

Supplementary material

Appendix 1. Indices of taxonomic and functional organization of biodiversity, including estimates of species richness (R) and Shannon diversity (D), grouped by river basin.

Scale	Taxonomic		Functional	
	R	D	R	D
Texas	97.00	20.47	15.00	5.44
Brazos River Basin	42.00	9.30	14.00	5.19
Big Creek	15.00	4.83	10.00	3.71
Bluff Creek	7.00	3.35	7.00	3.35
Colony Creek	13.00	6.31	9.00	2.87
Cottonwood Creek	11.00	2.58	8.00	2.49
Cowhouse Creek	11.00	5.73	7.00	3.14
Deadman Creek	11.00	4.03	6.00	3.56
Deer Creek	14.00	4.69	9.00	3.75
Ioni Creek	10.00	5.13	7.00	3.92
Mill Creek	18.00	6.07	9.00	2.50
Neils Creek	14.00	3.80	8.00	3.05
Oatmeal Creek	7.00	3.82	7.00	3.82
Ponds Creek	13.00	1.98	8.00	1.81
Rocky Creek	13.00	4.28	7.00	3.84
Steele Creek	13.00	3.86	9.00	3.40
Willis Creek	9.00	2.47	7.00	2.38
Brazos-Colorado River Basin	16.00	2.83	9.00	2.50
West Bernard Creek	16.00	2.83	9.00	2.50
Canadian River Basin	8.00	4.91	6.00	2.77
Wolf Creek	8.00	4.91	6.00	2.77
Colorado River Basin	34.00	10.67	13.00	4.51
Barton Creek	10.00	6.11	6.00	4.97
Bluff Creek	9.00	5.56	6.00	4.44
Cummins Creek	21.00	3.91	10.00	2.93
Elm Creek	13.00	3.46	9.00	2.05
Little Barton Creek	11.00	4.26	8.00	3.84
Onion Creek	11.00	5.40	8.00	4.88
South Llano River	14.00	3.67	7.00	1.54

Spring Creek	12.00	3.66	7.00	2.63
West Rocky Creek	10.00	6.56	8.00	4.59
Colorado-Lavaca River Basin	12.00	2.15	8.00	2.07
West Carancahua Creek	12.00	2.15	8.00	2.07
Cypress Creek Basin	30.00	11.02	9.00	4.11
Black Cypress Creek	22.00	8.18	7.00	4.06
Frazier Creek	21.00	10.44	9.00	3.59
Little Cypress Creek	25.00	8.11	8.00	3.94
Guadalupe River Basin	20.00	7.89	9.00	3.55
Geronimo Creek	10.00	5.19	5.00	2.39
Little Blanco River	12.00	5.44	7.00	3.67
Lavaca River Basin	12.00	3.13	8.00	2.34
West Mustang Creek	12.00	3.13	8.00	2.34
Lavaca-Guadalupe River Basin	12.00	1.70	8.00	1.62
Arenosa Creek	9.00	1.53	6.00	1.46
Placedo Creek	9.00	1.77	7.00	1.73
Neches River Basin	32.00	16.25	10.00	5.19
Beech Creek	24.00	16.08	9.00	4.90
Piney Creek	22.00	6.72	10.00	4.00
Nueces River Basin	15.00	2.89	10.00	2.67
Metate Creek	8.00	2.33	7.00	2.27
San Miguel Creek	13.00	3.02	9.00	2.79
Red River Basin	13.00	3.56	9.00	2.88
Lelia Lake Creek	6.00	2.52	5.00	2.50
McClellan Creek	8.00	3.14	7.00	2.79
Saddlers Creek	7.00	3.13	5.00	2.85
Whitefish Creek	6.00	1.88	5.00	1.63
Rio Grande Basin	38.00	13.42	13.00	5.64
Alamito Creek	9.00	3.09	7.00	2.90
Devils River	12.00	2.63	6.00	1.79
Independence Creek	12.00	2.98	8.00	2.76
Live Oak Creek	8.00	1.78	6.00	1.69
Pinto Creek	14.00	5.23	7.00	3.63
Sycamore Creek	21.00	9.45	11.00	5.66
Terlingua Creek	10.00	4.07	6.00	3.07
Sabine River Basin	37.00	17.84	10.00	4.74
Big Cypress Creek	25.00	8.97	9.00	4.73
Irons Bayou	21.00	12.97	8.00	4.15
White Oak Creek	20.00	9.34	8.00	3.36

San Antonio River Basin	14.00	4.94	7.00	2.15
Medina River	14.00	4.94	7.00	2.15
San Jacinto River Basin	30.00	9.75	9.00	3.88
East Fork of the San Jacinto River	22.00	9.67	8.00	4.15
Lake Creek	23.00	6.82	8.00	3.26
Sulpher River Basin	11.00	2.62	8.00	2.32
Auds Creek	11.00	2.62	8.00	2.32
Trinity River Basin	38.00	17.90	12.00	5.64
Catfish Creek	23.00	13.11	10.00	4.41
Clear Creek	16.00	5.64	11.00	3.79
Keechi Creek	17.00	9.90	9.00	5.20
Wheelock Creek	16.00	8.67	9.00	4.99
Wilson Creek	13.00	6.86	9.00	5.09
