

- 1 **Table 2S.** List of phytoplanktonic taxa with its functional groups (FG) at El Neusa reservoir. All  
 2 the taxa and their authorships were confirmed in Algaebase (Guiry and Guiry 2018).

<b>Cyanophyceae</b>	<b>FG</b>	<b>Bacillariophyceae</b>	<b>FG</b>
<i>Aphanocapsa delicatissima</i> West & G.S.West	M	<i>Amphipleura</i> sp. (Kützing) Kützing	MP
<i>Aphanocapsa elachista</i> West & G.S.West	M	<i>Amphora inariensis</i> Krammer	MP
<i>Aphanothece castagnei</i> (Kützing) Rabenhorst	K	<i>Aulacoseira granulata</i> (Ehrenberg) Simonsen	P
<i>Heteroleibleinia lachneri</i> (W.Zimmermann) <i>Anagnostidis &amp; Komárek</i>	H1	<i>Cyclotella operculata</i> (C.Agardh) Brébisson	B
<i>Merismopedia tranquilla</i> (Ehrenberg) Trevisan	L <sub>0</sub>	<i>Cyclotella planctonica</i> Brunnthaler	B
<i>Microcystis flos-aquae</i> (Wittrock) Kirchner	M	<i>Cymbella minuta</i> Hilse	MP
<i>Trichodesmium lacustre</i> Klebahn	H1	<i>Fragilaria capucina</i> Desmazières	MP
<i>Oscillatoria margaritifera</i> Kützing ex Gomont	H1	<i>Gomphonema acuminatum</i> Ehrenberg	MP
<i>Oscillatoria planctonica</i> Woloszyńska	H1	<i>Gomphonema truncatum</i> Ehrenberg	MP
<i>Oscillatoria tenuis</i> C.Agardh ex Gomont	H1	<i>Halamphora fontinalis</i> (Hustedt) Levkov	D
<i>Pseudanabaena catenata</i> Lauterborn	H1	<i>Melosira varians</i> C.Agardh	MP
<b>Chrysophyceae</b>		<i>Navicula</i> sp.1 (Bory de Saint-Vincent)	MP
<i>Dinobryon divergens</i> O.E.Imhof	E	<i>Tabellaria fenestrata</i> (Lyngbye) Kützing	N
<i>Mallomonas acaroides</i> Zacharias	E	<i>Tabellaria flocculosa</i> (Roth) Kützing	N
<i>Synura uvella</i> Ehrenberg	E		
<b>Xantophyceae</b>		<b>Conjugatophyceae</b>	
<i>Isthmochloron lobulatum</i> (Nägeli) Skuja	J	<i>Closterium aciculare</i> T.West	P
<i>Ophiocytium maius</i> Nägeli	X2	<i>Closterium acutum</i> Brébisson	P
<b>Cryptophyceae</b>		<i>Closterium delpontei</i> (Klebs) Wolle	P
<i>Cryptomonas ovata</i> Ehrenberg	Y	<i>Closterium parvulum</i> Nägeli	P
<i>Plagioselmis lacustris</i> (Pascher & Ruttner) Javornicky	X2	<i>Closterium</i> sp.1 Nitzsch ex Ralfs	P
<i>Rhodomonas lacustris</i> var. <i>nannoplanctica</i> (Skuja) Javornicky	X2	<i>Cosmarium contractum</i> O.Kirchner	N
<b>Dinophyceae</b>		<i>Cosmarium formosulum</i> Hoff	N
<i>Gymnodinium tenuissimum</i> Lauterborn	Y	<i>Cosmarium lobulatum</i> Schmidle	N
<i>Peridinium cinctum</i> (O.F.Müller) Ehrenberg	L <sub>0</sub>	<i>Cosmarium raciborskii</i> Lagerheim	N
<i>Peridinium bipes</i> F.Stein	L <sub>0</sub>	<i>Sphaeroszma vertebratum</i> Brébisson ex Ralfs	N
<i>Ceratium hirundinella</i> (O.F.Müller) Dujardin	Lm	<i>Staurastrum chaetoceras</i> (Schröder) G.M.Smith	P
<b>Euglenophyceae</b>		<i>Staurastrum gracile</i> Ralfs ex Ralfs	P
<i>Colacium gojdisciae</i> (Prescott) Huber- Pestalozzi	W1	<i>Staurastrum leptacanthum</i> Nordstedt	P
<i>Euglena geniculata</i> Dujardin	W1	<i>Staurastrum leptocladum</i> Nordstedt	P
<i>Euglena gracilis</i> G.A.Klebs	W1	<i>Staurastrum pingue</i> Teiling	P
<i>Euglena mutabilis</i> F.Schmitz	W1	<i>Staurastrum sebalidii</i> Reinsch	P
<i>Phacus longicauda</i> (Ehrenberg) Dujardin	W1	<i>Staurastrum triangularis</i> (Lagerheim) Teiling	P
<i>Trachelomonas armata</i> (Ehrenberg) F.Stein	W2	<i>Staurodesmus convergens</i> Ehrenberg ex Ralfs	N
<i>Trachelomonas caudata</i> (Ehrenberg) F.Stein	W2	<i>Staurodesmus curvatus</i> (W.B.Turner) Coesel & Van Geest	N
<i>Trachelomonas planctonica</i> Svirenko	W2	<i>Staurodesmus cuspidatus</i> (Brébisson) Teiling	N
<i>Trachelomonas</i> sp.1 (Ehrenberg)	W2	<i>Staurodesmus dejectus</i> (Brébisson) Teiling	N
<i>Trachelomonas superba</i> Svirenko	W2	<i>Staurodesmus af quiriferus</i> (West & G.S.West) Teiling	N
<i>Trachelomonas varians</i> Skvortzov	W2	<i>Teilingia excavata</i> (Ralfs ex Ralfs) Bourrelly	N
<i>Trachelomonas volvocina</i> (Ehrenberg) Ehrenberg	W2	<i>Teilingia exigua</i> (W.B.Turner) Bourrelly	N
<i>Trachelomonas volvocinopsis</i> Svirenko	W2	<i>Teilingia granulata</i> (J.Roy & Bisset) Bourrelly	N

<b>Chlorophyceae</b>	<b>FG</b>	<b>Chlorophyceae</b>	<b>FG</b>
<i>Ankistrodesmus falcatus</i> (Corda) Ralfs	F	<i>Oocystis natans</i> (Lemmermann) Lemmermann	F
<i>Ankistrodesmus bibraianus</i> (Reinsch) Korshikov	F	<i>Pleodorina californica</i> W.R.Shaw	G
<i>Botryococcus braunii</i> Kützing	F	<i>Quadrigula closterioides</i> (Bohlin) Printz	J
<i>Chlamydocapsa ampla</i> (Kützing) Fott	X2	<i>Scenedesmus acunae</i> Comas González	J
<i>Chlorella</i> sp. Beyerinck (Beijerinck)	X1	<i>Desmodesmus denticulatus</i> (Lagerheim) S.S.An, T.Friedl & E.Hegewald	J
<i>Chloromonas grovei</i> (G.S.West) Gerloff & Ettl in Gerloff	X1	<i>Scenedesmus arcuatus</i> (Lemmermann) Lemmermann	J
<i>Chloromonas ruzickae</i> Fott	X1	<i>Scenedesmus obtusus</i> Meyen	J
<i>Coelastrum microporum</i> Nägeli	J	<i>Scenedesmus acuminatus</i> (Lagerheim) Chodat	J
<i>Coelastrum reticulatum</i> (P.A.Dangeard) Senn	J	<i>Pediastrum duplex</i> Meyen	J
<i>Elakatothrix gelatinosa</i> Wille	N	<i>Pseudopediastrum boryanum</i> (Turpin) E.Hegewald	J
<i>Eudorina elegans</i> Ehrenberg	G	<i>Planktosphaeria gelatinosa</i> G.M.Smith	F
<i>Geminella interrupta</i> Turpin	T	<i>Radiococcus nimbatus</i> (De Wildeman) Schmidle	F
<i>Hindakia tetrachotoma</i> (Printz) C.Bock, Pröschold & Krienitz	L <sub>0</sub>	<i>Raphidocelis danubiana</i> (Hindák) Marvan, Komárek & Comas	F
<i>Kirchneriella lunaris</i> (Kirchner) Möbius	F	<i>Messastrum gracile</i> (Reinsch) T.S.Garcia	J
<i>Kirchneriella phaseoliformis</i> Hortobágyi	F	<i>Sphaerocystis schroeteri</i> Chodat	F
<i>Mucidosphaerium pulchellum</i> (H.C.Wood) C.Bock, Proschold & Krienitz	L <sub>0</sub>	<i>Volvox africanus</i> G.S.West	G
<i>Nephrocytium agardhianum</i> Nägeli	F	<i>Volvox aureus</i> Ehrenberg	G
<i>Oedogonium</i> sp.1 Link ex Hirn	MP	<i>Willea rectangularis</i> (A.Braun) D.M.John, M.J.Wynne & P.M.Tsarenko	J

3 Guiry MD, Guiry GM. c2018. AlgaeBase. World-wide electronic publication, National

4 University of Ireland, Galway. [last accessed: 18 Dec 2018]. <http://www.algaebase.org>