Oryx Subject Index 41 2007

abundance index, rangeland management impact on mammalian carnivore communities 70-77 Acanthisitta chloris (rifleman), reintroduction to Ulva Island, New Zealand 369-374 Acinonyx jubatus (cheetah), carnivore reintroduction to Eastern Cape, South Africa 205-213 erratum 413 activity patterns, ocelot in Belize: impact of trap spacing and distance moved in density estimates 469-477 Africa carbon trading hindered by EU 125 conservation 119-120 forest reserve potential for augmenting protected area network 151 vulture sanctuary 126 Agave cultivation for tequila 423 aircraft, robotic 418 airport development, threats to swallows 125 Alaska coastal area protection 128 wetlands reprieve 10 albatross tracking 130 waved 129 white-capped 426 alcohol production, waste dumping in river 422 algal blooms, modelling 423 alien plant invasions kudzu in southern USA 423 managing in Kruger National Park 160-165 alpine plants, flowering time with climate change 9-10 Amazon climate impact of soybean 285 fragmentation 425 giant otter use of hydroelectric lakes 520-524 Guyana shield for rainforest protection 129 reserve deforestation in Brazil 10 Amazona tucumana (Tucumán parrot), decline in Argentina 101-104 amphibians chytridiomycosis seasonal changes 277 decline with leaf litter thinning 284 freedom from disease on Montserrat 398-400 Andes, bird species diversity in Colombia 57-62 Angola, nesting and at-sea distribution of marine turtles 224-230

Antarctic, Larsen ice shelf collapse 285-286 antelope saiga international framework 124 Mongolian 9 new nature reserve in Kazakhstan 280 Tibetan comeback in China and Tibet 127 Qinghai–Tibet railway (China) effect on migration 352-357 Aquila adalberti (Spanish imperial eagle), causes and spatio-temporal variations of mortality during recovery period 495-502 Arabian conservation workshops 132 - 133Arabian Gulf, beach feature influence on nesting of hawksbill turtle 402-404 Aral Sea, World Bank loan 279-280 Arctic Ocean, salt content decline 3 Arecaceae, conservation status of West Indian 300-304 Argentina anchovy fisheries 129 Tucumán parrot decline 101-104 armed conflict, impact on protected area conservation in sub-Saharan Africa 140-147 Australia cane toad spread 286 drought impact on snakes 12 government funding for coastal environment 426 grey shark protection 12 tree kangaroo conservation in Papua New Guinea 15-16 avian influenza, migratory birds as victims 278 Azerbaijan, ecotourism plans 124 babbler 122 Asian 8 Balbina lake (Brazil), giant otter use of hydroelectric lakes in Amazon 520-524 Bangladesh, tiger habitat preferences in Sundarbans East Wildlife Sanctuary and management recommendations 463-468 bat(s) attracted to fake fruits for forest regeneration 284 distribution, status and conservation in Fiji Islands 509-519

endemic Madagascar flying fox in fragmented landscape 263–269

Kalimantan, Borneo 390-392 sucker-footed: new species in Madagascar 124 wind turbines impact 424 Batrachochytrium dendrobatidis amphibian disease, seasonal changes 277 mountain chicken and sympatric amphibians freedom from disease on Montserrat 398-400 beaches influence of features on nesting of hawksbill turtle in Arabian Gulf 402-404 rubbish from clean-up 417 bear products, detection kit 419 bees decline of bumble bees and cuckoo bees in Western and Central Europe 79-86 disappearance with colony collapse disorder 283 foraging bumble bees 5 foreign import threats to native species 5 Belize community conservation, practitioners' answers to critics 376-383 ocelot: impact of trap spacing and distance moved on density estimates 469-477 Benguela Current, sea bird deaths due to long-lining 421 biodiversity conservation reconciliation with development 136 livelihoods initiatives impact measurement 428-429 marine restoration 122 top predator preservation 121 UK overseas territories 5 biological control, alien plant invasion management in Kruger National Park 160-165 bird migration bar-tailed godwit non-stop flight 278 cinereous vulture 282 road bridge between Germany and Denmark impact 123 sooty shearwater 3-4 turtle dove shooting in Cyprus 420 birds avian influenza victims 278 Azerbaijan ecotourism plans 124 common species as surrogate in conservation of rare species in Taita Hills, Kenya 239-245 decline

intensive hunting of flying fox in

© 2007 FFI, Oryx, 41(4), 557-566 doi:10.1017/S0030605307041464 Printed in the United Kingdom

in Europe on farmland 419 in United States 424 fear of cats 419-420 flight: RoboSwift robotic aircraft 418 Irag 124 Kenyan Important Bird Areas 125 male-biased sex ratios 418 mitigation measures for Pacific seabirds 130 offsetting bycatch deaths 417 scavenging, painkiller effects 122 shorebird habitats 129-130 species diversity in Andes of Colombia 57-62 starvation in South Korea 422 US Navy airfield threat 284 waterbird population decline 4 see also sea birds; wild bird trade bison, American prairies 9 Bolivia, ecotourism 130 bonobos cooperation 280 great apes in Lake Tumba landscape (Democratic Republic of Congo) 532-538 Borneo bay cat geographic distribution and conservation status 394-397 clouded leopard new species 282 fires kill orang-utans 127 intensive hunting of large flying foxes Pteropus vampyrus natunae 390-392 rats in rainforest 126 rhino behaviour 281 Botswana, community based natural resource management implementation 306-312 BP Conservation Programme 287 Brachylophus vitiensis (Fijian crested iguana), decline in western Fiji 44–49 Brahmaputra river, seismic survey 127 Brazil Amazonian reserve deforestation 10 Caatinga woodpecker 129 dust fertilizing rainforest 126 eco-friendly scheme to protect tetra fish fishermen's livelihood 285 Environment Minister 424 giant otter use of hydroelectric lakes in Amazon 520-524 internet access for tribes 285 new snapper species 285 reforestation by ranchers 11 scientist jail term 425 soy farmer moratorium on forest clearance 10 speed restrictions for protection of tapirs 11 Brigus latro (coconut crab), post-tsunami sighting in Nicobar Islands 287-288 Budongo Forest Reserve (Uganda), failure of community-based human-wildlife conflict mitigation project 177-183

bumble bees decline in Western and Central Europe 79-86 foraging 5 foreign import threats to native species 5 Burkino Fasa, raptor decline in West Africa 322-329 bushmeat intensive hunting of flying fox in Kalimantan, Borneo 390-392 managers' perceptions of threats to protected areas in Kenya 314-320 markets in West 7 bush-shrike, Uluguru in new area 280 butterflies database online 283 ranching, trends in formal sector of insect trading in Papua New Guinea 386-388 Cambodia slender-billed vulture nests 281 snake harvesting 422 white-shouldered ibis 127 Cambridge University, Conservation professorships 288 camera traps ocelot in Belize: impact of trap spacing and distance moved on density estimates 469-477 rangeland management impact on mammalian carnivore communities 70 - 77tigers in Huai Kha Khaeng Wildlife Sanctuary (Thailand) 447-453 camera-trapping, nocturnal arboreal mammals 418 Cameroon, large mammal surveys in priority setting for conservation 255-261 Canary Islands, cloud-catching for new forests 6 captive breeding Arabian oryx reintroduction in Jordan 478-487 genetic evidence for released brown hare survival during restocking in Greece 548-551 capture-recapture sampling, photographic of tigers in Huai Kha Khaeng Wildlife Sanctuary (Thailand) 447-453 carbon dioxide, removal from atmosphere 121 carbon trading, African hindered by EU 125 Caretta caretta (loggerhead turtle) 128 assessment of fishery in Grenada 330-335 nesting and at-sea distribution in Angola 224-230 carnivores, reintroduction to Eastern Cape, South Africa 205-213

erratum 413 carrying capacity, habitat change in reduction of Hluhluwe-Umfolozi Park, South Africa for black rhinoceros 247-254 cat(s) bay: geographic distribution and conservation status in Borneo 394-397 birds' fear 419-420 Cat Tien National Park (Vietnam), turtle conservation 544-547 Catalogue of Life, one million species 278 Catopuma badia (bay cat), geographic distribution and conservation status in Borneo 394-397 cedar, Mount Mulanje: plight in Malawi Cervus elaphus corsicanus (Corsican red deer), extirpation and reintroduction 488-494 cetaceans, bycatch 127 Chad, wildlife ranger deaths 421 Changbaishan Reserve (China), ecological resilience model 16-18 cheetah, carnivore reintroduction to Eastern Cape, South Africa 205-213 erratum 413 Chelonia mydas (green turtle) 224-230 assessment of fishery in Grenada 330-335 importance of north-west Madagascar for conservation 232-237 chemical control, alien plant invasion management in Kruger National Park 160-165 Chile, salmon farming 425 chimpanzee great apes in Lake Tumba landscape (Democratic Republic of Congo) 532-538 road crossing 7 China chiru comeback 127 crested ibis conservation 282 ecological resilience model of Changbaishan Reserve 16-18 François' langur decline 38-43 Magnoliaceae 427–428 paddies in mitigation of greenhouse gas emissions 8-9 Qinghai-Tibet railway effect on migration of Tibetan antelope 352-357 sewage in coastal waters 422-423 Siberian tigers 423 tiger farming 9 chiru comeback in China and Tibet 127 Qinghai-Tibet railway (China) effect on migration 352-357

Chobe National Park (Botswana), community based natural resource management implementation 306-312 chytridiomycosis amphibian, seasonal changes 277 mountain chicken and sympatric amphibians freedom from disease on Montserrat 398-400 CITES grey parrot trade ban 125 sawfish trade ban 419 shark trade restrictions 419 slow loris trade ban 419 tiger part proposed trade rejected 419 climate change alpine flowering plants 9-10 changes to report 277 impacts on marine mammals 19-25 management 417 marine 1-2 threat to climates 277 UK intertidal marine species 123 see also global warming cloud-catching, new forests in Canary Islands 6 coastal environment Australian government funding 426 sewage in Chinese waters 422-423 coastal forests of East Africa, website 288 cockle fishing, mudflat damage 4 cod, quota cutting by EU 278 coffee, cerulean warbler protection 11 Colombia bird species diversity in Andes 57-62 puffleg hummingbird 424-425 Columbidae, geographical patterns of threat 289-297 community based conservation natural resource management implementation 306-312 practitioners' answers to critics 376-383 Congo basin, Sangha Tri-National forest complex 281 Conservation Leadership Programme 287 coral reefs crown-of-thorns starfish infests Philippine reefs 282 pink sea fan spawning 279 reef shark protection 130 restoration 3 survival guides 122 corals mass death from earthquake 422 used in jewellery: protection 419 Corcovado National Park (Costa Rica), critical condition of jaguar population 51-55 Corsican red deer extirpation and reintroduction 488-494 corvids, impact of West Nile virus 423 Costa Rica, critical condition of jaguar population 51-55

crab, coconut and robber: post-tsunami sighting in Nicobar Islands 287-288 crane, whooping 283-284 crime syndicates, Asian in illegal ivory trade 417 Crocuta crocuta (hyaena), carnivore reintroduction to Eastern Cape, South Africa 205-213 erratum 413 cuckoo, Sumatran ground 13 cuckoo bees, decline in Western and Central Europe 79-86 cuckooshrike, breeding success 7-8 Cyprus, turtle dove shooting 420 dama gazelle survival in south Tamesna, Mali 109-111 deep sea ecosystems, global warming 3 deer, Corsican red: extirpation and reintroduction in Corsica 488-494 deforestation Amazonian reserve in Brazil 10 forest clearance and fragmentation in Liberia 1986-2000 539-543 land cover in Myanmar 27-35 reforestation by ranchers in Brazil 11 soy farmer moratorium in Brazil 10 Democratic Republic of Congo great apes in Lake Tumba landscape 532-538 hippo extinction 125 mountain gorilla killings 7 new species 421 poacher detection 125 wildlife ranger deaths 421 density dispersal importance for expansion of population of Eurasian lynx in fragmented landscape 358-367 ocelot in Belize: impact of trap spacing and distance moved 469-477 Dermochelys coriacea (leatherback turtle) 224-230 developed countries plant blindness 4 water shortages 4 development biodiversity conservation reconciliation 136 Grenada: national parks and protected areas threat 424 Diceros bicornis (black rhinoceros), habitat change in reduction of carrying capacity of Hluhluwe-Umfolozi Park, South Africa 247-254 diclofenac, replacement in Nepal 8 dispersal, importance for expansion of Eurasian lynx population in fragmented landscape 358-367 dispersal area loss: managers' perceptions of threats to protected areas in Kenya 314-320 distilling, waste dumping in river 422 DNA, genetic barcoding project 121

dog, African wild carnivore reintroduction to Eastern Cape, South Africa 205-213 erratum 413 rates and causes of mortality 215-222 dolphin bottlenose 279 climate change impacts on marine mammals 19-25 Irrawaddy 8 Yangtze River 128 dove geographical patterns of threat 289-297 Grenada habitat destruction 129 national parks and protected areas development threat 424 Socorro 10 turtle 420 dragon, Komodo: parthenogenesis 123 drought, Murray-Darling basin 286 Dubai, environmental damage from artificial islands 124 dugong, Okinawa 423 eagle, Spanish imperial: causes and spatio-temporal variations of mortality during recovery period 495-502 Earth Portal website 433 earthquake coral mass death 422 restoration of damage in Pakistan 8 earth's resources, human utilization 417 Ebola transmission in gorillas 7 ecotourism Azerbaijan plans 124 Bolivia 130 edge effects, human disturbance affecting habitat use and behaviour of Asiatic leopard in Kaeng Krachen National Park, Thailand 343-350 electrocution, causes and spatiotemporal variations of Spanish imperial eagle mortality during recovery period 495-502 'elepaio nest in Hawai'i 9 elephants, conservation and conflict mitigation 137-138 endemic species, bat distribution, status and conservation in Fiji 509-519 Eretmochelys imbricata (hawksbill turtle) assessment of fishery in Grenada 330-335 beach feature influence on nesting in Arabian Gulf 402-404 importance of north-west Madagascar for conservation 232-237 EU African carbon trading 125 cod quota cutting 278 fish quota for 2007 122 law on double hulled tankers 279

wild bird trade ban 4-5 Europe decline of bumble bees and cuckoo bees 79-86 fund for threatened species and habitats 278-279 extinctions Balkan lynx risk 123 Corsican red deer 488-494 local, rangeland management impact on mammalian carnivore communities 70-77 rarity 121 Socorro dove 10 West African black rhinoceros 6 Yangtze River dolphin 128 farm animal diversity threat 417 Fiji bat distribution, status and conservation 509-519 decline of Fijian crested iguana 44-49 threatened palms 432-433 fire Mount Mulanje cedar plight in Malawi 64-69 orang-utans killed 127 fish heavy metals affecting senses 277 migratory stocks 277 oestrogen exposure 424 stocks monitoring using penguins 286 fisheries anchovy 129 assessment of marine turtle in Grenada 330-335 biodiversity restoration 122 bluefin tuna 5 closure for biodiversity restoration 122 dolphin-friendly 8 EU quota for 2007 122 grouper decline 278 migratory fish stocks 277 mitigation measures for Pacific seabirds 130 New Zealand rules on long-lining 286 offsetting sea bird bycatch deaths 417 regulation blocking 130 sea bird deaths due to long-lining 421 South Georgia long-line fishery certification 12 water hyacinth encroachment in Lake Victoria 280 fishing gear, removal from Cape Cod 283 flamingo deaths in Africa 124 lesser 421 flying fox endemic Madagascar in fragmented landscape 263-269 intensive hunting in Kalimantan, Borneo 390-392

forest

clearance and fragmentation in Liberia 1986-2000 539-543 coastal of East Africa 288 degradation: decline of Fijian crested iguana 44-49 fire killing orang-utans 127 global warming slowing 418 large mammal surveys in priority setting for conservation in southwest Cameroon 255-261 regeneration: bats attracted to fake fruits 284 village forest set aside for sustainable harvesting 132 see also deforestation; rainforest; tropical forest forest dwellers, rights in India 16 forest fragmentation Amazon 425 change rate 129 and clearance in Liberia 1986-2000 539-543 common bird species as surrogate in conservation of rare species in Taita Hills, Kenya 239-245 endemic Madagascar flying fox 263-269 forest reserves, potential for augmenting protected area network in Africa 151 forestry, cloud-catching in Canary Islands 6 founding stock, sex ratios in reintroduction of griffon vulture 503-508 fragmented landscape, dispersal importance for expansion of Eurasian lynx population 358-367 frankincense, tree tapping 125-126 French Polynesia, geographical patterns of threat among Columbidae 289-297

Galapagos giant tortoise mortality (1995-2004) 337-341 tortoise repopulation of Pinta island 11 tourism problems 285 Gazella dama (dama gazelle), survival in south Tamesna, Mali 109-111 genetic barcoding project 121 genetic diversity, farm animal threats 417 global warming Arctic Ocean salt content decline 3 benefits to swallows 125 deep sea ecosystems 3 Great Lakes (North America) water level 424 plankton distribution change 5 slowing by not destroying tropical forest 418 tree planting at higher latitudes 122 see also climate change godwit, bar-tailed 278

gorillas armed conflict impact on conservation in sub-Saharan Africa 140-147 Ebola transmission 7 mountain increase in numbers 281 killings in Congo 7 western 14 grassland, climate impact 285 great apes, Lake Tumba (Democratic Republic of Congo) 532-538 Great Lakes (North America), water level drop 424 Greece, genetic evidence for released brown hare survival during restocking 548-551 greenhouse gas emissions, paddies in mitigation 8-9 Grenada assessment of marine turtle fishery 330-335 national parks and protected areas development threat 424 ground-cuckoo, Sumatran 281 groupers, decline 278 Guangxi Province (China), decline of François' langur 38-43 guillemots, starving in Scotland and N. Ireland 5 Guyana shield, Amazonian rainforest protection 129 Gyps fulvus (griffon vulture), sex ratios in reintroduction 503-508 habitats degradation: Barbary macaque survey in Djebela region of Morocco 106 - 108fragmentation: common bird species as surrogate in conservation of rare species in Taita Hills, Kenya 239-245 quality change in reduction of carrying capacity of Hluhluwe-Umfolozi Park, South Africa for black rhinoceros 247-254 hare, brown: genetic evidence for survival during restocking in Greece 548-551 Hawai'i blackout for birds 9 'elepaio nest 9 marine reserve threat 128 heavy metals, affecting fish senses 277 hihi, translocation to New Zealand mainland 130 hippos, extinction in Congo 125 Hluhluwe-Umfolozi Park (South Africa), habitat change in reduction of carrying capacity for black rhinoceros 247-254

hog, pygmy, release into wild 126 Hoh-xil National Nature Reserve (China), Qinghai–Tibet railway effect

© 2007 FFI, Oryx, 41(4), 557–566

on migration of Tibetan antelope 352-357 home range, habitat change in reduction of carrying capacity of Hluhluwe-Umfolozi Park, South Africa for black rhinoceros 247-254 honeybees, disappearance with colony collapse disorder 283 Honglaxueshan National Nature Reserve (Tibet), black-and-white snubnosed monkey distribution, status and conservation 525-531 hornbill, wreathed 422 Huai Kha Khaeng Wildlife Sanctuary (Thailand), tigers: photographic capture-recapture sampling 447-453 huemel, killing in captive breeding centre 10-11 human disturbance, habitat use and behaviour of Asiatic leopard in Kaeng Krachen National Park, Thailand 343-350 human encroachment, managers' perceptions of threats to protected areas in Kenya 314-320 human utilization of earth's resources 417 human-wildlife conflict community-based mitigation project, failure in Uganda 177-183 determinants of attitudes towards predators in Kenya 185-193 elephants: mitigation and elephant conservation 137-138 managers' perceptions of threats to protected areas in Kenya 314-320 rates and causes of mortality in African wild dogs 215-222 hummingbird, puffleg 424-425 hunting indigenous 425 intensive of flying fox in Kalimantan, Borneo 390-392 sustainable in Spain 431-432 hyaena carnivore reintroduction to Eastern Cape, South Africa 205-213 erratum 413 clash with resettled herdsmen 421 ibis

1019

crested 282 white-shouldered 127 ice shelf collapse, Antarctic 285–286 icebergs, marine life 426 Iceland, whaling resumption 123 iguana blue: recovery programme 10 Fijian crested: decline in western Fiji 44–49 smuggling 425 Important Bird Areas (IBAs) Azerbaijan ecotourism plans 124 Grenada dove habitat destruction 129

© 2007 FFI, Oryx, 41(4), 557-566

Kenya 125 Malaysian book 281 India Asiatic lion reintroduction 93-95 forest dwellers' rights 16 new Asian babbler species 8 tiger farming 9 tiger population 422 white-backed vulture chick hatching 127 Indonesia geographical patterns of threat among Columbidae 289-297 intensive hunting of large flying foxes Pteropus vampyrus natunae 390–392 logging law to protect Sumatran rainforest 282 Sumatran ground-cuckoo 281 infectious disease, rates and causes of mortality in African wild dogs 215-222 insect collecting, trends in formal sector of insect trading Papua New Guinea 386-388 insecticides, otter population recovery 420 integrated conservation and development projects (ICDP), practitioners' answers to critics 376-383 International Panel on Climate Change, changes to report 277 International Whaling Commission (IWC) boycotting of special meeting 277-278 UK anti-whaling recruiting 4 internet access, free for Brazilian tribes 285 Iraq birds 124 marsh recovery 6 islands artificial: environmental damage in Dubai 124 model for prioritization of vertebrate eradication 417 Israel, Basra reed warbler 421 Issykku, Lake (Kyrgyzstan), water level 5-6 ivory trade, illegal: Asian crime syndicates 417 jaguar, critical condition of population in Costa Rica 51-55 Japan crested ibis conservation 282 Okinawa dugong 423

whaling 417 Jordan, Arabian oryx reintroduction 478–487

Kaeng Krachen National Park (Thailand), human disturbance

affecting habitat use and behaviour of Asiatic leopard 343-350 Kalimantan (Borneo), intensive hunting of large flying foxes Pteropus vampyrus natunae 390-392 kangaroo, tree: conservation in Papua New Guinea 15-16 Kashmir, insurgency impact on wildlife 127 Kazakhstan joining Ramsar Convention 124 new nature reserve 280 Kenya common bird species as surrogate in conservation of rare species in Taita Hills 239-245 Important Bird Areas 125 managers' perceptions of threats to protected areas 314-320 plant conservation priority in Shimba Hills 432 wildlife ranger deaths 421 Kerinci Seblat National Park (Sumatra), ground cuckoo record 13 kestrel, lesser: raptor super-roost in Senegal 280 keystone species: bat distribution, status and conservation in Fiji 509-519 kite, African swallow-tail 280 kittiwake, plastics use in nests 420 knots, decline due to damaged mudflats 4 Komodo dragon, parthenogenesis 123 Kruger National Park (South Africa), alien plant invasion management 160 - 165kudzu, invasion in southern USA 423 Kuno Wildlife Sanctuary (Madya Pradesh, India), Asiatic lion reintroduction 93-95 KwaZulu-Natal (South Africa), restoring lions to 196-203 Kyrgyzstan, lake water level rise 5-6 lakes giant otter use of hydroelectric lakes in Amazon 520-524 water level drop in Great Lakes (North America) 424 rise in Kyrgyzstan 5-6 land cover classification in Northern Forest Complex (Myanmar) 27-35 langur, François' 38-43 large mammals, surveys in priority setting for conservation in south-west Cameroon 255-261 leaf litter, reptile and amphibian decline 284 Lebanon conservation aid 6 oil slick from Israeli bombing 6 leopard

Asiatic: human disturbance affecting habitat use and behaviour in Kaeng Krachen National Park, Thailand 343 - 350carnivore reintroduction to Eastern Cape, South Africa 205-213 erratum 413 clash with resettled herdsmen 421 clouded 282 snow recovery in Sagarmatha (Mount Everest) National Park, Nepal 89_91 tagging 126 Leopardus pardalis (ocelot) in Belize: impact of trap spacing and distance moved on density estimates 469-477 Lepidochelys olivacea (olive ridley turtle) 224-230 Leptodactylus fallax (mountain chicken) and sympatric amphibians freedom from disease on Montserrat 398-400 Lepus europaeus (brown hare), genetic evidence for survival during restocking in Greece 548-551 Liberia, fragmentation and clearance of forests 1986-2000 539-543 limestone karst, quarrying in South-east Asia 8 lion(s) Asiatic: reintroduction in Madhya Pradesh, India 93-95 carnivore reintroduction to Eastern Cape, South Africa 205-213 erratum 413 clash with resettled herdsmen 421 restoring to KwaZulu-Natal 196-203 livelihoods initiatives, impact measurement 428-429 livestock ranching, tolerance increase to predators in livestock dominated landscapes in Kenya 185-193 lizards, new Brazilian species 10 logging illegal: Mount Mulanje cedar plight in Malawi 64-69 Indonesian law to protect Sumatran rainforest 282 large mammal surveys in priority setting for conservation in southwest Cameroon 255-261 long-lining New Zealand rules 286 sea bird deaths 421 South Georgia fishery certification 12 Lower Choper Nature Park (Russia) 133-134 lungfish, threats from dam projects 12 Lycaon pictus (African wild dog) carnivore reintroduction to Eastern Cape, South Africa 205-213 erratum 413 rates and causes of mortality 215-222 lynx

Balkan: extinction risk 123 Eurasian: dispersal importance for expansion of population in fragmented landscape 358-367 Lynx lynx (Eurasian lynx), dispersal importance for expansion of population in fragmented landscape 358-367 Macaca sylvanus (Barbary macaque), survey in Djebela region of northern Morocco 106-108 Madagascar

endemic Madagascar flying fox in fragmented landscape 263-269 Madagascar pochard rediscovered 124 marine turtle conservation 232-237 new species of sucker-footed bat 124 priority area identification for plant conservation using Red List criteria 168 - 175shrew tenrec new species 7 wetlands protection 7 Magnoliaceae, Chinese 427-428 Majete Wildlife Reserve (Malawi), elephants return 14-15 Malawi elephants return 14-15 Mount Mulanje cedar plight 64-69 Malaysia Important Bird Areas (IBAs) book 281 tiger conservation status at priority

sites 455-462 wreathed hornbill 422

Mali, dama gazelle survival in south Tamesna 109–111

Malta, spring hunting season 279 Mamanuca Archipelago (Fiji), decline of Fijian crested iguana 44-49

mammals carnivore rangeland management in Namibia 70-77 nocturnal arboreal and cameratrapping 418 surveys in priority setting for large mammal conservation in southwest Cameroon 255-261 mangroves survival guides 122 tiger attacks, dogs protecting humans 126 marine climate change 1-2 UK intertidal species 123 marine conservation, new classification 419 marine life census 122-123

icebergs harbouring 426 marine mammals

climate change impacts 19-25 road bridge between Germany and Denmark impact 123 marine reserves biodiversity restoration 122

threatened in Hawaii 128 mechanical control, alien plant invasion management in Kruger National Park 160-165 medicinal plants, standard for trade 278 meloxicam, replacement of diclofenac in Nepal 8 Mesopotamian marshes, recovery 6 methane, production by trees 3 migration corridor loss: managers' perceptions of threats to protected areas in Kenva 314–320 Qinghai-Tibet railway (China) effect on Tibetan antelope 352-357 see also bird migration Millennium Seed Bank, billionth seed 278 mining anti-mining demonstrations in Peru 425 limestone karst quarrying in Southeast Asia 8 mitochondrial DNA, genetic evidence for brown hare survival during restocking in Greece 548-551 monkey, black-and-white snub-nosed: distribution, status and conservation in Tibet 525-531 montane forest, Tucumán parrot decline in Argentina 101-104 Montserrat, mountain chicken and sympatric amphibians freedom from disease 398-400 Morocco, Barbary macaque survey in Djebela region 106-108 moth caterpillar, identification of Fred the Thread 11 mountain chicken and sympatric amphibians freedom from disease on Montserrat 398-400 Murray-Darling basin, drought 286 mussels, freshwater: Prozac effects 128 Myanmar dolphin-friendly fisheries 8 land cover in Northern Forest Complex 27-35 Namibia, rangeland management impact on mammalian carnivore communities 70-77 national parks development threat on Grenada 424 first for Timor-Leste 422 Natron, Lake (Tanzania), lesser flamingo threat 421 natural resource management, community based: implementation in Zambia and Botswana 306-312 nature reserves, Tanzania 429-430 NatureFiji-MareqetiViti, threatened palms 432-433

Nepal

conservationists' deaths in helicopter crash 8 diclofenac replacement 8 rhino numbers 126-127 snow leopard recovery 89-91 nest predation, parrots 284 nesting site, beach feature influence on hawksbill turtle in Arabian Gulf 402-404 New Zealand fairy terns 426 identification of Fred the Thread caterpillar 11 reintroduction of rifleman to Ulva Island 369-374 river protection 11-12 rules on long-lining 286 Nicaragua, wild bird trade 284 Nicobar Islands, post-tsunami sighting of coconut crab 287-288 Nigeria, large mammal surveys in priority setting for conservation 255-261 nomads, land use 121 Northern Forest Complex (Myanmar), land cover 27-35 Norway, whale meat consumption 5 nuthatch, red-breasted 283

oceans

cooling 3 energy loss 3 ocelot in Belize: impact of trap spacing and distance moved on density estimates 469-477 oestrogens, fish exposure 424 oil slick, Lebanon coast from Israeli bombing 6 oil tankers, EU law on double hulled 279 orang-utans, killed by fire 127 oryx conservation and reintroduction strategies 420-421 reintroduction in Jordan 478-487 sanctuary removal from UNESCO list 420 Oryx leucoryx (Arabian oryx), reintroduction in Jordan 478-487 otters giant: use of hydroelectric lakes in Amazonia 520-524 population recovery 420 owlet, long-whiskered 285 paddies, mitigation of greenhouse gas emissions 8-9 painkillers, scavenging bird effects 122 Pakistan, restoration of earthquake

damage 8 palms conservation status of West Indian 300–304

threatened in Fiji 432-433

© 2007 FFI, Oryx, 41(4), 557-566

Pan paniscus (bonobo), great apes in Lake Tumba landscape (Democratic Republic of Congo) 532-538 Pan troglodytes (chimpanzee), great apes in Lake Tumba landscape (Democratic Republic of Congo) 532-538 Pandanaceae, priority area identification for plant conservation in Madagascar using Red List criteria 168-175 Pantholops hodgsonii (Tibetan antelope), Qinghai-Tibet railway (China) effect on migration 352-357 Panthera leo (lion) carnivore reintroduction to Eastern Cape, South Africa 205-213 erratum 413 restoring to KwaZulu-Natal 196-203 Panthera leo persica (Asiatic lion), reintroduction in Madhya Pradesh, India 93–95 Panthera onca (jaguar), critical condition of population in Costa Rica 51-55 Panthera pardus (leopard) carnivore reintroduction to Eastern Cape, South Africa 205-213 erratum 413 human disturbance affecting habitat use and behaviour in Kaeng Krachen National Park, Thailand 343-350 Panthera tigris (tiger) conservation status at priority sites in Malavsia 455-462 habitat preferences in Sundarbans East Wildlife Sanctuary, Bangladesh and management recommendations 463-468 in Huai Kha Khaeng Wildlife Sanctuary (Thailand) 447-453 Papua New Guinea tree kangaroo conservation 15-16 trends in formal sector of insect trading 386-388 parrot(s) grey 125 nest predation 284 Pacific 11 Tucumán 101-104 wild bird trade in Nicaragua 284 partnerships for tropical conservation 433-446 passerines, reintroduction to Ulva Island, New Zealand 369-374 pastoralism, productivity 121 penguins fibreglass houses on Dyer Island 6 fish stock monitoring 286 Magellanic 129 rockhopper population 130 yellow-eyed 286 Peru anti-mining demonstrations 425 indigenous hunting 425

tortoise in Singapore 97-100 petrel, Hawaiian 9 Philippines crown-of-thorns starfish infests coral reefs 282 geographical patterns of threat among Columbidae 289-297 humphead wrasse poaching 282 photographic capture-recapture sampling, tigers in Huai Kha Khaeng Wildlife Sanctuary (Thailand) 447-453 pigeons, geographical patterns of threat 289-297 pitta, fairy 423 plant blindness, industrialized nations 4 plant conservation, Shimba Hills (Kenya) 432 plastics biodegradable 418-419 kittiwake use in nests 420 poachers detection in Democratic Republic of Congo 125 shark habitat restoration fund from conviction 283 poaching giant tortoise mortality in Galapagos (1995-2004) 337-341 humphead wrasse in Philippines 282 managers' perceptions of threats to protected areas in Kenya 314-320 pochard, Madagascar 124 Pogonocichla stellata (white-starred robin), common bird species as surrogate in conservation of rare species in Taita Hills, Kenya 239-245 poisoning, causes and spatio-temporal variations of Spanish imperial eagle mortality during recovery period 495-502 Poland, Via Baltica go-ahead 279 polar bears, climate change impacts on marine mammals 19-25 pollinators, decline of bumble bees and cuckoo bees in Europe 79-86 population expansion, dispersal importance for Eurasian lynx population in fragmented landscape 358-367 porpoises climate change impacts on marine mammals 19-25 saving from extinction 128-129 warmer seas problems 279 predation decline of Fijian crested iguana 44-49 intraguild, rates and causes of mortality in African wild dogs 215-222 predators determinants of attitudes towards in Kenya 185-193 preservation benefits biodiversity 121

pet trade, illegal: freshwater turtle and

tolerance increase in livestock dominated landscapes in Kenya 185-193 prey, Asiatic lion reintroduction into Kuno Wildlife Sanctuary, India 93-95 primates, failure of community-based human-wildlife conflict mitigation project in Uganda 177-183 protected areas development threat on Grenada 424 human disturbance affecting habitat use and behaviour of Asiatic leopard in Kaeng Krachen National Park, Thailand 343-350 managers' perceptions of threats in Kenya 314-320 marine conservation new classification 419 network: forest reserve potential for augmentation in Africa 151 raptor decline in West Africa 322-329 Prozac effects on freshwater mussels 128 Pteronura brasiliensis (giant otter), use of hydroelectric lakes in Amazon 520-524 Pteropus rufus (flying fox), endemic Madagascar in fragmented landscape 263-269 Qinghai-Tibet railway (China), effect on migration of Tibetan antelope 352-357 Quaggy, River: restoration in Greenwich 123 quarrying, limestone karst in South-east Asia 8 rabies vaccination, Ethiopian wolf 6-7 rainforest fertilizing dust 126 Sumatran 282 Ramsar Convention, Kazakhstan joining 124 Ramsar sites, Uganda 8 ranavirus, mountain chicken and sympatric amphibians freedom from disease on Montserrat 398-400 Rangitata River (New Zealand), protection 11-12 Rapid Response Facility for World Heritage Sites 131 raptors, declines in West Africa 322-329 rarity common bird species as surrogate in conservation of rare species in Taita Hills, Kenya 239-245 extinctions 121 status value 121 rats, Bornean rainforest 126 Red List Index 417 priority area identification for plant conservation in Madagascar 168-175 reforestation, higher latitudes 122

reintroduction Arabian oryx in Jordan 478-487 Corsican red deer 488-494 rifleman to Ulva Island, New Zealand 369 - 374sex ratios in griffon vultures 503-508 reptiles, decline with leaf litter thinning 284Republic of Congo Ebola transmission in gorillas 7 reproduction by reintroduced western gorillas 14 Republic of Guinea, vulture sanctuary 126 restocking, genetic evidence for released brown hare survival in Greece 548-551 Rhabdophis tigrinus snake, toad toxins 128 rhino horn, price in Yemen 431 rhinoceros black habitat change in reduction of carrying capacity of Hluhluwe-Umfolozi Park, South Africa 247-254 West African: extinction 6 Borneo 281 Indian 126-127 Rhinopithecus bieti (black-and-white snub-nosed monkey), distribution, status and conservation in Tibet 525-531 rifleman, reintroduction to Ulva Island, New Zealand 369-374 road bridge, Germany to Denmark 123 road construction human disturbance affecting habitat use and behaviour of Asiatic leopard in Kaeng Krachen National Park, Thailand 343-350 Via Baltica 279, 420 road crossing chimpanzees 7 and Qinghai-Tibet railway (China) effect on migration of Tibetan antelope 352-357 robin, white-starred: common bird species as surrogate in conservation of rare species in Taita Hills, Kenya 239-245 RoboSwift robotic aircraft 418 rubbish beach clean-up 417 biodegradable plastics for ocean-going ships 418-419 Russia, Lower Choper Nature Park 133-134 Rwanda, Grauer's swamp warbler nest 280 Sagarmatha (Mount Everest) National

Sagarmatha (Mount Everest) National Park (Nepal), snow leopard recovery 89–91 Sahara, conservation 138-139 Sahel dama gazelle survival in south Tamesna, Mali 109-111 greening of desert 6 saiga international framework 124 Mongolian 9 new nature reserve Kazakhstan 280 salmon, sea lice transfer to juveniles 3 salmon farming, Chilean lakes 425 saltmarsh, recreation in Camel Estuary 5 sand eels, sea temperature impact 279 sandpiper, spoon-billed 122 Sangha Tri-National forest complex, Congo basin 281 savannah, raptor decline in West Africa 322-329 sawfish, trade restrictions 419 sea(s) deep sea ecosystems: global warming mapping of UK 279 sea birds deaths due to long-lining 421 nocturnal 9 offsetting deaths 417 Pacific: mitigation measures 130 sea fan, pink 279 sea lice, transfer to juvenile salmon 3 sea temperature impact on porpoises 279 male turtle birth effects 284 seals, climate change impacts on marine mammals 19-25 seed bank, billionth seed in Millennium Seed Bank 278 seed dispersal, hitching lifts on cars 417 - 418seismic survey, Brahmaputra river bed 127 Senegal aquatic warbler's winter home 280 raptor super-roost 280 sewage, Chinese coastal waters 422-423 sex ratios in reintroduction of griffon vulture 503-508 sharks grey 12 killing for fins 3 reef 130 removal impact on ecosystem 283 trade restrictions 419 shearwater Newell's 9 sootv 3-4 Shimba Hills (Kenya), plant conservation priority 432 shipping lanes, reconfiguration for whales 423 shorebirds, habitats 129-130 shrew tenrec, new species in Madagascar 7 Singapore

rubbish island 281 tortoise and freshwater turtle illegal pet trade 97-100 sister species, temperate zones 277 skiing, wildlife impact 277 slow loris, trade ban 419 smuggling, iguanas 425 snakes drought impact in Australia 12 harvesting in Cambodia 422 nest predation of parrots 284 snapper fish, new in Brazil 285 snaring rates and causes of mortality in African wild dogs 215-222 snow leopard recovery in Sagarmatha (Mount Everest) National Park, Nepal 89-91 tagging 126 social assessment, key to conservation success 135 social science, two cultures problem 275-276 soda plant, lesser flamingo threat 421 soil erosion rate 121 movement 121 South Africa alien plant invasion management in Kruger National Park 160-165 carnivore reintroduction to Eastern Cape 205-213 erratum 413 fibreglass houses for penguins on Dyer Island 6 habitat change in reduction of carrying capacity of Hluhluwe-Umfolozi Park for black rhinoceros 247-254 restoring lions to KwaZulu-Natal 196-203 South Georgia, long-line fishery certification 12 South Korea cetacean bycatch 127 migratory bird starvation 422 South Luangwa National Park (Zambia), community based natural resource management implementation 306-312 soybean, climate impact 285 Spain Spanish imperial eagle: causes and spatio-temporal variations of mortality during recovery period 495-502 sustainable hunting 431-432 species one million in Catalogue of Life 278 positive interactions 121-122 starfish, crown-of-thorns infests Philippine coral reefs 282 starlings, environment 277 stichbird, translocation to New Zealand mainland 130

stoats, brown teal population destruction 425-426 stork, marabou 126 storm-petrel, band-rumped 9 sturgeon, recovery in Hudson River 283 Sudan, wildlife survey 421 Sumatra ground cuckoo record 13 rainforest 282 release of captive-bred rhino 281 Sundarbans tiger attacks, dogs protecting humans 126 tiger habitat preferences in Bangladesh and management recommendations 463-468 swallows Durban airport development 125 global warming benefits 125 Taita Hills (Kenya), common bird species as surrogate in conservation of rare species 239-245 Tanzania nature reserves 429-430 village forest set aside for sustainable harvesting 132 tapirs, speed restrictions for protection 11 teal brown 425-426 Laysan, breeding success 9 temperate zones, species numbers 277 tequila, Agave cultivation 423 tern, fairy 426 tetra fish, eco-friendly scheme to protect fishermen's livelihood 285 Thailand human disturbance affecting habitat use and behaviour of Asiatic leopard in Kaeng Krachen National Park 343-350 tigers in Huai Kha Khaeng Wildlife Sanctuary: photographic capture-recapture sampling 447-453 thrush, Taita, common bird species as surrogate in conservation of rare species in Taita Hills, Kenya 239-245 Tibet black-and-white snub-nosed monkey distribution, status and conservation 525-531 chiru comeback 127 tigers conservation 13-14 conservation status at priority sites in Malaysia 455-462 dogs protecting humans 126 farming in China 9 habitat preferences in Sundarbans East Wildlife Sanctuary, Bangladesh and management recommendations 463-468

in Huai Kha Khaeng Wildlife Sanctuary (Thailand) 447-453 population in India 422 proposed trade rejected 419 Siberian 423 value of conservation 415-416 Tigers Forever 13-14 Timor-Leste, first National Park 422 titipounamu, reintroduction to Ulva Island, New Zealand 369-374 toad cane 286 toxins and snake predators 128 toothfish, Patagonian: South Georgia long-line fishery certification 12 tortoise and freshwater turtle illegal pet trade in Singapore 97-100 giant mortality in Galapagos (1995-2004) 337-341 Pinta island, Galapagos 285 repopulation of Pinta island, Galapagos 11 tourism Galapagos Islands 285 impact on yellow-eyed penguins 286 Trachypithecus francoisi (François' langur), decline in China 38-43 trade, illegal freshwater turtle and tortoise in Singapore 97-100 iguana smuggling 425 ivory: Asian crime syndicates 417 trade bans CITES for shark and sawfish 419 slow loris 419 surge in deaths prior to 418 trees methane production 3 planting at higher latitudes 122 in Sahel desert region 6 tapping of frankincense 125-126 unique Scottish whitebeam species 420 tropical conservation partnerships 433-446 tropical forest global warming slowing 418 land cover in Northern Forest Complex (Myanmar) 27-35 Tumba, Lake (Democratic Republic of Congo), great apes 532-538 Tumbesian region (South America), online availability of book 424 tuna bluefin 5 overfishing 4 Turdus helleri (Taita thrush), common bird species as surrogate in conservation of rare species in Taita Hills, Kenya 239-245 turtle

https://doi.org/10.1017/S0030605307041464 Published online by Cambridge University Press

© 2007 FFI, Oryx, 41(4), 557-566

conservation in Cat Tien National Park (Vietnam) 544-547 freshwater and tortoise illegal pet trade in Singapore 97-100 green assessment of fishery in Grenada 330-335 importance of north-west Madagascar for conservation 232-237 nesting and at-sea distribution in Angola 224-230 hawksbill assessment of fishery in Grenada 330-335 beach feature influence on nesting in Arabian Gulf 402-404 importance of north-west Madagascar for conservation 232 - 237leatherback nesting and at-sea distribution in Angola 224-230 loggerhead assessment of fishery in Grenada 330-335 decline in Florida 128 nesting and at-sea distribution in Angola 224-230 marine assessment of fishery in Grenada 330-335 nesting and at-sea distribution in Angola 224-230 north-west Madagascar importance for conservation 232-237 sea temperature decreases male births 284 olive ridley nesting and at-sea distribution in Angola 224-230 turtle doves, shooting in Cyprus 420 Uganda failure of community-based human-wildlife conflict mitigation project 177-183 herdsmen clash with predators 421

marabou stork killing 126 Ramsar sites 8 *Uncia uncia* (snow leopard), recovery in Sagarmatha (Mount Everest) National Park, Nepal 89–91 ungulates, Asiatic lion reintroduction into Kuno Wildlife Sanctuary, India 93–95

United Kingdom

marine features mapping 279 number of species at risk 420 United Nations, Millennium Development Goals 417 United States common birds decline 424 Mexico border wildlife problems 9 wolf conservation 284 US Navy, airfield threat to birds 284 vaguita, saving from extinction 128-129 vertebrate eradication, model for prioritization 417 Via Baltica construction halted 420 go-ahead by Polish government 279 Victoria, Lake: water hyacinth encroachment 280 Vietnam, turtle conservation in Cat Tien National Park 544-547 Village Forest Reserve, Kikole Village (Tanzania) 132 vulture griffon: sex ratios in reintroduction 503-508 migration 282 sanctuary in Republic of Guinea 126 slender-billed 281 supplementary feeding 282 white-backed 127 Waki River (Uganda), waste dumping 422 warbler

aquatic breeding habitat protection 123 winter home in Senegal 280 Basra reed 421 cerulean protection 11 US not listing as threatened 128 Grauer's swamp 280 warfare impact on protected area conservation in sub-Saharan Africa 140–147 water shortages, developed countries 4 waterbirds, population decline 4 West Indies, conservation status of palms 300–304

West Nile virus, corvid impact 423 wetlands

aquatic warbler breeding habitat protection 123

intensive hunting of flying fox in Kalimantan, Borneo 390-392 protection in Madagascar 7 reclamation in South Korea 422 reprieve in Alaska 10 shorebird habitats 129-130 whales bycatch 127 climate change impacts on marine mammals 19-25 Northern right 283 scat studies 122 shipping lane reconfiguration 423 whaling Japan 417 Norway 5 resumption by Iceland 123 UK anti-whaling recruiting 4 whitebeam, unique Scottish species 420 Widdringtonia whytei (Mount Mulanje cedar), plight in Malawi 64-69 wild bird trade EU ban 4-5 in Nicaragua 284 wildlife free information for developing world 433 legislation: large mammal surveys in priority setting for conservation in south-west Cameroon 255-261 USA-Mexico border 9 wildlife rangers, deaths 421 wind turbines, bat impact 424 wolf Ethiopian 6-7 grey 284 woodpecker Caatinga 129 ivory-billed 10 workshops, Arabian conservation 132-133 World Bank loan to help Aral Sea 279-280 World Heritage Sites, Rapid Response Facility 131 wrasse, humphead 282 Yasawa Archipelago (Fiji), decline of Fijian crested iguana 44-49

Yemen, rhino horn price 431

Zambia, community based natural resource management implementation 306–312