

Table 4 Diversity indexes in south and north part of Miangaran marsh in summer 2011

Biodiversity indexes	South part (more polluted)				North part (low-polluted)			
	July	August	September	Average	July	August	September	Average
Taxa_S	10	9	11	10	14	15	15	14.66
Individuals	187	650	1273	703.33	797	1180	1576	1184
Dominance_D	0.3906	0.6755	0.4267	0.49	0.1344	0.143	0.1708	0.14
Simpson_1-D	0.6094	0.3245	0.5733	0.50	0.8656	0.857	0.8292	0.85
Shannon_H	1.451	0.7747	1.258	1.16	2.181	2.245	2.179	2.20
Evenness_e^H/S	0.4266	0.2411	0.3198	0.32	0.6324	0.6296	0.5893	0.61
Brillouin	1.363	0.7505	1.239	1.11	2.141	2.213	2.154	2.16
Menhinick	0.7313	0.353	0.3083	0.46	0.4959	0.4367	0.3778	0.43
Margalef	1.72	1.235	1.399	1.85	1.946	1.979	1.901	1.94
Equitability_J	0.63	0.3526	0.5245	0.50	0.8264	0.8292	0.8047	0.82
Fisher_alpha	2.258	1.478	1.655	1.79	2.412	2.423	2.296	2.37
Berger-Parker	0.6043	0.8169	0.6214	0.68	0.1895	0.2898	0.356	0.27
Chao-1	10	9	11		14	15	15	14.66