

## Appendix S2: Cases reviewed

Country	Protected Area	Restriction	C	B	M	p	O(u)	Category	Sources
Belize	Community Baboon Sanctuary Private Reserve	hunting protected species (howler monkeys)	2	0	0	v. high	1	A	1-4
Brazil	Bom Futuro National Forest	deforestation (agriculture / settlement) in PA	2	3	2	med	0	D	5
Brazil	Samuel Ecological Reserve	settlement in PA	2	4	1	v. high	1	B	6; 7
Brazil	Antônio Mujica Nava Ecological Reserve	deforestation (logging / settlement) in PA	2	0	2	low	1	A	6
Brazil	Taçadal State Biological Reserve	deforestation (logging / settlement) in PA	2	0	2	med	1	A	6
Brazil	Pacaás Novos National Park	deforestation (settlement/agriculture) in PA	3	3	2	med	0	E	5; 6
Brazil	Corumbiara State Park	deforestation (settlement/agriculture) in PA	3	3	2	low	0	E	5; 6
Brazil	Rio Ouro Preto State Biological Reserve	deforestation (settlement/agriculture) in PA	3	0	2	low	1	A	6
Cameroon	Waza National Park	grazing livestock inside PA	3	2	1	low	0	D	8-10
Cameroon	Kalamaloue National Park	extracting firewood in no-extraction zone	2	2	1	v. high	0	B	8
Cameroon	Lac Lobeke National Park	illegal hunting in village buffer zone	2	4	2	low	1	F	11; 12
Canada	polar bear, protected species	hunting beyond legal quota (polar bears)	2	4	2	high	1	G	13; 14
Canada	polar bear, protected species	hunting large animals (polar bears) without permit	2	4	2	med	1	F	13-15
Canada	Ruby Range wildlife management program	hunting beyond quota (Dall sheep)	1	3	0	med	0	F	16
Ken. Af. Rep.	Dzanga-Ndoki National Park	hunting large animals (gorillas, elephants)	3	4	1	low	0	C	17-19
Chile	MEABR fisheries mgmt program	harvesting bull kelp without permit	1	2	1	v. high	1	G	20
Chile	MEABR fisheries mgmt program	harvesting shellfish without permit	2	2	1	high	0	F	20
China	Wo Long (Sichuan) Nature Reserve	harvesting firewood in inhabited reserve under top-down management regime (pre2001)	2	4	0	low	0	E	21-25
Congo (DRC)	Garamba National Park	hunting large animals in PA	3	4	2	med	0	F	26-28
Congo (DRC)	Kahuzi-Biega National Park	hunting large animals (gorillas/elephants) in highland area of PA (pre-2000)	3	5	2	low	1	F	27; 29; 30
Congo (DRC)	Kahuzi-Biega National Park	hunting large animals (elephants/gorillas) in lowlands of PA (pre-2000)	4	4	2	v. low	0	F	27; 29; 30
Congo (DRC)	Salonga National Park	hunting large animals (elephants) in PA	3	4	2	v. low	0	E	30-32
Costa Rica	Corcovado National Park	hunting small animals (peccaries) in PA	2	3	2	v. high	0	B	33-36
Costa Rica	Corcovado National Park	deforestation (settlement / agriculture) in PA	1	4	1	v. high	1	B	37; 38
Costa Rica	Golfo Dulce Forest Reserve	hunting without permit or surpassing quota	3	2	2	v. low	0	C	33

Country	Protected Area	Restriction	C	B	M	p	O(u)	Category	Sources
Costa Rica	Braulio Carrillo National Park	deforestation (settlement / agriculture) in PA	1	4	1	v. high	1	B	39; 40
Ecuador	Cuyabeno Faunal Production Zone -- Zabalo	overharvesting of Atlantic River Turtle eggs	2	1	0	low	1	F	41
Ecuador	Cuyabeno Faunal Production Zone – P. Bolivar	zoning restrictions on hunting	2	3	1	v. low	1	F	42
Ecuador	Cuyabeno Faunal Production Zone – P. Bolivar	extracting timber from no-extraction zone	2	4	1	med	0	F	42
Ecuador	Cuyabeno Faunal Production Zone -- Zancudo	zoning restrictions on hunting	2	3	1	v. low	0	F	42
France	Cote Bleu (Couronne & Carry) Marine Park	fishing in no-take zone	1	2	2	v. high	1	B	43
Gabon	Ipassa Man and Biosphere Reserve	hunting large animals (large duiker) in PA	3	2	1	v. low	0	E	44
Greece	Zakynthos National Marine Park	settlement / development on beaches protected for sea turtles	2	5	3	v. high	0	B	45
Guatemala	Sierra de Lacandón National Park	deforestation (settlement / agriculture) in PA	3	4	0	v. high	0	B	46-48
Honduras	Celaque National Park	deforestation (agriculture) in core zone of PA	2	2	0	med	1	C	49; 50
India	Sariska Sanctuary	grazing livestock in no-extraction zone	3	1	2	v. high	0	E	51-53
India	Sariska Sanctuary	poisoning/trapping large animals (tigers)	3	5	2	high	0	B	53-55
India	Kumbhalgarh Sanctuary	extracting firewood/timber in PA	2	1	2	v. high	1	B	56
India	Tadoba National Park	extracting timber (teak/bamboo) in PA	2	2	1	v. high	1	B	57
India	Namdapha National Park	hunting large animals (sambar, guar) in PA	2	5	2	low	0	C	58
Indonesia	Gunung Palung National Park	small-scale logging in national park	3	4	1	high	0	B	59
Indonesia	Kerinci Seblat National Park	deforestation (logging / agriculture) in PA	3	4	2	low	0	D	60; 61
Indonesia	Bukit Barisan Selatan National Park	deforestation (agriculture) in PA	2	4	1	high	0	B	62; 63
Indonesia	Wakatobi Marine National Park	illegal coral mining	2	3	1	low	0	E	64
Indonesia	Wakatobi Marine National Park	fishing with illegal equipment (bomb/cyanide)	1	3	2	v. high	0	B	64; 65
Ireland	Dooley Peninsula Commonage	private development on communal grazing lands	1	4	3	v. high	1	G	66
Ireland	Dooley Peninsula Commonage	polluting communal grazing lands	1	1	2	high	0	G	66
Kenya	Tana River Primate National Reserve	clearing forest in PA (agriculture), 1976-1991	2	3	2	v. high	1	B	67-69
Kenya	Tana River Primate National Reserve	deforestation (sabotage) in PA, 1994-2000	3	3	0	med	0	C	68-70
Kenya	Kakamega Forest Reserve (FD)	timber extraction (other activities allowed)	3	2	1	med	0	C	71-73
Kenya	Kakamega National Forest (KWS)	timber extraction (other activities allowed)	2	3	1	v. high	1	B	71-73
Kenya	Malindi Marine National Park	fishing in no-take zone	2	3	2	v. high	1	B	74-76

Country	Protected Area	Restriction	C	B	M	p	O(u)	Category	Sources
Kenya	Malindi-Watamu Marine National Reserve	fishing with illegal gear (spear gunning)	3	2	1	med	0	C	75; 77; 78
Kenya	Diani Marine National Reserve	fishing in no-take zone	2	4	1	med	0	C	75; 76
Kenya	Diani Marine National Reserve	fishing with illegal gear (spear gunning)	2	2	1	med	0	C	77
Kenya	Mombasa Marine National Park	fishing in no-take zone	2	3	1	v. high	1	B	74-76
Kenya	Mombasa Marine National Reserve	fishing with illegal gear (spear gunning)	2	2	1	low	0	C	77
Kenya	Mombasa Marine National Reserve	fishing with illegal gear (seining)	2	3	2	v. high	0	B	77
Kenya	Kisite Marine National Park	fishing in no-take zone	2	2	1	v. high	1	B	79-81
Mexico	Calakmul National Biosphere Reserve	illegal land-clearing by small-holders in reserve	3	3	1	v. high	1	G	48; 82-85
Mexico	Calakmul National Biosphere Reserve	hunting medium animals (peccaries) in PA	3	3	1	v. low	1	F	48; 86; 87
Mexico	Calakmul National Biosphere Reserve	hunting large animals (tapirs) in PA	3	0	1	v. low	1	A	86; 87
Mexico	Ria Celestun Wildlife Refuge	shrimping in lagoon (banned)	3	2	1	v. high	0	E	88; 89
Mozambique	Gile Game Reserve	hunting medium animals (duikers) in reserve	3	2	1	v. low	0	C	90
Myanmar	Chatthin Wildlife Sanctuary	hunting large animals (deer, tiger, sambar, etc)	3	3	1	high	0	E	91-93
Namibia	Torra Conservancy programme	hunting large game without permit	2	2	2	v. high	1	G	94
Nepal	Chitwan National Park	collecting firewood in no-extraction zone	3	2	1	v. high	0	C	95; 96
Nepal	Chitwan Buffer zone	grazing where cattle not allowed	2	1	1	v. high	0	F	97
Nepal	Chitwan Buffer zone	harvesting firewood (activities restricted)	2	2	1	v. high	1	G	97; 98
Nepal	Tiger Rhino Conservation Area	cutting grass w/out permit in community forest	2	1	1	med	1	F	97
Nepal	Tiger Rhino Conservation Area	cutting trees in PA, top-down regime (pre-1994)	3	2	1	high	0	C	99; 100
Nepal	Annapurna Conservation Area	harvesting firewood in no-extraction zone	2	0	0	med	1	A	101
Nepal	Annapurna Conservation Area	hunting small animals in no-extraction zone	2	2	1	high	1	F	101
Nepal	Annapurna Conservation Area	hunting large animals (musk deer) in PA	2	2	2	v. high	0	G	101; 102
Nepal	Annapurna Conservation Area	grazing livestock in no-extraction zone	3	1	2	high	0	F	101; 102
Nepal	Koshi Tappu Wildlife Reserve	grazing cattle inside PA	3	2	2	v. high	0	B	103-105
Nepal	Koshi Tappu Wildlife Reserve	hunting large animals (buffalo), pre Maoist insurgency	3	3	2	v. high	1	B	104; 106
New Zealand	Tawharanui Marine Park	fishing lobster in to-take zone	1	2	2	v. high	1	B	107
New Zealand	Mimiwhangata Marine Park	fishing lobster with illegal equipment (nets)	2	2	2	low	0	E	107

Country	Protected Area	Restriction	C	B	M	p	O(u)	Category	Sources
Nicaragua	Bosawas Biosphere Reserve	settlement in reserve under top-down control	5	3	2	v. high	0	E	108; 109
Nicaragua	Bosawas Biosphere Reserve	settlement in reserve under indigenous tenure	2	5	2	v. high	1	G	108
Panama	Darién National Park	deforestation (settlement /agriculture) in PA	2	0	0	high	1	A	110
Panama	Darién National Park	logging in PA	3	3	3	low	0	C	111
Panama	Embera (Cemaco) Indigenous Reserve	deforestation (settlement / agriculture) in PA	1	3	2	v. high	1	G	112
Philippines	San Vicente Fishery management program	fishing with illegal gear (beach seining)	3	3	0	v. high	0	F	113
Philippines	San Vicente Fishery management program	fishing with illegal gear (compressors/cyanide)	1	3	0	high	1	G	113
Philippines	Puerto Princesa Subterranean River National Park	burning brush in buffer zone	2	2	1	v. high	1	B	114; 115
Philippines	Honda Bay Fishery management program	fishing with illegal gear (cyanide), near community	2	3	1	v. high	1	G	114; 116
Philippines	Honda Bay Fishery management program	fishing with illegal gear (cyanide), far from community	2	3	1	med	0	F	114; 116
Philippines	Apo Island Protected Landscape/Seascape	fishing in no-take zone	1	3	0	v. high	1	G	103; 117; 118
Philippines	Sumilon Island Fish Sanctuary	fishing in no-extraction zone, 1981-1994	4	3	0	v. high	0	E	103; 118
Philippines	Sumilon Island Fish Sanctuary	fishing in no-extraction zone, 1999-2002	2	3	1	v. high	1	B	117; 118
Philippines	San Salvador Island Marine Sanctuary	fishing in no-take zone	2	3	2	v. high	1	G	119; 120
Rwanda	Akagera National Park	grazing cattle in PA	3	1	2	low	0	C	121
Solomon Islands	Nusa Hope Marine Protected Area	fishing in no-take zone	1	3	1	v. high	1	G	122-124
South Africa	Mkambati Forest Reserve	hunting in large animals in PA	3	3	1	v. high	0	B	125-127
South Africa	Tsitsikamma National Park	fishing in no-extraction zone	3	3	2	v. high	1	B	128-130
South Africa	Greater St. Lucia Wetland Park	settlement in PA	5	3	2	v. high	0	C	131; 132
South Africa	Kruger National Park	permanent agriculture / settlement in PA	2	5	2	v. high	1	B	133; 134
Tanzania	Grumeti Game Reserve	hunting without permit	3	4	1	v. high	0	G	135; 136
Tanzania	Kilombero Game Controlled Area	hunting without permit, large animals	3	2	1	v. low	0	C	137
Tanzania	Serengeti National Park	hunting large animals (wildebeest, elephants)	3	5	2	low	1	E	138-141
Tanzania	Serengeti National Park	grazing livestock inside PA	2	3	3	med	1	E	138
Uganda	Mgahinga (Gorilla) National Park	hunting large animals (gorilla) in PA	3	5	2	v. high	1	B	142; 143
Uganda	Bwindi Impenetrable Forest National Park	trapping large animals ( antelope) in PA	2	3	1	med	0	D	144; 145

Country	Protected Area	Restriction	C	B	M	p	O(u)	Category	Sources
Uganda	Mount Elgon National Park	agriculture within PA boundaries	2	3	1	v. high	1	B	146; 147
Uganda	Mount Elgon National Park	grazing livestock inside PA	3	1	2	v. high	0	E	146; 147
Uganda	Lake Mburo National Park	grazing livestock inside PA	3	1	2	low	0	D	148; 149
Uganda	Lake Mburo National Park	hunting large animals (impala, etc.) in PA	3	2	2	v. high	0	B	148; 149
United States	Congaree National Park	settlement in PA	2	3	3	v. high	1	B	150
United States	Congaree National Park	pollution (dumping garbage) in PA	1	2	2	low	0	E	150
Zimbabwe	Binga District CAMPFIRE program	hunting large animals w/out permit	2	4	2	v. high	0	G	151
Zimbabwe	Nkayi & Lupane District CAMPFIRE program	hunting large animals w/out permit	4	4	0	med	0	D	152
Zimbabwe	Mahenye Ward District CAMPFIRE program	hunting large animals w/out permit, pre-2000	2	2	1	v. high	1	G	153
Zimbabwe	Mahenye Ward District CAMPFIRE program	hunting large animals w/out permit, post-2000	3	2	1	v. high	0	D	153
Zimbabwe	Nyaminyami District CAMPFIRE program	hunting large animals w/out permit	2	2	1	med	1	F	154; 155

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