Table S1:List of 86 species of phytoplankton in the Dagangzipao Wetland

Phyla	Representative Species (genus)
Bacillariophyta	*Cymatopleura solea* *Surirella ovata* *Achnanthes orientalis* *Fragilaria capucina* *Navicula spp.* *Nitzschia palea* *Achnanthes minutissima* *Gyrosigma acuminatum* *Navicula cuspidata var. heribaudii* *Synedra acus var. acus* *Cyclotella stelligera* *Frustulia rhomboides* *Surirella ovata* *Amphora ovalis* *Cyclotella meneghiniana* *Melosira ambigua* *Synedra ulna* *Cymbella spp.* *Hantzschia amphioxys* *Navicula protracta* *Gomphonema parvulum* *Navicula minima* *Surirella linearis* *Nitzschia closterium* *Navicula cryptocephala* *Stauroneis smithii* *Navicula oblonga* *Nitzschia acicularis* *Synedra ulna* *Navicula gastrum*
Chrysophyta	*Synura uvella*
Pyrrophyta	*Gymnodinium sp.* *Peridinium pusillum*
Cyanophyta	*Oscillatoria fractana* *Anabaena catenula* *Anabaena spiroides* *Anabaena circinalis var.*
Cryptophyta	*Cryptomonas reflexa* *Cryptomonas ovata* *Cryptomonas rostrata*
Euglenophyta	*Euglena cuneata* *Euglena caudata* *Phacus oxyuris* *Phacus bacilliformis* *Trachelomonas hispida f. minor* *Euglena oxyuropsis*

	Euglena acus var.acus
	Euglena gasterosteus
	Trachelomonas volvocinopsis
	Trachelomonas dybowskii
	Strombomonas rotunda
	Euglena clavata
	Euglena spp.
	Euglena geniculata
	Phacus helicoides
Chlorophyta	*Oocystis borgei*
	Cosmarium trachypleurum
	Scenedesmus denticulatus
	Oocystis crassa
	Netrium digitus
	Scenedesmus dimorphus
	Elakatothrix gelatinosa
	Coccomyxa dispar
	Scenedesmus ecornis
	Gloeocystis gigas
	Ankistrodesmus falcatus
	Quadricoccus verrucosus
	Oocystis naegelii
	Schroederia spiralis
	Schroederia nitzschioides
	Spondylosium planum
	Tetrastrum glabrum
	Cosmarium bioculatum
	Crucigenia quadrata
	Tetradesmus wisconsinense
	Chlorogonium tetragamum
	Scenedesmus quadricauda
	Ankistrodesmus angustus
	Chlorella vulgaris
	Closterium venus
	Closterium parvulum var. angustum
	Selenastrum minutum
	Oocystis parva
	Schroederia robusta
	Planctonema lauterbornii
	Crucigenia rectangularis