Table A1. List of the non-diatom taxa of the studied lakes of the Artabel Lakes Nature Park, Turkey in August 2013, 2016 with species-specific ecological properties and index saprobity SI. Abbreviation of the lakes name: ARL: Artabel Lakes, BL: Beş Lakes, YL: Yıldız Lakes, ACL: Acembol Lakes, IL: İsimsiz Lake, YLP: Yıldız Lakes Pond; * and lines in red: New record for algal flora of Turkey. Abbreviation of the ecological groups of indicators (Barinova et al. 2006): Habitat preferences (Hab): P – planktonic, P-B – planktonic-benthic, B – benthic, wide range, need some substrate; Ep – epiphytes. Water temperature preferences (T): warm – warm-water inhabitants; temp – temperate water temperature inhabitants or indifferent; eterm – eurythermic. Oxygenation indicators (Oxy): st – standing water, st-str – low streaming water, aer – aerophiles. Salinity (Sal): hb – oligohalobes-halophobes, i – oligohalobes-indifferents, mh – mesohalobes, hl – halophiles. Acidity (pH) degree indicators (pH): alf – alkaliphiles, ind – indifferents; acf – acidophiles. Trophic state indicators (Tro): o – oligotraphentic; o-m – oligo-mesotraphentic; m – mesotraphentic; me – meso-eutraphentic; e – eutraphentic. SI: species-specific index saprobity SI.

Taxa	Lake																			Ecological parameter							
	ARL1	ARL2	ARL3	ARL4	ARL5	ARL6	BL1	BL2	BL3	BL4	BL5	ACL1	ACL2	ACL3	YL1	YL2	YL3	IL	YLP	Hab	T	Oxy	pH	Sal	Sap	Tro	SI
CHAROPHYTA																											
Actinotaenium cucurbita (Brébisson ex Ralfs) Teiling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	P-B	-	aer	acf	-	x-b	o	0.9
**Actinotaenium curtum* (Brébisson ex Ralfs) Teiling ex Růžička & Pouzar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	P-B	-	aer	ind	-	x-b	o-m	0.9
Closterium acerosum Ehrenberg ex Ralfs	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	P-B	-	st-str	ind	i	a-o	e	2.6
**Closterium cornu* Ehrenberg ex Ralfs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	B	-	aer	acf	-	x-b	o-m	0.95
Closterium incurvum Brébisson	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	B	-	-	ind	-	o-a	me	1.8
Closterium jenneri var. *cynthia* (De Notaris) Petlovany	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	P-B	-	st-str	acf	-	o	m	1
Closterium lunula Ehrenberg & Hemprich ex Ralfs	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	B	-	-	ind	-	x-b	m	0.8
Closterium parvulum Nägeli	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	P-B	-	-	ind	i	b	m	2
Closterium strigosum Brébisson	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	P-B	-	st-str	ind	-	o-a	e	1.9
**Cosmarium anceps* P.Lundell	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	B,aer	-	aer	acf	-	-	m	-
**Cosmarium boitierense* Kouwets	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	B	-	-	ind	-	-	me	-
Cosmarium botrytis Meneghini ex Ralfs var. *botrytis*	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0	1	P-B	-	st-str	ind	i	o-a	m	1.9
Cosmarium botrytis var. *gemmiferum* (Brébisson) Nordstedt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	B	-	-	ind	-	-	m	-
Cosmarium botrytis var. *tumidum* Wolle	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	P-B	-	-	ind	-	o-a	m	1.9
Cosmarium contractum var. *minutum* (Delponte) Coesel	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	B	-	-	acf	-	-	m	-
**Cosmarium cucumis* Corda ex Ralfs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	B	-	-	acf	-	-	m	-
Cosmarium galeritum Nordstedt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	B	-	aer	ind	-	-	m	-
**Cosmarium holmiense* var. *hibernicum* (West) Schmidle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	B,aer	-	aer	acf	-	-	m	-
Cosmarium impressulum Elfving var. *impressulum*	1	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	B	-	-	ind	hb	b-o	m	1.6
**Cosmarium impressulum* var. *alpicola* Schmidle	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	B	-	-	acf	-	b-o	m	1.6
Cosmarium laeve Rabenhorst	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	1	0	1	0	P-B	-	st-str	ind	hb	o-a	me	1.9
Cosmarium margaritatum (P.lundell) J.Roy & Bisset	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	B	-	-	acf	-	-	m	-
**Cosmarium norimbergense* var. *depressum* (West & G.S.West) Willi Krieger & Gerloff	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	B	-	-	ind	-	-	m	-
**Cosmarium notabile* var. *subnotabile* (Wille) Coesel	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	B,aer	-	-	-	-	-	m	-
Cosmarium notabile var. *transiens* Insam & Willi Krieger	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	B,aer	-	-	acf	-	-	m	-
Cosmarium obtusatum (Schmidle) Schmidle	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	B	-	-	ind	i	o	me	1.3
**Cosmarium paragranatiodes* var. *dickii* Krieger & Gerloff	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	B	-	-	acf	-	-	m	-
**Cosmarium pokornyanum* (Grunow) West & G.S.West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	B,aer	-	aer	acf	hl	-	m	-
**Cosmarium polygonum* var. *hexagonum* Grönblad	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	B	-	-	acf	-	-	o	-
**Cosmarium pseudonitidulum* Nordstedt	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	acf	-	-	m	-
**Cosmarium pseudoornatum* B.Eichler & Gutwinski	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	B	-	-	acf	-	-	m	-
Cosmarium punctulatum Brébisson	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	P-B	-	-	ind	hb	o	m	1.3
Cosmarium regnellii Wille var. *regnellii*	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	B	-	-	ind	-	-	me	-
Cosmarium regnellii var. *minimum* Eichler & Gutwinski	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	B	-	-	acf	-	-	m	-
Cosmarium regnellii var. *pseudoregnellii* (Messikommer) Willi Krieger	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	B	-	-	acf	-	-	m	-
Cosmarium reniforme (Ralfs) W.Archer	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	P-B	-	st-str	ind	hb	o	me	1.0
**Cosmarium reniforme* var. *compressum* Nordstedt	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	P-B	-	-	ind	hb	o	me	1.0
**Cosmarium simplicius* (West & G.S.West) Grönblad	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	B,aer	-	aer	acf	-	-	m	-
Cosmarium sportella Brébisson ex Kützing	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	B	-	-	ind	-	-	e	-
Cosmarium subcostatum Nordstedt var. *subcostatum*	3	0	0	0	3	0	3	0	0	0	0	3	0	3	3	0	3	3	3	P-B	-	-	ind	i	-	e	-
Cosmarium subcostatum var. *minus* (West & G.S.West) Kurt Föster	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	B	-	-	ind	-	-	m	-
Cosmarium subcrenatum Hantzsch	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	1	B,aer	-	aer	acf	-	o	m	1.1
**Cosmarium subspeciosum* var. *transiens* Messikommer	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	1	B	-	aer	acf	-	-	m	-
Cosmarium tinctum Ralfs	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	B	-	-	acf	-	-	o-m	-
Cosmarium turpinii Brébisson	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	P-B	-	-	ind	i	o-x	me	0.7
Cosmarium vogesiacum var. *alpinum* (Schmidle) Laporte	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	-	-	-	acf	-	-	m	-
Cylindrocystis brebissonii (Ralfs) De Bary	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	B,S	-	st,aer	acf	-	x-b	o-m	0.8
Euastrum bidentatum Nägeli	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P-B	-	-	ind	hb	o-x	m	0.6
Euastrum binale var. *gutwinskii* (Schmidle) Homfeld	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P-B	-	-	acf	-	o-x	o	0.6
Euastrum oblongum Ralfs	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	B	-	-	acf	-	o-x	m	0.6
Gonatozygon monotaenium De Bary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	B	-	st-str	acf	hb	x-b	me	0.8
Klebsormidium klebsii (G.M.Smith) P.C.Silva, K.R.Mattox & W.H.Blackwell	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	B	-	-	-	-	o-b	-	1.5
Micrasterias americana Ehrenberg ex Ralfs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	B	-	-	ind	i	o	ot	1.00
**Micrasterias truncata* Brébisson ex Ralfs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	B	-	-	acf	-	x-b	o-m	0.9
Netrium digitus (Brébisson ex Ralfs) Itzigsohn & Rothe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	P-B	-	-	acf	i	x-o	o-m	0.5
Penium margaritaceum Brébisson	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	2	0	B	-	-	ind	-	x-o	o-m	0.4
Spirogyra oligocarpa C.-C.Jao	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	-	-	-	-	-	-	-	-
Spirogyra tenuissima (Hassall) Kützing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	B	-	-	-	-	o	-	1.1
**Spondylosium papillosum* West & G.S.West	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	-	-	acf	hb	-	m	-
Staurastrum bieneanum Rabenhorst	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	B	-	-	acf	-	-	m	-
Staurastrum boreale West & G.S.West	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	B	-	-	ind	-	-	m	-
**Staurastrum dilatatum* Ehrenberg ex Ralfs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	P	-	-	-	-	-	-	-
Staurastrum dispar Brébisson	0	0	0	0	0	1	1	0	0	1	0	0	1	1	1	0	0	1	0	B	-	-	ind	-	o-b	m	1.5
**Staurastrum dybowskii* Woloszynska	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	m	-

Taxa	Lake																			Ecological parameter							
	ARL1	ARL2	ARL3	ARL4	ARL5	ARL6	BL1	BL2	BL3	BL4	BL5	ACL1	ACL2	ACL3	YL1	YL2	YL3	IL	YLP	Hab	T	Oxy	pH	Sal	Sap	Tro	SI
**Staurastrum lapponicum* (Schmidle) Grönblad	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	B	-	-	ind	-	-	m	-
Staurastrum pilosum Brébisson	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	P-B	-	st-str	acf	-	-	m	-
Staurastrum punctulatum Brébisson	4	0	0	4	4	4	4	0	4	4	0	4	0	0	4	0	4	4	0	P-B	-	st-str	ind	i	o	o-m	1.2
**Staurastrum punctulatum* var. *pygmaeum* (Brébisson ex Ralfs) West & G.S.West	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	B,aer	-	aer	acf	-	-	o-m	-
**Teilingia excavata* var. *subquadrata* (West & G.S.West ex N.Carter) Stein	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	P-B	-	-	acf	-	-	m	-
Teilingia granulata (J.Roy & Bisset) Bourrelly	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P-B	-	-	ind	-	-	m	-
**Tetmemorus laevis* Ralfs ex Ralfs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	B,aer	-	aer	ind	-	x-o	o-m	0.5
Zygnema pseudocylindricum Gauthier-Lièvre	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-
CYANOBACTERIA																											
Ammatoidea normanii West & G.S.West	2	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	B	-	-	-	-	-	-	-
Aphanocapsa incerta (Lemmermann) G.Cronberg & Komárek	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	P-B	-	-	-	i	b	me	2.2
Calothrix braunii Bornet & Flahault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	B,S	temp	st-str	-	-	o	m	1.2
Calothrix fusca Bornet & Flahault f. *fusca*	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	Ep	-	st-str	-	-	o	o	1.2
Calothrix fusca f. *parva* (Ercegovic) Poljansky	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	-	-	-	-	-	-	-	-
Chroococcus dispersus (Keissler) Lemmermann	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	P	-	st	-	-	b-o	o-m	1.7
Chroococcus minutus (Kützing) Nägeli	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	P-B	-	-	ind	i	o-a	o-m	1.8
Chroococcus spelaeus Ercegovic	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	B	-	aer	-	-	-	-	-
Chroococcus subnudus (Hansgirg) G.Cronberg & J.Komárek	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	1	B	-	-	-	-	-	-	-
Chroococcus turgidus (Kützing) Nägeli	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2	0	0	P-B,S	-	aer	alf	hl	x-b	-	0.8
Cyanosarcina parthenonensis Anagnostidis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	-	-	-	-	-	-	-	-
Cyanothece aeruginosa (Nägeli) Komárek	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	P-B,Ep	-	aer	-	-	x-b	-	0.9
Glaucospira laxissima (G.S.West) Simic, Komárek & Dordevic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	P	-	st	-	-	-	-	-
**Katagnymene accurata* Geitler	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-
Komvophoron crassum (Vozzhennikova) Anagnostidis & Komárek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	-	-	-	-	-	-	-	-
Lyngbya aestuarii Liebman ex Gomont	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	P-B,S	-	-	-	mh	o	-	1.3
Merismopedia elegans A.Braun ex Kützing	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	P-B,Ep	-	-	ind	i	b-o	o	1.7
Merismopedia glauca (Ehrenberg) Kützing	0	0	0	0	0	1	1	0	0	0	0	1	0	0	1	1	0	1	0	P-B	-	-	ind	i	b-o	o-m	1.75
Merismopedia messikommeri Joosten	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-
Merismopedia minima G.Beck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	B,S	-	aer	-	-	-	o	-
Merismopedia punctata Meyen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	P-B	-	-	ind	i	o-a	me	1.8
Microcoleus amoenus (Gomont) Strunecky, Komárek & J.R.Johansen	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	1	1	P-B,S	-	st-str	-	-	a-o	me	2.7
Microcoleus autumnalis (Gomont) Strunecky, Komárek & J.R.Johansen	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	B,S	-	st-str	-	-	b	-	2.3
Nostoc sp.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	-	-	-	-	-	-	-	-
Nostoc sp.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	-	-	-	-	-	-	-	-
Oscillatoria anguina Bory ex Gomont	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	B,S	-	-	-	-	-	o-m	-
Oscillatoria limosa C.Agardh ex Gomont	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	P-B	-	st-str	-	hl	a-o	e	2.6
Oscillatoria ornata Kützing ex Gomont	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	P-B,S	-	st-str	-	i	o-b	o-m	1.5
Oscillatoria simplicissima Gomont	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	P-B	-	st-str	-	i	-	o	-
Oscillatoria subbrevis Schmidle	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	-	-	-	-	-	-	-	-
Oscillatoria tenuis C.Agardh ex Gomont	0	0	0	4	4	4	4	0	4	4	0	0	4	4	4	0	0	4	4	P-B,S	-	st-str	-	hl	a-o	me	2.6
Phormidium acula (Brühl & Biswas) Anagnostidis & Komárek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	-	-	-	-	-	-	-	-
Phormidium hiemale (Jaag) Anagnostidis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	-	-	-	-	-	-	-	-
Phormidium inundatum Kützing ex Gomont	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	B,S	-	aer	-	-	o	o-m	1.3
**Phormidium stagninum* Anagnostidis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	B,Ep	-	-	-	-	-	o-m	-
Planktolyngbya tallingii Komárek & H.Kling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	-	-	-	-	-	-	-	-
Pseudanabaena galeata Böcher	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	B	-	-	-	-	a	e	3.3
Pseudanabaena limnetica (Lemmermann) Komárek	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0	2	P-B	-	-	-	-	b	e	2.2
Rivularia sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	-	-	-	-	-	-	-	-
**Scytonema coactile* Montagne ex Bornet & Flahault	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	b	-	2.0
Spirulina major Kützing ex Gomont	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	P-B,S	warm	st	-	hl	a	-	3.4
CHLOROPHYTA																											
Asterococcus limneticus G.M.Smith	3	0	0	0	0	0	3	0	3	0	0	0	0	3	0	3	3	3	3	-	-	-	-	-	-	-	-
Asterococcus superbus (Cienkowski) Scherffel	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	P-B	-	st	-	-	x-b	-	0.8
Bulbochaete sp.	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	B	-	-	-	-	o	-	1.2
**Chlamydomonas pertusa* Chodat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	P	-	-	-	-	b	-	2.1
Chloroidium ellipsoideum (Gerneck) Darienko, Gustavs, Mudimu, Menendez, Schumann, Karsten, Friedl & Proschold	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	P-B,pb	-	st	-	oh	-	-	-
**Coenochloris pyrenoidosa* Korshikov	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	P	-	-	-	hl	-	-	-
**Coenocystis tapasteana* Komárek	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	-	-	-	-	-	-	-	-
Desmodesmus abundans (Kirchner) E.Hegewald	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	0	P-B	-	st-str	-	-	o-a	-	1.9
Desmodesmus armatus var. *longispina* (Chodat) E.Hegewald	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	P	-	st-str	-	-	b	-	2.00
Desmodesmus dispar (Brébisson) E.Hegewald	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	P-B	-	st-str	-	-	o-b	-	1.5
Desmodesmus hystrix (Lagerheim) E.Hegewald	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	b	-	2
Desmodesmus magnus (Meyen) Tsarenko	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	P	-	-	-	-	o	-	1.3
Desmodesmus spinosus (Chodat) E.Hegewald	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	P-B	-	st-str	-	-	o-b	-	1.4
Glochiococcus aciculiferus (Lagerheim) P.C.Silva	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	P	-	-	-	hb	o-b	-	1.5
Microspora sp.	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	B	-	-	-	-	-	-	-
Monoraphidium irregulare (G.M.Smith) Komárková-Legnerová	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	P-B	-	st-str	-	i	-	-	-
Oedogonium sp.1	3	0	0	0	0	0	0	3	0	0	0	3	3	3	0	3	3	3	3	B	-	-	-	-	-	-	-
Oedogonium sp.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	B	-	-	-	-	-	-	-
Pseudopediastrum boryanum (Turpin) E.Hegewald var. *boryanum*	0	0	0	0	0	0	3	0	0	3	0	3	3	3	0	3	3	0	3	P-B	-	st-str	ind	i	b	-	2.1
Pseudopediastrum boryanum var. *cornutum* (Raciborski) Tsarenko	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	P-B	-	-	-	-	-	-	-
Pseudopediastrum boryanum var. *longicorne* (Reinsch) Tsarenko	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	-	-	-	-	-	-	-	-
Pseudopediastrum sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	-	-	-	-	-	-	-	-
Scenedesmus acutus var. *globosus* Hortobágyi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	-	-	-	-	-	b	-	2.2

Taxa	Lake																		Ecological parameter							
	ARL1	ARL2	ARL3	ARL4	ARL5	ARL6	BL1	BL2	BL3	BL4	BL5	ACL1	ACL2	ACL3	YL1	YL2	YL3	IL	YLP	Hab	T	Oxy	pH	Sal	Sap	Tro	SI
Sphaerellopsis gelatinosa (Korshikov) Gerloff	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	P	-	-	-	-	b	-	2.00
Tetradesmus dimorphus (Turpin) M.J.Wynne	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	-	-	-	-	-	b	-	2.3
Tetradesmus obliquus (Turpin) M.J.Wynne	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	P-B	-	st-str	ind	i	b	-	2.05
Tetraëdron lobulatum var. *polyfurcatum* G.M.Smith	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	-	-	-	-	-	-	-	-
Tetraëdron minimum (A.Braun) Hansgirg	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	P-B	-	st-str	-	i	b	-	2.1
Ulothrix aequalis Kützing	0	2	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	B	-	-	-	-	o	-	1.3
Ulothrix zonata (F.Weber & Mohr) Kützing	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	P-B	-	st-str	ind	i	o-a	-	1.8
EUGLENOZOA																											
Phacus curvicauda Svirenko	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	P-B	-	st	ind	i	b	-	2.25
Phacus limnophilus (Lemmermann) E.W.Linton & A.Karnkowska-Ishikawa	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	P-B	eterm	st-str	-	-	o-b	-	1.5
Trachelomonas bacillifera var. *minima* Playfair	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	-	-	-	-	-	b	-	2.3
Trachelomonas curta A.M.Cunha	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	b	-	2.1
Trachelomonas stokesiana T.C.Palmer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	-	-	-	-	-	b	-	2.2
Trachelomonas superba Svirenko	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P-B	-	st-str	-	-	o-a	-	1.8
Trachelomonas volvocina (Ehrenberg) Ehrenberg var. *volvocina*	3	0	3	0	3	0	3	0	3	0	0	3	0	0	3	3	0	3	3	B	eterm	st-str	ind	i	b	-	2.0
Trachelomonas volvocina var. *derephora* W.Conrad	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	b	-	2.0
Trachelomonas volvocina var. *punctata* Playfair	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	-	-	-	-	-	b	-	2.0