

# Potential consequences of regional species loss for global species richness – a quantitative approach for estimating global extinction probabilities

Koen J.J. Kuipers\*†, Stefanie Hellweg‡, Francesca Verones†

† Industrial Ecology Programme, Department of Energy and Process Engineering, Norwegian University of Science & Technology (NTNU), NO-7491 Trondheim, Norway

‡ Ecological Systems Design, Institute of Environmental Engineering (IfU), ETH Zürich, CH-8093 Zürich, Switzerland

\* corresponding author: koen.kuipers@ntnu.no

## Supplementary Information-1

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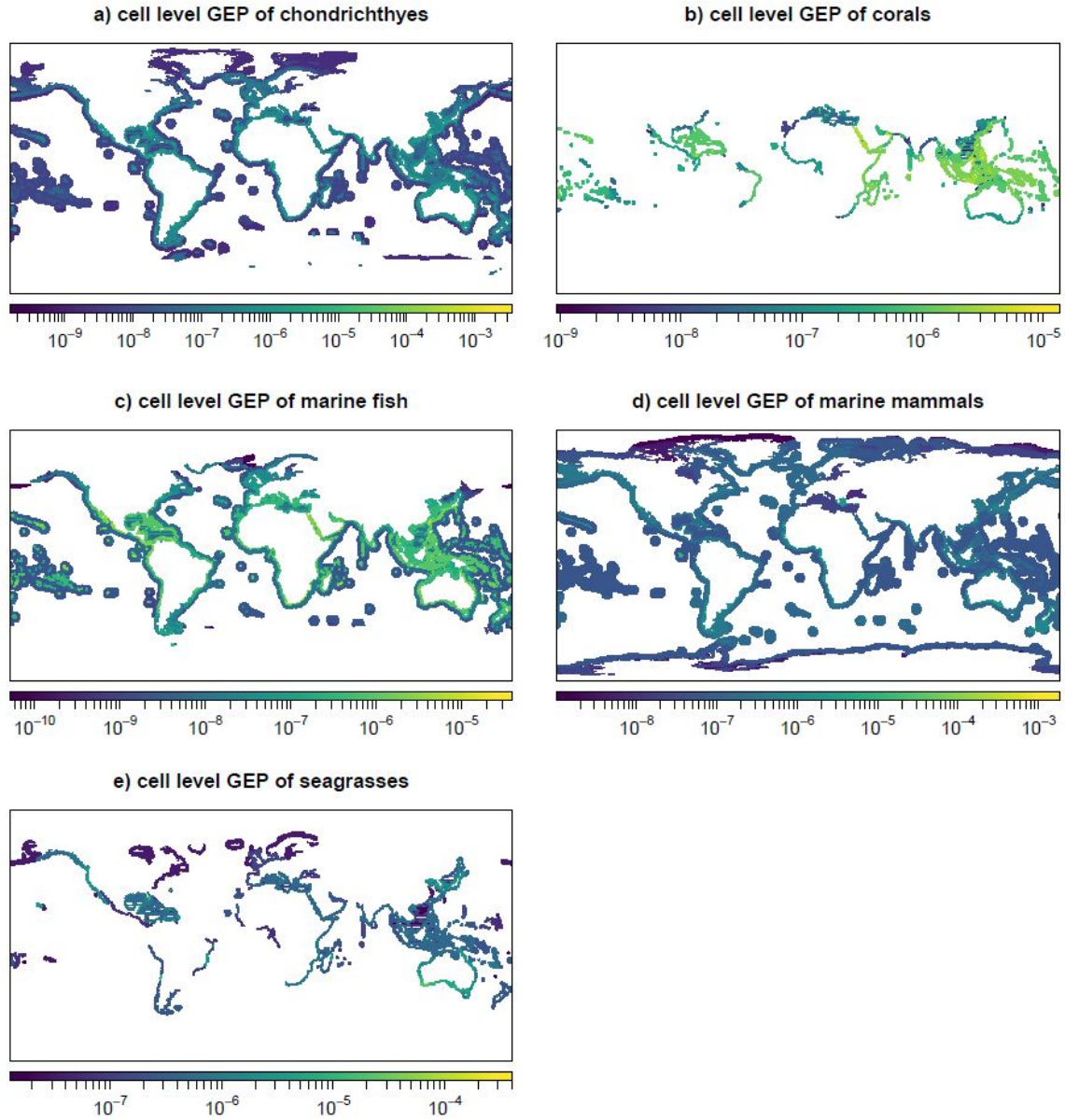


Figure S1. Cell level GEP of marine species groups: a) chondrichthyes, b) corals, c) marine fish, d) marine mammals, and e) seagrasses (legend scaled logarithmically). The maps use the marine ecoregions of the world<sup>1</sup> to delineate borders.

The cell values (GEPs) are calculated by the following equation:

$$GEP_p = \frac{\sum_s \frac{o_{s,p} \cdot TL_s}{\sum_p o_{s,p}}}{\sum_s TL_s}$$

where  $o$  is the occurrence of species  $s$  in cell  $p$ , and  $TL$  is the threat level of species  $s$ . The sum of all cell level GEPs is 1. All species occurrences outside marine ecoregions are excluded.

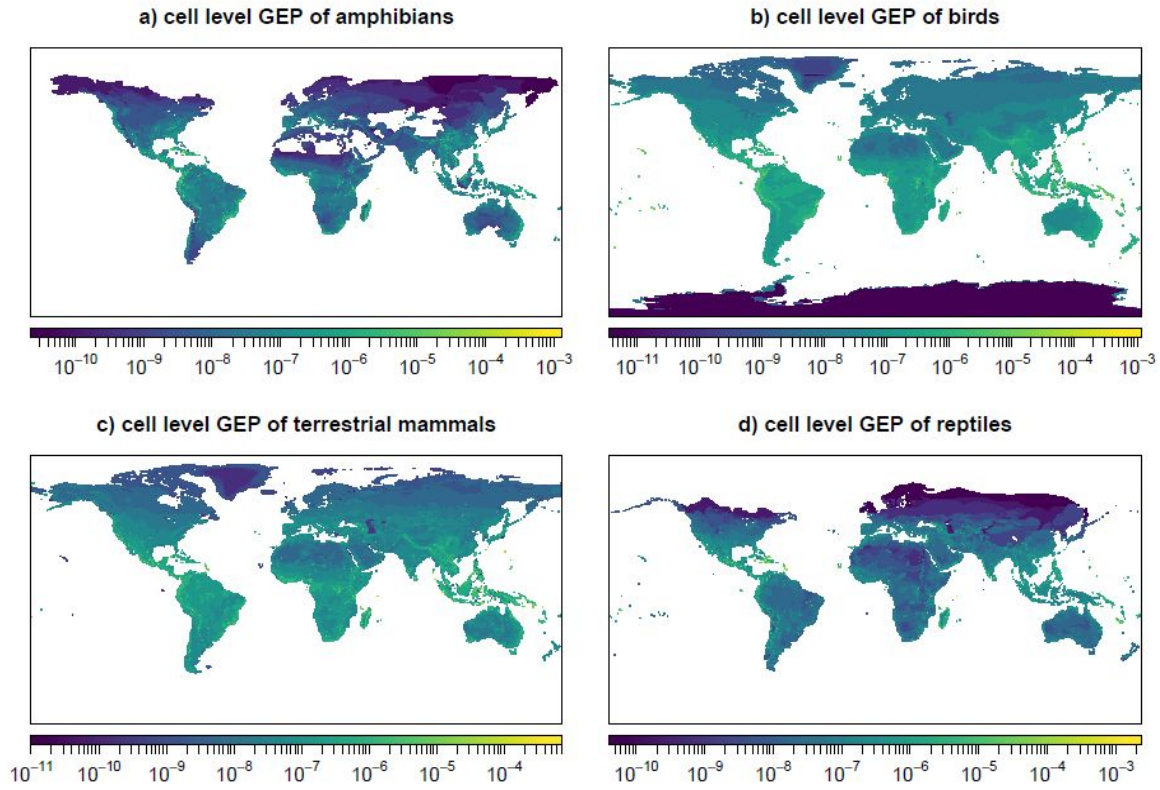


Figure S2. Cell level GEP of terrestrial species groups: a) amphibians, b) birds, c) terrestrial mammals, and d) reptiles (legend scaled logarithmically). The maps use the terrestrial ecoregions of the world<sup>2</sup> to delineate borders.

The cell values (GEPs) are calculated by the following equation:

$$GEP_p = \frac{\sum_s \frac{o_{s,p} \cdot TL_s}{\sum_p o_{s,p}}}{\sum_s TL_s}$$

where  $o$  is the occurrence of species  $s$  in cell  $p$ , and  $TL$  is the threat level of species  $s$ . The sum of all cell level GEPs is 1. All species occurrences outside terrestrial ecoregions are excluded.

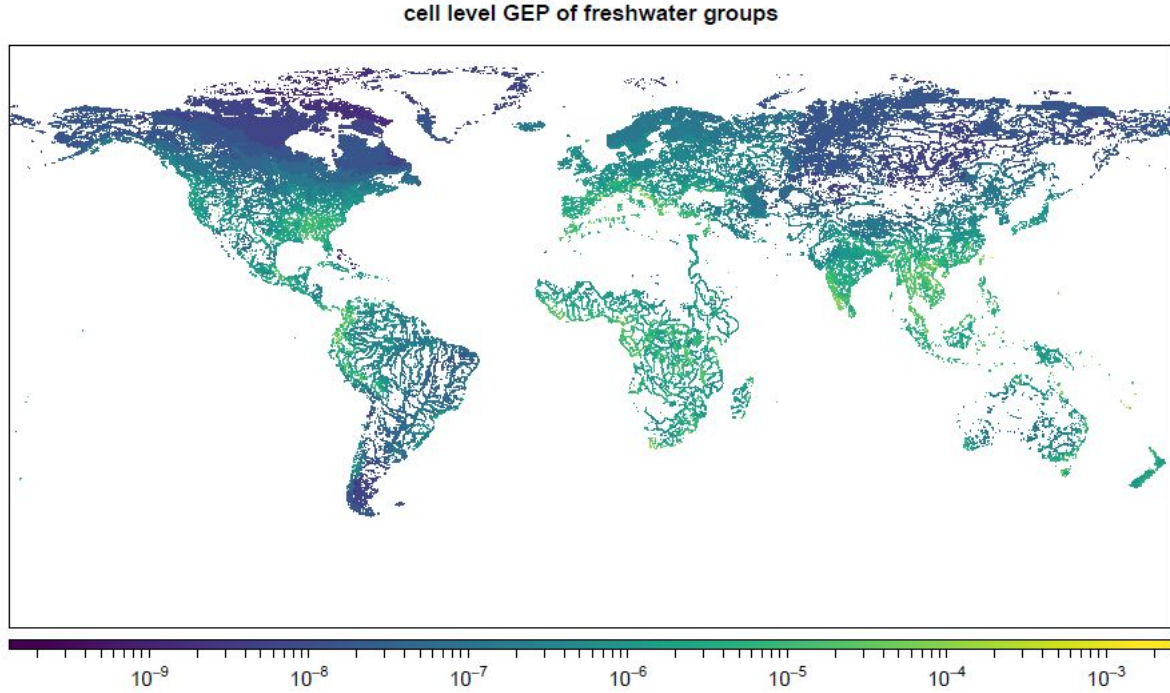


Figure S3. Cell level GEP of freshwater species groups combined (legend scaled logarithmically). The map uses the freshwater ecoregions of the world<sup>3</sup> and the Global Lakes and Wetlands Database<sup>4</sup> to delineate borders.

The cell values (GEPs) are calculated by the following equation:

$$GEP_p = \frac{\sum_s \frac{o_{s,p} \cdot TL_s}{\sum_p o_{s,p}}}{\sum_s TL_s}$$

where  $o$  is the occurrence of species  $s$  in cell  $p$ , and  $TL$  is the threat level of species  $s$ . The sum of all cell level GEPs is 1. All species occurrences outside freshwater bodies are excluded.

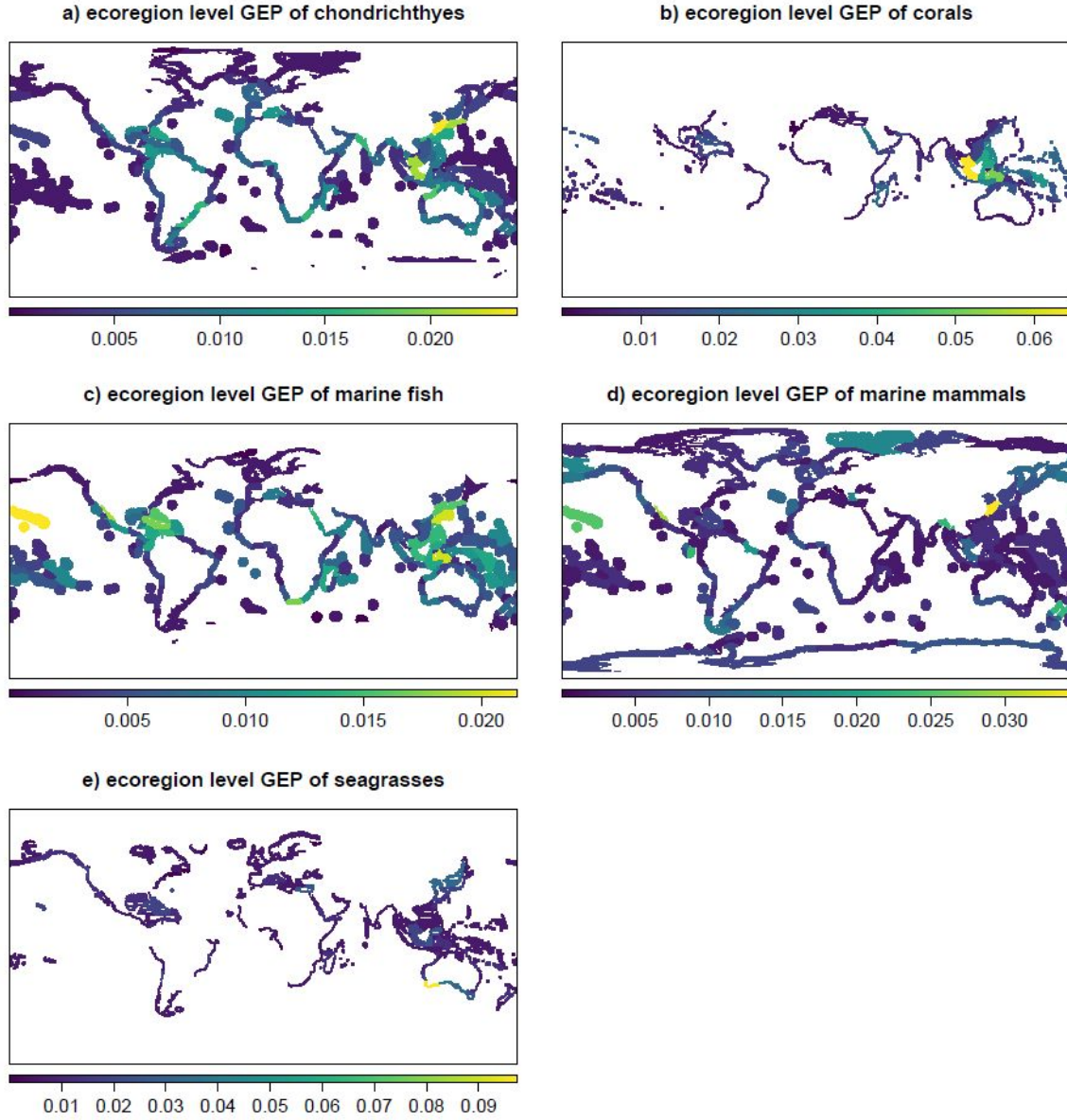


Figure S4. Ecoregion level GEP of marine species groups: a) chondrichthyes, b) corals, c) marine fish, d) marine mammals, and e) seagrasses (legend scaled linearly). The maps use the marine ecoregions of the world<sup>1</sup> to delineate borders.

The ecoregion values (GEPs) are calculated by the following equation:

$$GEP_r = \sum_p \frac{\sum_s \frac{o_{s,p,r} \cdot TL_s}{\sum_{p,r} o_{s,p,r}}}{\sum_s TL_s}$$

where  $o$  is the occurrence of species  $s$  in cell  $p$  and spatial unit  $r$  (e.g., ecoregion), and  $TL$  is the threat level of species  $s$ . The sum of all cell level GEPs is 1. All species occurrences outside marine ecoregions are excluded.



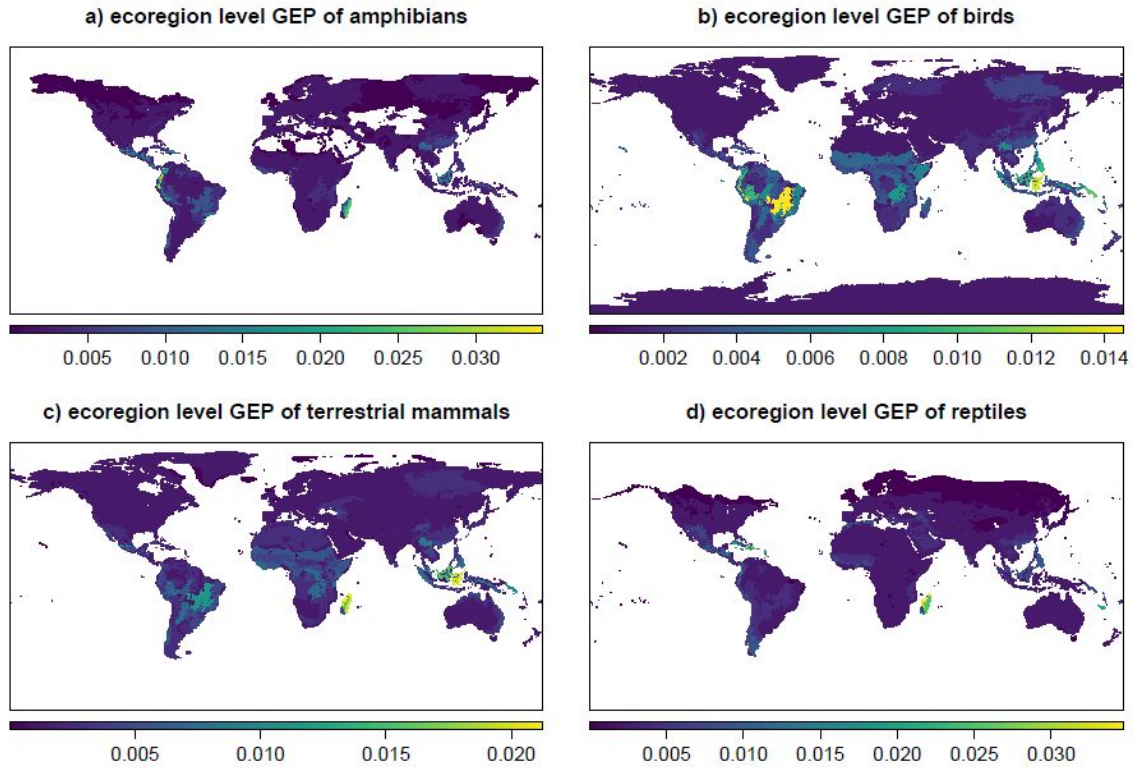


Figure S5. Ecoregion level GEP of terrestrial species groups: a) amphibians, b) birds, c) terrestrial mammals, and d) reptiles (legend scaled linearly). The maps use the terrestrial ecoregions of the world<sup>2</sup> to delineate borders.

The ecoregion values (GEPs) are calculated by the following equation:

$$GEP_r = \sum_p \frac{\sum_s \frac{o_{s,p,r} \cdot TL_s}{\sum_{p,r} o_{s,p,r}}}{\sum_s TL_s}$$

where  $o$  is the occurrence of species  $s$  in cell  $p$  and spatial unit  $r$  (e.g., ecoregion), and  $TL$  is the threat level of species  $s$ . The sum of all cell level GEPs is 1. All species occurrences outside marine ecoregions are excluded.

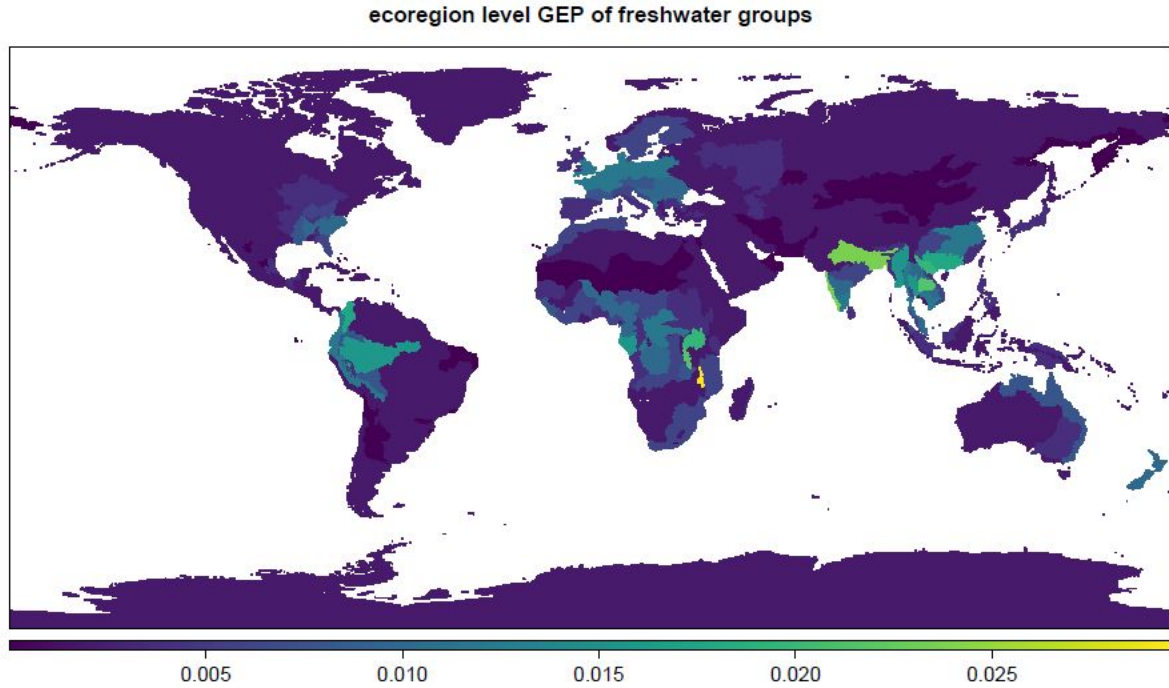


Figure S6. Ecoregion level GEP of freshwater species groups combined (legend scaled linearly). The map uses the freshwater ecoregions of the world<sup>3</sup> and the Global Lakes and Wetlands Database<sup>4</sup> to delineate borders.

The ecoregion values (GEPs) are calculated by the following equation:

$$GEP_r = \sum_p \frac{\sum_s \frac{o_{s,p,r} \cdot TL_s}{\sum_{p,r} o_{s,p,r}}}{\sum_s TL_s}$$

where  $o$  is the occurrence of species  $s$  in cell  $p$  and spatial unit  $r$  (e.g., ecoregion), and  $TL$  is the threat level of species  $s$ . The sum of all cell level GEPs is 1. All species occurrences outside marine ecoregions are excluded.

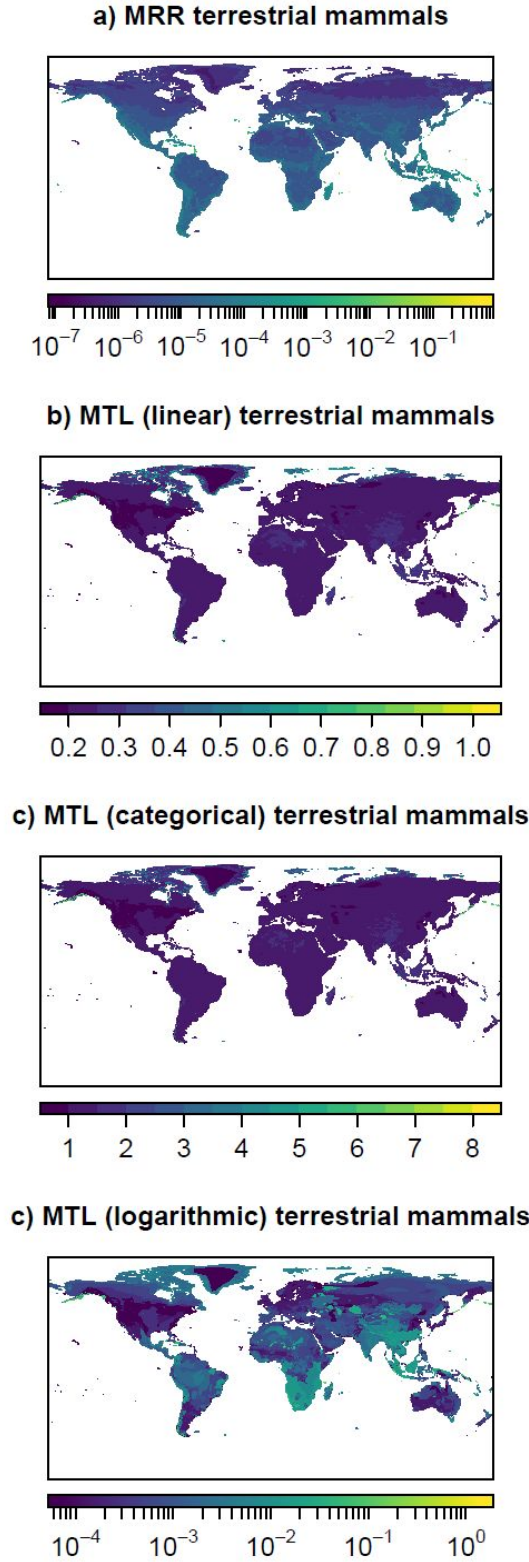


Figure S7. Mean range rarity (MRR) and mean threat levels (MTLs) of terrestrial mammals (legend scaled logarithmically for MRR and MTL logarithmic, and linearly for MTL linear and MTL categorical). The maps use the terrestrial ecoregions of the world<sup>2</sup> to delineate borders.

The mean range rarity and mean threat levels are calculated by the following equations:

$MRR_p = \frac{\sum_{s=1}^n \frac{o_{s,p}}{\sum_{p=1}^n o_{s,p}}}{n_p}$  and  $MTL_p = \frac{\sum_{s=1}^n TL_{s,p}}{n_p}$ , where  $o$  is the occurrence of species  $s$  in grid cell  $p$ ,  $n$  the number of species in grid cell  $p$ , and  $TL$  the threat level of species  $s$  in grid cell  $p$ .



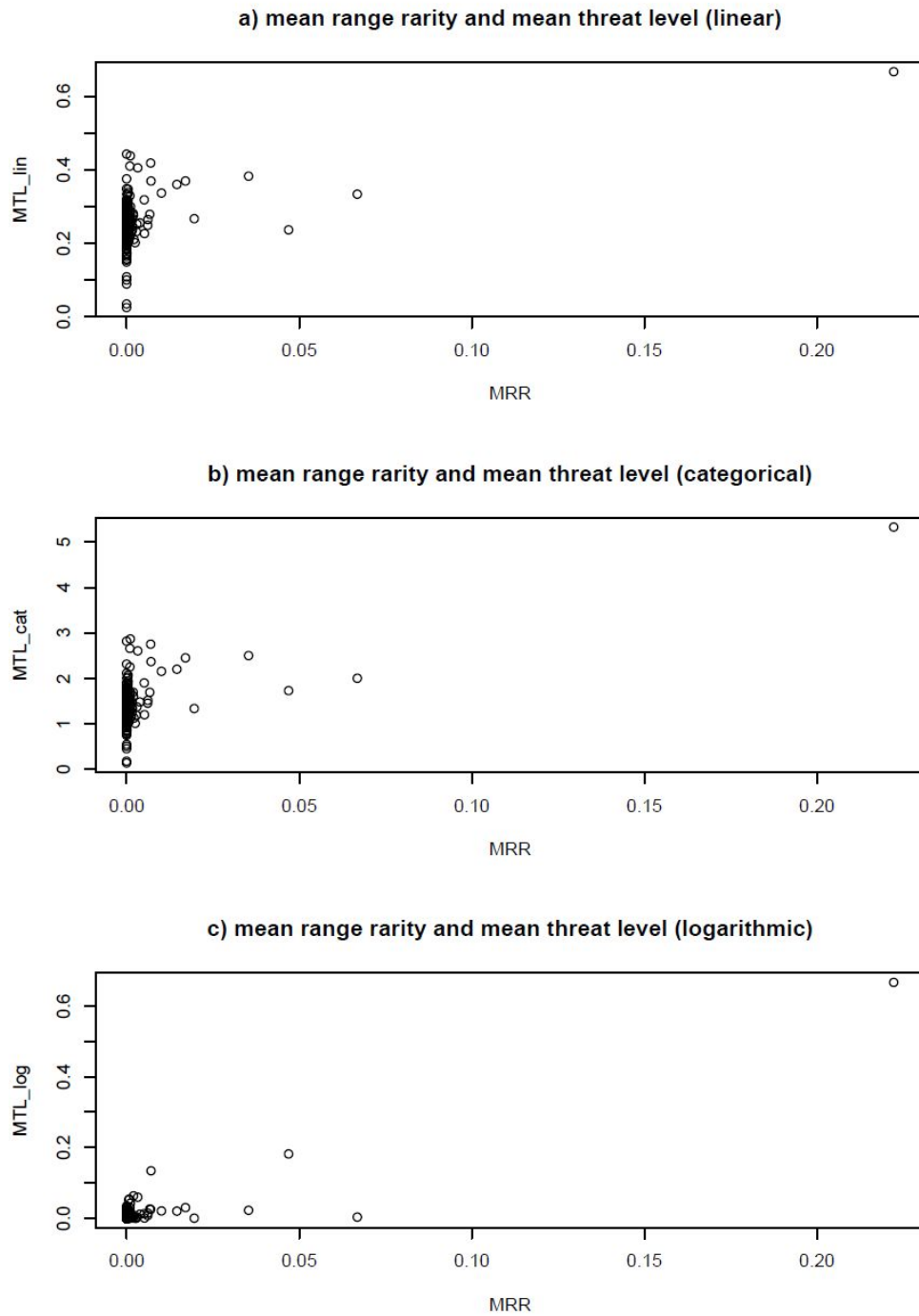


Figure S8. Scatterplots of mean range rarity (MRR) plotted against mean threat levels (MTLs) of terrestrial mammals.

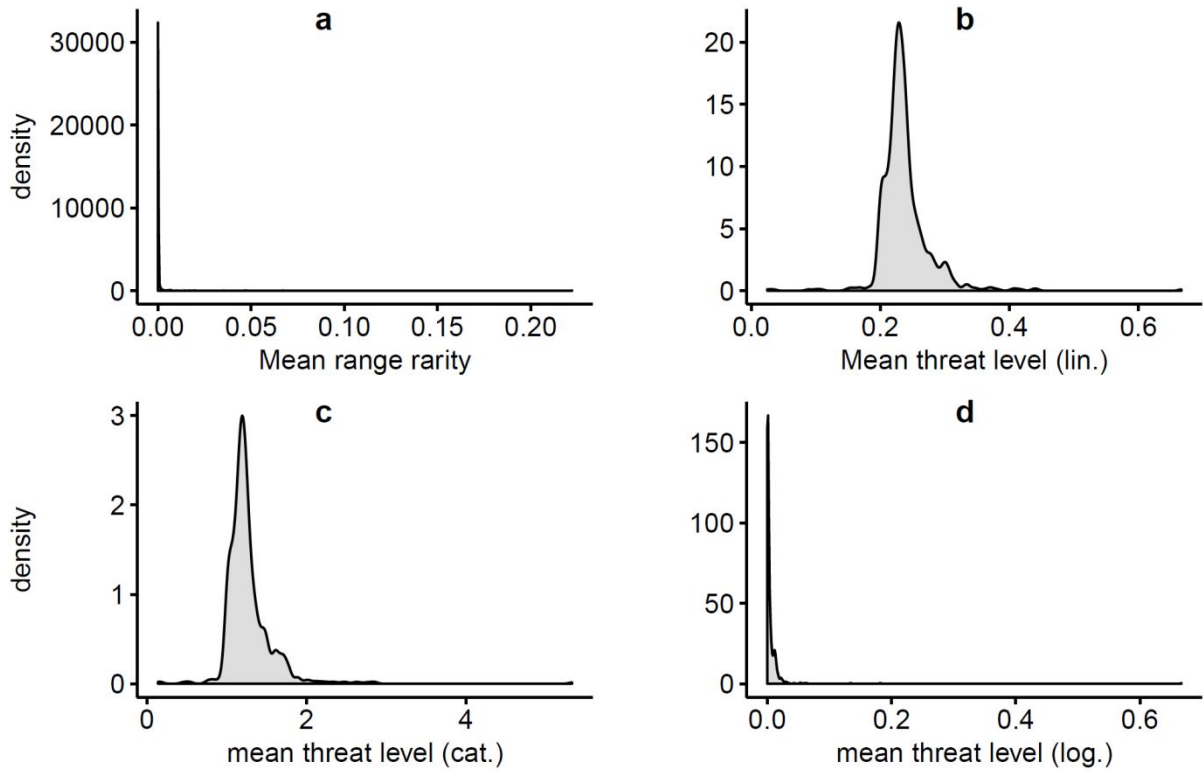


Figure S9. Densities of ecoregion-level a) mean range rarity (MRR), b) mean threat level (MTL) linearly parametrised, c) MTL categorically parametrised, and d) MTL logarithmically parametrised.

The ecoregion-level MRR and MTL data has been tested for normality by analysing the figures above and performing Shapiro-Wilk's tests on each data set. The results indicate that neither of the datasets is normally distributed. For this reason, we used the Pearson's correlation coefficient for analysing the correlation between the MRR and various MTL data.

Table S1. Rankings [high-low] of the (1) terrestrial mammal GEPs (categorical parametrisation) per ecoregion, (2) agricultural land use impacts on regional mammal species diversity based on Chaudhary and Brooks<sup>5</sup> [regional PDF mammal species/m<sup>2</sup>], and (3) agricultural land use impacts on global mammal species diversity [global PDF mammal species/m<sup>2</sup>].

Ecoregion	code	Rank mammal GEP	Rank regional PDF mammal species/m <sup>2</sup>	Rank global PDF mammal species/m <sup>2</sup>
Lord Howe Island subtropical forests	AA0109	344	1	1
Christmas and Cocos Islands tropical forests	IM0110	416	2	3
Ogasawara subtropical moist forests	OC0109	345	3	2
Cayos Miskitos-San Andrés and Providencia moist forests	NT0110	790	4	722
Granitic Seychelles forests	AT0113	340	5	4
Enriquillo wetlands	NT0903	783	6	373
Maldives-Lakshadweep-Chagos Archipelago tropical moist forests	IM0125	785	7	552
Cook Islands tropical moist forests	OC0103	786	8	672
Southern Africa mangroves	AT1405	748	9	170
Lesser Antillean dry forests	NT0220	669	10	59
Mount Cameroon and Bioko montane forests	AT0121	88	11	5
Sierra de la Laguna pine-oak forests	NT0307	701	12	97
Leeward Islands moist forests	NT0134	373	13	14
Madagascar ericoid thickets	AT1011	758	14	285
Puerto Rican dry forests	NT0226	749	15	242
Sao Tome, Principe and Annobon moist lowland forests	AT0127	187	16	8
Palau tropical moist forests	OC0110	530	17	33
Madeira evergreen forests	PA0425	685	18	135
Tongan tropical moist forests	OC0114	780	19	649
Patí-a Valley dry forests	NT0225	761	20	384
Chimalapas montane forests	NT0114	733	21	258
Jamaican dry forests	NT0218	498	22	42
Santa Marta páramo	NT1007	712	23	190
Nicobar Islands rain forests	IM0133	118	24	7
Louisiade Archipelago rain forests	AA0110	507	25	48
Windward Islands moist forests	NT0179	419	26	26
South Florida rocklands	NT0164	673	27	150
South Avalon-Burin oceanic barrens	NA0615	789	28	764
Rwenzori-Virunga montane moorlands	AT1013	147	29	10
Hawaii tropical high shrublands	OC0701	795	30	774
Belizian pine forests	NT0302	672	31	158
Eastern Panamanian montane forests	NT0122	692	32	191
Sri Lanka montane rain forests	IM0155	381	33	22
Khangai Mountains conifer forests	PA0512	776	34	583
East African montane moorlands	AT1005	448	35	43
Knysna-Amatole montane forests	AT0115	684	36	192
Sulu Archipelago rain forests	IM0156	560	37	75
South Taiwan monsoon rain forests	IM0171	659	38	162
Admiralty Islands lowland rain forests	AA0101	337	39	19
Marianas tropical dry forests	OC0203	399	40	35
Sierra de los Tuxtlas	NT0161	327	41	20
Yapen rain forests	AA0108	427	42	51
East African halophytics	AT0901	753	43	402
Socotra Island xeric shrublands	AT1318	781	44	706
Cuban cactus scrub	NT1306	548	45	80
Hawaii tropical low shrublands	OC0702	793	46	773
Sumatran tropical pine forests	IM0304	695	47	234
Comoros forests	AT0105	238	48	18
Florida sand pine scrub	NA0513	774	49	622
Biak-Numfoor rain forests	AA0103	95	50	11
Motagua Valley thornscrub	NT1312	742	51	372
Veracruz montane forests	NT0177	568	52	109
Southeastern Iberian shrubs and woodlands	PA1219	772	53	616
Peninsular Malaysian peat swamp forests	IM0145	700	54	265
Sierra de la Laguna dry forests	NT0227	494	55	77
Guayaquil flooded grasslands	NT0905	654	56	202
Rakiura Island temperate forests	AA0407	343	57	39
Santa Marta montane forests	NT0159	455	58	68
Panamanian dry forests	NT0224	716	59	291
Caatinga Enclaves moist forests	NT0106	549	60	100
Sierra Juárez and San Pedro Martir pine-oak forests	NA0526	423	61	64
Cordillera de Merida páramo	NT1005	335	62	44
Trobriand Islands rain forests	AA0125	86	63	12
Chiapas montane forests	NT0113	538	64	113
Trinidad and Tobago moist forests	NT0171	564	65	128
Nansei Islands subtropical evergreen forests	IM0170	34	66	9

Corsican montane broadleaf and mixed forests	PA1204	778	67	714
Madagascar mangroves	AT1404	313	68	38
Kinabalu montane alpine meadows	IM1001	420	69	71
Veracruz dry forests	NT0233	655	70	244
Mentawai Islands rain forests	IM0127	14	71	6
Bahamian-Antillean mangroves	NT1402	66	72	13
Oaxacan montane forests	NT0146	288	73	40
Southern Mesoamerican Pacific mangroves	NT1407	348	74	56
Northern Mesoamerican Pacific mangroves	NT1404	458	75	90
Cuban pine forests	NT0304	730	76	403
Cuban wetlands	NT0902	454	77	89
Atlantic Coast restingas	NT0102	429	78	81
Cauca Valley dry forests	NT0207	693	79	305
Indus River Delta-Arabian Sea mangroves	IM1403	750	80	480
Mascarene forests	AT0120	237	81	30
San Lucan xeric scrub	NT1314	480	82	118
Andaman Islands rain forests	IM0101	96	83	17
Great Basin montane forests	NA0515	470	84	112
New Caledonia dry forests	AA0202	224	85	31
Samoa tropical moist forests	OC0112	728	86	425
Goadavari-Krishna mangroves	IM1401	743	87	487
Mandara Plateau mosaic	AT0710	754	88	534
Cape Verde Islands dry forests	AT0201	787	89	767
Puerto Rican moist forests	NT0155	574	90	195
Jamaican moist forests	NT0131	176	91	27
Eritrean coastal desert	AT1304	751	92	533
Eastern Zimbabwe montane forest-grassland mosaic	AT1006	501	93	146
Bahamian pine mosaic	NT0301	415	94	107
Southern Atlantic mangroves	NT1406	254	95	50
Guianan freshwater swamp forests	NT0149	734	96	469
Atlantic coastal pine barrens	NA0504	738	97	490
Canary Islands dry woodlands and forests	PA1203	375	98	82
Maranhão Babaçu forests	NT0139	352	99	78
Costa Rican seasonal moist forests	NT0119	311	100	66
Northeastern Brazil restingas	NT0144	674	101	334
Sierra Madre de Chiapas moist forests	NT0162	491	102	155
Araya and Paria xeric scrub	NT1301	557	103	204
Yellow Sea saline meadow	PA0908	762	104	639
Gurupa várzea	NT0126	697	105	366
Banda Sea Islands moist deciduous forests	AA0102	207	106	47
Lake Chad flooded savanna	AT0904	739	107	509
Luzon tropical pine forests	IM0302	194	108	45
Itigi-Sumbu thicket	AT0708	731	109	478
Drakensberg alti-montane grasslands and woodlands	AT1003	711	110	401
Red River freshwater swamp forests	IM0147	512	111	177
Northeast India-Myanmar pine forests	IM0303	609	112	260
Hispaniolan pine forests	NT0305	551	113	207
Sri Lanka lowland rain forests	IM0154	33	114	15
Hawaii tropical moist forests	OC0106	792	115	772
Crete Mediterranean forests	PA1205	397	116	125
Northern California coastal forests	NA0519	520	117	200
Galápagos Islands scrubland mosaic	NT1307	213	118	54
Northern Triangle temperate forests	IM0402	539	119	209
Mediterranean High Atlas juniper steppe	PA1010	675	120	354
Wrangel Island arctic desert	PA1113	487	121	176
Sierra Madre de Oaxaca pine-oak forests	NT0308	43	122	16
Central American montane forests	NT0112	241	123	57
Chiapas Depression dry forests	NT0211	377	124	117
South Malawi montane forest-grassland mosaic	AT1014	604	125	272
Willamette Valley forests	NA0417	509	126	201
Luzon montane rain forests	IM0122	341	127	99
South American Pacific mangroves	NT1405	312	128	83
Orinoco wetlands	NT0906	694	129	397
Niger Delta swamp forests	AT0122	336	130	102
South Sakhalin-Kurile mixed forests	PA0438	720	131	468
East African mangroves	AT1402	475	132	185
Etosha Pan halophytics	AT0902	736	133	549
Buru rain forests	AA0104	307	134	87
Honshu alpine conifer forests	PA0511	401	135	147
Cordillera La Costa montane forests	NT0117	370	136	127
Albany thickets	AT1201	506	137	215
Mindoro rain forests	IM0130	121	138	37
Hawaii tropical dry forests	OC0202	791	139	771
Cyprus Mediterranean forests	PA1206	525	140	233
Hispaniolan dry forests	NT0215	522	141	229

Qilian Mountains conifer forests	PA0517	570	142	263
Pantanos de Centla	NT0148	617	143	313
Pernambuco coastal forests	NT0151	421	144	167
Jos Plateau forest-grassland mosaic	AT1010	503	145	223
Tehuacán Valley matorral	NT1316	314	146	103
Miskito pine forests	NT0306	612	147	316
Southern Korea evergreen forests	PA0439	735	148	564
Fiji tropical dry forests	OC0201	611	149	315
KwaZulu-Cape coastal forest mosaic	AT0116	571	150	279
Cross-Niger transition forests	AT0106	432	151	186
Sumba deciduous forests	AA0203	598	152	311
Lara-Falcón dry forests	NT0219	493	153	227
Talamancan montane forests	NT0167	119	154	49
Queen Charlotte Islands	NA0525	759	155	670
Magdalena Valley dry forests	NT0221	514	156	246
Aleutian Islands tundra	NA1102	342	157	138
Sundarbans freshwater swamp forests	IM0162	725	158	547
Kamchatka-Kurile taiga	PA0604	771	159	732
Central Range sub-alpine grasslands	AA1002	77	160	32
New Britain-New Ireland montane rain forests	AA0112	541	161	269
Eastern Java-Bali montane rain forests	IM0112	395	162	172
Irrawaddy freshwater swamp forests	IM0116	732	163	571
Guinean mangroves	AT1403	527	164	264
Scandinavian coastal conifer forests	PA0520	766	165	719
Northern Khorat Plateau moist deciduous forests	IM0138	652	166	390
Cordillera Central páramo	NT1004	249	167	86
Appenine deciduous montane forests	PA0401	666	168	421
Palawan rain forests	IM0143	55	169	25
Puget lowland forests	NA0524	594	170	331
Azores temperate mixed forests	PA0403	485	171	241
Eastern Arc forests	AT0109	83	172	41
Jarrah-Karri forest and shrublands	AA1204	317	173	136
Pernambuco interior forests	NT0152	406	174	197
East Afghan montane conifer forests	PA0506	457	175	221
Peninsular Malaysian montane rain forests	IM0144	287	176	120
Hainan Island monsoon rain forests	IM0169	280	177	116
Newfoundland Highland forests	NA0611	784	178	766
Ecuadorian dry forests	NT0214	393	179	196
Cuban moist forests	NT0120	178	180	76
Copper Plateau taiga	NA0604	765	181	725
Sumatran freshwater swamp forests	IM0157	442	182	222
Maputaland-Pondoland bushland and thickets	AT1012	374	183	179
Tasmanian Central Highland forests	AA0411	380	184	188
Zambezian coastal flooded savanna	AT0906	706	185	508
Myanmar Coast mangroves	IM1404	634	186	382
Huon Peninsula montane rain forests	AA0107	309	187	140
Fiji tropical moist forests	OC0105	216	188	92
Catatumbo moist forests	NT0108	434	189	224
New Caledonia rain forests	AA0113	298	190	137
Afghan Mountains semi-desert	PA1301	737	191	630
Chao Phraya lowland moist deciduous forests	IM0108	490	192	261
Ethiopian montane moorlands	AT1008	44	193	28
Bohai Sea saline meadow	PA0902	773	194	752
Mindanao montane rain forests	IM0128	269	195	119
Sinú Valley dry forests	NT0229	391	196	203
Jalisco dry forests	NT0217	117	197	60
Isthmian-Pacific moist forests	NT0130	289	198	134
Helanshan montane conifer forests	PA0508	389	199	205
Tasmanian temperate forests	AA0412	329	200	166
Gulf of California xeric scrub	NA1306	28	201	21
Vanuatu rain forests	AA0126	93	202	55
South Appenine mixed montane forests	PA1218	696	203	499
Mediterranean conifer and mixed forests	PA0513	543	204	309
Tonle Sap freshwater swamp forests	IM0164	643	205	419
Northern Vietnam lowland rain forests	IM0141	349	206	184
Central African mangroves	AT1401	319	207	157
Sundarbans mangroves	IM1406	677	208	473
Orissa semi-evergreen forests	IM0142	718	209	550
Guinean montane forests	AT0114	417	210	235
Marañón dry forests	NT0223	561	211	332
South Western Ghats montane rain forests	IM0151	73	212	52
Lowland fynbos and renosterveld	AT1202	318	213	165
Tamaulipan matorral	NA1311	607	214	375
Cauca Valley montane forests	NT0109	132	215	74
Tian Shan montane conifer forests	PA0521	599	216	367



South Western Ghats moist deciduous forests	IM0150	202	217	106
Eastern Himalayan subalpine conifer forests	IM0501	195	218	101
Indochina mangroves	IM1402	499	219	296
Angolan montane forest-grassland mosaic	AT1001	552	220	336
Venezuelan Andes montane forests	NT0175	150	221	84
Australian Alps montane grasslands	AA1001	414	222	243
Swan Coastal Plain Scrub and Woodlands	AA1205	665	223	474
Maputaland coastal forest mosaic	AT0119	403	224	237
Nihonkai evergreen forests	PA0427	303	225	159
Serengeti volcanic grasslands	AT0714	647	226	447
Western Java montane rain forests	IM0167	91	227	61
East Deccan dry-evergreen forests	IM0204	713	228	560
Seram rain forests	AA0118	47	229	46
Flint Hills tall grasslands	NA0807	727	230	634
Western Ecuador moist forests	NT0178	266	231	142
Vogelkop montane rain forests	AA0127	152	232	96
Hispaniolan moist forests	NT0127	263	233	143
Tonle Sap-Mekong peat swamp forests	IM0165	593	234	386
Paraguana xeric scrub	NT1313	192	235	123
Orinoco Delta swamp forests	NT0147	559	236	350
Indus Valley desert	IM1302	768	237	748
Northern New Guinea montane rain forests	AA0116	75	238	58
Cook Inlet taiga	NA0603	740	239	673
Hokkaido deciduous forests	PA0423	708	240	566
Pyrenees conifer and mixed forests	PA0433	596	241	394
Bajío dry forests	NT0204	529	242	340
Zambezian Cryptosepalum dry forests	AT0203	603	243	407
Northern transitional alpine forests	NA0521	752	244	708
Fiordland temperate forests	AA0403	745	245	686
Caledon conifer forests	PA0503	770	246	757
Cameroonian Highlands forests	AT0103	16	247	23
Crimean Submediterranean forest complex	PA0416	648	248	470
Trans Fly savanna and grasslands	AA0708	363	249	231
Montane fynbos and renosterveld	AT1203	268	250	161
Queensland tropical rain forests	AA0117	81	251	69
Everglades	NT0904	558	252	364
Central Anatolian steppe	PA0803	629	253	458
New Guinea mangroves	AA1401	398	254	266
Southern Rift montane forest-grassland mosaic	AT1015	160	255	121
Chin Hills-Arakan Yoma montane forests	IM0109	502	256	338
Sulaiman Range alpine meadows	PA1018	676	257	530
Nenjiang River grassland	PA0903	744	258	698
Taiwan subtropical evergreen forests	IM0172	141	259	108
North Western Ghats montane rain forests	IM0135	293	260	194
Malabar Coast moist forests	IM0124	219	261	152
Irrawaddy dry forests	IM0205	546	262	365
Chao Phraya freshwater swamp forests	IM0107	473	263	321
Southern Pacific dry forests	NT0230	278	264	182
Western Himalayan subalpine conifer forests	IM0502	371	265	253
Halmahera rain forests	AA0106	130	266	105
Campos Rupestres montane savanna	NT0703	199	267	148
Gulf of St. Lawrence lowland forests	NA0408	726	268	665
Tasmanian temperate rain forests	AA0413	259	269	171
Kopet Dag semi-desert	PA1319	704	270	592
Rodope montane mixed forests	PA0435	662	271	523
Hobyo grasslands and shrublands	AT1307	606	272	438
Westland temperate forests	AA0414	760	273	736
Amazon-Orinoco-Southern Caribbean mangroves	NT1401	270	274	180
Madagascar spiny thickets	AT1311	78	275	73
Himalayan subtropical broadleaf forests	IM0115	153	276	129
Southern Vietnam lowland dry forests	IM0211	276	277	193
Central and Southern Cascades forests	NA0508	410	278	293
Greater Negros-Panay rain forests	IM0114	56	279	63
Tumbes-Piura dry forests	NT0232	347	280	250
Southern Cone Mesopotamian savanna	NT0909	583	281	418
Inner Niger Delta flooded savanna	AT0903	624	282	471
Sunda Shelf mangroves	IM1405	245	283	174
Western Java rain forests	IM0168	68	284	72
California montane chaparral and woodlands	NA1203	355	285	262
Terai-Duar savanna and grasslands	IM0701	383	286	282
Northern Andean páramo	NT1006	48	287	67
East Saharan montane xeric woodlands	AT1303	621	288	477
Texas blackland prairies	NA0814	690	289	582
Southwest Borneo freshwater swamp forests	IM0153	446	290	329
East Central Texas forests	NA0405	620	291	485

Northeastern Himalayan subalpine conifer forests	PA0514	384	292	290
Meghalaya subtropical forests	IM0126	378	293	284
Wasatch and Uinta montane forests	NA0530	537	294	391
Mount Lofty woodlands	AA1206	322	295	247
Cross-Sanaga-Bioko coastal forests	AT0107	71	296	79
Klamath-Siskiyou forests	NA0516	362	297	280
Alberta Mountain forests	NA0501	724	298	671
Sierra Madre del Sur pine-oak forests	NT0309	36	299	62
Timor and Wetar deciduous forests	AA0204	154	300	149
Po Basin mixed forests	PA0432	631	301	501
New Britain-New Ireland lowland rain forests	AA0111	189	302	168
Western Zambezi grasslands	AT0724	610	303	488
Naracoorte woodlands	AA1208	632	304	507
Sonoran-Sinaloa transition subtropical dry forest	NA0201	438	305	335
Yucatán dry forests	NT0235	361	306	288
Northern Thailand-Laos moist deciduous forests	IM0139	449	307	342
North Atlantic moist mixed forests	PA0429	767	308	761
Ozark Mountain forests	NA0412	663	309	567
Isthmian-Atlantic moist forests	NT0129	275	310	219
Lesser Sundas deciduous forests	AA0201	69	311	88
North Western Ghats moist deciduous forests	IM0134	573	312	442
Solomon Islands rain forests	AA0119	7	313	29
Sierra Nevada forests	NA0527	382	314	306
Taiheiyō montane deciduous forests	PA0441	332	315	273
Brahmaputra Valley semi-evergreen forests	IM0105	196	316	187
Nigerian lowland forests	AT0123	308	317	248
Guajira-Barranquilla xeric scrub	NT1308	220	318	199
Cardamom Mountains rain forests	IM0106	324	319	268
Hindu Kush alpine meadow	PA1005	671	320	585
Eastern Java-Bali rain forests	IM0113	111	321	126
East African montane forests	AT0108	84	322	104
Cascade Mountains leeward forests	NA0507	650	323	554
Balsas dry forests	NT0205	274	324	228
Alaska Peninsula montane taiga	NA0601	613	325	503
Zambezian halophytics	AT0908	681	326	601
Pantepui	NT0169	379	327	308
Suiphun-Khanka meadows and forest meadows	PA0907	688	328	618
Central American dry forests	NT0209	358	329	299
Western Himalayan broadleaf forests	IM0403	253	330	217
Southern Annamites montane rain forests	IM0152	129	331	145
Illyrian deciduous forests	PA1210	597	332	494
Eastern Cascades forests	NA0512	535	333	426
Khangai Mountains alpine meadow	PA1007	714	334	663
Hokkaido montane conifer forests	PA0510	630	335	526
Northern Annamites rain forests	IM0136	60	336	91
English Lowlands beech forests	PA0421	746	337	730
Veracruz moist forests	NT0176	173	338	183
Caspian Hyrcanian mixed forests	PA0407	369	339	312
Sayan Intermontane steppe	PA0815	709	340	660
Cuban dry forests	NT0213	261	341	230
Okanagan dry forests	NA0522	682	342	625
Sri Lanka dry-zone dry evergreen forests	IM0212	120	343	144
Cordillera Oriental montane forests	NT0118	164	344	181
Northern Triangle subtropical forests	IM0140	157	345	178
Apure-Villavicencio dry forests	NT0201	315	346	277
Elburz Range forest steppe	PA0507	478	347	389
Nebraska Sand Hills mixed grasslands	NA0809	689	348	633
Nile Delta flooded savanna	PA0904	466	349	380
Iberian conifer forests	PA1208	638	350	556
Nelson Coast temperate forests	AA0404	702	351	658
Al Hajar montane woodlands	AT0801	451	352	370
Tarim Basin deciduous forests and steppe	PA0442	656	353	587
Palouse grasslands	NA0813	649	354	579
Pindus Mountains mixed forests	PA1217	523	355	437
Chocó-Darién moist forests	NT0115	72	356	114
Tigris-Euphrates alluvial salt marsh	PA0906	508	357	429
Sierra Madre Oriental pine-oak forests	NA0303	115	358	154
Northern dry deciduous forests	IM0208	623	359	537
Kola Peninsula tundra	PA1106	757	360	755
Monte Alegre várzea	NT0141	360	361	323
Northwestern Andean montane forests	NT0145	52	362	94
Magdalena-Urabá moist forests	NT0137	193	363	211
Paraná flooded savanna	NT0908	402	364	351
Northern Pacific coastal forests	NA0520	516	365	435
Bolivian montane dry forests	NT0206	149	366	189

Rann of Kutch seasonal salt marsh	IM0901	710	367	677
Edwards Plateau savanna	NA0806	595	368	515
Mesoamerican Gulf-Caribbean mangroves	NT1403	392	369	348
Central Pacific coastal forests	NA0510	240	370	238
California Central Valley grasslands	NA0801	272	371	256
Blue Mountains forests	NA0505	463	372	393
Southern Andean Yungas	NT0165	98	373	153
Myanmar coastal rain forests	IM0132	426	374	369
Dinaric Mountains mixed forests	PA0418	477	375	415
California coastal sage and chaparral	NA1201	180	376	213
Allegheny Highlands forests	NA0401	667	377	628
Madagascar succulent woodlands	AT1312	57	378	111
Sinaloa dry forests	NT0228	148	379	198
Himalayan subtropical pine forests	IM0301	465	380	409
Atlantic coastal desert	PA1304	705	381	682
Yucatán moist forests	NT0181	125	382	173
Yukon Interior dry forests	NA0617	717	383	697
Northeastern coastal forests	NA0411	482	384	424
Qionglai-Minshan conifer forests	PA0518	126	385	175
Trans-Mexican Volcanic Belt pine-oak forests	NT0310	8	386	53
Eastern Anatolian deciduous forests	PA0420	605	387	541
Nujiang Langcang Gorge alpine conifer and mixed forests	PA0516	89	388	151
Western Gulf coastal grasslands	NA0701	576	389	506
Sakhalin Island taiga	PA0607	510	390	460
Kopet Dag woodlands and forest steppe	PA1008	505	391	457
Kaokoveld desert	AT1310	618	392	563
Central Mexican matorral	NA1302	467	393	420
Albertine Rift montane forests	AT0101	11	394	65
Yarlung Tsangpo arid steppe	PA1022	619	395	565
Borneo peat swamp forests	IM0104	232	396	254
Eastern Himalayan broadleaf forests	IM0401	161	397	216
Maracaibo dry forests	NT0222	531	398	483
Sichuan Basin evergreen broadleaf forests	PA0437	479	399	433
Southwest Australia woodlands	AA1210	151	400	210
Euxine-Colchic broadleaf forests	PA0422	577	401	516
South Island temperate forests	AA0410	775	402	765
Saharan halophytics	PA0905	668	403	650
Central American Atlantic moist forests	NT0111	229	404	259
South Deccan Plateau dry deciduous forests	IM0209	171	405	232
Northern tall grasslands	NA0812	703	406	690
Luang Prabang montane rain forests	IM0121	165	407	226
Central British Columbia Mountain forests	NA0509	719	408	711
Sumatran montane rain forests	IM0159	29	409	93
Northwestern Himalayan alpine shrub and meadows	PA1012	412	410	400
Eastern Congolian swamp forests	AT0110	354	411	352
Bolivian Yungas	NT0105	145	412	214
Magdalena Valley montane forests	NT0136	58	413	132
Azerbaijan shrub desert and steppe	PA1305	472	414	443
Emin Valley steppe	PA0806	639	415	613
Red Sea coastal desert	PA1333	635	416	612
Richmond temperate forests	AA0408	779	417	769
Central American pine-oak forests	NT0303	35	418	110
Hengduan Mountains subalpine conifer forests	PA0509	260	419	289
Northern Zanzibar-Inhambane coastal forest mosaic	AT0125	19	420	85
Sundaland heath forests	IM0161	228	421	271
Serra do Mar coastal forests	NT0160	51	422	131
Eastern Cordillera real montane forests	NT0121	38	423	122
Madagascar lowland forests	AT0117	2	424	24
Sulawesi montane rain forests	AA0124	24	425	95
Somali montane xeric woodlands	AT1319	460	426	441
Tyrrhenian-Adriatic Sclerophyllous and mixed forests	PA1222	304	427	328
Mississippi lowland forests	NA0409	615	428	595
Southeastern Papuan rain forests	AA0120	23	429	98
Central Korean deciduous forests	PA0413	495	430	481
Bahia coastal forests	NT0103	54	431	139
Kazakh upland	PA0811	678	432	676
Eastern Great Lakes lowland forests	NA0407	687	433	685
Nihonkai montane deciduous forests	PA0428	177	434	252
Angolan scarp savanna and woodlands	AT1002	575	435	543
Changbai Mountains mixed forests	PA0414	422	436	428
Cantabrian mixed forests	PA0406	321	437	345
Vogelkop-Aru lowland rain forests	AA0128	63	438	156
Ghorat-Hazarajat alpine meadow	PA1004	627	439	619
Atlantic dry forests	NT0202	443	440	448
Northwest Iberian montane forests	PA1216	519	441	510

Sumatran peat swamp forests	IM0160	201	442	274
Central Anatolian steppe and woodlands	PA0410	468	443	464
Montana Valley and Foothill grasslands	NA0808	616	444	611
Rio Negro campinarana	NT0158	367	445	388
Tenasserim-South Thailand semi-evergreen rain forests	IM0163	140	446	236
Sulawesi lowland rain forests	AA0123	3	447	34
Northern Anatolian conifer and deciduous forests	PA0515	526	448	522
Persian Gulf desert and semi-desert	PA1323	741	449	756
Luzon rain forests	IM0123	62	450	164
California interior chaparral and woodlands	NA1202	182	451	278
Beringia upland tundra	NA1107	633	452	645
Western Himalayan alpine shrub and Meadows	PA1021	528	453	529
Altai steppe and semi-desert	PA0802	587	454	580
Northland temperate kauri forests	AA0406	637	455	651
Piney Woods forests	NA0523	582	456	576
Madagascar dry deciduous forests	AT0202	1	457	36
Qilian Mountains subalpine meadows	PA1015	569	458	568
La Costa xeric shrublands	NT1309	353	459	398
Arizona Mountains forests	NA0503	271	460	325
Eyre and York mallee	AA1203	628	461	646
Mindanao-Eastern Visayas rain forests	IM0129	21	462	115
Qin Ling Mountains deciduous forests	PA0434	255	463	320
Middle Atlantic coastal forests	NA0517	310	464	357
Ucayali moist forests	NT0174	135	465	251
Paropamisus xeric woodlands	PA1322	592	466	607
Southwestern Arabian montane woodlands	AT1321	554	467	562
Iquitos várzea	NT0128	172	468	281
Pacific Coastal Mountain icefields and tundra	NA1117	658	469	684
Southern New Guinea freshwater swamp forests	AA0121	244	470	318
Southern Zanzibar-Inhambane coastal forest mosaic	AT0128	248	471	319
Central Asian riparian woodlands	PA1311	653	472	675
Southwest Iberian Mediterranean sclerophyllous and mixed forests	PA1221	464	473	493
Western Congolian swamp forests	AT0129	217	474	310
Mediterranean acacia-argania dry woodlands and succulent thickets	PA1212	156	475	275
Saharan flooded grasslands	AT0905	346	476	405
Altai montane forest and forest steppe	PA0502	518	477	539
Chhota-Nagpur dry deciduous forests	IM0203	400	478	456
Southern Anatolian montane conifer and deciduous forests	PA1220	428	479	472
Gulf of Oman desert and semi-desert	AT1306	462	480	496
Peninsular Malaysian rain forests	IM0146	18	481	124
Appalachian-Blue Ridge forests	NA0403	461	482	497
Anatolian conifer and deciduous mixed forests	PA1202	608	483	638
Petén-Veracruz moist forests	NT0154	42	484	160
Baltic mixed forests	PA0405	698	485	727
Kamchatka Mountain tundra and forest tundra	PA1105	715	486	733
Tibesti-Jebel Uweinat montane xeric woodlands	PA1331	729	487	753
Alberta-British Columbia foothills forests	NA0502	683	488	710
Kayah-Karen montane rain forests	IM0119	205	489	314
Eastern Guinean forests	AT0111	25	490	141
Altai alpine meadow and tundra	PA1001	547	491	572
Borneo montane rain forests	IM0103	76	492	208
Succulent Karoo	AT1322	170	493	300
Southeastern Indochina dry evergreen forests	IM0210	101	494	245
Upper Midwest forest-savanna transition	NA0415	642	495	678
Sayan Alpine meadows and tundra	PA1016	651	496	688
Colorado Rockies forests	NA0511	500	497	542
Carpathian montane forests	PA0504	471	498	517
Irrawaddy moist deciduous forests	IM0117	200	499	322
Mizoram-Manipur-Kachin rain forests	IM0131	162	500	303
Baja California desert	NA1301	159	501	301
Fraser Plateau and Basin complex	NA0514	657	502	699
Carnarvon xeric shrublands	AA1301	204	503	327
British Columbia mainland coastal forests	NA0506	489	504	535
Arabian Peninsula coastal fog desert	AT1302	413	505	492
Magellanic subpolar forests	NT0402	155	506	302
Southern New Guinea lowland rain forests	AA0122	163	507	307
Northeastern Spain and Southern France Mediterranean forests	PA1215	563	508	606
Guianan Highlands moist forests	NT0124	107	509	257
Italian sclerophyllous and semi-deciduous forests	PA1211	411	510	495
Kamchatka-Kurile meadows and sparse forests	PA0603	542	511	588
Appalachian mixed mesophytic forests	NA0402	459	512	520
Beringia lowland tundra	NA1106	544	513	594

Highveld grasslands	AT1009	285	514	377
Daba Mountains evergreen forests	PA0417	286	515	379
Namib desert	AT1315	435	516	512
Tamaulipan mezquital	NA1312	496	517	559
Iceland boreal birch forests and alpine tundra	PA0602	777	518	770
Madagascar subhumid forests	AT0118	5	519	70
Western Guinean lowland forests	AT0130	12	520	133
Northern New Guinea lowland rain and freshwater swamp forests	AA0115	90	521	249
Atlantic Equatorial coastal forests	AT0102	114	522	270
South Island montane grasslands	AA1003	721	523	751
Victoria Basin forest-savanna mosaic	AT0721	136	524	297
Taiheiyō evergreen forests	PA0440	146	525	304
Alps conifer and mixed forests	PA0501	233	526	353
Peruvian Yungas	NT0153	26	527	163
Alai-Western Tian Shan steppe	PA0801	580	528	632
Caucasus mixed forests	PA0408	64	529	225
Meseta Central matorral	NA1307	206	530	343
Badkhyz and Karabil semi-desert	PA1306	545	531	610
Eastern Australian temperate forests	AA0402	61	532	220
Eastern Mediterranean conifer-sclerophyllous-broadleaf forests	PA1207	277	533	381
Kalaallit Nunaat low arctic tundra	NA1113	755	534	762
South Central Rockies forests	NA0528	483	535	558
Alaska-St. Elias Range tundra	NA1101	636	536	691
Central Andean wet puna	NT1003	108	537	276
Masai xeric grasslands and shrublands	AT1313	333	538	449
Eastern Himalayan alpine shrub and meadows	PA1003	273	539	383
Guianan savanna	NT0707	334	540	454
Solimões-Japurá moist forests	NT0163	306	541	422
Tocantins/Pindare moist forests	NT0170	158	542	326
Narmada Valley dry deciduous forests	IM0207	262	543	376
Marajó várzea	NT0138	433	544	525
Tian Shan foothill arid steppe	PA0818	515	545	600
Beni savanna	NT0702	223	546	360
Purus-Madeira moist forests	NT0157	291	547	408
Drakensberg montane grasslands, woodlands and forests	AT1004	110	548	286
Zambezi flooded grasslands	AT0907	211	549	356
Bahia interior forests	NT0104	41	550	206
Purus várzea	NT0156	185	551	346
Araucaria moist forests	NT0101	174	552	341
Central Afghan Mountains xeric woodlands	PA1309	566	553	647
Kuh Rud and Eastern Iran montane woodlands	PA1009	439	554	540
Caqueta moist forests	NT0107	258	555	387
Ural montane forests and tundra	PA0610	707	556	745
Trans-Baikal conifer forests	PA0609	562	557	643
Cape York Peninsula tropical savanna	AA0703	214	558	362
Northeast China Plain deciduous forests	PA0430	555	559	641
Southeastern conifer forests	NA0529	302	560	431
Southern Great Lakes forests	NA0414	591	561	668
Central Range montane rain forests	AA0105	9	562	130
Aegean and Western Turkey sclerophyllous and mixed forests	PA1201	441	563	553
Esperance mallee	AA1202	227	564	378
Ussuri broadleaf and mixed forests	PA0443	431	565	546
Ethiopian montane forests	AT0112	59	566	240
Angolan Mopane woodlands	AT0702	445	567	561
Chiquitano dry forests	NT0212	252	568	395
Negro-Branco moist forests	NT0143	265	569	406
Pamir alpine desert and tundra	PA1014	481	570	586
Great Lakes Basin desert steppe	PA1316	511	571	624
Einasleigh upland savanna	AA0705	212	572	374
New England-Acadian forests	NA0410	497	573	609
High Monte	NT1010	138	574	333
Lower Gangetic Plains moist deciduous forests	IM0120	297	575	436
Sierra Madre Occidental pine-oak forests	NA0302	124	576	317
Northern mixed grasslands	NA0810	586	577	669
Gobi Lakes Valley desert steppe	PA1315	534	578	642
Western Siberian hemiboreal forests	PA0444	644	579	715
South China-Vietnam subtropical evergreen forests	IM0149	50	580	239
Eastern Anatolian montane steppe	PA0805	139	581	339
Valdivian temperate forests	NT0404	32	582	212
Amur meadow steppe	PA0901	622	583	702
Middle East steppe	PA0812	450	584	575
Yunnan Plateau subtropical evergreen forests	PA0102	167	585	359



Cantebury-Otago tussock grasslands	AA0801	764	586	768
Wyoming Basin shrub steppe	NA1313	409	587	551
Western Great Lakes forests	NA0416	601	588	693
Atacama desert	NT1303	469	589	599
Guianan piedmont and lowland moist forests	NT0182	243	590	416
Upper Gangetic Plains moist deciduous forests	IM0166	292	591	453
Balkan mixed forests	PA0404	284	592	444
Northeast Siberian coastal tundra	PA1107	686	593	742
Karakoram-West Tibetan Plateau alpine steppe	PA1006	190	594	385
Central tall grasslands	NA0805	553	595	661
Arctic desert	PA1101	747	596	763
Southeast Australia temperate forests	AA0409	87	597	298
Trans-Baikal Bald Mountain tundra	PA1112	660	598	734
Gissaro-Alai open woodlands	PA0808	316	599	486
Ethiopian montane grasslands and woodlands	AT1007	112	600	324
Central Deccan Plateau dry deciduous forests	IM0201	357	601	521
Central U.S. hardwood forests	NA0404	453	602	593
Central and Southern mixed grasslands	NA0803	390	603	545
Juruá-Purus moist forests	NT0133	166	604	368
Mojave desert	NA1308	294	605	463
Southern Andean steppe	NT1008	356	606	518
Da Hinggan-Dzhagdy Mountains conifer forests	PA0505	572	607	679
Napo moist forests	NT0142	79	608	294
Scandinavian Montane Birch forest and grasslands	PA1110	680	609	741
Celtic broadleaf forests	PA0409	679	610	743
Guizhou Plateau broadleaf and mixed forests	PA0101	186	611	392
Pantanal	NT0907	326	612	504
Gibson desert	AA1303	588	613	694
Xingu-Tocantins-Araguaia moist forests	NT0180	198	614	404
Coolgardie woodlands	AA1201	614	615	712
Ethiopian xeric grasslands and shrublands	AT1305	208	616	410
North Central Rockies forests	NA0518	452	617	603
Ordos Plateau steppe	PA1013	492	618	640
Arnhem Land tropical savanna	AA0701	46	619	267
South Siberian forest steppe	PA0817	661	620	739
Japurá-Solimões-Negro moist forests	NT0132	264	621	455
Chilean matorral	NT1201	169	622	396
Sumatran lowland rain forests	IM0158	20	623	218
Southeastern mixed forests	NA0413	407	624	584
Selenge-Orkhon forest steppe	PA0816	524	625	667
Khathiar-Gir dry deciduous forests	IM0206	388	626	570
Muskwa-Slave Lake forests	NA0610	625	627	726
Daurian forest steppe	PA0804	430	628	602
Southern Acacia-Commiphora bushlands and thickets	AT0716	113	629	347
Northern Cordillera forests	NA0613	590	630	705
Southwest Australia savanna	AA1209	386	631	569
Central China loess plateau mixed forests	PA0411	328	632	527
Pilbara shrublands	AA1307	330	633	531
Northwest Russian-Novaya Zemlya tundra	PA1108	699	634	759
Central Indochina dry forests	IM0202	53	635	292
Southern Africa bushveld	AT0717	203	636	434
Murray-Darling woodlands and mallee	AA1207	350	637	557
Pannonian mixed forests	PA0431	394	638	591
Nullarbor Plains xeric shrublands	AA1306	540	639	687
Chukchi Peninsula tundra	PA1104	640	640	737
Mediterranean dry woodlands and steppe	PA1213	267	641	489
Mesopotamian shrub desert	PA1320	456	642	648
Huang He Plain mixed forests	PA0424	387	643	598
Sayan montane conifer forests	PA0519	474	644	657
Eastern forest-boreal transition	NA0406	567	645	703
Sechura desert	NT1315	80	646	337
Central forest-grasslands transition	NA0804	364	647	578
Qaidam Basin semi-desert	PA1324	444	648	644
Central Andean puna	NT1002	122	649	371
Tapajós-Xingu moist forests	NT0168	137	650	399
Namibian savanna woodlands	AT1316	295	651	514
Tibetan Plateau alpine shrublands and meadows	PA1020	366	652	581
Baluchistan xeric woodlands	PA1307	424	653	631
Sonoran desert	NA1310	144	654	412
Zagros Mountains forest steppe	PA0446	210	655	462
Eastern highlands moist deciduous forests	IM0111	221	656	467
Snake-Columbia shrub steppe	NA1309	242	657	482
Northwest Territories taiga	NA0614	626	658	735
Alto Paraná Atlantic forests	NT0150	39	659	295
North Island temperate forests	AA0405	447	660	652

Central Congolian lowland forests	AT0104	82	661	349
Mid-Continental Canadian forests	NA0608	584	662	718
Mato Grosso seasonal forests	NT0140	197	663	465
Changjiang Plain evergreen forests	PA0415	175	664	451
Zambeian Baikiaea woodlands	AT0726	338	665	573
Northwestern Congolian lowland forests	AT0126	30	666	283
Mediterranean woodlands and forests	PA1214	168	667	446
Uruguayan savanna	NT0710	67	668	344
Eastern Gobi desert steppe	PA1314	440	669	656
Victoria Plains tropical savanna	AA0709	488	670	683
Caspian lowland desert	PA1308	486	671	681
West Saharan montane xeric woodlands	PA1332	517	672	700
Southern Hudson Bay taiga	NA0616	641	673	746
Atlantic mixed forests	PA0402	359	674	605
Okhotsk-Manchurian taiga	PA0606	425	675	653
Southwestern Arabian foothills savanna	AT1320	396	676	637
Espinal	NT0801	250	677	505
Western short grasslands	NA0815	323	678	574
Tian Shan montane steppe and meadows	PA1019	247	679	513
Eastern Australia mulga shrublands	AA0802	436	680	662
Central Andean dry puna	NT1001	183	681	484
Thar desert	IM1304	437	682	664
Central Canadian Shield forests	NA0602	581	683	729
Northern Acacia-Commiphora bushlands and thickets	AT0711	65	684	355
Iberian sclerophyllous and semi-deciduous forests	PA1209	282	685	544
Yamal-Gydan tundra	PA1114	664	686	760
Northern Indochina subtropical forests	IM0137	10	687	255
Central Ranges xeric scrub	AA1302	257	688	524
Nama Karoo	AT1314	127	689	430
Northeastern Congolian lowland forests	AT0124	17	690	287
Borneo lowland rain forests	IM0102	4	691	169
Humid Chaco	NT0708	70	692	363
Guianan moist forests	NT0125	99	693	411
Humid Pampas	NT0803	131	694	440
Uatuma-Trombetas moist forests	NT0173	106	695	417
Manchurian mixed forests	PA0426	279	696	548
Interior Alaska-Yukon lowland taiga	NA0607	536	697	716
Eastern Canadian forests	NA0605	602	698	740
Western Congolian forest-savanna mosaic	AT0723	116	699	427
Junggar Basin semi-desert	PA1317	339	700	617
Registan-North Pakistan sandy desert	PA1326	513	701	709
Western European broadleaf forests	PA0445	331	702	614
South Iran Nubo-Sindian desert and semi-desert	PA1328	408	703	666
Kalahari Acacia-Baikiaea woodlands	AT0709	300	704	577
Midwestern Canadian Shield forests	NA0609	589	705	738
Deccan thorn scrub forests	IM1301	239	706	532
Bering tundra	PA1102	533	707	723
Canadian Aspen forests and parklands	NA0802	521	708	720
Southern Miombo woodlands	AT0719	142	709	466
Southeast Australia temperate savanna	AA0803	351	710	635
Eastern Miombo woodlands	AT0706	92	711	423
Brigalow tropical savanna	AA0702	102	712	432
Llanos	NT0709	109	713	439
Colorado Plateau shrublands	NA1304	226	714	536
Northern Canadian Shield taiga	NA0612	556	715	731
Kazakh forest steppe	PA0809	504	716	721
Northern short grasslands	NA0811	296	717	597
North Tibetan Plateau-Kunlun Mountains alpine desert	PA1011	305	718	608
Low Monte	NT0802	181	719	519
Kimberly tropical savanna	AA0706	105	720	452
Zambeian and Mopane woodlands	AT0725	100	721	450
Great Basin shrub steppe	NA1305	209	722	538
Carpentaria tropical savanna	AA0704	184	723	528
Southeast Tibet shrublands and meadows	PA1017	74	724	414
Cherskii-Kolyma mountain tundra	PA1103	585	725	744
Guinean forest-savanna mosaic	AT0707	37	726	361
Jian Nan subtropical evergreen forests	IM0118	97	727	461
Tirari-Sturt stony desert	AA1309	299	728	626
Great Victoria desert	AA1305	385	729	680
East European forest steppe	PA0419	283	730	615
Madeira-Tapajós moist forests	NT0135	31	731	358
Chihuahuan desert	NA1303	104	732	476
Mitchell grass downs	AA0707	281	733	621
Northwestern thorn scrub forests	IM1303	320	734	654
Southern Congolian forest-savanna mosaic	AT0718	128	735	500

Central European mixed forests	PA0412	251	736	596
Western Australian Mulga shrublands	AA1310	418	737	704
Southwest Amazon moist forests	NT0166	13	738	330
Eastern Canadian Shield taiga	NA0606	565	739	747
Central Tibetan Plateau alpine steppe	PA1002	225	740	604
Angolan Miombo woodlands	AT0701	94	741	498
Sarmatic mixed forests	PA0436	365	742	696
Patagonian steppe	NT0805	103	743	502
Kazakh semi-desert	PA1318	256	744	627
Central Asian southern desert	PA1312	368	745	701
Kalahari xeric savanna	AT1309	191	746	590
Northern Congolian forest-savanna mosaic	AT0712	85	747	491
Central Persian desert basins	PA1313	290	748	655
Central Asian northern desert	PA1310	215	749	623
Simpson desert	AA1308	230	750	629
Kazakh steppe	PA0810	376	751	707
Red Sea Nubo-Sindian tropical desert and semi-desert	PA1325	404	752	724
Mongolian-Manchurian grassland	PA0813	231	753	636
Taimyr-Central Siberian tundra	PA1111	532	754	754
East Sudanian savanna	AT0705	123	755	555
Caatinga	NT1304	49	756	475
Alashan Plateau semi-desert	PA1302	246	757	659
Pontic steppe	PA0814	134	758	589
Northeast Siberian taiga	PA0605	476	759	750
Great Sandy-Tanami desert	AA1304	301	760	695
Dry Chaco	NT0210	15	761	413
Central Zambesian Miombo woodlands	AT0704	22	762	445
Taklimakan desert	PA1330	235	763	674
West Sudanian savanna	AT0722	45	764	511
Somali Acacia-Commiphora bushlands and thickets	AT0715	27	765	479
South Saharan steppe and woodlands	PA1329	234	766	689
West Siberian taiga	PA0611	405	767	749
Scandinavian and Russian taiga	PA0608	236	768	713
Cerrado	NT0704	6	769	459
North Saharan steppe and woodlands	PA1321	133	770	692
Arabian Desert and East Sahero-Arabian xeric shrublands	PA1303	188	771	717
Sahelian Acacia savanna	AT0713	40	772	620
East Siberian taiga	PA0601	143	773	728
Sahara desert	PA1327	179	774	758
Chatham Island temperate forests	AA0401	801	775	775
Ile Europa and Bassas da India xeric scrub	AT1308	811	776	776
South China Sea Islands	IM0148	799	777	777
Islas Revillagigedo dry forests	NT0216	815	778	778
Juan Fernández Islands temperate forests	NT0401	816	779	779
Western Polynesian tropical moist forests	OC0117	826	780	780
Faroe Islands boreal grasslands	PA0807	794	781	781
Norfolk Island subtropical forests	AA0114	788	782	782
Antipodes Subantarctic Islands tundra	AA1101	802	783	783
Marielandia Antarctic tundra	AN1101	803	784	784
Maudlandia Antarctic desert	AN1102	804	785	785
Scotia Sea Islands tundra	AN1103	805	786	786
Southern Indian Ocean Islands tundra	AN1104	806	787	787
Ascension scrub and grasslands	AT0703	807	788	788
St. Helena scrub and woodlands	AT0720	808	789	789
Amsterdam and Saint-Paul Islands temperate grasslands	AT0802	809	790	790
Tristan Da Cunha-Gough Islands shrub and grasslands	AT0803	810	791	791
Aldabra Island xeric scrub	AT1301	484	792	792
Lake	Lake	218	793	793
Bermuda subtropical conifer forests	NA0301	796	794	794
Arctic coastal tundra	NA1103	722	795	795
Arctic foothills tundra	NA1104	670	796	796
Baffin coastal tundra	NA1105	782	797	797
Brooks-British Range tundra	NA1108	646	798	798
Davis Highlands tundra	NA1109	756	799	799
High Arctic tundra	NA1110	645	800	800
Interior Yukon-Alaska alpine tundra	NA1111	600	801	801
Kalaallit Nunaat high arctic tundra	NA1112	691	802	802
Low Arctic tundra	NA1114	550	803	803
Middle Arctic tundra	NA1115	578	804	804
Ogilvie-MacKenzie alpine tundra	NA1116	579	805	805
Tornat Mountain tundra	NA1118	763	806	806
Cocos Island moist forests	NT0116	812	807	807
Fernando de Noronha-Atol das Rocas moist forests	NT0123	813	808	808
Trindade-Martin Vaz Islands tropical forests	NT0172	814	809	809
San F�lix-San Ambrosio Islands temperate forests	NT0403	817	810	810

Clipperton Island shrub and grasslands	NT0705	818	811	811
Caribbean shrublands	NT1305	372	812	812
Malpelo Island xeric scrub	NT1311	819	813	813
St. Peter and St. Paul rocks	NT1318	820	814	814
Carolines tropical moist forests	OC0101	325	815	815
Central Polynesian tropical moist forests	OC0102	821	816	816
Eastern Micronesia tropical moist forests	OC0104	822	817	817
Kermadec Islands subtropical moist forests	OC0107	823	818	818
Marquesas tropical moist forests	OC0108	824	819	819
Rapa Nui subtropical broadleaf forests	OC0111	825	820	820
Society Islands tropical moist forests	OC0113	797	821	821
Tuamotu tropical moist forests	OC0115	800	822	822
Tubuai tropical moist forests	OC0116	798	823	823
Yap tropical dry forests	OC0204	723	824	824
Northwestern Hawaii scrub	OC0703	827	825	825
Novosibirsk Islands arctic desert	PA1109	769	826	826
Rock and Ice	Rock and Ice	222	827	827

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