Table S2. Estimates of Evolutionary Divergence over Sequence Pairs between Groups. The number of base substitutions per site from averaging over all sequence pairs between groups are shown. Standard error estimate(s) are shown above the diagonal. Species corresponding to the groups are listed

	Gp_1	Gp_2	Gp_3	Gp_4	Gp_5	Gp_6	Gp_7	Gp_8	Gp_9	Gp_10	Gp_11	Gp_12	Gp_13	Gp_14	Gp_15	Gp_16	Gp_17	Gp_18	Gp_19	Gp_20	Gp_21	Gp_23
Gp_1		2.12	1.65	1.99	1.96	2.59	1.59	1.80	2.05	1.74	1.74	1.73	1.75	2.08	2.35	1.81	1.71	1.75	1.75	2.29	1.75	1.63
Gp_2	21.70		1.63	1.92	1.51	1.53	1.76	1.55	1.51	1.43	1.62	1.58	1.57	1.61	0.91	1.96	1.15	1.85	1.45	2.08	1.69	1.55
Gp_3	19.73	13.87		1.20	1.46	1.98	1.15	1.66	1.53	0.83	0.92	1.13	1.25	1.80	2.07	1.80	1.32	1.08	0.87	1.61	1.37	1.06
Gp_4	21.46	15.09	7.86		1.50	1.98	1.29	1.62	1.61	1.14	1.19	1.35	1.40	1.84	2.13	1.83	1.67	1.45	1.15	2.04	1.57	1.27
Gp_5	18.47	12.67	12.25	12.90		1.90	1.63	1.61	1.59	1.30	1.54	1.53	1.57	1.76	1.88	1.67	1.45	1.61	1.30	1.90	1.70	1.46
Gp_6	21.37	12.04	13.49	14.20	11.33		1.99	1.68	1.67	1.79	2.00	1.82	1.85	1.87	1.70	2.49	1.46	2.11	1.79	2.13	1.98	2.21
Gp_7	19.13	15.28	9.05	9.67	13.12	12.80		1.53	1.70	1.11	1.23	1.31	1.39	1.69	1.83	1.73	1.37	1.30	1.12	1.72	1.44	1.29
Gp_8	18.53	13.77	13.25	13.33	12.41	8.66	12.03		1.60	1.53	1.48	1.58	1.78	1.82	1.57	1.79	1.28	1.50	1.50	1.85	1.69	1.64
Gp_9	18.90	13.05	12.32	14.68	12.16	8.91	14.46	10.67		1.44	1.59	1.56	1.72	1.58	1.58	1.88	1.24	1.63	1.47	1.82	1.54	1.55
Gp_10	18.38	12.86	7.03	7.89	9.98	11.23	8.37	10.60	11.53		1.11	1.12	1.01	1.52	1.68	1.65	1.34	1.23	0.30	1.81	1.20	0.99
Gp_11	19.48	13.65	6.48	7.47	12.48	13.36	9.66	12.42	12.81	8.91		1.09	1.15	1.83	1.80	1.72	1.55	1.24	1.10	1.67	1.38	1.24
Gp_12	18.73	14.96	8.72	10.55	11.11	12.29	8.45	12.26	13.69	7.98	8.27		1.21	1.56	1.69	1.61	1.42	1.18	1.14	1.79	1.33	1.20
Gp_13	19.67	14.88	9.09	10.04	13.60	13.08	9.26	13.84	13.80	8.25	9.69	8.80		1.77	1.88	1.78	1.53	1.43	1.03	1.78	1.36	1.27
Gp_14	19.16	13.96	13.46	14.96	12.85	10.37	13.45	12.88	11.34	11.44	13.61	11.44	12.62		1.70	1.97	1.41	1.56	1.56	2.07	1.64	1.79
Gp_15	20.93	7.63	13.57	14.29	13.66	10.54	13.35	11.40	10.59	12.21	12.71	13.92	14.21	11.69		2.04	1.39	1.80	1.67	2.26	1.85	1.82
Gp_16	19.46	18.13	15.75	16.65	15.84	18.46	15.28	16.70	15.95	15.74	15.88	15.38	17.15	17.70	16.47		1.66	1.56	1.66	1.83	1.82	1.64
Gp_17	15.99	10.76	10.83	12.72	10.60	7.26	10.80	8.68	7.48	9.51	11.59	11.77	12.34	10.68	9.53	15.40		1.56	1.34	1.69	1.54	1.45
Gp_18	19.74	15.97	8.72	9.79	14.03	15.01	8.95	13.53	13.70	8.94	9.29	8.91	9.75	11.95	13.97	15.96	12.36		1.19	2.05	1.34	1.39
Gp_19	18.23	13.07	6.99	7.76	10.03	11.48	8.29	10.70	11.97	1.35	8.84	8.14	8.46	11.89	12.25	15.89	9.65	8.78		1.82	1.25	1.04
Gp_20	19.83	17.12	14.37	16.40	15.45	16.56	16.21	16.79	14.74	16.33	14.83	16.73	16.73	18.01	17.70	15.98	13.71	17.34	15.98		2.00	1.74
Gp_21	19.76	16.52	11.67	12.54	14.45	15.37	10.85	14.38	13.53	10.40	12.68	10.73	11.39	14.58	15.19	17.31	13.55	11.53	10.60	17.72		1.34
Gp_23	19.54	13.57	7.01	9.03	11.88	13.67	8.43	11.89	12.73	7.17	8.66	8.99	8.89	12.25	12.34	13.63	10.48	9.76	7.43	16.73	11.21	

Gp_1	Austrocoenagrion lyelli
Gp_2	Ceriagrion auranticum
Gp_3	Ceriagrion bakeri
Gp_4	Ceriagrion banditum
Gp_5	Ceriagrion cerinorubellum
Gp_6	Ceriagrion chaoi
Gp_7	Ceriagrion corallinum
Gp_8	Ceriagrion coromandelianum
Gp_9	Ceriagrion fallax
Gp_10	Ceriagrion glabrum
Gp_11	Ceriagrion junceum
Gp_12	Ceriagrion katamborae
Gp_13	Ceriagrion kordofanicum
Gp_14	Ceriagrion melanurum
Gp_15	Ceriagrion nipponicum
Gp_16	Ceriagrion obfuscans
Gp_17	Ceriagrion olivaceum
Gp_18	Ceriagrion sakejii
Gp_19	Ceriagrion suave
Gp_20	Ceriagrion tenellum
Gp_21	Ceriagrion whellani
Gp_23	Ceriagrion mourae