

# Appendices

## A Species of Phytoplankton in Lake Taihu

### *Bacillariophyta*

- Achnanthes lanceolata* Breb.  
*Amphora ovalis* Kütz.  
*Asterionella formosa* Hass.  
*Attheya zachatiasi* Brun.  
*Cocconeis pediculus* Ehr.  
*Cocconeis placentula* Ehr.  
*Cyclotella bodanica* Eul.  
*Cyclotella comta* Kütz  
*Cyclotella meneghiniana* Kütz.  
*Cyclotella stelligera* Cl. et Grun.  
*Cymatopleura solea* (Breb.) W. Smith  
*Cymbella affinis* Kütz  
*Cymbella parva* (W. Smith) Cleve  
*Cymbella tumida* (Greg.) Cl.  
*Cymbella ventricosa* Kütz.  
*Diatoma vulgare* Bory  
*Epithemia turgida* (Ehr.) Kütz.  
*Epithemia zenra* (Ehr.) Kütz.  
*Fragilaria capucina* Desm.  
*Fragilaria crotonensis* Kitton.  
*Gomphonema acuminatum* Ehr.  
*Gomphonema parvulum* (Kütz.) Grun.  
*Gyrosigma acuminatum* (Kütz.) Rabh.  
*Gyrosigma kutzingii* (Grun.) Cl.  
*Melosira granulata* (Ehr.)  
*Melosira granulata* var. *angustissima* f. *spiralis* Hust.  
*Melosira granulata* var. *angustissima* Mull.  
*Melosira islandica* Mull.

*Melosira varians* Ag.  
*Navicula exigua* (Greg.) Mull.  
*Navicula placentula* (Ehr.) Grun.  
*Navicula rhynchocephala* Kütz.  
*Navicula simplex* Krassk.  
*Nitzschia recta* Hantsch  
*Pinnularia gibba* Ehr.  
*Pinnularia viridis* (Nitzsch.) Ehr.  
*Rhizosolenia longiseta* Zach  
*Rhopalodia gibba* (Ehr.) O. Mull.  
*Stauroneis anceps* Ehr.  
*Stephano discus astraera* (Ehr.) Grun.  
*Surirella biseriata* Breb.  
*Surirella capronii* Breb.  
*Surirella robusta* Ehr.  
*Surirella robusta* var. *splendida* (Ehr.) V.H.  
*Synedra acus* Kütz.  
*Synedra ulna* (Nitzsch.) Ehr.  
*Synedra ulna* var. *biceps* (Kütz.) Schoenf.  
*Tabellaria fenestrata* (Lyngb.) Kütz.

## ***Chlorophyta***

*Acanthosphaera zachariasii* Lemm.  
*Actinastrum hantzschii* Lag.  
*Ankistrodesmus acicularis* (A. Br.) Korsch.  
*Ankistrodesmus falcatus* (Cord.) Ralfs  
*Asterococcus limneticus* G.M. Smith  
*Characium rostratum* Reinsch.  
*Chlamydomonas debaryana* Gor.  
*Chlamydomonas ovalis* Pasch.  
*Chlamydomonas simplex* Pasch.  
*Chlamydomonas snowiae* Printz  
*Chlorella pyrenoidosa* Chick  
*Chlorella vulgaris* Beij.  
*Chodatella cilliata* (Lag.) Lemm.  
*Chodatella subsalsa* Lemm.  
*Cladophora crispata* (Roth.) Kütz.  
*Cladophora fracta* (Dillw.) Kütz.  
*Closterium kutzingii* Breb.  
*Closterium moniliferum* (Bory.)  
*Closterium venus* Kütz.  
*Closteropsis longissima* Lemm.  
*Coelastrum microporum* Nag.

*Coelastrum reticulatum* (Dang.) Senn.  
*Cosmarium angulosum* Breb.  
*Cosmarium anisochondrum* Nordst.  
*Cosmarium circulare* Reinsch.  
*Cosmarium quadrum* Lund.  
*Cosmarium subtumidum* Nordst.  
*Crucigenia apiculata* (Lemm.) Schm.  
*Crucigenia lauterbornei* Schm.  
*Crucigenia quadrata* Morr.  
*Crucigenia tetrapedia* (Kirch.) W. et G.S. West  
*Dictyosphaerium pulchellum* Wood  
*Echinosphaerella limnetica* G.M. Smith  
*Errerella bornhemiensis* Conr.  
*Eudorina elegans* Ehr.  
*Franceia ovalis* (Franc.) Lemm.  
*Geminella minor* (Nag.) Hansg.  
*Geminella interrupta* Turp.  
*Golenkinia paucispina* W. et G.S. West  
*Golenkinia radiata* Chod.  
*Gonatozygon monotaenium* De Bary  
*Gonium formosum* Pasch.  
*Gonium sociale* (Duj.) Warm.  
*Kirchneriella lunaris* (Kirch.) Moeb.  
*Kirchneriella obesa* (West) Schm.  
*Micractinium pusillum* Fres.  
*Mougeotia parvula* Hass.  
*Nephrocytium agardhianum* Nag.  
*Oocystis borgei* Snow  
*Oocystis elliptica* W. West  
*Oocystis lacustris* Chod.  
*Oocystis parva* W. et G.S. West  
*Pandorina morum* (Mull) Bory  
*Pediastrum biradiatum* Mey.  
*Pediastrum boryanum* (Turp.) Men.  
*Pediastrum duplex* Mey.  
*Pediastrum simolex* (Mey.) Lemm.  
*Pediastrum simolex* var.  
*duodenarium* (Bail.) Rab.  
*Pediastrum tetras* (Ehr.) Ralfs  
*Planktosphaeria gelotinsa* G.M. Smith  
*Pleodorina californica* Shaw  
*Pteromonas angulosa* Lemm.  
*Quadrigula chodatii* (Tan-Ful.) G.M. Smith  
*Scenedesmus arcuatus* Lemm.  
*Scenedesmus abundans* (Kirch.) Chod.

*Scenedesmus acuminatus* (Lag.) Chod.  
*Scenedesmus arcuatus* (Chod.) Smith  
*Scenedesmus bijuga* (Turp.) Lag.  
*Scenedesmus brasiliensis* Bohl.  
*Scenedesmus cavinatus* (Lemm.) Chod.  
*Scenedesmus denticulatus* Lag.  
*Scenedesmus dimorphus* (Turp.) Kütz.  
*Scenedesmus javaensis* Chod.  
*Scenedesmus obiquus* (Turp.) Kütz.  
*Scenedesmus perforatus* Lemm.  
*Scenedesmus platydiscus* (G.M. Smith) Chod.  
*Scenedesmus quadricauda* (Turp.) Breb.  
*Schroederia robusta* Korsch.  
*Schroederia setigera* Lemm.  
*Schroederia spiralis* (Printz.) Korsch.  
*Selenastrum gracile* Reinsch.  
*Selenastrum minutum* (Nag.) Coll.  
*Selenastrum westii* G.M. Smith.  
*Sphaerocystis schroeteri* Chod.  
*Sphaerosoma granulatum* Roy et Biss.  
*Spirogyra communis* (Hass.) Kütz.  
*Spondylosium planum* (Woll.) W. et G.S. West  
*Staurastrum indentatum* W. et G.S. West  
*Staurastrum paradoxum* Mey.  
*Staurastrum polymorphum* Breb.  
*Tetraedron caudatum* (Cord.) Hansg.  
*Tetraedron trigonum* (Nag.) Hansg.  
*Tetraedron trilobulatum* (Reinsch.) Hansg.  
*Tetraedron tumidulum* (Reinsch.) Hansg.  
*Tetrastrum hastiferum* (Arn.) Korsch.  
*Tetrastrum staurogeniaeforme* (Schr.) Lemm.  
*Ulothrix subtilissima* G.S. West  
*Ulothrix tenerrima* (Kütz.) Kütz.  
*Volvox aureus* Ehr.  
*Volvox globator* (L.) Ehr.  
*Westella botryoides* (W. West) De Wild.

## ***Chrysophyta***

*Chromulina ovalis* Klebs  
*Chrysamoeba radians* Klebs  
*Dinobryon bavaricum* Imh.  
*Dinobryon cylindricum* Imh.  
*Dinobryon divergens* Imh.  
*Dinobryon sertularia* Ehr.

*Mallomonas caudata* Iwan.  
*Ochromonas mutabilis* Klebs  
*Synura uvella* Ehr.

### **Cryptophyta**

*Chroomonas acuta* Uterm.  
*Cryptomonas erosa* Ehr.  
*Cryptomonas ovata* Ehr.

### **Cyanophyta**

*Anabaena circinalis* Rab  
*Anabaena flos-aquae* (Lyngb.) Breb.  
*Anabaena oscillarioides* Bory  
*Anabaena spiroides* Kleb.  
*Anabaenopsis arnoldii* Aptek.  
*Aphanizomenon flos-aquae* (L.) Ralfs.  
*Aphanocapsa elachista* W. et G.S. West  
*Aphanocapsa pulchra* (Kütz.) Rab  
*Aphanothece elathrata* W. et G.S. West  
*Aphanothece stagnina* (Spr.) A. Br.  
*Calothrix stagnalis* Gom.  
*Chroococcus limneticus* Lemm  
*Chroococcus minor* (Kütz) Nag.  
*Chroococcus minutus* (Kütz) Nag.  
*Coelosphaerium aerugineum* Lemm.  
*Coelosphaerium dubium* Grun.  
*Coelosphaerium kuetzingianum* Nag.  
*Dactulococcopsis acicularis* Lemm.  
*Dactulococcopsis raphidioides* Hansg.  
*Gloeocapsa kuetzingiana* Nag.  
*Gloeocapsa magma* (Breb.) Holl.  
*Gloeocapsa punetata* Nag.  
*Gloeothece linearis* Nag.  
*Gloeotrichia echinulata* (G.E. Smith) P. Richter  
*Gloeotrichia natans* Rab.  
*Gomphosphaeria lacustris* Chod.  
*Lyngbya circumcreta* G.S. West  
*Lyngbya majuscula* Harvey  
*Marssoniella elegans* Lemm.  
*Merismopedia convoluta* Breb.  
*Merismopedia elegans* A.Br.  
*Merismopedia glauca* (Ehr.) Nag.  
*Merismopedia minima* G. Beck

*Microcystis aeruginosa* Kütz.  
*Microcystis flos-aquae* Kirch.  
*Microcystis incerta* Lemm.  
*Microcystis marginata* (Menegh.) Kütz.  
*Microcystis pseudofilamentosa* Crow.  
*Microcystis pulverea* (Wood) Forti  
*Microcystis weserbergii* Lomarek  
*Oscillatoria amphibia* Ag.  
*Oscillatoria brevis* (Kütz.) Gom.  
*Oscillatoria lacustris* (Kütz.) Geitler.  
*Oscillatoria limnetica* Lemm.  
*Oscillatoria princeps* Vauch.  
*Oscillatoria tenuis* Ag.  
*Raphidiopsis sinensis* Jao  
*Rhabdoderma lineare* Schm.  
*Rivularia dura* Roth.  
*Spirulina major* Kütz.  
*Spirulina prunceus* W. et G.S. West  
*Synechococcus parvus* Mig.  
*Synechocystis aquatilis* Sauv.

## ***Euglenophyta***

*Colacium vesiculosum* Ehr.  
*Euglena acus* Ehr.  
*Euglena caudata* Hubn.  
*Euglena ehrenbergii* Klebs.  
*Euglena oxyuris* Schmar.  
*Euglena viridis* Ehr.  
*Lepocinclis ovum* (Ehr.) Lemm.  
*Phacus cadatus* Hubn.  
*Phacus onyx* Pochm.  
*Phacus pleuronectes* (O.F. Müller: O.F.M.) Duj.  
*Phacus pyrum* (Ehr.) Stein.  
*Strombomonas schauinslandii* (Lemm.) Defl.  
*Trachelomonas armata* (Ehr.) Stein  
*Trachelomonas oblonga* Lemm.  
*Trachelomonas volvocina* Ehr.

## ***Pyrrophyta***

*Ceratium hirundinella* (O.F. Müller) Schr.  
*Glenodinium gymnodinium* Pen.

*Glenodinium pulvisculus* (Ehr.) Stein  
*Gymnodinium aeruginosum* Stein  
*Peridinium bipes* Stein  
*Peridinium volzii* Lemm.

### ***Xanthophyta***

*Botryococcus braunii* Kütz.  
*Ophiocytium capitatum* Woll.  
*Ophiocytium lagerheimii* Lemm  
*Tribonema minus* (Will.) Haz.

## **B Species of Zooplankton in Lake Taihu**

### ***Protozoa***

*Acanthocytis aculeata* Hertwing and Lesser  
*Askenasia volvox* Claparède and Lachmann  
*Actinosphaerium eichhorni* Ehrenberg  
*Arcella vulgaris* Ehrenberg  
*Carchesium polypinum* Linné  
*Centropyxis aculeata* Stein.  
*Curcurbitella* sp.  
*Didinium balbianii nanum* Kahl.  
*Didinium balbianii* Fabre-Domergue  
*Diffugia acuminata* Ehrenberg  
*Diffugia globulosa* Dujardin.  
*Diffugia pyriformis* Perty  
*Diffugia urceolata* Carter  
*Dileptus* sp.  
*Epistylis rotans* Svec.  
*Epistylis urceolata* Stiller  
*Euglypha tuberculata* Dujardin  
*Litonotus lamella* Schewiakoff  
*Paramecium caudatum* Ehre.  
*Phryganella* sp.  
*Spathidium spathula* Müller-Woodruff et Spencer  
*Stentor polymorphus* (Müller)  
*Strobilidium gyrans* (Stokes)  
*Strobilidium velox* Faure-Fr.  
*Strombidium viride* Stein.  
*Tetrahymena* sp.

*Tintinnopsis sinensis* Nie.  
*Tintinnopsis wangi* Nie.  
*Tintinnidium entzii* Chiang.  
*Tintinnopsis conicus* Chiang.  
*Vaginicola* sp.  
*Vorticella aequilata* Kahl.  
*Vorticella marginata* Stiller  
*Zoothamnium arbuscula* Ehrenberg

## **Rotifera**

*Anuraeopsis fissa* Gosse  
*Ascomorpha ecaudis* Perty  
*Ascomorpha saltans* Bartsch  
*Asplancha priodonta* Gosse  
*Asplanchnopus multiceps* Schrank  
*Brachionus angularis* Gosse  
*Brachionus calyciflorus* Pallas  
*Brachionus capsuliflorus* Pallas  
*Brachionus falcatus* Zacharias  
*Brachionus forficula* Wierzejski  
*Brachionus urceus* Linnaeus  
*Chromogaster ovalis* Bergendal  
*Collotheca ambigua* Hudson  
*Colurella uncinata* Müller  
*Conochiloides dossuarius* Hudson  
*Conochilus hippocrepis* Schrank  
*Conochilus unicornis* Rousselet  
*Diplois daviesiae* Gosse  
*Diurella sulcata* Jennings  
*Euchlanis dilatata* Ehrenberg  
*Filinia longiseta* Ehrenberg  
*Gastropus hyptopus* Ehrenberg  
*Hexarthra mira* (Hudson)  
*Keratella cochlearis* Gosse  
*Keratella quadrata* O.F. Müller  
*Keratella valga* Ehrenberg  
*Lacinularia flosculosa* (O.F. Müller)  
*Lecane luna* O.F. Müller  
*Lecane ungulata* Gosse  
*Lepadella ovalis* Müller  
*Monostyla bulla* Gosse  
*Monostyla hamata* Stokes  
*Monostyla lunaris* Ehrenberg

*Mytilina ventralis* Ehrenberg  
*Notommata aurita* (Muller)  
*Philodina erythrophthalma* Ehrenberg  
*Platyias militaris* Daday  
*Ploesoma hudsoni* Imhof  
*Polyarthra* spp.  
*Pompholyx sulcata* Hudson  
*Rotaria neptunia* (Ehrenberg)  
*Rotaria rotatoria* (Pallas)  
*Scaridium longicaudum* O.F. Müller  
*Schizocerca diversicornis* Daday  
*Synchaeta pectinata* Ehrenberg  
*Testudinella patina* (Hermann)  
*Trichocerca cylindrica* Imhof  
*Trichocera gracilis* (Tessin)  
*Trichocerca longiseta* Schrank  
*Trichocerca pusilla* (Lauterborn)  
*Trichocerca ruttus* (O.F. Müller)  
*Trichotria tetractis* Ehrenberg

## ***Cladocera***

*Alona guttata* Sars  
*Alonella excisa* Fischer  
*Bosmina coregoni* Baird  
*Bosmina longirostris* Müller  
*Bosminopsis deitersi* Richard  
*Ceriodaphnia cornuta* Sars  
*Chydorus gibbus* Lilljeborg  
*Chydorus ovalis* Kurz  
*Chydorus sphaericus* Müller  
*Daphnia longispina* (Müller)  
*Daphnia pulex* Leydig emend. Scourfield  
*Diaphanosoma brachyurum* (Liéven)  
*Diaphanosoma leuchtenbergianum* Fischer  
*Diaphanosoma sarsi* Rishard  
*Grapholeberis testudinaria* Fischer  
*Leptodora kindtii* Focke  
*Macrothrix rosea* Jurine  
*Moina micrura* Kurz  
*Moina rectirostris* Leydig  
*Scapholeberis mucronata* Müller  
*Sida crystallina* (Müller)  
*Simocephalus vetulus* Müller

## ***Copepoda***

*Acanthocyclops viridis* Jurine  
*Cyclops strenuus* Fischer  
*Cyclops vicinus* Uljanin  
*Eodiaptomus sinensis* Burckhardt  
*Eucyclops serrulatus* Fischer  
*Eucyclops speratus* Fischer  
*Limnithora sinensis* Burckhardt  
*Mesocyclops "leuckarti"* Claus  
*Microcyclops javanus* Kiefer  
*Neodiaptomus schmackeri* Poppe et Richard  
*Neurodiaptomus incongruens* Poppe  
*Paracyclops fimbriatus* Fischer  
*Schmackeria forbesi* Poppe et Richard  
*Schmackeria inopina* Burckhardt  
*Sinocalanus dorrii* Brehm  
*Sinodiaptomus sarsi* Rylov  
*Thermocyclops taihokuensis* Harada

## **C Species of Zoobenthos in Lake Taihu**

### ***Arthropoda***

*Asellus nipponensis* Nichols  
*Caridina nilotica gracilipes* de Man  
*Chironomus* spp.  
*Eriocheir sinensis* H. Milne-Edwards  
*Gammarus* sp.  
*Macrobrachium asperulum* (Von Marlens)  
*Macrobrachium nipponensis* (De Haan)  
*Macrobrachium superbum* (Heller)  
*Neocaridina denticulata* (Kemp)  
*Neorhynchoplax intronersus* (Kemp)  
*Palaemon modestus* (Heller)  
*Palamorettes sinensis* Sollaud  
*Tachaea chinensis* Thieleman  
*Tanypus* sp.

### ***Hirudinea***

*Glossiphonia complanata* (Linné)  
*Hemiclepsis kasimiana* Oka

*Hirudo nipponia* (Whitm.)

*Witmania pigra* (Whitm.)

## ***Mollusca***

*Alocinma longicornis* (Benson)

*Angulagia polyzenata* (Fraueufeld)

*Anodonta woodiana* (Lea)

*Anodonta woodiana elliptica* (Heude)

*Anodonta woodiana pacifica* (Heude)

*Aronaia lanceolata* (Lea)

*Bellamya aeruginosa* (Reeve)

*Bellamya purificata* (Heude)

*Bellamya quadrata* (Benson)

*Bithynia fuchsiana* (Moëllendorff)

*Cipangopaludina cathayensis* (Heude)

*Cipangopaludina chinensis* (Gray)

*Corbicula fluminea* (Müller)

*Cristaria plicata* (Leach)

*Gyraulus convexiusculus* (Hütton)

*Hippeutis cantori* (Benson)

*Hippeutis umbilicalis* (Benson)

*Hyriopsis cumingii* (Lea)

*Lamprotula caveata* (Heude)

*Lamprotula leai* (Gray)

*Lanceolaria giodiola* (Heude)

*Lanceolaria grayana* (Lea)

*Limnoperna lacustris* (Martens)

*Novaculina chinensis* Liu et Zhang

*Palypylis hemispherula* (Benson)

*Parafossarulos sinensis* (Neumayr)

*Parafossarulos strialulus* (Benson)

*Radix auricularia* (Linnaeus)

*Radix swinhoei* (H. Adams)

*Schistodesmus lampreyanus* (Baird et Adams)

*Semisulcospira cacellata* (Benson)

*Sphaerium lacustre* (Müller)

*Stenothyra globbra* (A. Adams)

*Unio donglasiae* (Gray)

## ***Oligochaeta***

*Aulodrilus procheatus* (Chen)

*Branchiodrilus hortensis* (Stephenson)

*Branchiura sowerbyi* Beddard  
*Dero digitata* (O.F. Müller)  
*Limnodrilus hoffmeisteri* Claperede  
*Lumbriculus variegatum* (O.F. Müller)  
*Slavina appendiculata* (Udekem)  
*Stylaria fossularis* (Leidy)

## ***Polychaeta***

*Nephtys oligobranchia* Southern

## **D Fish Species in Lake Taihu**

\*, \*\*, present species (from 2000 to now); \*\*, newly recorded species

## ***Acipenseridae***

*Acipenser sinensis* Cray

## ***Anabantidae***

\**Macropodus chinensis* (Bloch)

## ***Anguillidae***

*Anguilla japonica* Temninck et Schlegel

## ***Bagridae***

\**Pseudobagrus fulvidraco* (Richardson)  
*Leiocassis L. adiposalis* (Qshima)  
*Leiocassis L. albomarginatus* Rendhal  
*Leiocassis L. taeniatus* (Gunther)  
*Leiocassis longirostris* Gunther  
*Leiocassis ussuriensis* (Dybowski)  
*Pseudobagrus eupogon* Boulenger  
*Pseudobagrus nitidus* Sauvoge et Dabry

***Catostomidae***

*Myxocyprinus asiaticus* (Bleeker)

***Clupeidae***

*Macrura reetesii* (Richardson)

***Cobitidae***

\*\**Paramisgurnus dabryanus* salvage  
 \*\**Pararhynchobdella sinensis* (Bleeker)  
 \**Cobitis laenia* Linnaeus  
 \**Misgurnus anguillicau datus* (Cantor)  
*Botia wui* Tchang  
*Botia xeiithi* (Gunther)  
*Misgurnus mizolepis* Gunther

***Cynoglossidae***

*Cynoglossus gracilis* Gunther  
*Cynoglossus purpureomaculatus* Regan  
*Cynoglossus trigrammus* Gunther

***Cyprinidae***

\*\**Acheilognathus macropterus* (Bleeker)  
 \*\**Pseudobrama simoni* (Bleeker)  
 \*\**Squalidus noteas* (Gunther)  
 \**Abbottina rivularis* (Basilewsky)  
 \**Acanthorhodeus barbatulus* Gunther  
 \**Acanthorhodeus macropterus* Bleeker  
 \**Acanthorhodeus tonkinensis* Vaillant  
 \**Carassius auratus* (Linnaeus)  
 \**Ctenopharyngodon idellus* (Cuvier et Valenciennes)  
 \**Culter erythropterus* Basilewsky  
 \**Cyprinus carpio* (Linnaeus)  
 \**Elopichthys bambusa* (Richardson)  
 \**Erythroculter ilishaeformis* (Bleeker)  
 \**Erythroculter mongolicus* (Basilewsky)  
 \**Hemibarbus maculatus* Bleeker  
 \**Hemiculter leucisculus* (Basilewsky)  
 \**Hypophthalmichthys molitrix* Cuvier et Valenciennes

\**Megalobrama amblycephala* Yih  
 \**Mylopharyngodon piceus* (Richardson)  
 \**Paracanthobrama guichenoti* Bleeker  
 \**Parasilurus asotus* (Richardson)  
 \**Pseudorasbora parva* Wu  
 \**Rhodeus lighti* (Wu)  
 \**Sarcocheilichtys nigripinnis* (Gunther)  
 \**Sarcocheilichtys sinensis* Bleeker  
 \**Squaliobarbus curriculus* (Richardson)  
 \**Toxabramis swinhonis* Gunther  
*Acanthobrama simoni* Bleeker  
*Acanthorhodeus chanhaensis* (Dybowsky)  
*Acanthorhodeus taenianalis* Gunther  
*Acheilognathus* sp.  
*Aphyocypris chinensis* Gunther  
*Coreius heterodon* (Bleeker)  
*Distoechodon tumirostris* Peters  
*Erythroculter dabryi* (Bleeker)  
*Erythroculter* sp.  
*Gnathopogon argentatus* (Sauvag et Dabry)  
*Gnathopogon sihuensis* (Chu)  
*Gnathopogon wolterstorffi* (Regan)  
*Hemibarbus labeo* (Pallas)  
*Hemiculter bleekeri* Warpachowsky  
*Megalobrama terminalis* (Richardson)  
*Ochetobius elongatus* (Kner)  
*Opsarichthys uncirostris bidens* Gunther  
*Parabramis pekinensis* (Basilewsky)  
*Parapelecus argenteus* (Gunther)  
*Parapelecus engraulis* (Nichols)  
*Pararhodeus fangi* Miao  
*Plagiognathops microlepis* (Bleeker)  
*Rhinogobio typus* Bleeker  
*Rhodeus ocellatus* (Ker)  
*Rhodeus sinensis* Gunther  
*Sarcocheilichtys fukiensis* (Nickols)  
*Saurogobio dabryi* Bleeker  
*Saurogobio dumerili* Bleeker  
*Sinilabeo decorus tungting* (Nichols)  
*Xenocypris argentea* Gunther  
*Xenocypris davidi* Bleeker

### ***Cyprinodontidae***

*Oryzias latipes* (Schlegel)

***Eleotridae***

\**Hypseleotris swinhonis* (Günther)

\**Odontobutis obscure* (Temminck et Schlegel)

***Engraulidae***

\**Coilia brachygnathus* Kreyenberger Pappenheim

\**Coilia ectenes* Jordon et Seale

*Coilia ectenes taihuensis* Yuan et Lin

***Gallionymidae***

*Caltionymus olidus* Günther

***Gobiidae***

\**Ctyenogobius giurinus* (Rutter)

*Ctyenogobius cliffordpopei* (Nichols)

*Odontamblyopus rubicundus* (Hamilton Buchanan)

*Taenioides cirratus* (Blyth)

***Gottidae***

*Trachidermus fasciatus* Heckel

***Hemirhamphidae***

\**Hemirhamphus intermedius* (Cantor)

***Mastacembelidae***

*Mastacembelus aculeatus* (Basilewsky)

***Mugilidae***

*Mugil cephalus* Linnaeus

*Mugil soiuy* Basilewsky

***Ophiocephalidae***

- \**Ophiocephalus argus* (Cantor)
- Channa asiatica* (Linnaeus)

***Salangidae***

- \**Neosalanx oligodontis* Chen
- \**Neosalanx tangkahkeii taihuensis* Chen
- \**Protosalanx hyalocranius* (Abbott)
- Reganisalanx brachyrostratis* (Fang)

***Serranidae***

- \**Lateolabrax japonicus* (Cuvier et Valenciennes)
- \**Siniperca chuatsi* (Basilewsky)
- Siniperca kneri* German
- Siniperca scherzeri* Steindachner

***Siluridae***

- \**Silurus asotus* Linneus

***Symbranchidae***

- \**Monopterus abus* (Zuiew)

***Tetraodontidae***

- Fugu obscurus* (Abe)
- Fugu ocellatus*(Linnaeus)

**E Species of Aquatic Vegetation in Lake Taihu**

- Acorus calarnus* L.
- Acorus gramineus* Soland.
- Alternanthera philoxeroides* (Mart.) Griseb
- Azolla imbricata* (Roxb) Nakai

*Brasenia schreberi* J.F. Gmel  
*Butomus umbellatus* L.  
*Ceratophyllum demersum* L.  
*Ceratopteris thalictroides* (L.) Brongn  
*Colocasia esculenta* (L.) Schott.  
*Cynodon dactylon* (L.) Pers.  
*Echinochloa crusgalli* (L.) Beauv.  
*Eichhornia crassipes* (Mart.) Solms  
*Eleocharis acicularis* (L.) Roem. & Schult  
*Eleocharis tuberosa* (Roxb.) Roem. et Schult  
*Elodea nuttalli* (Planch.) St. John  
*Euryale ferox* Salisb.  
*Fimbristylis dichotoma* (L.) Vahl  
*Hydrilla verticillata* (L.f.) Royle  
*Hydrocharis dubia* (Bl.) Backer  
*Hygroryza aristata* (Retz.) Nees  
*Juncus setchuensis* var. *effusoides* (Juncaceae)  
*Jussiaea repens* L.  
*Leersia japonica* (Makino) Honda  
*Lemna minor* L.  
*Leptochloa chinensis* (L.) Nees  
*Limnophila sessiliflora* (Vahl) Blume  
*Lobelia chinensis* Lour  
*Marsilea quadrifolia* L.  
*Miscanthus sacchariflorus* (Mixim.) Hack  
*Monochoria korsakowii* Regel. et Maack  
*Monochoria vaginalis* (Burm. F.) Presl ex Kunth  
*Murdannia keisak* (Hassk.) Hand.-Mazz.  
*Myriophyllum spicatum* L.  
*Myriophyllum ussuriensis* (Regel) Maxim  
*Najas graminea* Del.  
*Najas minor* All.  
*Nelutnbo nucifera* Gaertn  
*Nymphaea tetragona* Georgi  
*Nymphoides indica* (L.) O. Kuntze  
*Nymphoides peltatum* (Gmel.) O. Kuntze  
*Nyphar pumilum* (Hoffm.) DC.  
*Oenanthe javanica* (Bl.) DC.  
*Ottelia alismoides* (L.) Pers.  
*Phragmites communis* Trin.  
*Polygonum hydropiper* L.  
*Polygonum lapathifolium* L.  
*Polygonum orientale* L.  
*Polygonum perfoliatum* L.  
*Polygonum sagittatum* L.

*Potamogeton crispus* L.  
*Potamogeton franchetii* A. Benn. et Baag.  
*Potamogeton maackianus* A. Benn.  
*Potamogeton malaianus* Miq.  
*Sagittaria pygmaea* Miq.  
*Sagittaria sagittifolia* L.  
*Salvinia natans* (L.) All  
*Scirpus lacustris* L. var. *tabernaemontani* (C.C. Gmel.)  
*Scirpus yagara* Ohwi  
*Spirodela polyrhiza* (L.) Schleid  
*Stipa tenacissima* L.  
*Torilis japonica* (Houtt) DC.  
*Trapa incisa* Sieb et Zucc var. *quadricaudata* Glück  
*Trapa sinensis* Olive  
*Typha angustifolia* L.  
*Utricularia aurea* Lour  
*Vallisneria natans* (Lour.) Hara  
*Zizania latifolia* (Griseb.) Stapf

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