
PACHYDERM CUMULATIVE INDEXES

ISSUES 1–31

Title index

- An aerial survey of rhinoceros and elephant in a portion of the Chobe National Park and surrounding areas, northern Botswana, September 1992 17:64–74
- AERSG initiates new analysis of elephant data 1:14
- African and Asian rhino products for sale in Bangkok 14:39–41
- The African Elephant Database 16:82–83
- African elephant population study 8:1–10
- Aerial census of the Gash-Setit elephant population of Eritrea and Ethiopia 23:12–18
- African elephants in coastal refuges 21:78–83
- African rhinoceroses: challenges continue in the 1990s 14:42–45
- African rhinos numbering 13,000 for the first time since the mid-80s 29:53–56
- Ages of black rhinos killed by drought and poaching in Zimbabwe 5:12–13
- Airlifting immobilized rhinos 27:55–58
- Analysis of tusks from Central African Republic 6:16–17
- Back from the brink 1:13
- Bali: business as usual 15:15–18
- The black rhino conservation potential in Tanzania 13:47
- Black rhino monitoring in the Umfolozi/Hluhluwe complex 15:58
- Black rhino on private land—the experience of Lapalala Wilderness, South Africa 18:44–45
- The black rhino sanctuaries of Kenya 13:31–34
- Black rhinos in captivity 4:16
- Black rhinos in Lake Nakuru National Park 13:47
- Boma management, construction and techniques for a founder population of black rhinos (*Diceros bicornis minor*) as applied in Lapalala Wilderness, South Africa 15:40–45
- Botswana's problem elephants 13:14–19; 14:46
- Capital city artisan markets in Africa and their impact on elephants: a case study from the Republic of Congo 22:76
- Case history of a nasal polyp in a black rhinoceros 15:46–48
- Central African Republic hit by poachers 4:12–13
- Changes in elephant demography, reproduction and group structure in Tsavo East National Park (1966–1994) 29:15–24
- The changing face of elephant management in the United States 18:67–69
- Chemical immobilization of African elephant in lowland forest, Southwestern Cameroon 25:32–37
- Chewing of bark by elephants: pastime or medicine? 18:54
- CITES '92 and beyond 15:19–24
- Closing down the illegal trade in rhino horn in Yemen 30:87–95
- The collapse of India's ivory industry 14:28
- Comparison of four different radio transmitter attachments on black rhino in Makdikwe Game Reserve 26:14–24
- Conflicts homme-éléphant au Togo 24:17–22
- Conservation and management of elephants in Namibia 19:49–53
- Conservation programmes for Sumatran and Javan rhinos in Indonesia and Malaysia 26:100–115
- The cost of conserving elephants 17:30–34
- Current elephant conservation problems in Borno State, Nigeria 23:19–23
- Current elephant range and status in Mozambique 16:44–47
- The current state of rhino in Assam and threats in the 21st century 29:39–47
- The current status of human–elephant conflict in Kenya 19:15–19
- The current status of the northern white rhino in Garamba 25:104–105
- Darting and marking black rhinoceros on foot 20:33–38
- The decline and fall of India's ivory industry 12:4–21
- Dedicated field staff continue to combat rhino poaching in Assam 26:25–39
- Dehorning rhinos in Damaraland: a controversial issue 12:47
- Des éléphants et des hommes. Etude de cas: les popula-

- tions d'éléphants d'Alfakoara (nord-est du Benin) 17:59–63
- Development of national policy for elephant conservation in Tanzania 22:57–58
- Developments with hormonal contraceptives for elephants 22:86
- Developments with immunocontraceptives for elephants 22:87
- The distribution and number of forest dwelling elephants in extreme southeastern Cameroon 15:9–14
- Distribution and status of the forest elephant in the Ivory Coast, West Africa 14:22–24
- The distribution of elephants in northeastern Ghana and northern Togo 25:44
- The distribution of elephants in north-eastern Ghana and northern Togo 26:52–60
- DNA and the ivory trade: how genetics can help conserve the ivory trade 13:45–46
- Doctored rhinos: diseases seen in Kenya 12:22–23
- The domestication of the African elephant 20:65–68
- Dual-season crop damage by elephants in eastern Zambezi Valley, Zimbabwe 30:49–56
- Earlessness in the black rhinoceros—a warning 7:8–10
- Echo of the elephants: the next generation 22:66
- The ecological role of elephants in Africa 12:42–45
- The ecology and deterrence of crop-raiding elephants: research progress 22:47
- Ecology of crop raiding elephants 25:39–40
- Ecology of the forest elephant in Tai National Park, Ivory Coast 3:15–16
- The effects of boma design on stress-related behaviour in juvenile translocated African elephants 18:55–60
- Effects of habitat on visibility of elephants during aerial census 29:25–28
- The effects of poaching disturbance on elephant behaviour 13:42–44
- Egyptian government seizes illegal ivory consignments 28:56–57
- Elephant and rhino population trends in Selous, Tanzania 4:18
- Elephant capture, collaring and radio-tracking in Tarangire National Park, Tanzania 28:58–59
- Elephant census in the Ankasa Conservation Area in south-western Ghana 31:63–69
- Elephant contraception research in the Kruger National Park 25:45–52
- Elephant crop damage and electric fence construction in the Maputo Elephant Reserve, Mozambique 30:57–64
- Elephant hunting patterns 3:12–13
- Elephant management in Nyaminyami District, Zimbabwe: turning a liability into an asset 17:19–29
- Elephant numbers in Boumba-Bek, Cameroon 22:58
- Elephant poaching in Kenya 24:66
- Elephant population control in African national parks 22:83–86
- Elephant problem in the Mungo Division, Littoral Province, Cameroon 24:53–63
- Elephant status and conflict with humans on the western bank of Liwonde National Park, Malawi 25:74–80
- Elephant translocations 22:81
- Elephants and habitats—the need for clear objectives 16:34–40
- Elephants and human ecology in north-eastern Ghana and Togo 25:43–44
- Elephants and ivory in the Congo since the ban: the lull before the storm 16:51–58
- Elephants and their woodland habitats in northern Botswana 27:101–104
- Elephants and woodlands II 8:11–12
- Elephants and woodlands in northern Botswana: how many elephants should be there? 23:41–43
- Elephants as agents of seed dispersal in Aberdare and Tsavo National Parks, Kenya 30:70–74
- Elephants as seed dispersal agents in Arabuko-Sokoke Forest, Kenya 30:75–80
- Elephants et dissémination des graines de quelques especes végétales dans le Ranch de Gibier de Nazinga (sud du Burkina Faso) 29:29–38
- Elephants hit by African arms race 2:11–13
- Elephants, human ecology and environmental degradation in northeastern Ghana and northern Togo 26:61–68
- Elephants in Lobeke Forest, Cameroon 19:73–80
- Elephants in Tarangire 13:26–30
- The elephants of Burkina Faso, West Africa 5:2–5
- The elephants of Gangala-na-Bodio 1:11
- Elephants of the Dzanga-Sangha Dense Forest of South-western Central African Republic 10:12–15
- Elephants of the Masai Mara, Kenya: seasonal habitat selection and group size patterns 22:25–35
- Elephants, rhinos and the economics of the illegal trade 24:23–29
- Entrepôts for rhino horn in Khartoum and Cairo threaten Garamba's white rhino population 27:76–85
- Etude des effectifs et de la repartition saisonniere des éléphants des aires Classés de l'Est du Burkina Faso 28:16–31
- Evidence for the effectiveness of an ole-resin capsicum aerosol as a repellent against wild elephants in Zimbabwe 20:55–64
- Facilitation of boma adaptation of an injured subadult male southern white rhinoceros 20:41–44

-
- Factors affecting elephant distribution at Garamba National Park and surrounding reserves, Zaire, with a focus on human–elephant conflict 19:39–48
- First, do no harm: a precautionary recommendation regarding the movement of black rhinos from overseas zoos back to Africa* 30:17–23
- Flood havoc in Kaziranga 26:83–87
- Follow-up to stop trade in rhino products in Asia 1:9–11
- Forest clearings and the conservation of elephants (*Loxodonta africana cyclotis*) in north-east Congo Republic 24:46–52
- Forest elephant distribution and habitat use in the Bossematié Forest Reserve, Ivory Coast 30:37–43
- Forest elephant populations in the Central African Republic and Congo 14:3–19
- Forest elephant surveys in Central Africa 12:46
- Further notes on pygmy and forest elephants 13:47
- GIS as a tool for rhino conservation 28:65–72
- The greater one-horned rhino of Assam is threatened by poachers 18:28–43
- The greater one-horned rhino outside protected areas in Assam, India 22:7–9
- Habitudes migratoires des éléphants et interactions homme–éléphant dans la région de Waza-Logone (Nord Cameroun) 25:53–66
- An historical perspective of the Yemeni rhino horn trade 23:29–40
- How much rhino horn has come onto international markets since 1970? 13:20–25
- Human activities on Mount Kenya from an elephant’s perspective 27:69–73
- Human–elephant conflict: the challenge ahead 19:11–14
- Human–elephant interactions at the ecosystem level 25:41–42
- Humpty Dumpty and the rhinos 3:4–5
- The impact of elephant density on biodiversity in different eco-climatic zones in Kenya 16:86
- The importance of budgets, intelligence networks and competent management for successful conservation of the greater one-horned rhino 22:10–17
- Indirect methods of counting elephants in forest 16:24–30
- The introduction of elephant into medium-sized conservation areas 17:35–38
- Iodine as a possible controlling nutrient for elephant populations 28:78–90
- Is dehorning African rhinos worthwhile? 17:52–58
- Is rhino dehorning scientifically prudent? 21:60–68
- Is the tide turning for elephants and rhinos? 13:2–4
- IUCN helps Zaire rehabilitate Garamba 2:18–19
- IUCN project underway in Garamba, Zaire 4:17
- The ivory carving industry of Zambia 7:12–15
- The ivory industry in Botswana 3:5–7
- The ivory trade and the future of the African elephant 12:32–37
- The ivory trade review 11:11–12
- Japanese ivory traders cooperate 4:18
- Javan rhinoceros in Vietnam 15:25–27
- The Javan rhinos, *Rhinoceros sondaicus annamiticus*, of Cat Tien National Park, Vietnam: current status and management implications 27:34–48
- Kenya’s black rhinos in Addo, South Africa 3:11
- Kenya’s initiatives in elephant fertility regulation and population control techniques 16:62–65
- Killing of black and white rhinoceroses by African elephants in Hluhluwe-Umfolozi Park, South Africa 31:14–20
- Law enforcement in Malawi conservation 3:7–8
- Law enforcement within protected areas 22:81
- Less elephant slaughter in the Okapi Faunal Reserve, Democratic Republic of Congo, after Operation Tango 31:36–41
- Lessons from the introduced black rhino population in Pilanesberg National Park 26:40–51
- Long-distance movement of an unprotected population on the Laikipia Plateau, Kenya 16:86
- The loss of a population of elephants in the middle Shire Valley, Southern Malawi 22:36–43
- Luangwa rhinos: big is best, small is feasible 12:27–28
- Malawi’s ivory carving industry 5:6–11
- Mali’s elephants suffer in drought 2:14–15
- Man and elephant in the Tsavo area of Kenya: an anthropological perspective 20:69–72
- Management implications of new research on problem elephants 30:44–48
- Management of elephant populations in Kenya—what have we learnt? 24:33–35
- Management options for Shimba Hills elephants after fencing of the reserve 22:45–46
- Managing African elephants for ivory production 4:9–11
- The marketing of elephants and field-dressed elephant products in Zimbabwe 10:6–11
- Mating Sumatran rhinoceros at Sepilok Rhino Breeding Centre, Sandakan, Sabah, Malaysia 21:24–27
- Medicines from Chinese treasures 13:12–13
- Mode de dissemination des especes les plus appetées par les éléphants dans la zone cynergetique de la Djona, les forets classées de Goungouon, de la Sota et des environs, Nord-Benin 30:65–69
- Modern technology for rhino management 22:18–24
-

-
- Monitoring elephant and rhino trends in Kenya 4:15
- Monitoring the ivory trade and ivory stocks in the post-CITES period 22:77
- Mortality factors and breeding performance of translocated black rhinos in Kenya: 1984–1995 26:69–82
- The movement patterns of elephants in the Kruger National Park in response to culling and stimuli 16:72–80
- Musth discovered in the African elephant 1:8
- Namibia dehorns Damaraland rhinos to thwart poachers 12:47
- A nationwide survey of crop-raiding by elephants and other species in Gabon 21:69–77
- Nepal destroys large stocks of wildlife products 25:107–108
- Nepal's rhinos—one of the greatest conservation success stories 20:10–26
- A new method for implanting radio transmitters into the horns of white and black rhinoceroses 30:81–86
- New procedures for controlling the ivory trade 5:16–17
- North Yemen bans the importation of rhino horn 1:14
- Northern white rhinos born at Garamba 10:22
- Number and migration patterns of savanna elephants (*Loxodonta africana africana*) in northern Cameroon 16:66–71
- Numbers, distribution and movements of the Nazinga elephants 10:16–21
- Observation on two introduced black rhinos in Liwonde National Park, Malawi 21:46–54
- Options for aerial surveys of elephants 16:15–20
- Options for the control of elephants in conflict with people 19:54–63
- Options for the management of elephants in northern Botswana 22:67–73
- People–elephant conflict management in Tsavo, Kenya 19:20–25
- A photographic method for identifying black rhinoceros individuals 21:35–37
- Population and distribution of elephants (*Loxodonta africana africana*) in the central sector of the Virunga National Park, Eastern DRC 28:44–55
- Population characteristics and impacts on woody vegetation of elephants on Nazinga Game Reserve, Burkina Faso 18:46–53
- Population estimate of elephants in Arabuko-Sokoke Forest 29:48–51
- Potential impact of the US Endangered Species Act on elephant management and conservation 22:66
- Pourquoi une stratégie de gestion pour les éléphants d'Afrique de l'ouest? 25:108–109
- Predicting human–elephant conflict 25:94–95
- Price for rhino horn increases in Yemen 28:91–100
- The problem elephants of Kaele: a challenge for elephant conservation in northern Cameroon 19:26–32
- Problématique de gestion de l'éléphant d'Afrique dans la Réserve de faune de Conkouati, au Kouilou (Congo) 22:50–57
- Problématique de gestion de l'éléphant et perspectives des forêts d'Afrique Centrale 22:88–91
- Problems and solutions outside protected areas 22:91
- Projects of the Human–Elephant Conflict Taskforce (HETF)—results and recommendations 28:73–77
- Promoting conservation in the Luangwa Valley, Zambia 3:14–15
- Proposal for 'green hunting' of elephant as an alternative to lethal sport hunting 24:30–32
- Proposal for incorporating of grid-based data into the African Elephant Database 25:93–94
- Protecting the black rhino in Damaraland, Namibia 4:13–14
- The pygmy elephant: a myth and a mystery 7:4–5
- Quelques éléments sur les effectifs d'éléphants au parc national du Niokolo Koba (année 2000) 31:70–72
- Radio-tracking of elephants in Laikipia District, Kenya 15:34–39
- Raising a baby rhino 8:17–18
- Re-appraisal of black rhinoceros subspecies 6:5–9
- Recent developments in the Japanese ivory trade and the implementation of CITES in Japan 5:15–16
- Recent US imports of certain products from the African elephant 10:1–5
- Records of the Sundarbans rhinoceros (*Rhinoceros sondaicus inermis*) in India and Bangladesh 24:37–45
- Recruitment in small black rhino populations 7:6–8
- Reducing drug induction time in the field immobilization of elephants 27:49–54
- Re-establishment of elephant in the Hluhluwe and Umfolozi Game Reserves, Natal, South Africa 7:10–11
- The relative effects of hunting and habitat destruction on elephant population dynamics over time 17:75–90
- A report of the Laikipia Elephant Count, 1990 14:32–36
- Report on the trade in rhino products in eastern Asia and India 11:13–22
- Reports confirm northern white rhino close to extinction 2:10
- Research on the effects of temporary horn removal on black rhinos in Namibia 20:27–30
- Resolving human–elephant conflict in Luwero District, Uganda, through elephant translocation 31:58–62
-

-
- Results of four years' satellite tracking of elephants in Cameroon 27:62–85
- Review of the African elephant conservation priorities 22:79
- Review of the African wildlife and protected area projects database 22:80
- Rhino and elephant poaching trends in the Selous Game Reserve 6:3–4
- Rhino conservation in Garamba National Park 13:39–41
- The rhino horn trade in South Korea: still cause for concern 13:5–11
- Rhino Museum in the Waterberg Mountains of Northern Province, South Africa 23:44–45
- Rhino poaching in Namibia from 1980 to 1990 and the illegal trade in the horn 17:39–51
- Rhino poaching in the Maasai Mara 24:65
- Rhino poaching, Zimbabwe 5:14
- Rhino protection in communal areas, Namibia 20:31–32
- Rhino rescue in southern Zimbabwe 2:9–10
- The rhino trade in northern and western Borneo 12:38–41
- The rhinoceros fight in India 25:28–31
- Rhinoceros noir du nord-ouest de l'Afrique (*Diceros bicornis longipes*): le compte a rebours continue 27:86–100
- Rhinos in Swaziland 24:65
- Rhinos in Texas 4:17
- The rhinos of the Central African Republic 6:10–13
- Satellite tracking of elephants in Laikipia District, Kenya 15:28–33
- A scheme for differentiating and defining the different situations under which live rhinos are conserved 23:24–28
- Seasonal movement of elephant in and around Matusadona National Park, Kariba 2:7–9
- Selous Aerial Survey 1981 1:7
- A simple method for the analysis of stratified aerial sample counts 25:106–107
- A simple method for the analysis of stratified aerial sample counts 27:22–33
- Smuggling routes for West Bengal's rhino horn and recent successes in curbing poaching 21:28–34
- Social organisation in translocated juvenile African elephants: the dominance hierarchy and an intriguing behaviour 25:42–43
- Some preliminary results of the relationship between soils and tree response to elephant damage 11:29–31
- South Africa celebrates rhino successes 2:15–16
- South Korea revisited: the trade in rhino horn and ivory 14:25–27
- Southern Sudan elephants still suffer 4:18
- Special issue: Proceedings of the African Rhino Workshop, Cincinnati, October 1986 9:1–33
- Sri Lankan ivory sculpture in retrospect 13:35–38
- Standardized body condition scoring system for black rhinoceros (*Diceros bicornis*) 26:116–121
- Status and trends of the ivory trade in Africa, 1989–1999 30:24–36
- The status of elephant on the Zambia bank of the middle Zambezi Valley 16:48–50
- Status of elephants and poaching for ivory in Malawi: a case study in Liwonde and Kasungu National Parks 16:59–61
- The status of elephants in Uganda: Queen Elizabeth National Park 15:49–52
- The status of forest elephants in the south east of the Republic of Cameroon 16:84
- The status of northern white rhinos 1:5–7
- The status of rhinos in Africa 4:5–6
- Status of the black rhinoceros in the Masai Mara National Reserve, Kenya 21:38–45
- The status of the southern white rhino (*Ceratotherium simum simum*) on private land in South Africa in 1999 28:60–64
- Study on the elephants of Mago National Park, Ethiopia 28:32–43
- Studying forest elephants by direct observation 20:45–54
- Studying forest elephants by direct observation in the Dzanga Clearing: an update 22:59–60
- Subspecies and ecotypes of the black rhinoceros 20:39–40
- Suggested procedures for priority ranking of black rhino populations 11:7–10
- The Sumatran rhino in Kalimantan, Indonesia: its possible distribution and conservation prospects 21:15–23
- The Sumatran rhino in Way Kambas National Park, Sumatra, Indonesia 21:13–14
- Survey and conservation status of five black rhino (*Diceros bicornis minor*) populations in the Selous Game Reserve, Tanzania, 1997–1999 31:21–25
- Survey experiments and aerial survey of elephants in the South Luangwa National Park and the Lupande Game Management Area, Zambia, 1963 19:81–86
- A survey of rhino products for retail sale in Bangkok in early 1992 15:53–56
- Surveying cross-border elephant populations in southern Africa 22:78
- Taiwan: the greatest threat to the survival of Africa's rhinos 11:23–25
-

-
- Threats to Aberdare rhinos: predation versus poaching 14:37–38
- Timber, cocoa, and crop-raiding elephants: a preliminary study from southern Ghana 19:33–38
- Tracing ivory to its origin: microchemical evidence 12:29–31
- Tracking African elephants with a global positioning system (GPS) radio collar 25:81–92
- Translocation of elephants: the Kenyan experience 22:61–65
- Trends in key African elephant populations 4:7–9
- Trends of elephant poaching in Kenya: the elephant mortality database 25:40–41
- Trends of the elephant population in northern Botswana from aerial survey data 25:14–27
- Tsavo—the legacy 25:109–110
- Tusk measurements provide insight into elephant population dynamics 2:16–17
- Tusklessness amongst the Queen Elizabeth National Park elephants, Uganda 22:46
- Ultrasonography as a tool in the conservation of the African rhinoceros: ex situ and in situ applications 21:55–59
- The undetected trade in rhino horn 11:26–28
- The unsuccessful introduction of white rhinoceros to Matusadona National Park, Kariba 6:14–15
- Unsuccessful introductions of adult elephant bulls to confined areas in South Africa 31:52–57
- The value of captive breeding programmes to field conservation: elephants as an example 28:101–109
- Variability in ranging behaviour of elephants in northern Kenya 25:67–73
- Vessey's horn 15:57
- Vitamin A levels measured in rhino browse plants 14:47
- West Bengal committed to rhino conservation yet a major entrepot for endangered wildlife products 27:105–112
- What strategies are effective for Nepal's rhino conservation: a recent case study 31:42–51
- Who gets the food? 14:29–31
- Why do elephants destroy woodland? 3:9–11
- Will new community development projects help rhino conservation in Nepal? 26:88–99
- Working Group Discussion Three: Elephant-Habitat Working Group 17:10–18
- Yemen stops being a major buyer of rhino horn 14:20–21
- The Yemeni rhino horn trade 8:13–16
- Zambia's pragmatic conservation programme 12:24–26
- Zimbabwe completes tenth year of elephant radiotracking 2:5–7

Author index

- Abe, Eve 15:49–52; 22:46–47
- Ables, Ernest D 18:46–53
- Adcock, Keryn 26:40–51; 26:116–121
- Afewerk Bekele 28:32–43
- Agnagna, Marcellin 14:3–19; 16:51–58
- Andersen, Rick 4:17; 17:35–38
- Appiah, Mildred Amofah 31:63–69
- Asamoah-Boateng, B 19:33–38
- Atkinson, Mark 30:17–23
- Avery, DH 12:29–31
- Awo, Nandjui 31:63–69
- Azika, S 19:33–38
- Balfour, Dave 31:14–20
- Baltzer, Mike 27:34–48
- Barnes, Richard FW 12:46; 16:24–30; 19:33–38; 25:43–44; 25:44; 26:52–60; 26:61–68
- Bauer, Hans 27:62–85
- Beauchamp, Brian 30:81–86
- Beddington, JR 17:52–58; 17:75–90
- Bell, RHV 3:9–11; 3:7–8; 12:29–31; 16:81
- Benadie, Karel 27:59–65
- Bengis, Roy 22:83–86
- Ben-Shahar, Raphael 23:41–43; 27:101–104
- Berger, Joel 21:60–68
- Bertram, Brian 4:16
- Bhima, Roy 21:46–54; 25:74–80
- Boafo, Yaw 31:63–69
- Bommarito, Meg P 21:55–59
- Borner, Markus 1:7; 6:3–4
- Bosi, Edwin 21:24–27
- Brett, Rob 13:31–34; 23:24–28; 26:69–82
- Brooks, Martin 2:15–16; 23:24–28
- Bryden, B 22:81
- Bui Huup Manh 27:34–48
- Buijs, Daniel 28:60–64
- Cajani, Simona 24:46–52
- Carr, Richard D 31:52–57
- Carroll, Richard W 10:12–15
- Chafota, Jones 22:67–73
- Chambal, Mateus 16:44–47
- Chanda, Glory 16:48–50
- Chardonnet, Bertrand 28:16–31
- Child, Graham 10:6–11
- Choudhury, Anwaruddin 22:7–9; 26:83–87
- Coatsee, Clem 22:81
- Cobb, Stephen 12:32–37
- Cook, Mark 27:55–58
- Craig, Colin G 16:15–20; 22:78; 23:24–28; 25:14–27
- Cunningham, Carol 21:60–68
- Damiba, Eugene T 18:46–53; 18:54
- Danquah, Emmanuel 31:63–69
- de Boer, Fred 30:57–64

- de Haes, Helias Udo 27:62–85
- de Jongh, Hans 27:62–85
- Dierenfeld, E 14:47
- Douglas-Hamilton, Iain 1:13; 2:11–13; 4:7–9; 4:18; 6:16–17; 8:1–10; 16:82; 24:30–32; 25:81–92
- du Toit, Raoul 6:5–9; 9:3–7; 11:7–10; 22:18–24; 23:24–28; 30:17–23
- Dubuiure, Umaru Farouk 31:63–69
- Dublin, Holly T 22:25–35
- Dudley, CO 21:46–54
- Dudley, Joseph P 21:78–83; 22:6
- Dunham, Kevin 5:12–13
- Dyer, Anthony 15:34–39
- Ekobo, Atanga 15:9–14; 16:84; 19:73–80; 22:58; 24:53–63
- Elkan, Paul W 25:32–37
- Ellenberg, Hermann 30:37–43
- Emslie, Richard 23:24–28; 29:53–56; 30:17–23
- Erb, K Peter 17:64–74; 20:27–30
- Fay, J Michael 14:3–19; 16:51–58; 20:45–54; 22:76
- Flamand, Jacques RB 20:33–38
- Foley, Charles 28:58–59
- Foley, Lara 28:58–59
- Foose, Thomas J 21:13–14; 26:100–115; 30:17–23
- Franklin, Neil 21:13–14
- Gachago, Salome 22:61–65
- Gakahu, CG 12:47; 14:42–45
- Gakuya, Francis 31:58–62
- Galanti, Valeria 28:58–59
- Galli, Norman S 20:33–38
- Garai, Marion 18:55–60; 25:42–43; 31:52–57
- Gautier-Hion, Annie 24:46–52
- Georgiadis, Nicholas 13:45–46
- Gibson, Deborah St C 25:14–27
- Gottelli, Dada 14:37–38
- Grobler, Dave G 25:45–52
- Haigh, Jerry A 25:32–37
- Hall-Martin, Anthony 3:11; 7:6–8
- Hansen, Hans Bjarne 26:40–51
- Harland, David 15:19–24
- Héma, Emmanuel M 31:63–69
- Hillman Smith, Kes 1:5–7; 10:22; 13:39–41; 13:47; 19:39–48; 25:104–105; 25:106–107; 27:22–33; 27:76–85
- Hitchins, P 7:8–10; 17:64–74
- Hoare, Richard 15:28–33; 19:54–63; 25:41–42; 27:49–54; 28:73–77; 29:25–28; 30:44–48
- Hofmeyr, Markus 26:14–24
- Hoppe-Dominik, Bernd 14:22–24
- Howison, Owen 31:14–20
- Hutchins, Michael 28:101–109
- Hutton, Jon 22:66
- Iversen, Eve 20:65–68
- Jachmann, Hugo 3:9–11; 8:11–12; 10:16–21; 19:81–86
- Jonyo, John F 12:22–23
- Joseph, Boussim I 29:29–38
- Kangwana, Kadzo 19:11–14
- Kanyingi, John 31:58–62
- Karesh, William B 25:32–37
- Kelsall, JP 12:29–31
- Kiiru, Winnie 19:15–19; 22:45–46
- Knight, MH 17:64–74; 23:24–28
- Kufwafwa, JW 4:15
- KWS News Team 24:65
- Lahm, Sally A 21:69–77
- Lambrechts, Christian 27:69–73
- Leader-Williams, Nigel 12:27–28; 17:30–34; 17:52–58; 22:57–58; 23:24–28
- Lewis, Dale M 12:24–26
- Liebenberg, Louis 27:59–65
- Lindemann, Hanne 26:40–51
- Lindeque, Malan 19:49–53; 20:27–30; 22:66
- Lindsay, Keith 16:34–40; 22:80
- Litoroh, Moses 22:61–65; 23:12–18; 31:58–62; 31:74–75
- Loutit, Blythe 4:13–14; 20:31–32
- Madzou, Y 22:76
- Malpas, Robert 1:11; 2:18–19
- Manansangn, Jansen 21:13–14
- Manyibe, Thomas 31:58–62
- Mapilanga, John Joseph 31:36–41
- Martin, Chryssee Perry 13:35–38
- Martin, Esmond B 1:9–11; 1:14; 3:5–7; 4:18; 5:6–11; 7:12–15; 8:13–16; 11:13–22; 11:23–25; 12:4–21; 12:38–41; 13:12–13; 13:20–25; 13:35–38; 14:20–21; 14:39–41; 15:15–18; 15:53–56; 17:39–51; 18:28–43; 20:10–26; 21:28–34; 22:10–17; 23:29–40; 25:28–31; 25:107–108; 26:25–39; 26:88–99; 27:76–85; 27:105–112; 28:56–57; 28:91–100; 30:24–36; 30:87–95; 31:42–51
- Martin, Rowan B 2:5–7; 5:16–17
- Masogo, Rapelang 25:14–27
- Mauvais, Geoffroy 31:70–72
- McKnight, Barbara 29:15–24
- McShane, TO 11:29–31
- Meijaard, Erik 21:15–23
- Merode, Emmanuel de 19:39–48
- Merz, Gunter 4:18; 14:22–24
- Milewski, Antony 28:78–90
- Miller, R Eric 30:17–23
- Milliken, Tom 5:15–16; 13:5–11; 14:25–27; 22:77
- Milner-Gulland, EJ 17:52–58; 17:75–90
- Minye, James 27:59–65
- Mipro, Hien 29:29–38
- Mkanda, Francis X 16:59–61
- Morgan-Davies, Max 21:35–37; 21:38–45; 31:21–25
- Moss, Cynthia J 1:8; 13:26–30; 22:66
- Moukassa, A 22:76
- Mubalama, Leonard 28:44–55; 31:36–41
- Mulama, Martin 15:28–33; 22:61–65
- Mungai, Paul 22:61–65
- Muoria, Paul K 29:48–51; 30:75–80
- Musiti, Bihini Won wa 22:88–91
- Mutinda, Hamis 22:61–65
- Mwathe, Kennedy 22:61–65
- Ndey, A 19:39–48
- Ngure, Njoroge 19:20–25
- Nguyen Xuan Dang 27:34–48
- Nicholas, Aaron 19:39–48
- Njumbi, Stephen 22:61–65
- Nsosso, Dominique 22:50–57
- Ntumi, Cornelia 30:57–64
- Okoumassou, Kotchikpa 26:52–60; 24:17–22; 25:44; 26:61–68
- Olivier, R 2:14–15
- Omondi, Patrick 22:61–65; 31:74–75
- Osborn, Ferrel (Loki) V 20:55–64; 22:47–49; 25:39–40; 30:49–56

-
- Osofsky, Steven 20:41–44; 21:55–59; 30:17–23
- Ottichilo, WK 4:15
- Owen-Smith, Norman 22:67–73
- Paglia, Donald 30:17–23
- Parker, GE 30:49–56
- Patton, John 13:45–46
- Pilgram, Tom 1:14; 2:16–17; 3:12–13; 4:9–11
- Pitman, Dick 2:9–10; 5:14
- Planton, Hubert P 25:32–37; 27:86–100
- Polet, Gert 27:34–48
- Poole, Joyce H 1:8; 16:62–65
- Powell, James A 25:32–37
- Price, Mark Stanley 23:24–28
- Priest, Gary M 18:67–69
- Prins, Herbert 27:62–85
- Raath, Cobus 22:87
- Radcliffe, Robin 21:55–59; 30:17–23
- Ramono, Widodo 21:13–14
- Rasmussen, LEL 20:55–64
- Rawluk, M 12:29–31
- Reddy, Suherti 21:13–14
- Reilly, Ted 24:65
- Reuter, Hans-O 26:116–121
- Rihoy, L 22:66
- Rogers, Peter S 20:41–44
- Rookmaaker, LC 20:39–40; 24:37–45; 25:28–31
- Rossi, Rossella 28:58–59
- Rottcher, Dieter 15:46–48
- Ruggiero, RC 4:12–13; 13:42–44
- Ryan, TCI 13:20–25
- Sakwa, Jim 22:61–65
- Sam, Moses K 25:43–44; 26:52–60; 26:61–68
- Santiapillai, Charles 15:25–27
- Schrader, Adrian M 30:81–86
- Sebogo, Lamine 25:108–109
- Severre, E 6:3–4
- Sheldrick, Daphne 8:17–18
- Sherry, BY 22:36–43
- Sillero-Zubiri, Claudio 14:37–38
- Siswomartono, Dwiatmo 21:13–14
- Sita, Guinko 29:29–38
- Slotow, Rob 31:14–20
- Smith, Brandie 28:101–109
- Song, Cecilia 13:5–11
- Sournia, Gerard 17:59–63
- Spinage, CA 5:2–5; 6:10–13; 13:14–19; 14:46; 15:57
- Stelfox, JG 4:15
- Steventon, Lindsay 27:59–65
- Stiles, Daniel 30:24–36
- Stockil, Clive 23:24–28
- Stromayer, Karl 15:9–14
- Talukdar, Bibhab Kumar 29:39–47
- Tamis, Wil 27:62–85
- Tarara, Ross 15:46–48
- Tatham, Glen 5:14
- Tattersall, Fran H 22:36–43
- Taylor, Russell D 2:7–9; 6:14–15; 17:10–18; 17:19–29
- Tchamba, Martin 16:66–71; 19:26–32; 25:53–66; 27:62–85
- Tehou, Aristide 30:65–69
- Tembo, Ackim 16:48–50
- Theuerkauf, Joern 30:37–43
- Thomsen, Jorgen B 10:1–5
- Thouless, Chris 14:32–36; 15:28–33; 15:34–39; 16:86; 22:79; 25:67–73; 25:93–94; 25:94–95
- Tiawoun, Sylvain 27:62–85
- Tilson, Ron 21:13–14
- Tosi, Guido 28:58–59
- 't Sas-Rolfes, Michael 24:23–29
- Tran, Van Mui 27:34–48
- Trawford, Andrew 20:41–44
- Turkalo, Andrea 20:45–54; 22:59–60
- van Aarde, Rudi 22:86
- van Strien, Nico J 26:100–115
- Vanleeuwe, Hilde 24:46–52; 27:69–73
- Vigne, Lucy 4:5–6; 4:18; 11:23–25; 12:4–21; 12:47; 14:20–21; 14:28; 14:39–41; 18:28–43; 20:10–26; 23:29–40; 25:28–31; 26:25–39; 28:91–100; 30:87–95
- Ville, Jean-Luc 20:69–72
- Waithaka, John 16:86; 22:61–65; 22:91; 24:33–35; 24:66; 25:40–41; 30:70–74
- Waitkuwait, Wolf 30:37–43
- Walker, Clive 15:40–45; 18:44–45; 23:44–45
- Walpole, Matt 28:65–72
- Wambwa, Elizabeth 31:58–62; 31:74–75
- Watkin, John 25:106–107; 27:22–33
- Waweru, Fred 13:47; 14:29–31
- Wells, Michael P 6:16–17
- Western, David 2:16–17; 3:4–5; 3:12–13; 4:5–6; 4:9–11; 7:4–5; 11:11–12; 11:26–28; 12:32–37; 12:42–45; 13:2–4; 13:45–46
- White, John 10:6–11
- Whyte, Ian 16:72–80; 25:45–52
- Wills, AJ 7:10–11
- Yirmed Demeke 28:32–43
- Yule, TM 15:58
- Zelfde, Maarten van't 27:62–85

Subject index

- Acacia* 2:14; 3:9–11; 8:11–12; 14:21–25; 16:48–50; 16:66–71; 18:46–52; 22:25–35; 27:101–104
- Acanthaceae 30:70–74
- action plan 22:79; 22:88–91
- adult bulls 20:41–44
- age determination 6:5–9
- age structure 5:12–13; 13:26–30; 29:15–24; 18:46–53; 19:26–32
- aggression 20:41–44; 25:42–43
- airport surveillance 11:23–25
- animal control policy 21:69–77
- animal rights 18:67–69
- animal size 17:35–38
- animal tracks 27:59–65
- animals, excess 2:15–16; 26:69–82
- anti-poaching 2:10; 17:39–51; 5:14; 25:40–41; 26:88–99; 26:100–115; 31:36–41; 31:42–51 (*see also* poaching)
- anti-poaching equipment 6:3–4; 26:25–39
- Aspilia* sp. 18:54
- auction 15:40–45; 18:44–45

-
- behaviour, affiliative 25:42–43
behaviour, submissive 25:42–43
behaviour, rhino 21:46–54; 31:14–20
behavioural change 13:42–44
biodiversity 12:42–45; 16:86; 17:10–18; 30:70–74
biotic variable 11:29–31
blood sample 14:47
body regions 26:116–121
breeding, managed centres 26:100–115
breeding, manipulated 23:24–28
breeding, unmanaged 23:24–28
breeding ground 13:47; 14:46; 21:13–14; 21:24–27
breeding nucleus 2:18–19
breeding performance 13:31–34; 26:69–82
breeding programme 21:24–27
breeding success 4:16
browse vegetation 22:25–35
browsers 2:9–10
buffalo 13:47; 30:87–95
bulls 16:81
bulls, introduced 31:14–20
calf mortality 20:27–30; 26:83–87
calf survival 14:37–38; 21:60–68
calving interval 7:6–8
cane rat 21:69–77
captive animals 13:47; 18:67–69; 30:17–23
captive breeding programme 4:17; 21:55–59; 23:24–28
captive propagation 2:18–19
capture 2:9–10; 22:61–65; 22:81
capture programme 21:24–27; 16:34–40; 17:75–90; 18:44–45
carving industry 10:6–11; 13:35–38 (*see also* ivory carving)
carving, local 4:18
cataloguing 18:46–53
Catha edulis 8:13–16
census 14:20–21; 16:82
Ceratotherium simum 13:5–11; 14:42–45
Ceratotherium simum cottoni 1:5–7; 4:5–6; 4:12–13; 6:10–13; 10:22; 13:39–41; 20:41–44; 21:55–59; 29:53–56; 30:81–86
cereal 8:17–18
chemical compounds 20:55–64
chemical difference 12:29–31
Chinese medicine 1:9–11
Chinese traders 12:38–41
circus 20:65–68
CITES 5:16–17; 13:5–11; 13:12–13; 13:45–46; 22:57–58; 24:23–29; 28:56–57; 28:91–100
CITES, ban 22:76; 22:77; 30:24–36
CITES, ratification 14:25–27
civil war 2:11–13; 13:39–41; 25:104–105; 28:44–55
closed pen 18:55–60
coastal port 23:29–40
co-existence 17:59–63
collar, Adcock 26:14–24
collar, Hofmeyr and van Dyk 26:14–24
collar, Mackenzie 26:14–24
collar design, neck 22:18–24
collared animals 2:5–7; 2:7–9; 16:72–80; 29:25–28
collars 15:34–39
Commiphora 3:9–11; 19:21–25
communal land 2:7–9; 17:19–29; 19:55–63; 20:31–32; 20:55–64; 22:47; 25:39–40; 25:41–42; 25:67–73
community conservation 22:66
community game guards 17:59–63; 20:31–32; 22:57–58; 23:19–23; 26:88–99
community-based project 21:15–23
compensation 30:57–64
competition for resources 21:78–83
Compositae 30:70–74
computer, hand-held 27:59–65
computer-generated map 16:82
conditioning 21:55–59
conflict dynamics 15:34–39; 22:83–86; 25:39–40; 28:73–77
conflict management 19:20–25
conservation 14:22–24; 15:19–24; 15:53–56; 16:44–47; 17:30–34; 17:39–51; 18:28–43
conservation, in situ 2:18–19; 12:27–28
conservation crisis 3:4–5; 24:23–29
conservation potential 16:84
conservation within capacity 19:11–14
consumer demand 24:23–29
continental estimate 8:1–10
control shooting 24:53–63
correction factor 1:7; 16:15–20
cost-effectiveness 15:28–33
cost-price ratio 17:52–58
courtship 12:47
craftsmen 12:4–21
critical reduction 16:81
Crocota crocuta 7:8–10; 21:60–68
crop damage 19:15–19; 19:33–38; 19:39–48; 20:55–64; 26:61–68; 28:73–77; 30:49–56
crop raiding 22:47; 23:12–18; 24:53–63; 25:39–40
cropping programme 14:46
crops, cultivated 17:19–29; 19:20–25; 30:75–80
cross-borders 22:78; 25:108–109; 26:52–60
culling 2:7–9; 4:9–11; 16:72–80; 19:26–32; 22:45–46; 22:67–73; 22:83–86
cultivators 19:33–38
dagger handle 1:14; 14:20–21; 30:87–95 (*see also* jambiya)
data, ecologic 30:65–69
data, high-quality 25:81–92
data entry 25:106–107; 27:22–33; 28:65–72
data presentation 27:22–33; 28:16–31
data storage 28:65–72
database 22:80
death rate 13:20–25
deaths 19:20–25
declining demand 1:9–11; 2:15–16; 13:35–38
declining numbers 13:42–44; 26:40–51; 27:76–85
defence 12:47
dhows 23:29–40
Dicerorhinus sumatrensis 21:13–14; 21:24–27; 26:100–115
Diceros bicornis 4:5–6; 4:15; 12:22–23; 14:42–45; 20:27–30; 21:60–68; 26:116–121
-

-
- Diceros bicornis bicornis* 20:33–38
Diceros bicornis longipes 6:10–13;
27:86–100; 29:53–56
Diceros bicornis michaeli 3:11; 6:5–
9; 7:6–8; 21:38–45; 26:69–82;
31:21–35
Diceros bicornis minor 3:11; 6:5–9;
21:46–54; 21:55–59
diet 30:75–80; 31:21–35
dietary composition 13:47
direct observation 22:36–43
disease 6:14–15
disease risk assessment 30:17–23
dissemination 30:65–69
distribution 21:15–23
distribution, dry-season 10:16–21
distribution, shrinking 4:15
distribution, wet-season 10:16–21
distribution areas 21:38–45
DNA fingerprinting 22:18–24
domestic livestock 25:14–27
dominance hierarchies 22:25–35
doum palm 23:12–18
drilling 30:81–86
drought 2:9–10; 25:109–110
dry-season surface water 2:14–15
dung counts 14:3–19; 16:15–20;
16:24–30; 28:32–43; 30:37–43;
30:70–74; 30:75–80; 31:63–69
dung decay rate 29:48–51
ear picks 13:35–38
eartag 26:14–24
ecologic data 30:65–69
ecological process 16:34–40
ecological role 27:101–104
ecology 12:42–45
economic decline 7:12–15
economic value 22:57–58; 27:49–54
ecosystem diversity 22:50–57; 11:7–
10 (*see also* biodiversity)
ecotourism 28:101–109; 17:59–63
educational value 23:44–45
electric fence 19:15–19; 31:52–57
electron beam microprobe 12:29–31
elephant, African 12:24–26; 12:32–
37; 15:19–24; 16:51–58; 16:85;
22:83–86; 24:30–32; 25:44
elephant, Asian 1:8; 10:1–5; 20:65–
68
elephant, bush 20:65–68
elephant, Chobe 14:46
elephant, crop-raiding 19:26–32;
25:53–66
elephant, desert 8:11–12; 13:14–19
elephant, forest 7:4–5; 13:45–46;
13:47; 16:86
elephant, free-ranging 20:55–64;
21:78–83; 22:18–24; 25:42–43
elephant, Gourma 2:14–15; 5:2–5;
23:12–18
elephant, savannah 3:15–16; 13:45–
46; 13:47; 16:66–71; 25:41–42;
28:44–55
elephant, tamed 20:65–68
elephant biology 29:25–28
elephant breeding groups 31:52–57
elephant conservation 13:2–4;
24:66; 28:32–43
elephant cows 25:45–52; 28:58–59
elephant cropping zone 22:61–65;
22:67–73
elephant density 15:49–52; 16:48–
50; 19:49–53
elephant distribution 8:1–10; 15:9–
14; 16:59–61; 18:46–53; 24:17–
22; 25:14–27; 25:93–94; 28:16–
31; 28:44–55
elephant domestication 1:11
elephant ecology 25:32–37
elephant herds 12:32–37; 14:46
elephant management 17:10–18;
22:45–46; 22:50–57; 22:57–58;
22:88–91; 28:73–77; 28:101–109;
30:44–48; 30:49–56
elephant meat 16:51–58; 25:104–
105; 31:36–41
elephant movement 14:32–36;
25:81–92; 27:69–73; 27:101–104;
30:37–43; 30:81–86
elephant numbers 4:18; 22:59–60
elephant population 1:7; 2:16–17;
4:5–6; 4:15; 13:14–19; 14:3–19;
16:62–65; 16:72–80; 21:69–77;
23:19–23; 23:41–43; 24:53–63;
25:41–42; 27:101–104; 28:58–59
elephant range 2:14–15; 8:1–10;
24:23–29; 25:93–94; 25:94–95;
28:73–77; 31:63–69; 31:70–72
elephant skin 10:1–5
elephant status 11:11–12; 25:44
elephant training 1:11
elephant tree damage 11:29–31;
17:64–74
elephant–habitat interaction 24:33–
35
elephants, domesticated 13:35–38
elephants, itinerant 16:86
elephants, juvenile 18:55–60
elephants, problem 28:73–77;
30:44–48
elephant–woodland interaction
11:29–31
Elephas maximus 21:78–83; 22:46
employment benefits 20:10–26
endangered rainforest mammals
15:9–14
endangered species 27:59–65
enumerators 30:49–56
environmental school 23:44–45
etorphine hydrochloride 25:32–37
export earnings 12:32–37
external sources 12:4–21
extinction 6:10–13; 21:60–68;
24:37–45; 27:86–100
family, fragmented 29:15–24
family, intact 29:15–24
family units 22:81
farm installation 19:15–19
farmland 15:15–18; 25:94–95;
30:49–56; 30:57–64
feedback 22:80
feeding behaviour and habit 7:10–
11; 12:47; 15:40–45; 22:47
fencing 19:15–19; 22:45–46
fertility regulation 16:62–65
fertilization 22:87
film presentation 22:66
fishing 28:44–55
floodplain 25:74–80; 29:39–47
fodder plants 3:15–16
food selection 21:46–54
food supply 14:29–31
footprints 21:15–23; 27:34–48;
27:49–54
foreign embassy 5:14; 31:42–51
forest animals 20:45–54
forest exploitation 22:50–57; 22:88–
91
forest gaps 12:42–45
forest guards 20:10–26
-

- forest mammals 4:12–13; 24:46–52
 forest zone 16:66–71
 founder population 15:40–45
 fragmentary species 3:4–5
 fruits 30:75–80
 funding 26:25–39
 game guards 15:58; 26:88–99
 genetic condition 7:8–10; 13:45–46
 germination 29:29–38; 30:65–69;
 30:70–74
 GPS technology 22:18–24
 grain 29:29–38
 Gramineae 30:70–74
 grasses, annual 2:14–15
 grazing land 19:11–14
 green penis syndrome 1:8
 ground-truthing 15:28–33
 groundwater 28:78–90
 group dynamics 29:15–24
 guerilla forces 1:5–7
 habitat, native 26:100–115
 habitat conservation 28:101–109;
 29:39–47
 habitat degradation 3:9–11; 14:32–
 36; 14:46; 15:49–52; 16:62–65;
 24:33–35
 habitat destruction 21:78–83;
 24:17–22
 habitat evaluation 13:47; 17:35–38
 habitat improvement 27:34–48
 habitat interaction 16:34–40
 habitat loss 31:63–69
 habitat protection 15:25–27
 habitat reduction 20:69–72
 habitat structure 26:100–115;
 30:37–43
 habitat types 8:1–10
 habitat use 22:25–35; 27:69–73
 herbivores 14:29–31; 28:58–59
 herd composition 17:64–74
 herd size 22:25–35
 high-density areas 1:5–7
 historical trends 25:14–27
 holding period 6:14–15
 home ranges 25:81–92
 home-range size 16:72–80
 home-range studies 26:40–51
 honey collecting 20:69–72
 horn 25:107–108
 horn, anterior 30:81–86
 horn regrowth 12:47; 17:52–58
 human activities 14:22–24; 15:9–
 14; 19:20–25; 22:91; 24:53–63;
 25:41–42; 25:43–44; 25:94–95;
 27:69–73
 human disturbances 16:24–30
 human influence 11:29–31; 30:37–43
 human presence 14:3–19; 16:44–47;
 26:61–68; 27:86–100; 30:37–43
 human–animal conflict 17:19–29
 human–elephant conflict 8:11–12;
 13:14–19; 14:46; 16:66–71;
 19:26–32; 19:49–53; 21:78–83;
 22:61–65; 23:19–23; 24:17–22;
 25:53–66; 25:94–95; 26:52–60;
 28:73–77; 30:44–48; 31:58–62
 hunger 14:29–31
 hunter-gatherers 19:20–25
 hunters, licensed 3:5–7
 hunters, mounted 13:42–44
 hunters, trophy 10:6–11
 hunting, big-game 4:12–13
 hunting, illegal elephant 5:16–17;
 16:48–50; 19:11–14
 hunting, illicit 13:20–25
 hunting, incidental mortality 17:75–
 90
 hunting, local 24:46–52
 hunting, private 23:44–45
 hunting, selective 3:12–13; 22:46
 hunting, sport 13:20–25; 16:85
 hunting, uncontrolled 4:18
 hunting intensity 3:5–7; 3:12–13
 hybrid 3:11; 7:4–5
 hyena predation 7:8–10; 14:37–38;
 20:27–30
 identification notches 2:5–7
 illegal killing 16:81; 18:28–43;
 20:31–32
 illegal shipment 13:5–11
 illegal trade 13:20–25; 15:15–18;
 27:105–112
 immuno-contraception 25:45–52
 import policy 5:15–16
 imports 1:14; 14:28
 inbreeding depression 3:4–5
 Indian Ocean 14:39–41; 23:29–40
 infection, bacterial 12:22–23
 infectious disease 12:22–23
 inflicted wound 12:22–23
 informant injuries 19:15–19
 informants 18:28–43; 21:15–23;
 22:10–17; 26:88–99; 30:87–95;
 31:36–41
 information system 25:40–41;
 25:93–94
 intelligence funds 22:10–17;
 27:105–112
 interaction frequency 18:55–60
 interbirth intervals 10:22; 21:55–59
 international ban 14:28
 international cooperation 5:14
 international market 13:2–4
 international trade 1:9–11; 15:19–
 24
 Intensive Protection Zone 31:21–35
 inventory 22:76; 28:73–77
 iodine deficiency 28:78–90
 iron 30:17–23
 isolated population 4:13–14
 ivory 6:3–4; 27:105–112
 ivory, African 12:4–21
 ivory, Burundi 4:18
 ivory, imported 4:18; 8:13–16;
 10:1–5; 12:4–21; 28:56–57
 ivory, raw 4:18; 5:6–11; 10:1–5;
 28:56–57; 30:24–36
 ivory, worked 10:1–5
 ivory associations 5:15–16
 ivory ban 24:23–29
 ivory carving 7:12–15; 14:28;
 15:15–18; 30:24–36
 ivory manufacturing 3:5–7
 ivory price increase 2:11–13
 ivory products 12:4–21; 14:25–27
 ivory trade 1:14; 4:12–13; 5:6–11;
 11:11–12; 13:2–4; 14:3–19;
 16:51–58; 17:75–90; 30:24–36;
 31:70–72
 jambiya 8:13–16; 23:29–40; 28:91–
 100; 30:87–95 (*see also* dagger
 handle)
 jewellery 5:6–11; 16:51–58
 juvenile mortality 4:16; 11:26–28
 kings 25:28–31
 Kruger dart 27:49–54
 laboratory 14:47
 land use 22:88–91; 26:61–68
 land-use planning 16:85; 21:69–77;
 25:43–44

- Lansea* 18:54
- law enforcement 1:14; 2:18–19; 3:7–8; 16:81; 17:30–34; 20:39–40; 21:28–34; 22:57–58; 31:36–41
- legal objections 24:30–32
- lip circumference 2:16–17
- literature review 27:34–48
- live animal trade 10:6–11
- live wires 18:28–43
- local authority 31:36–41
- local knowledge 22:36–43
- local people 19:54–63; 20:31–32
- local strategies 19:26–32
- logging 15:9–14; 16:84; 19:33–38; 27:69–73
- logging, commercial 22:58
- logging, selective 3:15–16
- Loxodonta africana* 4:15; 4:18; 10:1–5; 10:6–11; 16:44–47; 17:75–90; 19:39–48; 20:55–64; 21:78–83; 22:36–43; 22:46; 26:52–60; 26:61–68; 29:48–51; 28:78–90; 30:75–80
- Loxodonta africana africana* 25:74–80; 28:32–43
- Loxodonta africana cyclotis* 4:12–13; 6:16–17; 10:12–15; 20:45–54; 20:65–68; 22:50–57; 22:59–60; 25:32–37; 30:37–43
- Loxodonta africana pumillio* 7:4–5; 10:12–15; 22:50–57
- management 13:31–34; 16:72–80; 18:46–53; 27:101–104
- management objectives 16:34–40; 22:67–73
- mapfile 27:22–33
- Marantaceae forest 24:46–52
- market 28:91–100; 30:24–36
- markets, major 15:53–56
- marsh 22:7–9
- mating behaviour 21:24–27
- measurements 28:65–72
- medicine 21:28–34
- metapopulation 13:31–34; 31:21–35
- migration 5:2–5; 26:52–60
- military use 20:65–68
- milk 8:17–18
- missing tails 7:8–10
- mixed parentage 3:11
- Mocha 23:29–40
- monitoring system 3:7–8; 12:47; 15:58; 20:33–38; 24:66; 25:67–73; 26:14–24
- mortality 2:16–17; 5:12–13; 6:14–15; 7:10–11; 17:52–58; 21:60–68; 26:69–82
- mortality pattern 6:16–17
- mother–calf group 20:45–54
- movement patterns 7:10–11; 10:16–21
- muscle wasting 26:116–121
- musth 16:81; 22:59–60; 31:14–20
- nails 11:13–22; 25:107–108; 27:105–112 (*see also* rhino nails)
- natural barrier 27:86–100
- natural history museum 24:37–45
- natural mortality 3:12–13; 4:9–11; 17:75–90; 26:25–39
- natural reserves 14:22–24
- natural resources 3:14–15; 30:57–64
- non-timber forest products 22:58
- nostrils 21:35–37
- notching 20:33–38
- numerical code 16:82
- nutritional content 28:78–90
- nutritional deficiency 12:22–23
- nutritional needs 4:13–14
- oestradiol implants 25:45–52
- oestrogen 25:45–52
- oestrus 21:24–27
- old stock 1:9–11
- open paddock 18:55–60
- operant conditioning technique 18:67–69
- opportunistic sighting 15:58
- orphaned calf 11:26–28
- overabundance 2:11–13; 22:67–73; 24:33–35
- overexploitation 3:9–11
- overkilling 4:9–11
- parasitic disease 12:22–23
- park entrance fees 17:39–51
- park management 22:10–17; 25:104–105
- pastoral rangelands 16:86
- pastoralists 22:25–35
- patch dynamics 16:86
- patrols and patrol efficiency 1:13; 3:7–8; 3:15–16; 4:17; 26:25–39; 26:88–99; 31:36–41
- permanent drinking water 17:64–74
- pharmacists 13:12–13
- phenolic activity 8:11–12
- photographic images 27:34–48
- physical characteristic 21:35–37
- pit diggers 20:10–26
- poachers, commercial 16:85; 17:30–34
- poaching 1:5–7; 1:7; 1:13; 3:7–8; 3:14–15; 4:13–14; 4:18; 5:2–5; 5:6–11; 5:14; 11:26–28; 12:38–41; 12:46; 13:26–30; 13:39–41; 13:42–44; 15:25–27; 16:59–61; 16:84; 19:39–48; 20:10–26; 21:28–34; 22:7–9; 22:10–17; 22:81; 25:104–105; 25:109–110; 26:25–39; 26:83–87; 27:76–85; 27:86–100; 28:32–43; 28:44–55; 29:39–47 (*see also* anti-poaching)
- poaching, heavy 12:46, 31:36–41
- poaching gangs 7:12–15; 12:4–21; 21:28–34; 26:88–99
- poaching pressure 16:86
- policies, national 11:11–12; 12:24–26
- policy 14:25–27; 19:11–14; 23:19–23; 23:41–43; 28:32–43
- population density 14:32–36; 29:48–51
- population dynamics 11:11–12; 14:46
- population estimate 2:15–16; 22:78; 25:106–107
- population growth 13:31–34; 28:78–90
- population reduction 22:83–86
- population structure 1:14; 21:38–45
- population trend 14:42–45
- population, relict 2:10
- positive identification 21:35–37
- posterior horn 30:81–86
- post-mortem examination 15:46–48
- post-release mortality 26:40–51
- predators 26:83–87
- predators, dangerous 21:60–68
- pregnancy 22:86
- pregnancy termination 16:62–65
- prices 6:3–4; 14:25–27
- Prince of Wales 25:28–31
- private landowners 31:52–57

-
- private collectors 13:12–13
propagation techniques 3:4–5
protected areas 16:59–61; 16:85;
17:10–18; 17:30–34; 17:59–63;
19:20–25; 23:19–23; 25:108–109;
28:16–31
protection, effective 12:27–28
quotas 5:16–17; 10:1–5
radiocollared animals 29:25–28;
16:72–80
radiotracking 22:18–24
rainforest, coastal 22:45–46
rainforest, endangered mammals
15:9–14
rainforest, semi-deciduous 14:3–19
rainforest, tropical 3:15–16; 14:22–
24
rainy season 25:53–66
ranches 4:17
ranches, large-scale 16:86; 19:15–
19
ranches, private 2:9–10; 15:40–45;
25:67–73; 29:53–56
ranking system 11:7–10
rebels 4:18
receptor 22:86
reconnaissance survey 12:46
reference library 12:29–31
rehabilitation 2:18–19
re-introductions 17:35–38; 26:40–
51
repair 30:87–95
reproduction 3:11; 13:26–30;
22:59–60
reproductive performance 7:6–8;
29:15–24
reproductive rate, high 13:26–30
rescue operation 2:9–10
reserves 18:44–45; 28:60–64
reserves, private 14:29–31
resin cloud 20:55–64
resources 22:91
respiratory distress 15:46–48;
27:49–54
restrictions 14:28
retail marketplace 22:76
retail outlets 28:56–57; 30:24–36
retail sale 15:53–56
reversal agent 25:32–37
rewards 22:10–17
- Rhapta 23:29–40
rhino, African 14:39–41
rhino, Asian 13:20–25; 18:28–43
rhino, black 2:15–16; 4:17; 5:14;
11:26–28; 12:24–26; 12:27–28;
24:65; 27:76–85; 27:86–100
rhino, desert 12:47; 17:39–51
rhino, greater one-horned 21:28–34
rhino, naturally occurring 31:14–20
rhino, northern white 2:18–19; 4:17;
29:53–56
rhino, Sumatran 11:13–22; 14:39–
41
rhino, Sundarbans 24:37–45
rhino, white 13:39–41; 24:65;
27:76–85
rhino breeding population 31:21–35
rhino conservation 23:44–45;
26:88–99; 27:105–112; 28:65–72
rhino horn 5:14; 6:3–4; 11:23–25
11:26–28; 12:47; 15:57; 24:65;
27:105–112; 27:76–85; 28:60–64;
28:91–100
rhino movement 21:38–45; 22:7–9
rhino nails 15:53–56
rhino population 26:25–39; 26:40–
51; 26:100–115; 27:34–48
rhino products 11:13–22; 11:23–25;
12:38–41; 14:37–38; 14:39–41;
14:20–21; 15:53–56; 28:60–64
rhino sanctuary 14:37–38
rhino-based medicine 11:13–22;
11:23–25; 13:12–13
Rhinoceros sondaicus 13:5–11;
15:25–27; 24:37–45; 26:100–115
Rhinoceros sondaicus annamiticus
27:34–48
Rhinoceros sondaicus inermis
24:37–45
Rhinoceros unicornis 20:10–26;
22:7–9; 26:25–39; 26:83–87
rhinos 22:81; 26:14–24
rhinos, stray 22:7–9
rich countries 15:19–24
rich habitat 15:25–27
rural communities 22:36–43
rural development 3:14–15
safari hunting 17:19–29
Sahel 10:16–21; 16:66–71
sampling units 16:15–20; 16:24–30
- sanctuary 13:47; 14:42–45; 26:69–
82; 28:101–109
sanctuary vegetation 21:46–54
savannah 3:9–11; 12:42–45; 23:12–
18; 28:16–31
savannah, sudanian 26:52–60
savannah, sudano-guinean 6:10–13;
16:66–71; 17:59–63; 19:39–48,
31:70–72
savannah ecosystems 24:33–35
savannah habitats 16:62–65
seasonal variations 17:10–18; 25:44
second-hand information 21:15–23
secretion 1:8
security 13:31–34
seed dispersal agent 12:42–45;
16:86; 29:29–38
seed dispersal agent, obligate 30:70–
74
semi-nomadic livestock farmers
20:27–30
semi-permanent aggregations
15:49–52
semi-precious stone 28:91–100
separation 7:4–5
settlement patterns 21:69–77;
31:58–62
sexual dimorphism 6:5–9
shooting, selective 19:54–63
short-term repellency 20:55–64
sightings, actual 21:15–23
signal range 30:81–86
skin infection 26:14–24
skins 25:107–108; 27:105–112
skull measurement 6:5–9
skulls 5:12–13
slash-and-burn agriculture 15:25–27
small-scale farming 14:32–36;
15:34–39; 19:15–19; 25:67–73;
27:69–73
smuggling 11:23–25; 13:20–25;
20:10–26; 21:28–34; 28:91–100
snares 4:13–14; 31:42–51
social behaviour 22:47; 26:40–51
social group 20:45–54
social interaction 20:41–44
spatial patterns 30:49–56
species 30:65–69
spreadsheet program 25:106–107;
27:22–33
-

stable numbers 16:59–61
 steroid hormones 16:62–65
 stockpile 5:16–17; 24:23–29;
 28:91–100
 stratification 16:24–30; 29:25–28
 subsistence farmer 25:74–80
 sufficient doses 24:30–32
 supplementation 28:78–90
 survival 4:13–14; 22:46; 26:69–82
 sustainable use 19:49–53; 24:30–32
 systematic sampling 16:48–50
 tagged animals 2:5–7
 taxonomy 20:39–40
 template 21:35–37
 tick disease 4:17
 timing release 17:35–38
 tissue samples 13:45–46
 tooth eruption 5:12–13
 tourism 15:15–18; 17:19–29; 22:58;
 22:76; 24:46–52; 26:88–99
 trackers 20:33–38; 27:59–65
 trade 12:38–41 (*see also* ivory
 trade)
 trade across borders 16:51–58
 trade bans 13:2–4
 trade structure 12:32–37
 traditional medicine shops 14:39–41
 traditional societies 20:69–72
 traditional tracking 27:59–65
 TRAFFIC 5:15–16; 13:5–11;
 14:25–27; 22:77
 trampling 21:69–77
 transectoral ultrasound 21:55–59
 translocation 2:15–16; 2:18–19;
 4:17; 6:14–15; 7:6–8; 7:10–11;
 19:54–63; 20:41–44; 26:69–82;
 27:49–54; 28:60–64; 30:44–48;
 31:52–57; 31:58–62
 transmitter 22:18–24; 26:14–24
 transponders 22:18–24
 traps 20:65–68; 31:42–51
 trend analysis 16:82; 26:61–68
 tribal people 15:25–27
 Tsavo ecosystem 25:109–110
 tsetse fly 6:14–15; 8:1–10
 tumours 15:46–48
 tusk dimension 6:16–17
 tusk growth 4:9–11
 tusk measurements 1:14; 2:16–17;
 13:47
 tusks, broken 2:5–7
 tusks, mature development 7:4–5
 unnatural conditions 21:13–14
 urban zoo 4:16
 vaccine 22:87
 vaccine, contraception 16:62–65
 vaginal discharge 21:24–27
 vegetation 18:44–45; 23:12–18;
 27:34–48; 27:101–104
 veterinary health 22:83–86
 VHF radio transmitters 15:28–33
 village economy 19:54–63; 21:69–
 77; 30:57–64
 visibility bias 17:64–74
 vitamin B 8:17–18
 vitamin E deficiency 14:47
 voluntary behaviour 18:67–69
 water buffalo 30:87–95
 water resources 19:11–14; 31:21–35
 water scarcity 13:47
 water sources 23:41–43; 24:37–45
 waterhole 31:21–35
 weaning, enforced 4:16
 weapons, automatic 4:18; 12:46;
 14:3–19; 31:36–41
 wheezing 15:46–48
 whistle conditioning 18:67–69
 wild fires 2:7–9
 wild mammals 16:85
 wildlife authorities 14:42–45
 wildlife concentration 28:44–55
 wildlife conservation 3:14–15
 wildlife industry 10:6–11
 wildlife management 12:24–26;
 25:14–27
 wildlife products 25:107–108
 wildlife revenue 17:19–29
 wildlife sanctuary 18:28–43
 woodland destruction 2:11–13; 5:2–
 5; 14:29–31; 18:46–53
 woodland habitat 2:7–9
 woodlands, miombo 8:11–12
 woodlands, mopane 25:74–80;
 29:25–28
 woody vegetation 14:46; 23:41–43
 World Heritage Site 4:17; 31:36–41
 world population 2:10; 4:16
 worldwide trade 12:32–37
 X-ray spectroscopy 12:29–31
 young adults 18:46–53
 zoological inventory 22:58

Geographical protected areas index

BENIN

Foret Classé de Goungoung 30:65–69
 Foret Classé de la Sota 30:65–69

BURKINA FASO

Arli National Park 5:2–5; 18:46–52; 28:16–32
 Deux-Balé Reserve 5:2–5; 10:16–21
 Kabore Tambi National Park 18:46–52
 Nazinga Game Ranch 10:16–21; 18:46–53; 18:54; 29:29–
 38

Pama Reserve 5:2–5

Po National Park 5:2–5; 10:16–21

Sigou Reserve 5:2–5

‘W’ National Park 4:7–9; 5:2–5; 18:46–52

BOTSWANA

Central Kalahari Game Reserve 3:5–7; 13:14–19; 25:14–27
 Chobe National Park 2:11–13; 3:5–7; 4:7–9; 13:14–19;
 14:46; 17:64–74; 22:67–73; 25:14–27
 Gemsbok National Park 3:5–7; 13:14–19; 25:14–27
 Khama Rhino Sanctuary 20:41–44

Khutse Game Reserve 3:5–7; 13:14–19
Mabusehube Game Reserve 3:5–7
Maikaelelo Game Reserve 3:5–7
Mashatu Game Reserve 13:14–19
Moremi Game Reserve 3:5–7; 13:14–19; 17:64–74;
22:67–73; 25:14–27
Nxai Pan National Park 3:5–7; 13:14–19; 22:67–73;
25:14–27
Tuli Protected Area 13:14–19; 25:14–27

CAMEROON

Banyang-Mbo Forest Reserve 25:32–37
Bénoué National Park 16:66–71; 27:86–89
Boubandjidah National Park 16:66–71; 19:26–32; 27:86–100
Boumba-Bek Forest Reserve 15:9–14; 22:58
Dja Wildlife Reserve 15:9–14
Faro National Park 16:66–71; 27:86–100
Kalamaloué National Park 16:66–71; 19:26–32; 25:53–
66
Korup National Park 15:9–14; 25:32–37
Lobeke Forest Reserve 19:73–80; 22:58
Nki Reserve 22:58
Waza National Park 16:66–71; 19:26–32; 25:53–66;
27:62–65

CENTRAL AFRICAN REPUBLIC

Aouk-Aoukale Faunal Reserve 6:10–13
Bamangui-Bangoran National Park 2:11–13; 4:12–13;
6:10–13
Dzanga–Ndoki National Park 10:12–15; 15:9–14
Dzanga–Sangha Reserve 7:4–5; 10:12–15; 14:3–19;
15:9–14; 20:45–54; 28:73–77
Gounda St Floris National Park 4:12–13; 6:10–13; 6:16–
17; 10:12–15; 13:42–44; 14:22–24
Zemongo Game Reserve 1:5–7; 4:12–13; 6:10–13

CHAD

Goz Sassoulka National Park 1:5–7; 6:10–13

CONGO

Nouabale Ndoki Park/Reserve System 15:9–14; 16:51–
58; 20:45–54
Odzala National Park 16:51–58; 24:46–52
Reserve de faune de Conkouati 22:50–57

DEMOCRATIC REPUBLIC OF CONGO

Domaine de Chasse Azanda 19:39–48; 27:76–85
Domaine de Chasse Gangala-na-Bodio 19:39–48; 27:76–85

Domaine de Chasse Mondo Missa 19:39–48; 27:76–85
Garamba National Park 1:5–7; 1:11; 2:10; 2:11–13;
2:18–19; 4:7–9; 4:17; 10:22; 13:39–41; 13:47; 19:39–
48; 20:65–68; 25:104–105; 25:106–107; 27:22–33;
27:76–85; 29:53–56
Maiko National Park 12:46
Okapi Faunal Reserve 31:36–41
Salonga National Park 12:46
Virunga National Park 28:44–55

ETHIOPIA

Mago National Park 28:32–43

GHANA

Ajueso Forest Reserve 19:33–38
Ankasa Conservation Area 31:63–69
Assin Attandanso Wildlife Reserve 19:33–38; 21:78–83;
22:7–9
Gambago Scarp East Forest Reserve 26:52–60
Kakum National Park 19:33–38; 21:78–83
Mole National Park 26:52–60; 26:61–68
Morago River East Forest Reserve 26:52–60
Morago River West Forest Reserve 26:52–60
Nini-Suhien National Park 31:63–69
Pra Suhien Game Reserve 19:33–38
Red Volta East Forest Reserve 26:52–60
Red Volta West Forest Reserve 26:52–60

INDIA

Bagser Reserved Forest 22:7–9; 26:83–87
Biswanath Reserved Forest 22:7–9
Burhachapori Reserved Forest 22:7–9
Buxa Tiger Reserve 27:105–112
Dibru-Saikhowa Wildlife Sanctuary 22:7–9
Dihingmukh Reserve Forest 22:7–9
Dudhwa National Park 11:13–22; 18:28–45; 21:28–34;
22:7–9; 22:10–17
Dulung Reserved Forest 22:7–9
Gorumara Wildlife Sanctuary 18:28–45; 21:28–34;
22:10–17; 27:105–112
Jaldapara Wildlife Reserve 18:28–43; 21:28–34; 22:10–
17; 27:105–112
Kakoi Reserved Forest 22:7–9
Kaziranga National Park 13:20–25; 18:28–43; 22:7–9;
22:10–17; 26:25–39; 26:83–87; 27:105–112; 29:39–47
Kukurakata Reserved Forest 22:7–9; 26:83–87
Laokhowa Wildlife Sanctuary 18:28–43; 22:7–9; 26:25–39
Manas National Park 18:28–43; 21:28–34; 22:10–17;
26:25–39; 27:105–112

Manas Tiger Reserve 18:28–43
Namdang Reserved Forest 22:7–9
Nameri Wildlife Sanctuary 22:7–9
Orang Wildlife Sanctuary 18:28–43; 22:10–17; 26:25–39; 29:39–47
Pabha Reserved Forest 22:7–9
Pabitora Wildlife Sanctuary 18:28–43; 22:10–17; 22:7–9; 26:25–39; 29:39–47
Pani Dahir Wildlife Sanctuary 22:7–9
Panir Reserve Forest 22:7–9
Panpur Reserved Forest 22:7–9

INDONESIA

Belum State Park 26:100–115
Bentuang Karimum Nature Reserve 21:15–23
Berbak National Park 26:100–115
Bukit Barisan Selatan National Park 26:100–115
Gunung Leuser Park 11:13–22; 26:100–115
Kayan-Mentarang Reserved Forest 21:15–23
Kerinci Seblat National Park 26:100–115
Ragunan Zoo 26:100–115
Surabaya Zoo 26:100–115
Tabin Wildlife Reserve, Indonesia 26:100–115
Taman Safari Zoo 26:100–115
Ujong Kulon National Park 26:100–115; 27:34–38
Ulu Sembakung Nature Reserve 21:15–23
Way Kambas National Park 21:13–14; 26:100–115

IVORY COAST

Azagny National Park 15:20–24
Bossematie Forest Reserve 30:37–43
Scio Forest Reserve 15:20–24
Tai National Park 3:15–16; 14:22–24
Tene Forest Reserve 15:20–2

KENYA

Aberdares National Park 4:15; 14:37–38; 13:31–34; 16:86–87; 30:70–74
Amboseli National Park 1:8; 12:42–45; 13:26–30; 13:31–34; 14:37–38; 25:81–92
Arabuko-Sokoke Forest 29:48–51; 30:75–80
Imenti Forest Reserve 27:69–73
Laikipia Ranch 13:31–34; 16:86–87
Lake Nakuru National Park 13:31–34; 13:47; 26:69–82
Leroghi Forest Reserve 25:67–73
Lewa Downs Sanctuary 13:31–34; 25:67–73; 26:69–82
Masai Mara Game Reserve 2:15–16; 12:22–23; 13:31–34; 21:35–37; 21:38–45; 22:25–35; 24:65; 27:66–68; 27:74

Mathews Range Forest Reserve 25:66–73
Meru National Park 12:22–23; 25:81–92; 26:69–82
Mukogodo Forest Reserve 25:67–73
Mpala Ranch 15:34–39
Mt Kenya Forest Reserve 27:69–73
Mt Kenya National Park 4:15; 27:69–73
Mwea National Reserve 22:61–65
Nairobi National Park 13:20–25; 13:31–34; 13:47; 15:46–48; 26:69–82
Ngare Ndare Forest Reserve 25:67–73; 27:69–73
Ol Ari Nyiro Ranch 15:28–33; 15:34–39
Ol Jogi Ranch 13:31–34; 14:29–31; 26:69–82
Ol Pejeta Game Ranch 13:31–34; 15:34–39; 26:69–82
Samburu National Reserve 25:67–73; 25:81–92
Shimba Hills National Park 22:45–46
Solio Ranch 13:31–34; 13:47
The Salient 14:37–38
Tsavo National Park 2:11–13; 3:9–11; 12:22–23; 13:20–25; 13:31–34; 16:86–87; 19:20–25; 20:69–72; 22:61–65; 24:33–35; 25:109–110; 26:69–82; 29:15–24; 30:70–74
Tsavo Ngulia Sanctuary 12:22–23; 13:31–34; 26:69–82

MALAWI

Kasunga National Park 3:7–8; 3:9–10; 5:6–11; 8:11–12; 12:29–31; 16:59–61
Liwonde National Park 5:6–11; 12:29–31; 16:59–61; 21:46–54; 25:74–80
Majete Wildlife Reserve 5:6–11; 22:36–43
Middle Shire Valley 5:14–15; 22:36–43
Nkhotakota Game Reserve 5:6–11
Nyika National Park 5:6–11
Vwaza Marsh Game Reserve 5:6–11; 11:29–31; 12:29–31

MALAYSIA

Danum Valley Protected Forest Area, Sabah 26:100–115
Endau Rompin State Park 26:100–115
Gunung Inas Forest Reserve 26:100–115
Jeli Forest Reserve 26:100–115
Main Range Forest Reserve 26:100–115
Sepilok Rhino Breeding Centre, Sabah 21:24–27; 26:100–115
Sungai Dusun Wildlife Reserve 26:100–115
Tabin Wildlife Reserve, Sabah 26:100–115
Taman Negara National Park 26:100–115
Ulu Selama Wildlife Reserve (proposed) 26:100–115

MALI

Gourma Elephant Reserve 2:14–15

MOZAMBIQUE

Gorogosa National Park 4:7–9

Maputo Elephant Reserve 30:57–64

NAMIBIA

Caprivi Game Reserve 19:49–53

Damaraland 4:13–14; 12:47

Etosha National Park 4:7–9; 4:13–14; 12:47; 17:39–51;
19:49–53; 26:40–51

Kaokoveld Park 17:39–51; 19:49–53

Khaudom Game Reserve 19:49–53

Mahango Game Reserve 19:49–53

Mamili National Park 19:49–53

Mudum National Park 19:49–53

Skeleton Coast Park 4:13–14

NEPAL

Parsa Wildlife Reserve 31:42–51

Royal Bardia National Park 20:10–26; 22:10–17; 26:88–
99; 31:42–51

Royal Chitwan National Park 13:20–25; 20:10–26;
22:10–17; 25:107–108; 26:88–99; 31:42–51

NIGERIA

Chingumi/Duguma Game Reserve 23:19–23

Lake Chad Game Sanctuary 23:19–23

Sambisa Game Reserve 23:19–23

SENEGAL

Niokolo Koba National Park 2:11–13; 4:7–9; 31:70–72

SOUTH AFRICA

Addo Elephant National Park 3:11; 7:6–8; 13:31–34;
17:35–38; 21:78–83; 26:68–82

Augrabies National Park 7:6–8

Diepwalle State Forest 21:78–83

Gouna State Forest 21:78–83

Hluhluwe-Umfolozi Game Reserve 2:15–16; 7:8–10;
7:10–11; 13:31–34; 15:58; 17:35–38; 20:33–38;
26:14–24; 31:14–20; 31:52–57

Itala Nature Reserve 2:15–16

Kruger National Park 2:11–13; 2:15–16; 3:9–11; 4:7–9;
7:10–11; 13:31–34; 16:72–80; 17:35–38; 18:55–60;
20:65–68; 22:10–17; 25:45–52; 25:81–92; 28:60–64;
29:53–56; 31:14–20; 31:52–57

Kwalata Game Reserve 23:44–45

Lapalala Wilderness 15:40–45; 18:44–45; 23:44–45

Madikwe Game Reserve 18:55–60; 26:14–24; 26:40–41;
31:52–57

Makgadikgadi Pans Game Reserve 3:5–7; 13:14–19;
25:14–27

Marakele National Park 23:44–45

Mkuzi Game Reserve 2:15–16; 20:33–38; 26:40–51

Ndumu Game Reserve 2:15–16; 26:40–51

Pilanesberg Game Reserve 2:15–16; 13:20–25; 17:35–
38; 26:14–24; 26:40–51; 31:14–20

Sam Knott Game Reserve 26:40–51

Shamwari Game Reserve 26:40–51

Spektakel Game Ranch 18:55–60

Timbavati Private Nature Reserve 25:81–92

Umfolozi Game Reserve 15:40–45; 20:41–44; 26:14–24;
30: 81–86

Vaalbos National Park 7:6–8

Venetia Limpopo Nature Reserve 18:55–60

Wankie National Park 3:9–11

Waterberg Plateau National Park 17:39–51; 26:40–51

Weenen Nature Reserve 2:15–16; 26:40–51

Welgevonden Game Reserve 23:44–45

SUDAN

Nimule National Park 1:5–7; 2:11–13; 27:76–85

Numatima Game Reserve 1:5–7

Shambe Game Reserve 1:5–6; 2:10; 27:76–85

Southern National Park 1:5–7; 2:10; 10:22; 27:76–85

SWAZILAND

Mkhaya National Park 24:65

Hlane National Park 24:65

TANZANIA

Arusha National Park 13:47

Lake Manyara National Park 4:7–9; 13:26–30

Longido Game Controlled Area 25:81–92

Mkomazai Rhino Sanctuary 31:21–35

Ngorongoro Crater 31:21–35

Ruaha National Park 2:11–13; 4:7–9

Selous Game Reserve 1:7; 4:7–9; 4:18; 6:3–4; 31:21–35

Tarangire National Park 13:26–30; 13:47; 28:58–59

Udendeule Forest Reserve 31:21–35

THAILAND

Phu-Khie Wildlife Sanctuary 11:13–22

Krachan National Park 11:13–22

Togo

- Barkoissi Forest Reserve 26:52–60
Foret de Doung Reserve 26:52–60
Galangashie Game Reserve 24:17–22; 26:52–60
Oti-Mandouri Game Reserve 24:17–22; 26:52–60
Parc national de Fazao-Malfacassa 24:17–22
Parc national de la Fosse-aux-Lions 24:17–22; 26:52–60
Parc national de la Keran 24:17–22; 26:52–60
Reserve de faune d'Abdoulaye 24:17–22

UGANDA

- Ajai Sanctuary 1:5–7
Bwindi Impenetrable Forest 28:44–55
Kidepo National Park 1:13; 4:7–9; 15:49–52
Mt Kei Forest Reserve 1:5–7
Murchison Falls National Park 1:13; 2:10; 2:11–13; 4:7–9; 12:42–45; 15:49–52; 31:58–62
Otze Forest Reserve 1:5–7
Queen Elizabeth National Park 1:13; 4:7–9; 15:49–52; 16:81; 22:46; 28:44–55

UK

- London Zoo 4:16
Port Lympne Zoo 26:100–115

USA

- Cincinnati Zoo 26:100–115
Fossil Rim Wildlife Centre 21:55–59

- San Diego Wild Animal Park 18:67–69
San Diego Zoo 18:67–69

VIETNAM

- Cat Tien National Park 15:25–27; 27:34–48

ZAMBIA

- Chiawa Game Management Area 16:48–50
Lower Zambezi National Park 16:48–50
Luangwa Valley 2:11–13; 3:14–15; 4:7–9; 7:12–15; 12:24–26; 12:27–28; 13:20–25; 16:81–82; 17:30–34
Lupande Game Management Area 19:81–86
South Luangwa National Park 12:29–31

ZIMBABWE

- Chirisa Safari Area 2:5–7
Chizarira National Park 2:5–7
Gonarezhou National Park 2:9–10; 22:81
Hwange National Park 2:9–10; 3:9–10; 6:14–15; 20:55–64
Mana Pools National Park 5:12–13; 5:14
Matusadona National Park 2:7–9; 6:14–15; 17:19–29
Middle Zambezi Valley 5:14–15; 6:14–15; 13:20–25; 16:48–50
Mushandike Sanctuary 6:14–15
Sengwa Wildlife Research Area 2:5–7; 20:55–64; 22:47; 25:39–40
Zambezi Valley 29:25–28

Book reviews index

- The African elephant as a game ranch animal (proceedings of a symposium)*, 1995, J van Heerden and BL Penzhorn, eds. Reviewed by Thomas W deMaar
- The art of rhinoceros horn carving in China*, 1997, Jan Chapman. Reviewed by Lucy Vigne 28:111–112
- AZA rhinoceros husbandry resource manual*, Michael Fouraker & Tarren Wagener, eds. Reviewed by Thomas W deMaar 23:46
- The elephants in Sri Lanka*, Jayantha Jayewardene. Reviewed by John Eisenberg 19:87
- Ivory crisis*, 1983, Ian Parker and Mohamed Amin. Reviewed by RHV Bell 3:19–20
- The ivory markets of Africa*, Esmond Martin and Daniel Stiles. Reviewed by Kees Rookmaker 29:61–62
- The Japanese ivory industry*, 1985, Esmond Bradley Martin. Reviewed by Tom Pilgram 5:16
- On a knife's edge: the rhinoceros horn trade in Yemen*, 1997, Esmond Bradley Martin, Lucy Vigne, Crawford Allen. Reviewed by Kes Hillman Smith 28:110
- Rhino exploitation: the trade in rhino products in India, Indonesia, Malaysia, Burma, Japan and South Korea*, 1983, Esmond Bradley Martin. Reviewed by Robert Olivier 3:20
- Rhino ranching*, JG du Toit. Reviewed by PS Rogers 26:126–128
- Le rhinoceros: au nom de la corner*, 1998, Alain Zecchini. Reviewed by Kees Rookmaker 27:115–116
- Le rhinoceros dans l'art de la prehistoire a nos jours*, 1995, Pierre Millet. Reviewed by Kees Rookmaker

-
- 27:114
The rhinoceros in captivity: a list of 2439 rhinoceroses kept from Roman times to 1994, LC Rookmaaker.
Reviewed by Lucy Vigne 27:113–114
Rhinos as game animals: proceedings of a symposium on rhinos as game ranch animals, J van Heerden, BH
Penzhor, eds. Reviewed by Taye Taferi 26:126
Run rhino run, 1982, Esmond and Chrysee Bradley Martin. Reviewed by Robert Malpas 1:15
Studying elephants, Kadzo Kangwana, ed. Reviewed by Ruth Chungu 22:96

Letters to the editor list (in chronological order)

- Why do elephants destroy woodland? Comment 1 by Keith Lindsay, Comment 2 by Robert Olivier 4:20
Elephants and woodland—a reply, by RHV Bell 5:17–18
Elephants and woodland—what are the issues? by Keith Lindsay 7:16–17
Elephants and woodland—comment by R duToit 7:17
Elephant taxonomy by Colin P. Groves and Peter Grubb 7:18
Reference to Lindsay’s criticism on article on Botswana’s problem elephants by CA spinage 17:8
Response to Spinage’s letter by WK Lindsay 17:8–9
African elephants and Eorpean rabbits:a spurious correltation, by Dr Clive Spinage 21:12
On bibliographies and unpublished reports, by Dr Kees Rookmaaker 27:117
On community development projects in Nepal, by Dr MK Ranjitsinh 27:117
Comments on Sumatran rhino photo, by Anwaruddin Choudhury 30:16
Reply to comments on photo, by Nico J van Strien 30:16