

Table S2. Maximum value estimates for 22 ecosystem services across 13 biomes (in Int.\$/ha/year, 2007 price levels (2009 price levels for [82]))*

Ecosystem Services	Open oceans	Coral reefs	Coastal systems	Coastal wetlands	Inland wetlands	Lakes and Rivers (Freshwater)	Tropical forests	Temperate and boreal forests	Woodlands	Grasslands	Cropland	Urban
Provisioning	22 102 106	20,892 55,724 57,953	7,549 2,396 2,492	8,289 2,998 3,117	9,709 1,659 1,726	5,776 1,914 1,991	9,384 1,828 1,901	1,736 671 698	862 253 264	715 1,305 1,358	372 3,984	
1. Food	22 93 97	3,752 677 704	7,517 2,384 2,479	2,600 1,111 1,155	2,090 614 639	196 106 110	1,204 200 208	1,204 299 311	203 52 54	82 1,192 1,240	302 2,323	
2. Freshwater supply				4,240 1,217 1,266	5,189 408 424	5,580 1,808 1,880	875 27 28	455 191 199		602 60 62	50 400	
3. Raw materials	8 8	16,792 21,528 22,389	32 12 12	1,414 358 372	2,430 425 442		3,273 84 87	54 181 188	659 170 177	31 53 55	21 219	
4. Genetic resources		33,048 34,370		10 10			1,799 13 14				1,042	
5. Medicinal resources				301 313	99 103		1,782 1,504 1,564	23		1 1		
6. Ornamental resources		348 472 491		35 114 119					32 33			
Regulating	62 65 68	33,640 171,478 178,337	30,451 25,847 26,881	135,361 171,515 178,376	23,018 17,364 18,058	4,978 187 194	7,135 2,529 2,630	456 491 512	1,088 51 53	2,067 159 165	713 970	2,331 921
7. Influence on air quality							957 12 12				61	492
8. Climate regulation	55 65 68	1,188 1,236	479 498	4,677 65 68	351 488 508		761 2,044 2,126	376 152 158	387 7 7	1,661 40 42	95 411	1,561 905
9. Moderating extreme events		33,556 16,991 17,671		9,729 5,351 5,565	4,430 2986 3,105		340 66 69					
10. Regulation of water flows					9,369 5606 5830	194	36 342 356	3			56	278 16

11. Waste treatment/water purification		77		120,200	4,280	4,978	665	77	701	358	202	
		85		162,125	3015	187	6	7		75	397	
		88		168,610	3,316		6	7		78		
12. Erosion prevention		153,214	25,368	755	2607		3,211	5	13	47	128	
		159,343	26,383	3,929	2,711		15	5	14	44	107	
				4,086			16			46		
13. Nutrient cycling			30,451	45	4,588		1,067	93			119	
				47	1,713		3	97				
					1,782		3					
14. Pollination							99		31		33	
							30		32		22	
							31					
15. Biological control	7	7			948		11	235			20	
					986		11	244			33	
Habitat	5	56,137	164	68,795	3,471		5,277	2575	1,277	298	101	
	5	16,210	375	17,138	2,455		39	862	1,327	1,214		
		16,858	389	17,824	2,553		41	896		1,263		
16. Life cycle maintenance			164	59,645	917		16		1,273		36	
			194	10,648	1,287		17		1,324			
			202	11,074	1,338							
17. Gene pool protection	5	56,137	180	9,150	2,554		5,277	2575	3	298	64	
	5	16,210	187	6,490	1,168		23	862	3	1,214		
		16,858		6,750	1,215		24	896		1,263		
Cultural	319	1,084,809	41,416	2,904	8,399	2,733	1,426	96	7	11	19	2,469
	332	108,837	300	2,193	4,203	2,166	867	990	7	193	82	5,740
		113,190	311	2,281	4,371	2,253	902	1,030		27		
18. Aesthetic information		27,317			3,906					167	15	2,016
		11,390			1,292					174		
		11,846			1,344							
19. Recreation and tourism	319	1,057,492	41,416	2,904	3,700	2,733	1,426	96	7	11	4	453
	332	96,302	256	2,193	2,211	2,166	867	989	7	26	82	5,740
		100,154	266	2,281	2,299	2,253	902	1,029		27		
20. Inspiration (art, design)					793							
					700							
					728							
21. Spiritual			21									
			22									
22. Cognitive development (education and research)		1,145	22					1				
		1,191	23					1				
Total Economic	84	1,195,478	79,580	215,349	44,597	13,487	23,222	4,863	1,950	3,091	1,205	4,800

Value (Total of Service Mean Values)	491 511	352,249 366,339	28,918 30,073	193,844 201,598	25,681 26,708	4,267 4,438	5,264 5,474	3,013 3.135	1,588 1,652	2,871 2,986	5,036	6,661
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*Black (source: [7]), Red (source: [59]), Blue (source: [82]), Green (source: [14])