26, 1979*. <http://catalog.hathitrust.org/Record/002949514>.

Douglas-Hamilton, I., R.F.W. Barnes, F. Michelmore and K. Beardsley. (1989). *The Ivory Trade and the Future of the African Elephant*. Lausanne: CITES Ivory Trade Review Group.

Douglas-Hamilton, I., and O. Douglas-Hamilton. (1992). *Battle for the Elephants*. New York: Viking.

The Economist. (1989). "Saving the Elephant." July 1.

EIA. (1989). *A System of Extinction: The African Elephant Disaster*. London: EIA.

Eveleth, R. (2011). "Contraception May Save Future Elephants from Culling." *Scientific American*, December 22. <http://www.livescience.com/17603-contraception-save-elephants-culling.html>.

Gillson, L., and K. Lindsay. (2003). "Ivory and Ecology: Changing Perspectives on Elephant Management and the International Trade in Ivory." *Environmental Science and Policy* 6(5): 411–19.

Luxmoore, R. (1989). "Africa's Elephant Dilemma." *TRAFFIC Bulletin* 11(1): 1.

Shoumatoff, A. (2011). "Agony and Ivory." *Vanity Fair* (August), 121–35.

Timberg, C. (2008). "South Africa to Resume Elephant Culling." *Washington Post Foreign Service*, February 26.

Western, D. (1989). "The Ecological Role of Elephants in Africa." *Pachyderm* 12: 42–45.

Whyte, I. (2004). "Ecological Basis of the New Elephant Management Policy for Kruger National Park and Expected Outcomes." *Pachyderm* 36: 99–108.

Wijnstekers, W. (2011). *The Evolution of CITES: A Reference to the Convention on International Trade in Endangered Species of Wild Fauna and Flora*. 9th ed. Budapest: International Council for Game and Wildlife Conservation. www.cites.org/common/resources/Evolution_of_CITES_9.pdf.

Chapter 7: The Ivory Ban

African Elephant Conservation Coordinating Group [AECCG]. (1992). *The African Elephant Project Database: Summary Information*. 4th ed. Oxford: AECCG.

Bolze, D.A. (1992). "The Ivory Trade and Conserving the African Elephant." *WCI Policy Report* 1. New York: Wildlife Conservation International.

CITES Secretariat. (1995). "The Elephant Dilemma." *CITES/CeM* 2(3): 20–28.

Currey, D., and H. Moore. (1994). *Living Proof: African Elephants and the Success of the CITES Appendix I Ban*. London: EIA.

Dills, A., M. Jacobson and J. A. Miron. (2004). "The Effect of Alcohol Prohibition on Alcohol Consumption: Evidence from Drunkenness Arrests." *Economics Letters* 86(2): 279–84.

Douglas-Hamilton, I. (1992). "In Defence of the Ivory Trade Ban." *Oryx* 26(2): 1–4.

———. (2009). "The Current Elephant Poaching Trend." *Pachyderm* 45: 154–57.

The Economist. (1989). "Saving the Elephant." July 1.

IFAW. (2004). *Elephants on the High Street: An Investigation into Ivory Trade in the UK*. London: IFAW.

Martin, E.B., and D. Stiles. (2003). *The Ivory Markets of East Asia*. Nairobi: Save the Elephants.

———. (2005). *Ivory Markets of Europe*. Kingfold, UK: Care for the Wild International and Save the Elephants.

———. (2008). *Ivory Markets in the USA*. Kingfold, UK: Care for the Wild International and Save the Elephants.

Milliken, T., R.W. Burn and L. Sangalakula. (2002). *Illegal Trade in Ivory and Other Elephant Specimens: Summary Report on the Elephant Trade Information System (ETIS)*. CITES CoP12 Doc. 34.1.

Nash, S.V., ed. (1997). *Still In Business: The Ivory Trade in Asia, Seven Years after the CITES Ban*. Cambridge: TRAFFIC International.

Pfeffer, P. (1992). *Impact de l'interdiction du commerce international de l'ivoire sur le statut des populations d'éléphants d'Afrique*. Paris: Société nationale de protection de la nature.

Schaffer Library of Drug Policy. "Did Alcohol Prohibition Reduce Alcohol Consumption and Crime?" <http://www.druglibrary.org/prohibitionresults.htm> (accessed January 12, 2013).

Shoshani, J., ed. (2000). *Elephants: Majestic Creatures of the Wild*. 2nd ed. San Francisco: Weldon Owen.

Western, D. (1995). "Elephant and People." *Swara* 18(2): 29.

Chapter 8: Rhinos under Fire

Cheung, J. (1995). "Implementation and Enforcement of CITES: An Assessment of Tiger and Rhinoceros Conservation Policy in Asia." *Pacific Rim Law and Policy Journal* 5(1): 125–59.

CITES. (1987). Resolution 6.10 [repealed].

———. (1994). "Conservation of and Trade in African and Asian Rhinoceroses." Resolution Conf. 9.14 (Rev. CoP15).

———. (2006). *Report on Implementing Resolution Conf. 12.5 of CITES*. CoP14 Doc. 52 Annex 1. People's Republic of China: CITES Management Authority.

Dinerstein, E. (2003). *The Return of the Unicorns: The Natural History and Conservation of the Greater One-horned Rhinoceros*. New York: Columbia University Press.

du Toit, R. (2002). "Black Rhino Crisis in Zimbabwe." *Pachyderm* 32: 83–85.

EIA. (1993). *Taiwan Kills Rhinos with Your Money: Why You Should Boycott Goods Made in Taiwan*. London: EIA.

Emslie, R.H., and M. Brooks. (1999). *African Rhino: Status Survey and Conservation Action Plan*. Gland, Switzerland: IUCN.

Emslie, R.H., S. Milledge, M. Brooks et al. (2007). *African and Asian Rhinoceroses: Status, Conservation and Trade*. CITES CoP14 Doc. 54 Annex 1.

Lang, R. (2012). "A Heart for Rhinos" [interview with Ian Player]. *Africa Geographic* (April), 26–28. http://www.wild.org/wp-content/uploads/2012/03/Ian-Player-interview_April2012.pdf.

Leader-Williams, N. (1992). *The World Trade in Rhino Horn: A Review*. Cambridge: TRAFFIC International.

Martin, E.B. (1998). "Will New Community Development Projects Help Rhino Conservation in Nepal?" *Pachyderm* 26: 88–99.

Martin, E.B., and L. Vigne. (1997). "Good News for Rhinos." *Swara* 20(5): 13–14.

Menon, V. (1996). *Under Siege: Poaching and Protection of Greater One-horned Rhinoceroses in India*. New Delhi: TRAFFIC India.

Milliken, T., K. Nowell and J.B. Thomsen. (1993). *The Decline of the Black Rhino in Zimbabwe: Implications for Future Rhino Conservation*. Pretoria: TRAFFIC East/Southern Africa.

Milliken, T., and J. Shaw. (2012). *The South Africa–Viet Nam Rhino Horn Trade Nexus: A Deadly Combination of Institutional Lapses, Corrupt Wildlife Industry Professionals and Asian Crime Syndicates*. Johannesburg: TRAFFIC. www.traffic.org/species-reports/traffic_species_mammels66.pdf

Mills, J.A. (1994). *Market Under Cover: The Rhinoceros Horn Trade in South Korea*. Cambridge: TRAFFIC International.

———. (1997). *Rhinoceros Horn and Tiger Bone in China: An Investigation of Trade Since the 1993 Ban*. Cambridge: TRAFFIC International.

Nowell, K. (2012). *Assessment of Rhino Horn as a Traditional Medicine*. CITES SC62 Doc. 47.2 Annex (Rev. 2).

New York Times. (1993). "Ivory and Rhinoceros Horns Burned in Public by Taiwan." June 6.

Player, I. (2011). "How to Save the Rhino." *True Green Conservation Alliance*. <http://truegreenalliance.blogspot.ca/2012/03/how-to-save-rhino-dr-ian-player.html>.

Rookmaaker, K. (2002). "Miscounted Population of the Southern White Rhinoceros (*Ceratotherium simum simum*) in the Early 19th Century?" *Pachyderm* 32: 22–28.

Thornton, A. (2013). "History Repeating: The Illegal Trade in Rhino Horn." *Environmental Investigation Agency*, February 1. <http://www.eia-international.org/history-repeating-the-illegal-trade-in-rhino-horn>.

Trade and Environment Database. "US China Rhino and Tiger Dispute." *TED Case Studies*. <http://www1.american.edu/ted/uschina.htm> (accessed January 19, 2013).

U.S. News and World Report. (1989). "Heavy Artillery for Horns of Plenty." February 20.

Vigne, L., and E.B. Martin. (1989). "Taiwan: The Greatest Threat to the Survival of Africa's Rhinos." *Pachyderm* 11: 23–25.

Walker, C., and A. Walker. (2012). *The Rhino Keepers: Struggle for Survival*. Johannesburg: Jacana Media.

Chapter 9: Re-opening the Trade

Agence France-Presse. (2004). "Ivory Ban Spells Doom for Namibian Tribe's Tradition." *Terra Daily*, October 6. <http://www.terraldaily.com/2004/041006093726.qmww7r6u.html>.

Bond, I. (1994). "Importance of Elephant Hunting to CAMPFIRE Revenue in Zimbabwe." *Traffic Bulletin* 14: 117–19.

Christy, B. (2012). "Ivory Worship." *National Geographic* (October). ngm.nationalgeographic.com/2012/10/ivory/christy-text.

CITES. "CITES MIKE Programme." <http://www.cites.org/common/prog/mike/brochure.pdf> (accessed January 20, 2013).

———. (2004). *Control System for Worked Ivory in Namibia*. CoP13 Inf. 33.

———. (2008). *Fifty-Seventh Meeting of the Standing Committee, Geneva (Switzerland), 14–18 July 2008: Summary Record*. <http://www.cites.org/eng/com/sc/57/E57-SumRec.pdf>.

Courouble, M., F. Hurst and T. Milliken. (2003). *More Ivory Than Elephants: Domestic Ivory Markets in Three West African Countries*. Cambridge: TRAFFIC International.

Douglas-Hamilton, I. (1992). "In Defence of the Ivory Trade Ban." *Oryx* 26(2): 1–4.

EIA. (1992). *Under Fire: Elephants in the Front Line*. London: EIA.

———. (1997). *Proceedings of the African Elephant Conference*. London: EIA.

———. (2007). *Made in China: How China's Illegal Ivory Trade Is Causing a 21st Century African Elephant Disaster*. Washington, DC: EIA.

———. (2010). *Open Season: The Burgeoning Illegal Ivory Trade in Tanzania and Zambia*. London: EIA.

Hastie, J., J. Newman and M. Rice. (2002). *Back in Business: Elephant Poaching and the Ivory Black Markets of Asia*. London: EIA.

Hemley, G. (1992). "CITES 1992: Endangered Treaty? Kyoto Decisions Political, Not Practical?" *TRAFFIC USA Newsletter* 11(3): 1–3.

IFAW. (2007). *Fatal Flaw: The Inadequacies of Japan's Ivory Trade Controls*. Yarmouth Port, MA: IFAW.

Kiyono, H. (2002). *Japan's Trade in Ivory after the Tenth Conference of the Parties to CITES*. Cambridge: TRAFFIC International.

Martin, E.B., and D. Stiles. (2000). *The Ivory Markets of Africa*. Nairobi: Save the Elephants.

———. (2002). *The South and South East Asian Ivory Markets*. Nairobi: Save the Elephants.

McCarthy, M., and C. Brown. (2008). "Return of Ivory Trade as Britain Backs China." *The Independent*, July 16.

Milliken, T. (1994). "The African Elephant: Another Round at CoP9?" *Swara* 17(5): 16–18.

Orenstein, R. (1992). "Ivory Ban Not Just a Response to Western 'Bunnyhuggers.'" Letter to *The Gazette* (Montreal), May 11, B3.

Pitman, D. (1989). *Elephants and People: Zimbabwe's Alternative to the Ivory Trade Bans*. Harare: Zimbabwe Trust.

Poole, J. (1992). "Kenya's Elephants: A Very Different Story to Tell." *Swara* 15(1): 29–31.

Redmond, I. (1991). Unpublished report by the African Ele-Fund, December.

Reeve, R., S. Pope and D. Stewart. (2007). *Ivory, Ekipa and Etosha: The Hidden Cost to Elephants and Rhinos of Namibia's Wildlife Policy*. Cranleigh, UK: David Shepherd Wildlife Foundation.

Rotich, N. (1992). "Total Ban on Ivory Trade Still the Only Way to Save the Elephant." *Swara* 15(1): 6–7.

———. (1994). "The Elephant Is Not Yet Safe!" *Swara* 17(5): 5.

Sakamoto, M. (2004). *Black and Grey: Illegal Ivory in Japanese Markets*. 2nd ed. Tokyo: Japan Wildlife Conservation Society.

Shigwedha, A. (2007). "Govt Mum on Ekipa Scandal." *The Namibian*, May 30.

———. (2008). "Government Bans Ekipa Sales." *The Namibian*, August 21.

Shoshani, J., and R. Orenstein. (1994). "CITES at the Crossroads." *Swara* 17(5): 12–13.

Stiles, D. (2009). "CITES-Approved Ivory Sales and Elephant Poaching." *Pachyderm* 45: 150–53.

't Sas-Rolfes, M. (1997). "Elephants, Rhinos and the Economics of the Illegal Trade." *Pachyderm* 24: 23–29.

Thompson, C. (2004). "Co-producing CITES and the African Elephant." In S. Jasanoff, ed., *States of Knowledge: The Co-production of Science and the Social Order*, 67–86. London: Routledge.

Townsend, M. (1992). "Zimbabwe's Position on the Ivory Ban." *Swara* 15(1): 13–15.

Wasser, S.K., J. Poole, P. Lee et al. (2010). "Elephants, Ivory and Trade." *Science* 327: 1331–32.

Western, D. (1992). "Taking Stock of the Ivory Ban." *Swara* 15(1): 21–23.

Wijnstekers, W. (2011). *The Evolution of CITES: A Reference to the Convention on International Trade in Endangered Species of Wild Fauna and Flora*. 9th ed. Budapest: International Council for Game and Wildlife Conservation. www.cites.org/common/resources/Evolution_of_CITES_9.pdf.

Wu, J., and M. Phipps. (2002). *An Investigation of the Ivory Market in Taiwan*. Cambridge: TRAFFIC International.

Chapter 10: New Markets for Horn

Ammann, K. (2012). "Tiger Cake and Rhino Horn: A Walk on the Asian Wild Side." *Swara* (July–September): 32–37.

Blaine, S. (2012). "Vietnamese Minister Not Available to Sign Memorandum on Rhino Poaching." *Business Day*, October 18. www.bdlive.co.za/national/science/2012/10/18/vietnamese-minister-not-available-to-sign-memorandum-on-rhino-poaching.

CITES. (2004). Resolution Conf. 13.5 (Rev. CoP14).

———. (2012). "CITES Acts to Curb Smuggling of Elephant Ivory and Rhino Horn." Press release, July 31.

Dien, A. (2012). "Officials' Appetite for Rare Animals Hinders Conservation Effort." *Vietweek*, October 12. www.thanhniennews.com/index/pages/20121012-officials-appetite-for-rare-animals-hinders-conservation-effort.aspx.

du Preez, Y. (2012). "Fury as Poaching Charges Dropped." *The Post* (South Africa), April 5. <http://www.thepost.co.za/fury-as-poaching-charges-dropped-1.1270893>.

du Toit, R. (2002). "Black Rhino Crisis in Zimbabwe." *Pachyderm* 32: 83–85.

Emslie, R.H. (2011a). *Ceratotherium simum*. IUCN Red List of Threatened Species, version 2012.1. www.iucnredlist.org.

———. (2011b). *Diceros bicornis*. IUCN Red List of Threatened Species, version 2012.1. www.iucnredlist.org.

Europgroup for Animals. (2012). "SA, Vietnam Set to Sign Rhino Deal." Press release, August 21.

Gettleman, J. (2012). "Frenzy for Horns Threatens Rhino's Survival." *New York Times*, January 13.

Jacobs, R. (2012). "AK47s, Quack Medicine and Heaps of Cash: The Gruesome Rhino Horn Trade Explained." *Mother Jones*, August 15. <http://www.motherjones.com/environment/2012/08/rhino-horn-trade-explained>.

Milliken, T., R.H. Emslie and B. Talukdar. (2009). *African and Asian Rhinoceroses: Status, Conservation and Trade: A Report from the IUCN Species Survival Commission (IUCN-SSC) African and Asian Rhino Specialist Groups and TRAFFIC to the CITES Secretariat Pursuant to Resolution Conf. 9.14 (rev. CoP14) and Decision 14.89*. CITES CoP15 Doc. 45.1 Annex.

Milliken, T., and J. Shaw. (2012). *The South Africa–Viet Nam Rhino Horn Trade Nexus: A Deadly Combination of Institutional Lapses, Corrupt Wildlife Industry Professionals and Asian Crime Syndicates*. Johannesburg: TRAFFIC. www.traffic.org/species-reports/traffic-species_mammals66.pdf.

News24. (2012a). "Vets, Hunter in Court Again." June 12. www.news24.com/SouthAfrica/News/Vets-hunter-in-court-again-20120619.

———. (2012b). "SA, Vietnam Discuss Poaching." August 17. www.news24.com/SciTech/News/SA-Vietnam-discuss-poaching-20120817.

Potgieter, d.W. (2011). "Noted Vet Held on Rhino Poaching Charges." *The New Age*, November 24. http://thenewage.co.za/35933-1007-53-Noted_vet_held_on_rhino_poaching_charges.

Smillie, S. (2012). "The Evolution of a Rhino Poacher." *IOL Scitech*, December 19. www.iol.co.za/scitech/science/environment/the-evolution-of-a-rhino-poacher-1.1442771#.UOzZF6Wfv2k.

South Africa Department of Environmental Affairs. (2013). "Minister Molewa Updates South Africans on the Rhino Situation and Measures to Thwart Poaching." Media release, January 10. http://www.environment.gov.za/?q=content/molewa_updates_southafricans_rhinosituation_measures.

SouthAfrica.info. (2012). "SA, Vietnam to Sign Anti-poaching Pact." December 3. <http://www.southafrica.info/news/international/rhinos-051212.htm#.UQHubqWfv2m>.

TRAFFIC. (2012a). "CITES Bares Teeth, But Can It Bite?" Press release, July 27.

———. (2012b). "Viet Nam Acknowledges Severity of Rhino Trade." Press release, September 20.

UNODC. (2012). *Bulletin on Organised Crime in Southern Africa*. Pretoria: UNODC Regional Office for Southern Africa.

Vietcombank Fund Management. "Vietnam Market." <http://www.vcbf.com/en/vietnam-market.html> (accessed March 21, 2013).

Vietnam, Socialist Republic of. (2013). "Decision on Banning from Export, Import, Purchase and Sale of the Specimens of Some of Wild Fauna Species in Appendices to the Convention on International Trade in Endangered Species of Wild Fauna and Flora." Decision no. 11/2013/QĐ-TTg, January 24.

Vietnam Ministry of Natural Resources and Environment. (2012). "Rhino Horn Claim Unfounded." September 4. <http://vea.gov.vn/en/news/news/Pages/Rhino-horn-claim-unfounded.aspx>.

Wildlife Extra. (2012). "South Africa Vets & Hunters Involved in Rhino Poaching." July. <http://www.wildlife-extra.com/go/news/rhino-m99.html#cr>.

WWF. (2012). "New Agreement between South Africa and Vietnam: A Turning Point in Tackling Rhino Poaching Crisis, Say WWF, TRAFFIC." Press release, December 10. www.cisionwire.com/wwf-international/r/new-agreement-between-south-africa-and-vietnam--a-turning-point-in-tackling-rhino-poaching-crisis--c9347409.

Chapter 11: Behind the Surge

Agence France-Presse. (2012). "Philippines Expands Probe into 'Blood' Ivory." September 28.

Archie, E.A., and PI. Chiyo. (2012). "Elephant Behaviour and Conservation: Social Relationships, the Effects of Poaching, and Genetic Tools for Management." *Molecular Ecology* 21(3): 765–78.

Associated Press. (2013). "Wildlife Group Wants Thailand to Ban Ivory Trade." January 15.

Bangkok Post. (2013). "Thailand at the Centre of Rising Illegal Ivory Trade." January 13.

Bartholomew, D. (2013). "Father Cristobal Garcia: Priest Fled to the Philippines and Rose in the Church."

Daily News (Los Angeles), January 26. Updated January 29. http://www.dailynews.com/news/ci_22453515/father-cristobal-garcia-priest-fled-philippines-and-rose.

BBC. (2012). "Ivory Wars: Out of Africa." *Panorama*, April 12.

Bouché, P., I. Douglas-Hamilton, G. Wittemyer et al. (2011). "Will Elephants Soon Disappear from West African Savannahs?" *PLoS ONE* 6(6): e20619.

Burn, R.W., F.M. Underwood and J. Blanc. (2011). "Global Trends and Factors Associated with the Illegal Killing of Elephants: A Hierarchical Bayesian Analysis of Carcass Encounter Data." *PLoS ONE* 6(9): e24165.

Cebu Daily News. (2012a). "Is That Ivory New or Antique? Burden of Proof Is on the Owner." September 29.

———. (2012b). "Cardinal Favors 'Persona Non Grata' Status for Journalist." October 2.

Christy, B. (2012). "Ivory Worship." *National Geographic* (October). ngm.nationalgeographic.com/2012/10/ivory/christy-text.

CITES. (2010). *Monitoring of Illegal Killing of Elephants*. CoP15 Doc. 44.2 (Rev. 1).

———. (2012a). *Control of Trade in Ivory in China*. SC62 Inf. 8.

———. (2012b). *Ivory Trade Control in Thailand*. SC62 Doc. 46.2.

———. (2012c). *Supplementary Information on Document Sc62 Doc. 46.1*. SC62 Inf. 1.

———. (2013). *Monitoring the Illegal Killing of Elephants*. CoP16 Doc. 53.1.

Douglas-Hamilton, I. (2009). "The Current Elephant Poaching Trend." *Pachyderm* 45: 154–57.

———. (2012). "Ivory and Insecurity: The Global Implications of Poaching in Africa. Testimony of Iain Douglas-Hamilton, Founder and CEO, Save the Elephants, before the Committee on Foreign Relations, U.S. Senate, May 24, 2012." <http://www.elephantsinperil.org/news/ivory-and-insecurity-the-global-implications-of-poaching-in-africa>.

Douglas-Hamilton, I., G. Wittemyer and F. Ihwagi. (2010). *Levels of Illegal Killing of Elephants in the Laikipia-Samburu MIKE Site*. CITES CoP15 Inf. 40 (Rev. 1).

EIA. (2012). *Blood Ivory: Exposing the Myth of a Regulated Market*. London: EIA.

Eichenseher, T. (2008). "Poaching May Erase Elephants from Chad Wildlife Park." *National Geographic News*, December 11. <http://news.nationalgeographic.com/news/2008/12/081211-zakouma-elephants-missions.html>.

Fay, J.M. (2007). "Ivory Wars: Last Stand in Zakouma." *National Geographic* (March).

Fernandez, C. (2012). "Vatican Sacked Cebu Priest Months Ahead of Ivory Scandal, Says Church Exec."

Inquirer Visayas, September 27.

Hance, J. (2012). "Elephant Poachers Kill Unarmed Wildlife Ranger in Kenya." *Mongabay.com*, January 16.

Italy, Ministero delle politiche agricole, alimentari e forestali. (2012). "Si tratta di manufatti rappresentanti soggetti religiosi realizzati in avorio di elefante. Il costo della merce in vendita varia dai 400 ai 40.000 euro, per un valore complessivo oltre 150 mila euro." Press release, Corpo forestale dello stato, October 29.

Martin, E.B., and C. Martin. (2011). "Large and Mostly Legitimate: Hong Kong's Mammoth and Elephant Ivory Trade." *Pachyderm* 50: 37–49.

Martin, E.B., C. Martin and L. Vigne. (2011). "The Importance of Ivory in Philippine Culture." *Pachyderm* 50: 56–67.

Martin, E.B., and L. Vigne. (2011). *The Ivory Dynasty: A Report on the Soaring Demand for Elephant and Mammoth Ivory in Southern China*. London: Elephant Family, Aspinall Foundation and Columbus Zoo and Aquarium.

Milliken, T., R. Burn and L. Sangalakula. (2009). *The Elephant Trade Information System (ETIS) and the Illicit Trade in Ivory: A Report to the 15th Meeting of the Conference of the Parties to CITES*. Unpublished report, CITES CoP15 Annex 1.

Milliken, T., and L. Sangalakula. (2011). "ETIS Update Number Six: Progress in the Implementation of the Elephant Trade Information System (ETIS)." *Pachyderm* 50: 99–104.

The Nation (Thailand). (2012). "Ivory Traders Must Register by January." December 18.

Payne, O. (2013). "Vatican Responds to *National Geographic's* Correspondence about Religious Use of Ivory." January 22. <http://newswatch.nationalgeographic.com/2013/01/22/vatican-responds-to-national-geographics-correspondence-about-religious-use-of-ivory/>.

Poilecot, P. (2010). "Le braconnage et la population d'éléphants du parc national de Zakouma (Tchad)." *Bois et forêts des tropiques* 303(1).

Shoumatoff, A. (2011). "Agony and Ivory." *Vanity Fair* (August), 121–35.

Stiles, D. (2008). *An Assessment of the Illegal Ivory Trade in Viet Nam*. Selangor, Malaysia: TRAFFIC Southeast Asia.

———. (2009). *The Elephant and Ivory Trade in Thailand*. Selangor, Malaysia: TRAFFIC Southeast Asia.

———. (2011). "Elephant Meat and Ivory Trade in Central Africa." *Pachyderm* 50: 26–36.

Stiles, D., and E.B. Martin. (2008). "The USA's Ivory Markets: How Much of a Threat to Elephants?" *Pachyderm* 45: 67–76.

Sun Star (Cebu, Philippines). (2012). "Cebu a Transit Point; Ivory Goes to China." October 3.

Vigne, L., and E.B. Martin. (2008). "Survey of the Ivory Items for Retail Sale in Addis Ababa in 2008." *Pachyderm* 44: 65–71.

———. (2010). "Consumer Demand for Ivory in Japan Declines." *Pachyderm* 47: 45–54.

Wasser, S.K., B. Clark and C. Laurie. (2009). "The Ivory Trail." *Scientific American* 301: 68–76.

Wasser, S.K., C. Mailand, R. Booth et al. (2007). "Using DNA to Track the Origin of the Largest Ivory Seizure Since the 1989 Trade Ban." *Proceedings of the National Academy of Sciences of the United States of America* 104(10): 4228–33.

Whaley, F. (2012). "Priest Investigated in Ivory-Smuggling Enquiry in Philippines." *New York Times*, September 26.

Wu, S. (2013). "Kenya: China Has a Zero Tolerance on Illegal Ivory Trade." *The Star* (Kenya), February 8. <http://allafrica.com/stories/201302081534.html?viewall=1>.

Chapter 12: Rhinos and Prostitutes

ABC News. (2012). "Thai Prostitutes Used to Conceal Ivory Trafficking Ring." November 6. <http://www.abc.net.au/news/2012-11-06/an-thai-prostitutes-used-to-stage-fake-rhino-hunts/4355162>.

Blaine, S. (2012). "DA Asks Public Protector to Investigate North West Environmental Officials." November 12. <http://www.bdlive.co.za/national/science/2012/11/12/da-asks-public-protector-to-investigate-north-west-environmental-officials>.

CITES. (2013). "Consideration of Proposals for Amendment of Appendices I and II." CoP 16 Prop. 10. www.cites.org/eng/cop/16/prop/E-CoP16-Prop-10.pdf.

Dube, M. (2012). "South Africa: Hunters to Only Export One Trophy Horn per Year." Government Communication and Information System, April 16.

Gettleman, J. (2012). "Coveting Horns, Ruthless Smugglers Put Rhinos in the Cross Hairs." *New York Times*, December 31.

Gray, D. (2012). "Biggest Asian Wildlife Traffickers Are Untouchable." Associated Press, August 15.

Killing for Profit. (2012a). "Marnus Steyl to Face New Charges over Alleged Rhino 'Pseudo-hunts.'" December 4. <http://killingforprofit.com/2012/12/04/marnus-steyl-to-face-new-charges-over-alleged-rhino-pseudo-hunts/>.

———. (2012b). "Update: Steyl Granted Bail in 'Pseudo-hunt' Case." December 5. <http://killingforprofit.com/2012/12/05/update-steyl-granted-bail-in-pseudo-hunt-case/>.

Kogure, T. (2012). "Smugglers Exploit Loophole for Coveted African Rhino Horns." *Asahi Shimbun*, January 15. http://ajw.asahi.com/article/behind_news/social_affairs/AJ201301150094.

Lion Aid. (2012). "Elephant and Rhino Poaching: Big Fish and Little Fish." *Pieter's Blog*, November 20. <http://www.lionaid.org/blog/2012/11/>.

elephant-and-rhino-poaching-big-fish-and-little-fish.htm.

Milliken, T., and J. Shaw. (2012). *The South Africa-Viet Nam Rhino Horn Trade Nexus: A Deadly Combination of Institutional Lapses, Corrupt Wildlife Industry Professionals and Asian Crime Syndicates*. Johannesburg: TRAFFIC. www.traffic.org/species-reports/traffic_species_mammals66.pdf.

News24. (2013). "Two Rhino Killed a Day Since New Year." January 31. <http://www.news24.com/Green/News/Two-rhino-killed-a-day-since-New-Year-20130131>.

Rademeyer, J. (2012). *Killing for Profit: Exposing the Illegal Rhino Horn Trade*. Cape Town: Zebra Press.

South Africa, Republic of. (2009). "Marking of Rhinoceros Horn and Hunting of White Rhinoceros for Trophy Hunting Purposes." Notice 170. *Government Gazette*, February 13.

South Africa Department of Environmental Affairs. (2013). *Update on the Rhino Poaching Statistics*. February 6. http://www.environment.gov.za/?q=content/rhino_poaching_statistics.

Thanh Nien News. (2012). "\$191,000 Rhino Horn Missing from Bank Tycoon's Residence." October 4. [http://www.thanhniennews.com/index/pages/20121004-\\$191,000-rhino-horn-missing-from-bank-tycoon-residence.aspx](http://www.thanhniennews.com/index/pages/20121004-$191,000-rhino-horn-missing-from-bank-tycoon-residence.aspx).

Tuoi Tre News. (2012). "Man Who Gifts Rhino to Banker a Legal Hunter: CITES." October 9. <http://www.tuotitrenews.vn/cmlink/tuotitrenews/society/man-who-gifts-rhino-to-banker-a-legal-hunter-cites-1.88277>.

———. (2013). "Vietnam Bans Rhino Specimen Imports." January 29. <http://www.tuotitrenews.vn/cmlink/tuotitrenews/society/vietnam-bans-rhino-specimen-imports-1.97560#>.

Vietnam, Socialist Republic of. (2013). "Decision on Banning from Export, Import, Purchase and Sale of the Specimens of Some of Wild Fauna Species in Appendices to the Convention on International Trade in Endangered Species of Wild Fauna and Flora." Decision no. 11/2013/QĐ-TTg, January 24.

Wildlife Extra. (2012). "South Africa Changes Rules on Rhino Hunts: Halts Vietnamese for Now." July. <http://www.wildlifeextra.com/go/news/vietnamese-rhino-hunt.html#cr>.

Chapter 13: War on Elephants

Bauer, H. (2007). "Status of Large Carnivores in Bouba Ndjida National Park, Cameroon." *African Journal of Ecology* 45(3): 448–50.

Center for Conservation Biology. (2011). *Elephant Ivory Project*. March. <http://elephantivoryproject.org/2011/03/>.

Douglas-Hamilton, I. (2012). "Ivory and Insecurity: The Global Implications of Poaching in Africa. Testimony of Iain Douglas-Hamilton, Founder and CEO, Save the

Elephants, before the Committee on Foreign Relations, U.S. Senate, May 24, 2012." <http://www.elephantsinperil.org/news/ivory-and-insecurity-the-global-implications-of-poaching-in-africa>.

Douglas-Hamilton, I., and O. Douglas-Hamilton. (1992). *Battle for the Elephants*. New York: Viking.

Fay, J.M. (2012). "Elephant Guards Murdered in Chad." *A Voice for Elephants* (blog). *National Geographic NewsWatch*, September 28. <http://newswatch.nationalgeographic.com/2012/09/28/elephant-guards-murdered-in-chad/>.

France 24. (2012). "Okapis, Gorillas, Elephants: The Other Victims of War in Eastern DR Congo." August 28. <http://observers.france24.com/content/20120828-okapis-gorillas-elephants-other-victims-war-eastern-democratic-republic-congo-north-kivu-m23-rebels-nature-park>.

Gettleman, J. (2012). "Elephants Dying in Epic Frenzy as Ivory Fuels Wars and Profits." *New York Times*, September 4.

Greenfield, R. (1995). "Siad Barre" [obituary]. *The Independent*, January 3. <http://www.independent.co.uk/news/people/obituary-mohamed-said-barre-1566452.html>.

Hart, T. (2012). *Searching for Bonobo in Congo* (blog). July 3–13. <http://www.bonoboincongo.com/2012/07/03/okapi-attack-sends-shock-waves-through-the-ituri-forest/>.

IFAW. (2012). "Too Late: Military Intervention Fails to Halt Elephant Slaughter in Cameroon." Press release, March 12.

Invisible Children + Resolve. (2012). *LRA Crisis Tracker: Mid-Year Security Brief* (Jan.–June 2012). <https://salsa-democracyinaction.org/o/2241/images/LRA%20Crisis%20Tracker%202012%20Mid-Year%20Security%20Brief%20-%20FINAL.pdf>.

Kakabadse, Y. (2011). "The Fight Against Wildlife Crime: Enforcement v. Corruption." *Environmental Policy and Law* 41(3): 123–26.

Kouamo, E. (2012). "Cameroon: Massacre of Elephants." Radio Netherlands Worldwide, April 10.

Llanos, M. (2012a). "Baby Elephant Orphaned in Slaughter Finds a Foster Mom." NBC News, August 3. http://worldnews.nbcnews.com/_news/2012/08/03/13105056-baby-elephant-orphaned-in-slaughter-finds-a-foster-mom?lite.

———. (2012b). "Second Orphaned Elephant Found in Chad after Killings." NBC News, August 7. http://worldnews.nbcnews.com/_news/2012/08/07/13167596-second-orphaned-elephant-found-in-chad-after-killings?lite.

Neme, L. (2012). "Dozens of Elephants Massacred in Chad." *Mongabay.com*, July 26.

Nouredine, A. (2012). "Situation du braconnage des éléphants dans le Mayo Rey (secteur du Parc National de Bouba N'Djida, Nord Cameroun)." *Réseau des aires protégées d'Afrique Centrale* [RAPAC], February. http://www.rapac.org/index.php?option=com_content&view=article&id=390:situation-du-braconnage-des-elephants-dans-le-mayo-rey&catid=50&Itemid=71.

Platt, J.R. (2012). "The Martyrdom of Elephants: A Sad Tale of Greed." *Al Jazeera*, March 7.

Platt, J.R. (2012). "Cameroon Elephant Massacre Shows Poaching, Ivory Trade Require an International Response." *Extinction Countdown* (blog). *Scientific American*, March 20. <http://blogs.scientificamerican.com/extinction-countdown/2012/03/20/cameroun-elephant-massacre-poaching-ivory-trade/>.

Poilecot, P. (2010). "Le braconnage et la population d'éléphants du parc national de Zakouma (Tchad)." *Bois et forêts des tropiques* 303(1).

Shoumatoff, A. (2011). "Agony and Ivory." *Vanity Fair* (August), 121–35.

Winter, S. (2012). "Sickening Elephants' Graveyard Caused by Hatred and Greed." *Express*, April 8. <http://www.express.co.uk/news/world/313260/Sickening-elephants-graveyard-caused-by-hatred-and-greed>.

WWF. (2012). "Cameroon Increases Elephant Protection after Mass Slaughter." Press release, August 10.

Chapter 14: The Last Rhinos

Agence France-Presse. (2012). "Endangered Sumatran Rhino Gives Birth." June 23. <http://news.discovery.com/animals/zoo-animals/sumatran-rhino-birth-10623.htm>.

Ahmad Zafir, A.W., J. Payne, A. Mohamed et al. (2011).

"Now or Never: What Will It Take to Save the Sumatran Rhinoceros *Dicerorhinus sumatrensis* from Extinction?"

Oryx 45(2): 225–33.

Asian Rhino Foundation [De Neushoornstichting]. "Sumatran Rhino Sanctuary." *Asian Rhino*. <http://www.asianrhino.nl/English/project/srs.html>.

Brook, S., P.J.V. Coevorden de Groot, S. Mahood and B. Long. (2011). *Extinction of the Javan Rhinoceros (Rhinoceros sondaicus) from Vietnam*. Hanoi: WWF Vietnam.

Campbell, C. (2012). "Asian Rhino Specialist Group Meeting: Assessment Status of Sumatran and Javan Rhino in SE Asia." *The Rhino Print* (Winter): 16–17.

Christy, B. (2010). "Asia's Wildlife Trade: The Kingpin." *National Geographic* (January). <http://ngm.nationalgeographic.com/2010/01/asian-wildlife/christy-text>.

Cincinnati Zoo and Botanical Garden. (2010). "Sumatran Rhino Born at Cincinnati Zoo Provides Spark of Hope for Indonesia." Press Release, February 18. http://www.prweb.com/releases/Cincinnati_Zoo/Sumatran_Rhino/prweb3616444.htm.

———. (2012). "CREW's Signature Sumatran Rhino Project." <http://cincinnatizoo.org/conservation/crew/rhino-signature-project/sumatran-rhino/>.

Dinerstein, E. (2011). "Family Rhinocerotidae (Rhinoceros)." In D.E. Wilson and R.A. Mittermeier,

eds., *Handbook of the Mammals of the World*. Vol. 2, *Hoofed Mammals*, 144–81. Barcelona: Lynx Edicions.

Emslie, R.H. (2004). "Rhino Population Sizes and Trends." *Pachyderm* 37: 107–10.

Emslie, R.H., and M. Brooks. (1999). *African Rhino: Status Survey and Conservation Action Plan*. Gland, Switzerland: IUCN-SSC African Rhino Specialist Group.

Emslie, R.H., T. Milliken and B. Talukdar. (2013). *African and Asian Rhinoceroses: Status, Conservation and Trade. A Report from the IUCN Species Survival Commission (IUCN-SSC) African and Asian Rhino Specialist Groups and TRAFFIC to the CITES Secretariat pursuant to Resolution Conf. 9.14 (rev. CoP15)*. CITES CoP16 Doc. 54.2 (Rev. 1) Annex 2.

Goossens, B., and L.N. Ambu (2012). "Sabah Wildlife Department and 10 Years of Research: Towards a Better Conservation of Sabah's Wildlife." *Journal of Oil Palm and the Environment* 3: 38–51.

Groves, C.P., P. Fernando and J. Robovsky. (2010). "The Sixth Rhino: A Taxonomic Reassessment of the Critically Endangered Northern White Rhinoceros." *PLoS ONE* 5(4): e9703.

Hillman Smith, K. (1998). "The Current Status of the Northern White Rhino in Garamba." *Pachyderm* 25: 104–5.

———. (2001). "Status of Northern White Rhinos and Elephants in Garamba National Park, Democratic Republic of Congo, During the Wars." *Pachyderm* 31: 79–81.

IUCN-SSC African Rhino Specialist Group, French Committee, for IUCN-SSC and WWF. (2000).

"Conservation Strategy for Cameroon's Western Black Rhino, *Diceros bicornis longipes*." *Pachyderm* 29: 52–53.

Lagrot, I., J.-F. Lagrot and P. Bour. (2007). "Probable Extinction of the Western Black Rhino, *Diceros bicornis longipes*: 2006 Survey in Northern Cameroon." *Pachyderm* 43: 19–28.

Martin, E.B., and L. Vigne. (1997). "Good News for Rhinos." *Swara* 20(5): 13–14.

Milliken, T., R.H. Emslie and B. Talukdar. (2009). *African and Asian Rhinoceroses: Status, Conservation and Trade. A Report from the IUCN Species Survival Commission (IUCN-SSC) African and Asian Rhino Specialist Groups and TRAFFIC to the CITES Secretariat Pursuant to Resolution Conf. 9.14 (Rev. CoP14) and Decision 14.89*. CITES CoP15 Doc. 45.1 Annex.

Milliken, T., and J. Shaw. (2012). *The South Africa–Viet Nam Rhino Horn Trade Nexus: A Deadly Combination of Institutional Lapses, Corrupt Wildlife Industry Professionals and Asian Crime Syndicates*. Johannesburg: TRAFFIC.

Mongabay.com. (2011). "A Final Farewell: The Western Black Rhino Goes Extinct." November 12.

Platt, J.R. (2011). "Rare Northern White Rhino Dies of Old Age: And Then There Were 7 . . ." *Extinction Countdown* (blog). *Scientific American*, June 7. <http://blogs.scientificamerican.com/extinction-countdown/2011/06/07/rare-northern-white-rhino-dies-of-old-age/then-there-were-7/>.

Roundtable on Sustainable Palm Oil. (2013). "Sumatran Rhino Crisis Summit." Promotional flyer, March. <http://www.rspo.org/file/Sumatran%20Rhino%20Crisis%20Summit%201%20Jan%2013%20flyer.pdf>.

Thanh, N.V., and G. Polet. (2007). *Monitoring of Javan Rhinoceros in Cat Tien National Park, Vietnam, July–December 2006*. Areas Technical Report 11. WWF Asian Rhino and Elephant Action Strategy on Vietnam: Cat Tien National Park.

Chapter 15: Corruption, Theft and Organized Crime

Arkell, R. (2012). "Rhino Horn Restrictions to Include All 'Worked' Items." *Antiques Trade Gazette*, March 19. <http://www.antiquestradegazette.com/news/2012/mar/19/rhino-horn-restrictions-to-include-all-worked-items/>.

BBC News. (2013). "Ivory Haul from Africa Seized in Singapore." January 30.

Brown, L. (2012). "Elephant Graveyard: Customs Officers Seize Vast £2 Million Ivory Haul Weighing Four Tons and Featuring over 1,200 Pieces of Tusk." *Mail Online*, October 20. <http://www.dailymail.co.uk/news/article-2220589/Elephant-graveyard-Customs-officers-seize-vast-2million-ivory-haul-weighing-tons-featuring-1-200-pieces-tusk.html?ito=feeds-newsxml>.

Cape Times (Cape Town, South Africa). (2011). "Khaki-Collar Crime a Growing Evil." December 14. <http://www.highbeam.com/doc/1G1-27534892.html>.

CITES. (1997). "Trade in Elephant Specimens." Resolution Conf. 10.10.

———. (2012). *Elephant Conservation, Illegal Killing and Ivory Trade*. SC62 Doc. 46.1 (Rev. 1).

Dube, M. (2012). "Minister Cracks Whip on Horn Stockpiles." *News24*, April 5. <http://m.news24.com/news24/SouthAfrica/News/Minister-cracks-whip-on-horn-stockpiles-20120405>.

Duggan, B. (2013). "Traveller Crime Gang Held after European Police Raids." *Independent.ie*, January 16. <http://www.independent.ie/irish-news/traveller-crime-gang-held-after-european-police-raids-28959048.html>.

Europol. (2011). "Europol and Ireland Identify Organized Crime Group Active in Illegal Trading of Rhino Horn." July 7. <https://www.europol.europa.eu/content/press/europol-and-ireland-identify-organised-crime-group-active-illegal-trading-rhino-horn-9>.

Ferguson, K.K. (2012). "Trophy Hunting in Museums: Rhino Horn Thefts a Growing Problem in Europe." *Spiegel Online*, March 13. <http://www.spiegel.de/international/europe/rhino-horn-thefts-a-growing-problem-in-europe-a-821132.html>.

Gadling. (2011). "Thieves Steal Rhino Horn from Paris Museum." December. <http://www.gadling.com/2011/12/09/thieves-steal-rhino-horn-from-paris-museum>.

Gay, M. (2011). "White Rhino, Black Market: Why Old Stuffed Rhinos Now Command Top Dollar." *The Atlantic* (October). <http://www.theatlantic.com/magazine/archive/2011/10/white-rhino-black-market/308632/>.

Gray, D.D. (2012). "Biggest Asian Wildlife Traffickers Are Untouchable." Associated Press, August 15. <http://www.google.com/hostednews/ap/article/ALeqM5gbB1pzeiEqCsHSsQpy0eVtvr5r7g?docId=edfd4475e-3294a10b1db86f0023aec81>.

Hance, J. (2011). "Busted: 1,835 Elephant Tusks Confiscated in Two Seizures Connected by Malaysia." *Mongabay.com*, August 31.

Humane Society International. (2011). "Rhinoceros Horn Stockpiles: A Serious Threat to Rhinos." September 12. www.hsi.org/assets/pdfs/rhino_horn_stockpiles_report.pdf.

IFAW. (2012a). "China Applies Trade Ban to Wildlife Auctions." Press release, January 11. <http://www.ifaw.org/canada/news/china-applies-trade-ban-wildlife-auctions>.

———. (2012b). "Three Tonnes of Ivory Vanish as Thieves Loot Southern Africa Stockpiles." Press release, June 22. <http://www.sundaystandard.info/article.php?NewsID=13878&GroupID=1>.

Jacobs, R. (2012). "AK47s, Quack Medicine, and Heaps of Cash: The Gruesome Rhino Horn Trade Explained." *Mother Jones*, August 15. <http://www.motherjones.com/environment/2012/08/rhino-horn-trade-explained>.

Milliken, T., and L. Sangalakula. (2011). "ETIS Update Number Six: Progress in the Implementation of the Elephant Trade Information System (ETIS)." *Pachyderm* 50: 99–104.

Mozambique News Agency. (2012). "Mozambique: Six Tonnes of Ivory Stolen." July 9. <http://allafrica.com/stories/201207091550.html>.

O'Keefe, C., and K. Sheridan. (2012). "Traveller Gang Targeted over Stolen Rhino Horns." *Irish Examiner*, May 11. <http://www.irishexaminer.com/ireland/traveller-gang-targeted-over-stolen-rhino-horns-193541.html>.

Pitse, R. (2012). "Ivory Stolen from Government Wildlife Depot." *Sunday Standard* (Botswana), May 7. <http://www.sundaystandard.info/article.php?NewsID=13878&GroupID=1>.

Rademeyer, J. (2012). "Rhino Butchers Caught on Film at North West Game Farm." *Mail and Guardian* (Zambia), November 9. <http://mg.co.za/article/2012-11-08/rhino-butchers-caught-on-film>.

Starkey, J. (2013). "It's War, and in Africa: Killing Fields the Poachers Are Winning." *The Times* (London), February 1.

Suresh, S. (2012). "UN Members Heed Call to Get Tough on Environmental Crime." EIA, September 28. <http://www.eia-international.org/un-members-heed-eia-call-to-get-tough-on-environmental-crime.vixay>.

Teh, E.H. (2011). "695 Tusks Found in Port Klang." *The Star* (Malaysia), September 6.

Thome, W. (2013). "Kenya Fines Ivory Smugglers 340 Dollars as Uganda Proposes 10 Year Jail Term." *KenyaBuzz*, February 5. <http://www.kenyabuzz.com/lifestyle/kenya-fines-ivory-smugglers-340-dollars-as-uganda>.

Thornton, A., and D. Currey. (1991). *To Save an Elephant: The Undercover Investigation into the Illegal Ivory Trade*. London: Doubleday.

UN General Assembly. (2012). "Strengthening the United Nations Crime Prevention and Criminal Justice Programme, in Particular Its Technical Cooperation Capacity." A/C.3/67/L.15/Rev.1. http://www.cites.org/common/news/2012/UNGA_res_wildlife.pdf.

UNODC Southern Africa. (2012). "Rhino Poaching in Southern Africa." *Bulletin on Organized Crime in Southern Africa* 1.

US Department of State. (2012). "Remarks [by Secretary Clinton] at the Partnership Meeting on Wildlife Trafficking." November 8. <http://www.state.gov/secretary/rm/2012/11/200294.htm>.

US Senate Committee on Foreign Relations. (2012). "Kerry Statement, Senate Foreign Relations Committee Hearing on Ivory and Insecurity: The Global Implications of Poaching in Africa." May 24. http://www.foreign.senate.gov/press/chair/release/kerry-statement_senate-foreign-relations-committee-hearing-on--ivory-and-insecurity-the-global-implications-of-poaching-in-africa.

Weiss, K. (2012). "Father and Son Plead Guilty in Rhino Horn Smuggling." *Los Angeles Times*, September 16. <http://www.latimes.com/health/la-me-rhino-smugglers-20120916,0,7568821.story>.

Zambian Watchdog. (2012). "Ivory Stolen from ZAWA Armoury: Workers Point at Given Lubinda." June 18. <http://www.zambianwatchdog.com/2012/06/18/ivory-stolen-from-zawa-armoury-workers-point-at-given-lubinda>.

Chapter 16: Coming to Grips with Poaching

Alacs, E.A., A. Georges, N.N. Fitzsimmons and J. Robertson. (2010). "DNA Detective: A Review of Molecular Approaches to Wildlife Forensics." *Forensic Science, Medicine and Pathology* 6(3): 180–94.

Bennett, E.L. (2011). "Another Inconvenient Truth: The Failure of Enforcement Systems to Save Charismatic Species." *Oryx* 45(4): 476–79.

CITES. (2011). "The International Consortium on Combating Wildlife Crime." <http://www.cites.org/eng/prog/iccwc.php>.

———. (2012). "CITES Praises GEF for Approving Innovative Rhino Project." Press release, June 13. http://www.cites.org/eng/news/pr/2012/20120613_rhino-project.php.

———. (2013). "Asia, Africa and North America Join Hands to Crack Down on Wildlife Crime Syndicates." Operation Cobra press release, February 5. http://www.cites.org/eng/news/pr/2013/pr_operation_cobra.pdf.

Coastweek.com. (2012). "Kenya Wildlife Services Arrest Ivory Dealer with Elephant Tusks." September 21–27.

Congo Basin Forest Partnership. (2012). "Major Conclusions of COMIFAC Ministers Extraordinary Session in N'Djamena (Chad)." June 6. http://www.cbfp.org/news_en/items/Conseilministre-Djamen-2012-E.html.

Dinerstein, E. (2011). "Family Rhinocerotidae (Rhinoceroses)." In D.E. Wilson and R. A. Mittermeier, eds., *Handbook of the Mammals of the World*. Vol. 2, *Hoofed Mammals*, 144–81. Barcelona: Lynx Edicions.

Douglas-Hamilton, I. (2012). "Ivory and Insecurity: The Global Implications of Poaching in Africa. Testimony of Iain Douglas-Hamilton, Founder and CEO, Save the Elephants, before the Committee on Foreign Relations, U.S. Senate, May 24, 2012." <http://www.elephantsinperil.org/news/ivory-and-insecurity-the-global-implications-of-poaching-in-africa>.

Global Times. (2013). "China Leads Crackdown on Trade in Endangered Species." February 18. <http://www.globaltimes.cn/content/762127.shtml>.

Gupta, S.K., K. Thangaraj and L. Singh. (2011). "Identification of the Source of Ivory Idol by DNA Analysis." *Journal of Forensic Sciences* 56(5): 1343–45.

Hawa, R. (2012). "Kenya: Five Rangers, 78 Elephants Killed by Poachers in a Year." *The Star* (Kenya), May 10. <http://allafrica.com/stories/201205111224.html>.

Henshall, A. (2012). "Elephants Now Think Twice about Midnight Snacks in Tanzania: Farmers Find a Whiff of Chili Pepper Sends Pachyderms Packing and Saves Corn Crops." *Wall Street Journal*, April 15. <http://online.wsj.com/article/SB1000142405270230381540457733780433251036.html>.

IFAW. (2012). "Three Tonnes of Ivory Vanish as Thieves Loot Southern Africa Stockpiles." Press release, June 22. <http://www.sundaystandard.info/article.php?NewsID=13878&GroupID=1>.

INTERPOL. (2012). "INTERPOL: 200 Arrested in Biggest Crackdown on Elephant Slaughter." Press release, June 19. http://worldnews.msnbc.msn.com/_news/2012/06/19/12303417-interpol-200-arrested-in-biggest-crackdown-on-elephant-slaughter?lite.

———. "Project Wisdom." <http://www.interpol.int/Crime-areas/Environmental-crime/Projects/Project-Wisdom> (accessed March 20, 2013).

Ishida, Y., N.J. Georgiadis, T. Hondo and A.L. Roca. (2013). "Triangulating the Provenance of African Elephants Using Mitochondrial DNA." *Evolutionary Applications* 6(2): 253–65.

Jadhav, S., and M. Barua. (2012). "The Elephant Vanishes: Impact of Human–Elephant Conflict on People's Wellbeing." *Health Place* 18(6): 1356–65.

Keane, A., J.P.G. Jones, G. Edwards-Jones and E.J. Milner-Gulland. (2008). "The Sleeping Policeman: Understanding Issues of Enforcement and Compliance in Conservation." *Animal Conservation* 11(2): 75–82.

Kiuru, W. (2008). "Human–Elephant Conflicts in Africa: Who Has the Right-of-Way?" In C. Wemmer and C.A. Christen, eds., *Elephants and Ethics: Toward a Morality of Coexistence*, 383–97. Baltimore, MD: Johns Hopkins University Press.

Koross, K. (2012). "We Will Contain Poaching: KWS Director Julius Kipngetich." *The Star* (Kenya), April 22. <http://www.the-star.co.ke/lifestyle/128-lifestyle/72557-we-will-contain-poaching-kws-director-julius-kipngetich>.

Liu, R., J. Duan, S. Guo et al. (2012). "Development of a Fingerprint Method for Animal Horn Classification by Liquid Chromatography Coupled with Hierarchical Clustering Analysis." *Journal of Liquid Chromatography and Related Technologies* 35(2): 205–14.

Lusaka Agreement Task Force. *Lusaka Agreement on Cooperative Enforcement Operations Directed at Illegal Trade in Wild Fauna and Flora*. <http://www.lusakaagreement.org/about.html> (accessed March 20, 2013).

———. (2012). "Poaching Masterminds Arrested During a LATF-ZAWA Joint Operation in Zambia's Southern Province." http://www.lusakaagreement.org/latf_zawa_poaching.html.

Martin, E.B. (2010). "Effective Law Enforcement in Ghana Reduces Elephant Poaching and Illegal Ivory Trade." *Pachyderm* 48: 24–32.

Martin, E.B., and L. Vigne. (2011). "Illegal Ivory Sales in Egypt." *TRAFFIC Bulletin* 23(3): 117–22.

May, C. (1997). "The History of the Tanzania Ivory Trade pre-Appendix I and the International Ivory Trade Ban." In *Proceedings of the African Elephant Conference*, 9–15. London: EIA.

Mwadime, R. (2012). "Kenya: Two KWS Rangers Killed by Poachers in Taita." *Nairobi Star*, March 5. <http://allafrica.com/stories/201203060012.html>.

Nowell, K. (2012). *Wildlife Crime Scorecard: Assessing Compliance with and Enforcement of CITES Commitments for Tigers, Rhinos and Elephants*. Gland, Switzerland: WWF.

Odgen, R. (2010). "Forensic Science, Genetics and Wildlife Biology: Getting the Right Mix for a Wildlife DNA Forensics Lab." *Forensic Science, Medicine and Pathology* 6(3): 172–79.

Pioneer News Service. (2012). "Tracey Sniffs Out 32 Kg Ivory in Dalmatia." February 8. <http://dailypioneer.com/nation/41263-tracey-sniffs-out-32-kg-ivory-in-dalma.html>.

PRWeb. (2012). "New Hope for Elephants under Threat in Central Africa." Press release, June 6. http://www.prweb.com/releases/world_wildlife_fund/COMIFAC_elephants/prweb9581667.htm.

Sitati, N.W., M.W. Walpole, N. Leader-Williams and P.J. Stephenson. (2012). "Human-Elephant Conflict: Do Elephants Contribute to Low Mean Grades in Schools within Elephant Ranges?" *International Journal of Biodiversity and Conservation* 4(15): 614-20.

Starkey, J. (2013). "It's War, and in Africa's Killing Fields the Poachers Are Winning." *The Times* (London), February 1. <http://www.thetimes.co.uk/tto/environment/wildlife/article3674490.ece>.

UNEP. (2005). *A Decade of Regional Wildlife Law Enforcement: The Case of the Lusaka Agreement*. [http://www.lusakaagreement.org/Documents/Microsoft Word-LATF Evaluation Report.pdf](http://www.lusakaagreement.org/Documents/Microsoft%20Word-LATF%20Evaluation%20Report.pdf).

Voice of America. (2012). "Interpol Conducts 'War' on Poaching in Africa." November 26. <http://www.voanews.com/content/interpol-conducts-war-on-poaching-in-africa/1553523.html>.

Walpole, M., and M. Linkie, eds. (2007). "Mitigating Human-Elephant Conflict: Case Studies from Africa and Asia." *Fauna and Flora International Conservation Reports*. Cambridge: Fauna and Flora International.

Wasser, S.K., B. Clark and C. Laurie. (2009). "The Ivory Trail." *Scientific American* 301: 68-76.

Wasser, S.K., W.J. Clark, O. Drori et al. (2008). "Combating the Illegal Trade in African Elephant Ivory with DNA Forensics." *Conservation Biology* 22(4): 1065-71.

Wasser, S.K., C. Mailand, R. Booth et al. (2007). "Using DNA to Track the Origin of the Largest Ivory Seizure since the 1989 Trade Ban." *Proceedings of the National Academy of Sciences of the United States of America* 104(10): 4228-33.

Wijnstekers, W. (2011). *The Evolution of CITES: A Reference to the Convention on International Trade in Endangered Species of Wild Fauna and Flora*. 9th ed. Budapest: International Council for Game and Wildlife Conservation. www.cites.org/common/resources/Evolution_of_CITES_9.pdf.

WWF. (2012). "Countries Fail to Protect Endangered Species from Illegal Trade." Press release, July 23. http://wwf.panda.org/who_we_are/wwf_offices/south_africa/?uNewsID=205743.

Chapter 17: Should Trade Be Legalized?

Bega, S. (2011). "Rhino Poachers Preying on Cancer Sufferers." *Pretoria News*, March 14. <http://www.iol.co.za/scitech/science/environment/rhino-poachers-preying-on-cancer-sufferers-1.1041630#.URrwiaWfv2k>.

Business Day. (2012a). "SA Mulling Rhino-Horn Trade, Says Minister." May 2. <http://www.bdlive.co.za/articles/2012/05/02/za-mulling-rhino-horn-trade-says-minister;jsessionid=CA74C49BA9954D0D208242A74D4423A1.present2.bdfm>.

———. (2012b). "SA to Defer Decision on Rhino Proposal till 2016." October 4.

China Daily. (2013). "Measures Curb Illegal Ivory Trade in China." February 22. http://www.china.org.cn/environment/2013-02/22/content_28027565.htm.

CITES. (2013). "Decision-Making Mechanism for a Process of Trade in Ivory." CoP16 Doc. 36 (Rev. 1). <http://www.cites.org/eng/cop/16/doc/E-CoP16-36.pdf>.

Cook, D. (2012). "Make It Legal." *The Witness* (Pietermaritzburg, South Africa), October 16.

Cota-Larson, R. (2013). "Rhinos from South Africa to China: A Troubling Timeline." *Annamiticus*. <http://annamiticus.com/Reports/TroublingTimeline.pdf>.

Dinerstein, E. (2003). *The Return of the Unicorns: The Natural History and Conservation of the Greater One-horned Rhinoceros*. New York: Columbia University Press.

Hartley, W., and S. Blaine. (2012). "Rhino Horn Trade Viable for SA?" *Business Day*, May 4.

Jacobsen, T. (2012). *Rhino and Vicuña: A Parallel*. http://www.rhinoresourcecenter.com/pdf_files/133/1313765741.pdf.

Lichtenstein, G. (2012). "Vicuñas: Does Population Recovery Mean a Success for Sustainable Use?" *SULiNews* 2. [http://www.iucn.org/about/union/commissions/sustainable_use_and_livelihoods_specialist_group/sulinews/issue_2/sn2_vicunas/](http://www.iucn.org/about/union/commissions/sustainable_use_and_livelihoods_specialist_group/sulinews/issue_2/sn2_vicunas/.).

Maendaenda, C. (2013). "Tanzania: Govt Probes Poaching Rise." *East African Business Week*, January 27. <http://allafrica.com/stories/201301282083.html>.

Martin, E.B., and L. Vigne. (2011). *The Ivory Dynasty: A Report on the Soaring Demand for Elephant and Mammoth Ivory in Southern China*. London: Elephant Family, Aspinall Foundation and Columbus Zoo and Aquarium.

Martin, R.B., D.H.M. Cumming, G.C. Craig et al. (2012). "Decision-Making Mechanisms and Necessary Conditions for a Future Trade in African Elephant Ivory: Final Report." CITES SC62 Doc 46.4 Annex.

McAllister, R.R., D. McNeill and I.J. Gordon. (2009). "Legalizing Markets and the Consequences for Poaching of Wildlife Species: The Vicuña as a Case Study." *Journal of Environmental Management* 90(1): 120-30.

Milliken, T., and J. Shaw. (2012). *The South Africa-Viet Nam Rhino Horn Trade Nexus: A Deadly Combination of Institutional Lapses, Corrupt Wildlife Industry Professionals and Asian Crime Syndicates*. Johannesburg: TRAFFIC.

Mkinga, M. (2012). "Dar Drops Bid to Sell Sh89bn Ivory Stockpile." *The Citizen* (Tanzania), December 25. <http://thecitizen.co.tz/component/content/article/37-tanzania-top-news-story/27899-dar-drops-bid-to-sell-sh89bn-ivory-stockpile.html>.

Moyle, B. (2013). "Brendan Moyle: Legal Ivory Trade Not Cause of Elephant Poaching." *New Zealand Herald*, February 12. http://www.nzherald.co.nz/opinion/news/article.cfm?c_id=466&objectid=10864746.

Chapter 18: Dealing with Demand

China Daily. (2013). "Measures Curb Illegal Ivory Trade in China." February 22. http://www.china.org.cn/environment/2013-02/22/content_28027565.htm.

CITES. (2012). *Control of Trade in Ivory in China*. SC62 Inf. 8.

Nowell, K. (2012a). "Assessment of Rhino Horn as a Traditional Medicine." CITES SC62 Doc. 47.2 Annex (Rev. 2).

———. (2012b). *Wildlife Crime Scorecard: Assessing Compliance with and Enforcement of CITES Commitments for Tigers, Rhinos and Elephants*. Gland, Switzerland: WWF.

Omar, C. (2013). "Africa Focus: China Pledges to Back Kenya's Wildlife Conservation Efforts." *Xinhua News Agency*, February 23. <http://www.nzweek.com/world/africa-focus-china-pledges-to-back-kenyas-wildlife-conservation-efforts-508077>.

Radio Free Asia. (2012). "A Champion of Elephants." November 9. <http://www.rfa.org/english/women/animal-11092012132430.html>.

Starkey, J. (2013). "It's War, and in Africa's Killing Fields the Poachers Are Winning." *The Times* (London), February 1.

't Sas-Rolfes, M. (1997). "Elephants, Rhinos and the Economics of the Illegal Trade." *Pachyderm* 24: 23-29.

Yang, S.Z. (trans.). (1998). *The Divine Farmer's Materia Medica: A Translation of the Shen Nong Ben Cao Jing*. Boulder, CO: Blue Poppy Press.

Chapter 19: The Future

AEC. (2012). "Elephant Crisis: 25 African Countries Sound the Alarm." Press communiqué, September.

African Wildlife Foundation. (2012). "Rhino Summit Emergency Plan of Action: Toward a Comprehensive Response to the Rhino Poaching Crisis." <http://www.awf.org/documents/RhinoActionPlan2.pdf>.

Agence France-Presse. (2013). "Charging China Demand Drives Deadly Ivory Trade." February 28. <http://globalnation.inquirer.net/65923/charging-china-demand-drives-deadly-ivory-trade#sthash.sHQff6Uo.dpuf>.

Biggs, D., F. Courchamp, R. Martin and H.P. Possingham. (2013). "Legal Trade of Africa's Rhino Horns." *Science* 339 (March 1): 1038-39.

Burn, R.W., F.M. Underwood and J. Blanc. (2011). "Global Trends and Factors Associated with the Illegal Killing of Elephants: A Hierarchical Bayesian Analysis of Carcass Encounter Data." *PLoS ONE* 6(9): e24165.

Ceballos, E. (2013). *Internet Trade of Elephant Ivory in Africa and Asia*. New Westminster, BC: CATCA and ACWE.

CITES. "Action Plan for the Control of Trade in Elephant Ivory." CoP14, Annex 2. <http://www.cites.org/eng/dec/valid14/annex2.shtml>.

———. (2010). "African Elephant Action Plan." CoP15 Inf. 68.

———. (2011). "African Elephant Fund Launched at CITES Meeting," Press release, August 19. http://www.cites.org/eng/news/pr/2011/20110819_SC61.pdf.

———. (2013). "Proposed New Resolution Concerning the African Elephant Action Plan and African Elephant Fund (Nigeria and Rwanda)." CoP16 Doc. 53.3 (Rev. 2). <http://www.cites.org/eng/cop/16/doc/E-CoP16-53-03.pdf>.

Indonesia Ministry of Forestry. (2007). "Strategy and Action Plan for the Conservation of Rhinos in Indonesia." http://www.dephut.go.id/files/badak_1.pdf.

Knight, M. (2012). "The Rhino Dilemma." *SULiNews* 2. http://www.iucn.org/about/union/commissions/sustainable_use_and_livelihoods_specialist_group/sulinews/issue_2/sn2_rhinodebate/.

Levin, D. (2013). "From Elephants' Mouths, an Illicit Trail to China." *New York Times*, March 1. <http://www.nytimes.com/2013/03/02/world/asia/an-illicit-trail-of-african-ivory-to-china.html?pagewanted=all&r=0>.

Lianxing, L. (2013). "Progress Made in Fight Against Wildlife Crime." *China Daily*, March 6. http://africa.chinadaily.com.cn/china/2013-03/06/content_16281114.htm.

Nepal Department of National Parks and Wildlife Conservation. (2006). *The Greater One-horned Rhinoceros Conservation Action Plan for Nepal (2006-2011)*. assets.panda.org/downloads/rhino_action_plan_25aug_06_low.pdf.

Sabah [Malaysia] Wildlife Department. (2011). *Rhinoceros Action Plan, 2012-2016*. <http://www.borneotrust.com/BorneoTrust/BCT-%20Rhino%20Action%20Plan%202012.pdf>.

South Africa Department of Environmental Affairs. (2010). *National Strategy for the Safety and Security of Rhinoceros Populations in South Africa*. http://www.rhinoresourcecenter.com/pdf_files/130/1301008151.pdf.

———. (2011). *A Study on Dehorning African Rhinoceroses as a Tool to Reduce the Risk of Poaching*. https://www.environment.gov.za/sites/default/files/docs/studyon_dehorning_african_rhinoceros.pdf.

———. (2013a). "Biodiversity Management Plan for the Black Rhinoceros (*Diceros bicornis*) in South Africa, 2011-2020." https://www.environment.gov.za/sites/default/files/gazetted_notices/biodiversity_management_plan_blackrhino.pdf.

———. (2013b). "Media Statement by the Minister of Water and Environmental Affairs, Mrs. Edna Molewa, on Rhino Poaching Intervention and the Position of South Africa to the 16th Conference of Parties of the Convention in International Trade in Endangered Species of Fauna and Flora (CITES)." February 28.

Postscript: The 2013 CITES Meeting

Asian Scientist. (2013). "Thai Buddhist Leaders Call for End to Ivory Use." March 11. <http://www.asianscientist.com/topnews/thai-buddhist-leaders-call-ivory-2013/>.

CITES. (2013a). "Decision-Making Mechanism for a Process of Trade in Ivory." CoP16 Com. II.18. <http://www.cites.org/common/cop/16/com/E-CoP16-Com-II-18.pdf>.

———. (2013b). "Draft Revision of Resolution Conf. 10.10 (Rev. CoP15) on Trade in Elephant Specimens." CoP 16 Doc. 26 (Rev. 1). <http://www.cites.org/eng/cop/16/doc/E-CoP16-26.pdf>.

———. (2013c). "Draft Revision of Resolution Conf. 10.10 (Rev. CoP15) on Trade in Elephant Specimens." Committee II. CoP16 Com. II.26. <http://www.cites.org/common/cop/16/com/E-CoP16-Com-II-26.pdf>.

———. (2013d). "Elephant Conservation, Illegal Killing and Ivory Trade." SC63 Doc. 18. <http://www.cites.org/eng/com/sc/63/E-SC63-18.pdf>.

———. (2013e). "Monitoring of Illegal Trade in Ivory and Other Elephant Specimens." CoP16 Com. II. 22. <http://www.cites.org/common/cop/16/com/E-CoP16-Com-II-22.pdf>.

———. (2013f). "National Ivory Action Plans." SC64 Doc. 2. <http://www.cites.org/eng/com/sc/64/E-SC64-02.pdf>.

———. (2013g). "Opening Statement by Her Excellency Prime Minister of the Kingdom of Thailand, Yingluck Shinawatra." March 3. Sixteenth Meeting of the Conference of the Parties to the Convention on International Trade in Endangered Species of Wild Flora and Fauna, March 3-14, 2013, Bangkok, Thailand. http://www.cites.org/eng/cop/16/open/th_pm.php.

———. (2013h). "Proposal to Amend the Annotation for *Ceratotherium simum simum*." Cop 16 Prop. 10. www.cites.org/eng/cop/16/prop/E-CoP16-Prop-10.pdf.

———. (2013i). "Proposal to Amend the Annotation for *Loxodonta africana*." CoP16 Prop. 12. <http://www.cites.org/eng/cop/16/prop/E-CoP16-Prop-12.pdf>.

———. (2013j). "Proposed New Resolution Concerning the African Elephant Action Plan and African Elephant Fund." CoP16 Com. II.17. <http://www.cites.org/common/cop/16/com/E-CoP16-Com-II-17.pdf>.

———. (2013k). "Proposed Revision of Resolution Conf. 10.9 on *Consideration of Proposals for the Transfer of African Elephant Populations from Appendix I to Appendix II*." CoP16 Com. II.19. <http://www.cites.org/common/cop/16/com/E-CoP16-Com-II-19.pdf>.

———. (2013l). "Rhinoceroses." Draft Decisions of the Conference of the Parties. Committee II. CoP16 Com. II.24. <http://www.cites.org/common/cop/16/com/E-CoP16-Com-II-24.pdf>.

McGrath, M. (2013). "'Gang of Eight' on Ivory Probation." BBC News, March 14. <http://www.bbc.co.uk/news/science-environment-21788664>.

Reuters. (2013). "Poachers Kill 28 Forest Elephants in Cameroon - WWF" March 13. <http://www.chicagotribune.com/sns-rt-cameroon-poachersl6n0c56c3-20130313,0,2016676.full.story>.

Sarnsamak, P. (2013). "Tourists Told Not to Buy Any Ivory Products." *The Nation* (Thailand), March 14. <http://www.nationmultimedia.com/national/Tourists-told-not-to-buy-any-ivory-products-30201906.html>.

South Africa Department of Environmental Affairs.

(2013b). "Media Statement by the Minister of Water and Environmental Affairs, Mrs. Edna Molewa, on Rhino Poaching Intervention and the Position of South Africa to the 16th Conference of Parties of the Convention in International Trade in Endangered Species of Fauna and Flora (CITES)." February 28.

Sitati, N.W., M.W. Walpole, N. Leader-Williams and P.J. Stephenson. (2012). "Human-Elephant Conflict: Do Elephants Contribute to Low Mean Grades in Schools within Elephant Ranges?" *International Journal of Biodiversity and Conservation* 4(15): 614-20.

Starkey, J. (2013). "It's War and in Africa's Killing Fields the Poachers Are Winning." *The Times* (London), February 1. <http://www.thetimes.co.uk/tto/environment/wildlife/article3674490.ece>.

UNEP. (2005). *A Decade of Regional Wildlife Law Enforcement: The Case of the Lusaka Agreement*. <http://www.lusakaagreement.org/Documents/Microsoft%20Word-LATF%20Evaluation%20Report.pdf>.

Voice of America. (2012). "Interpol Conducts 'War' on Poaching in Africa." November 26. <http://www.voanews.com/content/interpol-conducts-war-on-poaching-in-africa/1553523.html>.

Walpole, M., and M. Linkie, eds. (2007). "Mitigating Human-Elephant Conflict: Case Studies from Africa and Asia?" *Fauna and Flora International Conservation Reports*. Cambridge: Fauna and Flora International.

Wasser, S.K., B. Clark and C. Laurie. (2009). "The Ivory Trail." *Scientific American* 301: 68-76.

Wasser, S.K., W.J. Clark, O. Drori et al. (2008). "Combating the Illegal Trade in African Elephant Ivory with DNA Forensics." *Conservation Biology* 22(4): 1065-71.

Wasser, S.K., C. Mailand, R. Booth et al. (2007). "Using DNA to Track the Origin of the Largest Ivory Seizure since the 1989 Trade Ban." *Proceedings of the National Academy of Sciences of the United States of America* 104(10): 4228-33.

Wijnstekers, W. (2011). *The Evolution of CITES: A Reference to the Convention on International Trade in Endangered Species of Wild Fauna and Flora*. 9th ed. Budapest: International Council for Game and Wildlife Conservation. www.cites.org/common/resources/Evolution_of_CITES_9.pdf.

WWF. (2012). "Countries Fail to Protect Endangered Species from Illegal Trade." Press release, July 23. http://wwf.panda.org/who_we_are/wwf_offices/south_africa/?UNewsID=205743.

Chapter 17: Should Trade Be Legalized?

Bega, S. (2011). "Rhino Poachers Preying on Cancer Sufferers." *Pretoria News*, March 14. <http://www.iol.co.za/scitech/science/environment/rhino-poachers-preying-on-cancer-sufferers-1.1041630#.URrwiaWfv2k>.

Business Day. (2012a). "SA Mulling Rhino-Horn Trade, Says Minister." May 2. <http://www.bdlive.co.za/articles/2012/05/02/sa-mulling-rhino-horn-trade-says-minister;jsessionid=CA74C49BA9954D0D208242A74D4423A1.present2.bdfm>.

———. (2012b). "SA to Defer Decision on Rhino Proposal till 2016." October 4.

China Daily. (2013). "Measures Curb Illegal Ivory Trade in China." February 22. http://www.china.org.cn/environment/2013-02/22/content_28027565.htm.

CITES. (2013). "Decision-Making Mechanism for a Process of Trade in Ivory." CoP16 Doc. 36 (Rev. 1). <http://www.cites.org/eng/cop/16/doc/E-CoP16-36.pdf>.

Cook, D. (2012). "Make It Legal." *The Witness* (Pietermaritzburg, South Africa), October 16.

Cota-Larson, R. (2013). "Rhinos from South Africa to China: A Troubling Timeline." *Annamiticus*. <http://annamiticus.com/Reports/TroublingTimeline.pdf>.

Dinerstein, E. (2003). *The Return of the Unicorns: The Natural History and Conservation of the Greater One-horned Rhinoceros*. New York: Columbia University Press.

Hartley, W., and S. Blaine. (2012). "Rhino Horn Trade Viable for SA?" *Business Day*, May 4.

Jacobsen, T. (2012). *Rhino and Vicuña: A Parallel*. http://www.rhinoresourcecenter.com/pdf_files/133/1331765741.pdf.

Lichtenstein, G. (2012). "Vicuñas: Does Population Recovery Mean a Success for Sustainable Use?" *SULINews* 2. http://www.iucn.org/about/union/commissions/sustainable_use_and_livelihoods_specialist_group/sulinews/issue_2/sn2_vicunas.pdf.

Maendaenda, C. (2013). "Tanzania: Govt Probes Poaching Rise." *East African Business Week*, January 27. <http://allafrica.com/stories/201301282083.html>.

Martin, E.B., and L. Vigne. (2011). *The Ivory Dynasty: A Report on the Soaring Demand for Elephant and Mammoth Ivory in Southern China*. London: Elephant Family, Aspinall Foundation and Columbus Zoo and Aquarium.

Martin, R.B., D.H.M. Cumming, G.C. Craig et al. (2012). "Decision-Making Mechanisms and Necessary Conditions for a Future Trade in African Elephant Ivory: Final Report." CITES SC62 Doc 46.4 Annex.

McAllister, R.R., D. McNeill and I.J. Gordon. (2009). "Legalizing Markets and the Consequences for Poaching of Wildlife Species: The Vicuña as a Case Study." *Journal of Environmental Management* 90(1): 120-30.

Milliken, T., and J. Shaw. (2012). *The South Africa-Viet Nam Rhino Horn Trade Nexus: A Deadly Combination of Institutional Lapses, Corrupt Wildlife Industry Professionals and Asian Crime Syndicates*. Johannesburg: TRAFFIC.

Mkinga, M. (2012). "Dar Drops Bid to Sell Sh89bn Ivory Stockpile." *The Citizen* (Tanzania), December 25. <http://thecitizen.co.tz/component/content/article/37-tanzania-top-news-story/27899-dar-drops-bid-to-sell-sh89bn-ivory-stockpile.html>.

Moyle, B. (2013). "Brendan Moyle: Legal Ivory Trade Not Cause of Elephant Poaching." *New Zealand Herald*, February 12. http://www.nzherald.co.nz/opinion/news/article.cfm?c_id=466&objectid=10864746.

News24. (2012). "Hunters: Lift Ban on Rhino Trade." March 30. <http://www.news24.com/SciTech/News/Hunters-Lift-ban-on-rhino-trade-20120330>.

O'Criodain, C. (2012). "Rhino Poaching: A Contribution to the Debate." *SULINews* 2. http://www.iucn.org/about/union/commissions/sustainable_use_and_livelihoods_specialist_group/sulinews/issue_2/sn2_rhinodebate.pdf.

En Perú. (2009). "Poachers Return to the Southern Andes Killing Thousands of Vicuñas." October 16. <http://enperublog.com/2009/10/16/poachers-return-to-the-southern-andes-killing-thousands-of-vicunas/>.

Pillay, K. (2012). "Appeal for One-Off Rhino Horn Auction." *Independent Newspapers*, October 1. <http://www.thepost.co.za/appeal-for-one-off-rhino-horn-auction-1.1393594#UGmsplGOzzw>.

Player, I., and A. Fourie. (2011). "How to Win the War Against Poachers." *Daily News* (South Africa), December 16.

Pot-Shot. (2012). "SAHGCA Puts Case for Sustainable Rhino Conservation to Parliament." January 23. <http://www.pacificbreeze353.com/newsletters/index.cfm?y=article&company=17&article=3997&nl=605&click=web&subsection=50&dangu=1>.

Reuters. (2012). "Legalising Rhino Horn Trade in Focus." April 26.

Saiboko, A. (2012). "Tanzania: Govt Probes Ivory Seized in China." *Tanzania Daily News*, November 1. <http://allafrica.com/stories/201211010182.html>.

Sethi, N. (2012). "South African Demand for Legal Trade in Rhino Horns Leaves India Jittery." *TNN*, May 16. http://articles.timesofindia.indiatimes.com/2012-05-16/flora-fauna/31725352_1_trade-in-rhino-horns-indian-rhino-dudhwa-national-park.

't. Sas-Rolfes, M. (2012a). "The Rhino Poaching Crisis: A Market Analysis." <http://www.rhino-economics.com/the-rhino-poaching-crisis-a-market-analysis.pdf>.

———. (2012b). "Escalation of Rhino Poaching in South Africa: Is the Trade Ban Approach Working?" *SULINews* 1 (May). http://www.iucn.org/about/union/commissions/sustainable_use_and_livelihoods_specialist_group/sulinews/issue_1/sn1_rhino.pdf.

Tanzania Daily News. (2012). "Tanzania: Poachers Are a Menace, Eliminate Them Now." August 13. <http://allafrica.com/stories/201208130077.html>.

Time. (2011). "TIME Magazine Exposes Plans for Chinese Rhino Farming." June 7.

Walker, C., and A. Walker. (2012). *The Rhino Keepers: Struggle for Survival*. Johannesburg: Jacana Media.

Wild, F. (2012). "Horns of a Dilemma." *Washington Post*, May 18.

Xinhua News Agency. (2013). "China Rejects Ivory Poaching Accusations." February 19.

Chapter 18: Dealing with Demand

China Daily. (2013). "Measures Curb Illegal Ivory Trade in China." February 22. http://www.china.org.cn/environment/2013-02/22/content_28027565.htm.

CITES. (2012). *Control of Trade in Ivory in China*. SC62 Inf. 8.

Nowell, K. (2012a). "Assessment of Rhino Horn as a Traditional Medicine." CITES SC62 Doc. 47.2 Annex (Rev. 2).

———. (2012b). *Wildlife Crime Scorecard: Assessing Compliance with and Enforcement of CITES Commitments for Tigers, Rhinos and Elephants*. Gland, Switzerland: WWF.

Omar, C. (2013). "Africa Focus: China Pledges to Back Kenya's Wildlife Conservation Efforts." *Xinhua News Agency*, February 23. <http://www.nzweek.com/world/africa-focus-china-pledges-to-back-kenyas-wildlife-conservation-efforts-50807>.

Radio Free Asia. (2012). "A Champion of Elephants." November 9. <http://www.rfa.org/english/women/animal-11092012132430.html>.

Starkey, J. (2013). "It's War, and in Africa's Killing Fields the Poachers Are Winning." *The Times* (London), February 1.

't. Sas-Rolfes, M. (1997). "Elephants, Rhinos and the Economics of the Illegal Trade." *Pachyderm* 24: 23-29.

Yang, S.Z. (trans.). (1998). *The Divine Farmer's Materia Medica: A Translation of the Shen Nong Ben Cao Jing*. Boulder, CO: Blue Poppy Press.

Chapter 19: The Future

ACF. (2012). "Elephant Crisis: 25 African Countries Sound the Alarm." Press communiqué, September.

African Wildlife Foundation. (2012). "Rhino Summit Emergency Plan of Action: Toward a Comprehensive Response to the Rhino Poaching Crisis." <http://www.awf.org/documents/RhinoActionPlan2.pdf>.

Agence France-Presse. (2013). "Charging China Demand Drives Deadly Ivory Trade." February 28. <http://globalnation.inquirer.net/65923/charging-china-demand-drives-deadly-ivory-trade#sthash.sHQFF6Uo.dpuf>.

Biggs, D., F. Courchamp, R. Martin and H.P. Possingham. (2013). "Legal Trade of Africa's Rhino Horns." *Science* 339 (March 1): 1038-39.

Burn, R.W., F.M. Underwood and J. Blanc. (2011). "Global Trends and Factors Associated with the Illegal Killing of Elephants: A Hierarchical Bayesian Analysis of Carcass Encounter Data." *PLoS ONE* 6(9): e24165.

Ceballos, E. (2013). *Internet Trade of Elephant Ivory in Africa and Asia*. New Westminster, BC: CATCA and ACWF.

CITES. "Action Plan for the Control of Trade in Elephant Ivory." CoP14, Annex 2. <http://www.cites.org/eng/dec/valid14/annex2.shtml>.