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Cross-Chapter Paper 1: Biodiversity Hotspots Supplementary Material

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Table SMCCP1.1: The projected vulnerability of the terrestrial hotspots to climate warming* and loss of habitat derived from the current and future projected distributions of ~130,000 fungi, plants, invertebrates, and vertebrates (Warren et al., 2018a). For each hotspot there are two sets of columns: (a) the percentage of the hotspot classified as a remaining climatically suitable area (i.e., a refugium) based on climate alone, assuming all areas are equally suitable, at the given global average temperature scenarios; (b) the percent of natural land projected to be a climate refugium based on the ESA CCI 2015 satellite derived land-cover data which is a measure of how much of potential refugium 'space' might have already been lost owing to habitat conversion. The colours are: > 50% of the land as refugia - white; 30%-50% of the land - yellow; 17%-30% of the land - red and <17% - dark red. These thresholds were chosen based on the current Convention on Biological Diversity 2020 (Aichi) targets of 17% of the land protected, proposed targets of 30% of land protected, and the Global Deal for Nature suggested goals 30% and 50% land protected (Dinerstein et al., 2020). Numbered hotspots are mapped in Figure CCP1.1. *Projections were based on the averaged (50th percentile) impacts from 21 CMIP5 climate model patterns with no dispersal. Areas classified as snow or ice, bare rock or sand, or water are excluded from the analyses. Agricultural and urban land cover are considered unsuitable habitats for native biodiversity. The modelled spatial resolution was 20 km that was subsequently elevationally downscaled to 1 km. Warming levels were originally derived from the RCP2.6, 4.5, 6 and 8 scenarios and subsequently interpolated on a cell-by-cell basis to the temperatures listed following (Warren et al., 2018b) for more details on deriving the warming levels from specific RCP time points. The details of the modelling and caveats can be found in Warren et al. (2018a).

LABEL	0,5	1	1,5	2	2,5	3	3,5	4
Alaskan North Slope Coastal Tundra	97	88	86	82	76	64	55	48
	97	88	85	82	76	64	55	48
Albertine Rift Montane Forests	87	74	69	55	42	29	22	16
	41	33	31	24	18	13	10	8
Altai Sayan Montane Forests	89	81	79	69	56	43	35	25
	81	74	72	63	51	39	32	23
Amazon Orinoco Southern Caribbean Mangroves	99	70	47	7	1	0	0	0
	84	58	38	4	1	0	0	0
Amazon River and Flooded Forests	99	53	34	16	4	0	0	0
	95	52	34	16	4	0	0	0
Annamite Range Moist Forests	91	76	71	58	44	29	19	11
	77	66	62	51	39	26	18	11
Appalachian and Mixed Mesophytic Forests	99	98	97	90	61	10_	4	1

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	87	85	84	78	53	9	4	1
Arabian Highlands Woodlands and Shrublands	82	70	66	51	35	22	16	10
Triudian Triginarias Woodianas and Sin adianas	70	61	58	45	31	19	13	8
Atacama Sechura Deserts	88	77	74	63	54	46	43	38
	84	74	71	61	52	45	42	37
Atlantic Dry Forests	95	66	50	13	3	1	0	0
	55	41	33	11	2	0	0	0
Atlantic Forests	96	80	74	50	33	22	16	10
	57	50	47	34	24	17	13	9
Borneo Lowland and Montane Forests	97	90	87	62	33	18	13	8
	71	66	63	47 	30	17	12	8
California Chaparral and Woodlands	96	91	89	75	51	23	13	7
	76	73	71	63	44	22	13	7
Cameroon Highlands Forests	96 87	92	90	84	75	61 54	50	38
Canadian Boreal Taiga	99	83 89	82 82	76 59	68 38	54 20	45 13	34
Canadian Borear Targa	99	89	82	59	38	20	13	9
Canadian Low Arctic Tundra	100	98	97	89	71	52	36	20
Canadian Low Metic Tanara	100	98	97	89	71	52	36	20
Cardamom Mountains Moist Forests	89	63	50	25	14	8	5	3
	53	42	37	23	_14	8	5	3
Carnavon Xeric Shrubs	96	54	42	16	2	0	0	0
	96	54	42	16	2	0	0	0
Caucasus Anatolian Hyrcanian Temperate Forests	71	53	48	35	24	16	11	8
	48	38	36	27	20	13	10	7
Central and Eastern Miombo Woodlands	92	35	Ž5	11	3	1	0	0
	78	28	21	9	2	1	0	0
Central and Eastern Siberian Taiga	87	67	62	48	40	33	29	24
	83	67	62	48	40	33	29	24
Central Andean Dry Puna	99	99	98	97	95	90	86	78
	98	97	97	96	94	89	85	77
Central Andean Yungas	83	69	66	57 52	49	40	36	31
Central Asian Deserts	77 99	64 62	61 41	53 17	45 7	37	32	28
Central Asian Deserts	79	52	35	16	6	0	0	0
Central Congo Basin Moist Forests	100	85	68	23	8	3	1	0
Contair Congo Dasin Wood Totolog	92	78	62	21	7	3	1	0
Central Range Subalpine Grasslands	100	100	100	99	99	99	98	98
	98	98	98	98	97	97	97	96
Cerrado Woodlands and Savannas	89	36	24	6	2	1	0	0
	50	22	15	4	1	0	0	0
Chhota Nagpur Dry Forests	93	59	47	25	5	1	0	0
	21	15	12	6	3	1	0	0
Chihuahuan Tehuacán Deserts	97	92	90	74	37	9	3	1
	91	86	84	69	35	8	3	1
Chilean Matorral	95	90	87	75	55	33	24	15
	79	74	73	64	48	31	23	15
Chiquitano Dry Forests	89	18	8	2	T	0	0	0
Chao's Davida Maint Faranta	67	20	7.	2 56	28	0	0	0
Chocó Darién Moist Forests	93	80	74	56	28	6	3	1

Chukhote Coastal Tundra	FINAL DRAFT C	CCP1 Supplementary Material			IPCC WGII Sixth Assessment Report					
Chukhote Coastal Tundra		64	55	51	38	19	5	3	1	
Coustal Venezuela Montane Forests 71 59 56 46 36 21 11 Congolian Coastal Forests 100 99 99 68 85 48 44 31 18 18 Daurian Mongolian Steppe 100 99 99 94 79 53 38 22 18 Davishensberg Montane Woodlands and Grasslands 79 76 76 76 76 76 76 76 76 76 76 76 70 56 38 22 18 Drakensberg Montane Woodlands and Grasslands 79 76 75 70 56 38 22 18 East African Acacia Savannas 94 73 64 38 20 9 18 25 14 92 16 37 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 <t< td=""><td>Chukhote Coastal Tundra</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>31</td></t<>	Chukhote Coastal Tundra								31	
Congolian Coastal Forests		92	78	73	60	49	41	37	31	
Congolian Coastal Forests	Coastal Venezuela Montane Forests	71	59	56	46	36	26	21	15	
Name		63	52	50	41	32	24	19	14	
Daurian Mongolian Steppe	Congolian Coastal Forests	100	99	99	96	85	48	34	19	
Total Crasser Montane Woodlands and Grasslands 77 76 76 72 60 40 28 19 Drakensberg Montane Woodlands and Grasslands 98 95 94 87 70 46 32 21 18 East African Acacia Savannas 94 73 64 38 20 9 5 3 East African Coastal Forests 99 97 95 76 47 4 42 2 East African Mangroves 100 96 90 47 23 1 0 0 East African Moorlands 99 99 98 97 74 48 9 0 Eastern Arc Montane Forests 87 79 77 66 51 31 21 10 Eastern Arc Montane Forests 87 79 77 66 51 31 21 10 Eastern Australia Temperate Forests 99 94 90 72 55 36 61		85	84	84	82	74	44	31	18	
Drukensberg Montane Woodlands and Grasslands 98 95 94 87 70 46 32 32 32 32 34 35 36 38 37 38 38 37 38 38 38	Daurian Mongolian Steppe	100	99	99	94	79	53	38	27	
East African Acacia Savannas		77	76	76	72	60	40	28	19	
East African Acacia Savannas 94 73 64 38 20 9 5 3 East African Coastal Forests 99 97 95 76 47 4 1 0 East African Mangroves 100 96 90 47 23 1 0 0 East African Moorlands 99 99 98 97 94 89 85 80 0 0 East African Moorlands 99 99 98 97 94 89 85 80 61 61 Eastern Arc Montane Forests 87 79 77 66 51 31 16 62 51 31 16 64 44 37 29 19 11 16 44 43 7 29 19 11 16 44 43 7 29 11 16 62 51 31 16 62 52 52 52 12 12<	Drakensberg Montane Woodlands and Grass	lands 98	95	94	87	70			21	
East African Coastal Forests 62 51 47 29 16 7 4 2 East African Coastal Forests 99 97 95 76 47 4 4 0 East African Mangroves 100 96 90 47 23 1 0 0 East African Moorlands 99 99 98 97 94 89 85 80 Eastern Arc Montane Forests 87 79 77 66 51 31 21 16 Eastern Australia Temperate Forests 99 94 90 72 55 36 25 15 Eastern Deccan Plateau Moist Forests 69 65 63 34 42 29 21 10 Eastern Himalayan Alpine Meadows 98 97 97 96 95 94 94 93 92 91 90 94 92 91 90 98 97 97 96 95 94 </td <td></td> <td>79</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>27</td> <td>18</td>		79						27	18	
East African Coastal Forests 99 97 95 76 47 4 1 0 East African Mangroves 100 96 90 47 23 1 0 0 East African Moorlands 99 99 98 97 94 89 85 80 Eastern Arc Montane Forests 87 79 77 66 51 31 10	East African Acacia Savannas	94				20	9	5	3	
East African Mangroves 100 96 90 47 23 1 0 0 East African Moorlands 99 99 98 97 94 89 85 80 East African Moorlands 99 99 98 97 94 89 85 80 Eastern Arc Montane Forests 87 79 77 66 51 31 21 16 Eastern Australia Temperate Forests 99 94 90 72 55 36 22 15 Eastern Deccan Plateau Moist Forests 89 59 50 24 7 2 1 6 Eastern Himalayan Alpine Meadows 98 97 97 96 95 94 92 94 92 94 92 94 92 94 92 94 92 94 92 94 92 94 92 94 92 94 92 94 92 94 92 94							7	4	2	
East African Mangroves 100 96 90 47 23 1 0 6 East African Moorlands 99 99 98 97 94 89 85 80 Eastern Arc Montane Forests 87 79 70 69 68 65 63 61 Eastern Arc Montane Forests 87 79 77 66 51 31 21 10 Eastern Australia Temperate Forests 99 94 90 72 55 36 25 15 Eastern Deccan Plateau Moist Forests 89 59 50 24 72 2 1 0 Eastern Himalayan Alpine Meadows 98 97 97 97 96 95 94 92 99 99 94 93 92 91 90 98 99 94 94 93 92 91 90 98 98 94 94 93 92 91 90 98	East African Coastal Forests						4		0	
East African Moorlands 72 71 65 37 12 0 0 East African Moorlands 99 99 98 97 94 89 85 80 Eastern Arc Montane Forests 87 79 77 66 51 31 21 16 Eastern Australia Temperate Forests 99 94 90 72 55 36 25 15 Eastern Deccan Plateau Moist Forests 89 65 63 54 42 29 21 13 Eastern Himalayan Alpine Meadows 98 97 97 97 96 95 94 94 93 92 91 90 89 Eastern Himalayan Broadleaf and Conifer Fotests 84 78 77 72 65 58 33 48 Eastern Himalayan Broadleaf and Conifer Fotests 84 78 77 72 65 58 33 48 Eastern Himalayan Broadleaf and Conifer Fotests 84 78							3	0	0	
East African Moorlands 99 99 98 97 94 89 85 80 Eastern Arc Montane Forests 87 79 77 66 51 31 21 16 Eastern Australia Temperate Forests 99 94 90 72 55 36 25 15 Eastern Deccan Plateau Moist Forests 89 59 50 24 7 2 1 0 Eastern Himalayan Alpine Meadows 98 97 97 96 95 94 94 93 92 91 90 89 Eastern Himalayan Alpine Meadows 98 97 97 96 95 94 94 93 92 91 90 89 Eastern Himalayan Broadleaf and Conifer Forests 84 78 77 72 65 58 53 48 Ethiopian Highlands 92 86 84 77 76 53 44 35 European Mediterranean Montane Forests <td>East African Mangroves</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td></td>	East African Mangroves							0		
Fastern Are Montane Forests									Ü	
Restern Arc Montane Forests 87	East African Moorlands									
Eastern Australia Temperate Forests	E . A M . E .									
Eastern Australia Temperate Forests	Eastern Arc Montane Forests									
Eastern Deccan Plateau Moist Forests	E. Maria Araba I'. Tanan and E									
Eastern Deccan Plateau Moist Forests 89 59 50 24 7 2 1 0	Eastern Australia Temperate Forests					*				
Eastern Himalayan Alpine Meadows 98 97 97 96 95 94 92 Eastern Himalayan Broadleaf and Conifer Forests 84 78 77 72 65 58 53 48 Eastern Himalayan Broadleaf and Conifer Forests 84 78 77 72 65 58 53 48 Ethiopian Highlands 92 86 84 77 66 53 44 35 European Mediterranean Montane Forests 73 54 50 38 28 20 16 12 Everglades Flooded Grasslands 100 100 100 76 11 0 0 0 Everglades Flooded Grasslands 100 100 76 11 0 0 0 0 Fenno Scandia Alpine Tundra and Taiga 100 99 99 99 98 96 93 85 Fynbos 97 94 92 83 71 54 41 29	Factory Dagger Platony Moist Forests					42		1		
Eastern Himalayan Alpine Meadows 98 97 97 96 95 94 92 Eastern Himalayan Broadleaf and Conifer Forests 84 78 77 72 65 58 53 48 Ethiopian Highlands 92 86 84 77 66 53 44 35 European Mediterranean Montane Forests 73 54 50 38 28 20 16 12 Everglades Flooded Grasslands 100 48 45 35 27 19 15 11 Everglades Flooded Grasslands 100 100 100 76 11 0 0 0 Fenno Scandia Alpine Tundra and Taiga 100 99 99 98 96 93 85 Fynbos 97 94 92 83 71 54 41 29 Galápagos Islands Scrub 97 94 92 89 78 57 35 22 15 Great Sa	Eastern Deccan Flateau Moist Polests					, , , , , , , , , , , , , , , , , , ,		1		
Eastern Himalayan Broadleaf and Conifer Forests	Fastern Himalayan Alpine Meadows							94		
Eastern Himalayan Broadleaf and Conifer Forests	Lastern Trimatayan Alpine Meadows									
Ethiopian Highlands 92 86 84 77 66 53 44 35 35 32 31 27 22 17 13 10 10 10 100 100 100 100 100 100 100	Fastern Himalayan Broadleaf and Conifer Fo									
Ethiopian Highlands 92 86 84 77 66 53 44 35 35 32 31 27 22 17 13 10 European Mediterranean Montane Forests 73 54 50 38 28 20 16 12 60 48 45 35 27 19 15 11 Everglades Flooded Grasslands 100 100 100 76 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Eustern Finnarayan Broadfear and Conner 1 o									
European Mediterranean Montane Forests 73	Ethiopian Highlands									
European Mediterranean Montane Forests 73 54 50 38 28 20 16 12 60 48 45 35 27 19 15 11 Everglades Flooded Grasslands 100 100 100 76 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Zimepian ringiniano									
Everglades Flooded Grasslands	European Mediterranean Montane Forests									
Everglades Flooded Grasslands 100 100 100 76 11 0 0 0 Fenno Scandia Alpine Tundra and Taiga 100 99 99 99 98 96 93 85 Fynbos 97 94 92 83 71 54 41 29 Fynbos 97 94 92 83 71 54 41 29 Galápagos Islands Serub 97 92 89 78 57 35 22 15 Great Sandy Tanami Central Ranges Desert 96 27 18 6 0 0 0 0 Greater Antillean Moist Forests 83 67 62 41 22 12 9 5 Greater Antillean Pine Forests 88 82 81 72 46 35 30 25 Greater Sundas Mangroves 100 99 98 78 18 0 0 0 62 62										
Fenno Scandia Alpine Tundra and Taiga 100 99 99 99 99 98 96 93 85 85 98 98 98 97 97 95 92 84 96 97 97 95 92 84 97 97 95 92 84 97 97 95 92 84 97 97 95 92 85 97 97 95 92 85 97 97 95 92 85 97 97 95 92 85 97 97 95 92 85 97 97 95 92 85 97 97 95 92 85 97 97 95 92 85 97 97 95 92 85 97 97 95 92 85 97 97 95 92 85 97 97 95 92 85 97 97 95 92 85 97 97 95 92 85 97 97 95 92 85 97 97 95 92 85 97 8 97 95 92 85 97 8 97 95 92 85 97 8 97 97 92 87 97 92 87 97 92 87 97 92 87 97 92 87 97 92 87 97 92 87 97 92 87 97 92 87 97 92 87 97 92 87 97 92 87 97 92 87 97 92 87 97 92 87 97 92 87 97 92 87 97 92 87 97 92 87 97 97 97 97 97 97 97 97 97 97 97 97 97	Everglades Flooded Grasslands									
Fynbos 98 98 98 97 97 95 92 84 Fynbos 97 94 92 83 71 54 41 29 72 70 69 65 57 47 37 28 Galápagos Islands Scrub 97 92 89 78 57 35 22 15 Great Sandy Tanami Central Ranges Desert 96 27 18 6 0 0 0 0 Greater Antillean Moist Forests 83 67 62 41 22 12 9 5 Greater Antillean Pine Forests 88 82 81 72 46 35 30 25 Greater Sundas Mangroves 100 99 98 78 18 0 0 0 62 62 61 48 11 0 0 0							0	0	0	
Fynbos 97 94 92 83 71 54 41 29 Galápagos Islands Scrub 97 92 89 65 57 47 37 28 Galápagos Islands Scrub 97 92 89 78 57 35 22 15 93 88 86 74 54 33 21 14 Great Sandy Tanami Central Ranges Desert 96 27 18 6 0 0 0 0 Greater Antillean Moist Forests 83 67 62 41 22 12 9 5 Greater Antillean Pine Forests 88 82 81 72 46 35 30 25 Greater Sundas Mangroves 100 99 98 78 18 0 0 0 Greater Sundas Mangroves 100 62 61 48 11 0 0 0	Fenno Scandia Alpine Tundra and Taiga	100	99	99	99	98	96	93	85	
Galápagos Islands Scrub 72 70 69 65 57 47 37 28 Galápagos Islands Scrub 97 92 89 78 57 35 22 15 93 88 86 74 54 33 21 14 Great Sandy Tanami Central Ranges Desert 96 27 18 6 0 0 0 0 Greater Antillean Moist Forests 83 67 62 41 22 12 9 5 Greater Antillean Pine Forests 88 82 81 72 46 35 30 25 Greater Sundas Mangroves 100 99 98 78 18 0 0 0 62 62 61 48 11 0 0 0		98	98	98	97	97	95	92	84	
Galápagos Islands Scrub 97 92 89 78 57 35 22 15 93 88 86 74 54 33 21 14 Great Sandy Tanami Central Ranges Desert 96 27 18 6 0 0 0 0 Greater Antillean Moist Forests 83 67 62 41 22 12 9 5 Greater Antillean Pine Forests 88 82 81 72 46 35 30 25 Greater Antillean Pine Forests 68 63 62 56 40 30 27 23 Greater Sundas Mangroves 100 99 98 78 18 0 0 0	Fynbos	97	94	92	83	71	54	41	29	
Great Sandy Tanami Central Ranges Desert 93 88 86 74 54 33 21 14 Greater Sandy Tanami Central Ranges Desert 96 27 18 6 0 0 0 0 0 Greater Antillean Moist Forests 83 67 62 41 22 12 9 5 Greater Antillean Pine Forests 88 82 81 72 46 35 30 25 Greater Sundas Mangroves 100 99 98 78 18 0 0 0 62 62 61 48 11 0 0 0	, ~	72	70	69	65	57	47	37	28	
Great Sandy Tanami Central Ranges Desert 96 27 18 6 0 0 0 0 96 27 18 6 0 0 0 0 Greater Antillean Moist Forests 83 67 62 41 22 12 9 5 61 50 46 33 20 11 8 5 Greater Antillean Pine Forests 88 82 81 72 46 35 30 25 68 63 62 56 40 30 27 23 Greater Sundas Mangroves 100 99 98 78 18 0 0 0 62 62 61 48 11 0 0 0	Galápagos Islands Scrub	97	92	89	78	57	35	22	15	
Greater Antillean Moist Forests 83 67 62 41 22 12 9 5 Greater Antillean Pine Forests 88 82 81 72 46 35 30 25 Greater Sundas Mangroves 100 99 98 78 18 0 0 0 62 62 61 48 11 0 0 0		93	88	86	74	54	33	21	14	
Greater Antillean Moist Forests 83 67 62 41 22 12 9 5 61 50 46 33 20 11 8 5 Greater Antillean Pine Forests 88 82 81 72 46 35 30 25 68 63 62 56 40 30 27 23 Greater Sundas Mangroves 100 99 98 78 18 0 0 0 62 62 61 48 11 0 0 0	Great Sandy Tanami Central Ranges Desert	96	27	18	6	0	0	0	0	
Greater Antillean Pine Forests 61 50 46 33 20 11 8 5 Greater Antillean Pine Forests 88 82 81 72 46 35 30 25 68 63 62 56 40 30 27 23 Greater Sundas Mangroves 100 99 98 78 18 0 0 0 62 62 61 48 11 0 0 0		96	27	18	6	0	0	0	0	
Greater Antillean Pine Forests 88 82 81 72 46 35 30 25 68 63 62 56 40 30 27 23 Greater Sundas Mangroves 100 99 98 78 18 0 0 0 62 62 61 48 11 0 0 0	Greater Antillean Moist Forests	83	67	62	41	22	12	9	5	
Greater Sundas Mangroves 68 63 62 56 40 30 27 23 62 62 61 48 11 0 0 0		61	50	46	33	20	11	8	5	
Greater Sundas Mangroves 100 99 98 78 18 0 0 0 62 62 62 61 48 11 0 0 0	Greater Antillean Pine Forests	88	82	81	72	46	35	30	25	
62 62 61 48 11 0 0 0		68	63	62	56	40	30	27	23	
	Greater Sundas Mangroves	100	99	98	78	18	0	0	0	
Guianan Highlands Moist Forests 76 42 35 21 13 7 5 3		62	62	61	48	11	0	0	0	
	Guianan Highlands Moist Forests	76	42	35	21	13	7	5	3	

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	75	42	35	21	13	7	5	3
Guianan Moist Forests	90	26	11	2	1	0	0	0
	89	25	11	2	1	0	0	0
Guinean Moist Forests	100	99	99	97	91	57	33	14
	28	27	27	26	24	16	11	6
Gulf of Guinea Mangroves	100	100	100	99	92	16	3	0
	81	81	81	81	75	12	2	0
Hawaii Dry Forest	98	95	93	86	75	62	56	50
	79	77	76	71	65	55	50	45
Hawaii Moist Forest	100	100	99	99	96	85	77	68
	86	86	86	85	83	76	69	62
Hengduan Shan Conifer Forests	90	86	85	82	78	73	70	66
	80	78	77	75	72	68	65	61
Horn of Africa Acacia Savannas	97	92	88	67	33	10	4	
	90	85	82	62	30	10	4	1
Indochina Dry Forests	94	54	32	8	3		0	0
	29	22	16	6	2 .		0	0
Kamchatka Taiga and Grasslands	100	100	99	97	92	84	76	65
R 1R T 'M'.F	99	99	99	96	92	84	76	64
Kayah Karen Tenasserim Moist Forests	79	57	48	28	16	8	5 5	2
Kinabalu Montane Shrublands	56 98	42 95	38 94	26 89	81	8 67	57	2
Kinabalu Montane Shrublands	81		78		70	61	53	46 44
Klamath Siskiyou Coniferous Forests	92	85	83	74	60	43	33	23
Kiamath Siskiyot Connerous Polests	86	81	79	70	58	42	33	22
Llanos Savannas	98	66	42	5	0	0	0	0
Lianos Savannas	87	57	36	5	0	0	0	0
Lord Howe and Norfolk Island Forests	100	100	100	100	100	34	23	23
Bord from and rection island received	94	94	94	94	94	34	23	23
Madagascar Dry Forests	98	94	91	73	34	5	2	1
Transgastar 21) Tertel	91	87	85	70	33	5	2	1
Madagascar Forests and Shrublands	97	91	88	77	65	51	40	25
	78	72	69	59	48	36	29	19
Madagascar Mangroves	100	100	100	97	68	1	0	0
	87	87	87	84	59	1	0	0
Madagascar Spiny Thicket	98	85	78	47	18	2	0	0
	89	78	71	41	15	1	0	0
Mediterranean Forests Woodlands and Sc	rub 80	51	43	23	12	6	4	2
, ~~	34	24	21	14	8	4	3	2
Mesoamerican Pine Oak Forests	83	74	72	64	54	43	36	26
	70	63	61	54	45	36	30	22
Middle Asian Montane Woodlands and Sto	eppe 76	62	56	44	35	27	22	18
	52	44	41	35	29	22	19	15
Moluccas Moist Forests	94	82	78	58	37	21	14	9
	87	77	73	56	36	21	14	8
Muskwa Slave Lake Boreal Forests	96	86	80	57	32	15	8	4
	96	86	80	57	32	15	8	4
Naga Manapuri Chin Hills Moist Forests	84	62	56	42	32	22	17	12
	75	58	53	40	30	21	16	11
Namib Karoo Kaokoveld Deserts and Shru	ıblands 96	73	62	35	16	6	3	1

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	94	72	61	35	16	6	3	1	
Nansei Shoto Archipelago Forests	100	100	100	99	98	86	60	35	
1 0	61	61	61	60	59	56	47	32	
Napo Moist Forests	91	45	31	13	7	2	1	1	
	87	45	31	13	7	2	1	1	
New Caledonia Dry Forests	100	99	99	95	84	28	8	3	
	50	50	50	47	43	17	6	2	
New Caledonia Moist Forests	100	100	99	98	92	77	63	38	
N. 6 : N	86	86	85	84	80	69	57	34	
New Guinea Mangroves	99	91	72	20	6	0	0	0	
New Guinea Montane Forests	95 93	88 85	71 81	20 72	65	0 56	51	45	
New Guillea Wolltaile Polests	95 85	78	75	67	60	52	47		
New Zealand Temperate Forests	100	99	99	97	91	67	45	26	
New Zealand Temperate Polests	97	97	96	94	88	66	45	25	
North Indochina Subtropical Moist Forests	78	65	62	49	36	23	17	11	
1.01.01.11.00.01.00.00.00.00.1.01.00.00.	53	45	43	36	27	18	14	9	
Northeastern Congo Basin Moist Forests	98	84	70	26	8	1	0	0	
S	85	72	60	22	7	1	0	0	
Northern Andean Montane Forests	85	78	76	69	61	52	46	40	
	75	68	67	61	54	45	40	35	
Northern Andean Páramo	99	99	99	99	98	97	96	95	
	90	90	90	89	89	88	87	86	
Northern Australia and Trans Fly Savannas	100	88	82	58	25	2	0	0	
	99	87	81	57	25	2	0	0	
Northern Prairies	100	93	83	38	17	2	0	0	
	68	64	59	32	14	1	0	0	
Nusu Tenggara Dry Forests	94	85	81	67	50	33	25	18	
	33	31	30	27	22	17	13	10	
Pacific Temperate Rainforests	92	86	84	76 	63	43	30	19	
	91	86	84	75	62	42	30	19	
Palawan Moist Forests	89	75	70	39	20	11	8	5	
Pantanal Flooded Savannas	54 98	47 65	22	30	18	10	8	5	
Fantanai Flooded Savannas	98	63 61	21	1	0	0	0	0	
Patagonian Steppe	99	97	95	84	63	38	29	22	
Tatagonian Steppe	98	95	93	83	62	37	28	21	
Peninsular Malaysia Lowland and Montane I		77	70	46	24	11	9	6	
	46	39	36	26	17	11	8	6	
Philippines Moist Forests	90	74	66	42	27	16	13	9	
	32	28	26	20	15	10	8	6	
Queensland Tropical Forests	97	93	89	71	43	23	15	8	
-	80	76	74	59	38	21	14	8	
Rann of Kutch Flooded Grasslands	100	21	17	8	0	0	0	0	
	92	20	16	7	0	0	0	0	
Rio Negro Juruá Moist Forests	98	55	40	18	2	0	0	0	
	97	54	39	18	2	0	0	0	
Russian Far East Broadleaf and Mixed Fores		100	100	100	99	96	93	88	
	97	97	97	96	96	93	91	86	
Seychelles and Mascarenes Moist Forests	100	100	100	99	96	91	85	75	

	47	47	47	47	47	46	44	42
Sierra Madre Oriental and Occidental Pine Oak Fo	93	87	85	75	59	38	28	18
	91	85	83	73	58	37	27	18
Sierra Nevada Coniferous Forests	90	84	81	72	56	38	28	18
	88	83	80	71	55	38	28	18
Socotra Island Desert	99	94	92	83	68	50	38	25
	91	86	84	76	61	44	33	22
Solomons Vanuatu Bismarck Moist Forests	94	83	79	61	42	28	22	15
	91	81	77	60	41	27	21	15
Sonoran Baja Deserts	98	95	93	84	60	22	10	4
	92	89	87	78	56	21	10	4
South American Pacific Mangroves	96	68	56	31	14	0	0	0
	82	59	49	29	14	0		0
Southeast China Hainan Moist Forests	86	62	51	27	15 13	7	4	2
Southeastern Conifer and Broadleaf Forests	44 100	35	32	21		24	4	2
Southeastern Confler and Broadleaf Forests	84	100 84	100 84	100	76 63	24	1	0
Southern Australia Mallee and Woodlands	100	66	53	29	16	9	5	2
Southern Australia Marice and Woodiands	54	25_	19	12	8	6	4	2
Southern Mexican Dry Forests	86	78	75	64	47	26	15	6
Southern Wextean Dig Forests	60	54	52	44	33	18	11	5
Southern New Guinea Lowland Forests	96	81	64	26	8	3	2	1
	91	77	61	26	8	3	2	1
Southern Pacific Islands Forests	100	100	100	100	97	84	69	50
	62	62	62	62	60	54	46	35
Southern Rift Montane Woodlands	90	79	75	59	43	27	18	11
<i>~</i>)	55	48	46	39	29	19	14	8
Southwest China Temperate Forests	87	65	56	37	25	16	12	8
	42	37	35	29	22	14	10	7
Southwestern Amazonian Moist Forests	94	19	10	2	0	0	0	0
	87	19	10	2	0	0	0	0
Southwestern Australia Forests and Scrub	96	50	40	19	10	6	4	2
	62	31	25	11	7	5	3	2
Southwestern Ghats Moist Forest	90	81	76	62	47	34	26	20
	58	54	52	45	38	29	22	17
Sri Lankan Moist Forest	96	91	89	73	44	31	26	21
	66	62	60	51	35	24	20	16
Sudanian Savannas	98	91	87	71	58	47	42	36
Sudd Sahelian Flooded Grasslands and Savannas	82 100	76	73	59 70	46 72	37 51	32	27
Sudd Saherian Flooded Grassiands and Savannas	86	90 81	83 77	79 74	68	51 47	29 27	8
Sulawesi Moist Forests	87	75	71	57	43	31	26	21
Sulawesi Moist Polests	59	53	52	44	36	28	24	19
Sumatran Islands Lowland and Montane Forests	95	33 87	83	57	29	20	17	14
Samatan Islands Lowidia and Montane 1 010818	43	39	38	31	22	17	14	12
Sundarbans Mangroves	100	99	90	56	22	0	0	0
	41	41	40	36	11	0	0	0
Taimyr and Russian Coastal Tundra	73	44	39	28	19	12	9	5
,	72	44	39	28	19	12	8	5
Taiwan Montane Forests	99	91	84	71	63	54	49	44

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	63	62	61	58	55	50	46	42	
Talamancan Isthmian Pacific Forests	98	96	96	93	89	83	78	72	
	91	89	88	86	82	77	72	66	
Tasmanian Temperate Rainforests	100	100	100	100	99	95	90	77	
-	89	89	89	89	89	86	82	72	
Terai Duar Savannas and Grasslands	84	19	5	1	1	0	0	0	
	17	7	4	1	1	0	0	0	
Tibetan Plateau Steppe	98	97	97	95	94	91	90	87	
	90	90	89	89	87	85	84	82	
Tumbesian Andean Valleys Dry Forests	72	52	47	33	23	12	8	6	
	52	40	36	26	18	10	7	5	
Ural Mountains Taiga and Tundra	94	81	78	65	23	3	1	0	
	90	78	75	63	22	3	1	0	
Valdivian Temperate Rain Forests Juan Fer	rnánde 97	94	94	90	83	74	67	58	
	87	85	84	81	75	67	61	53	
Western Congo Basin Moist Forests	100	92	82	47	25	6	2	0	
	93	86	77	43	23	6	2	0	
Western Himalayan Temperate Forests	67	52	48	42	37	31	27	23	
	44	40	39	35	31	26	23	20	
Western Java Montane Forests	93	84	81	71	57	43	35	28	
	47	44	43	39	33	26	22	18	
Zambezian Flooded Savannas	97	11	6	1>1	0	0	0	0	

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