

**Supplementary material**

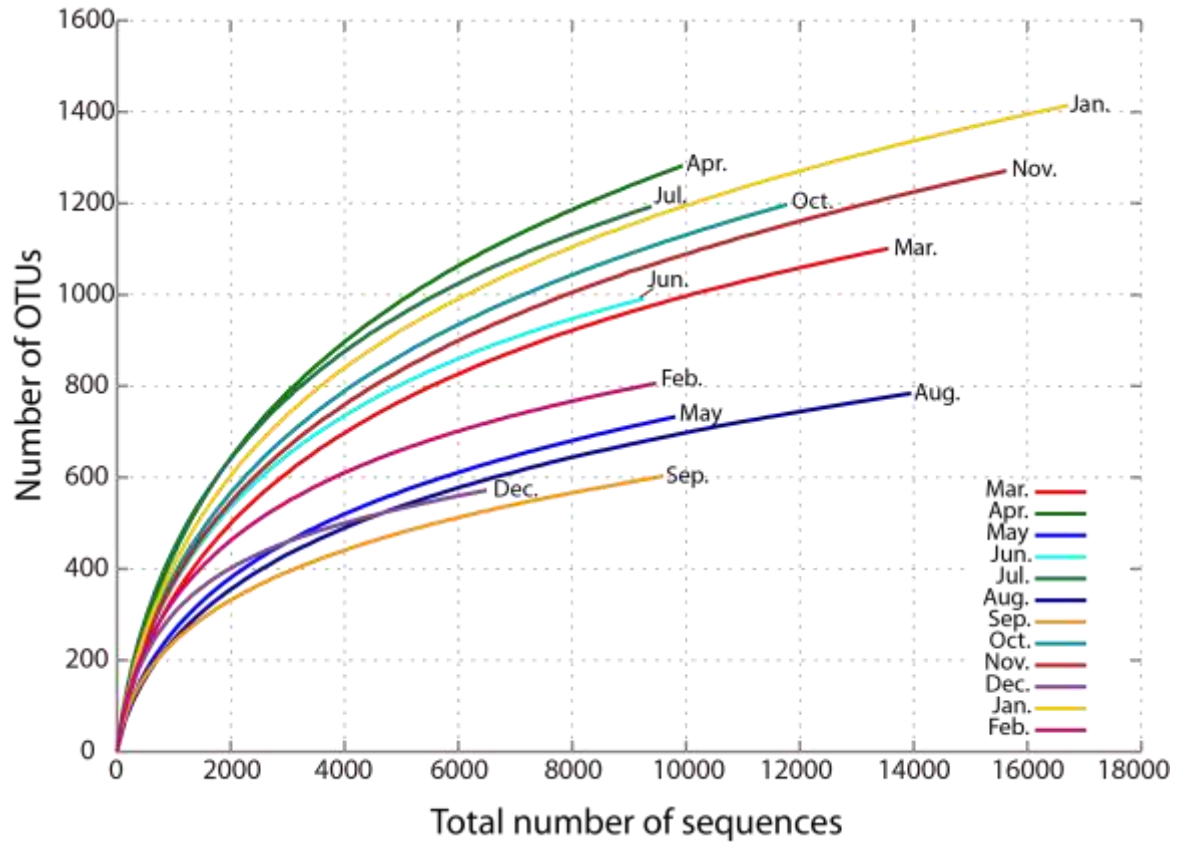
**Unresolved diversity and monthly dynamics of eukaryotic phytoplankton in a temperate freshwater reservoir explored by pyrosequencing**

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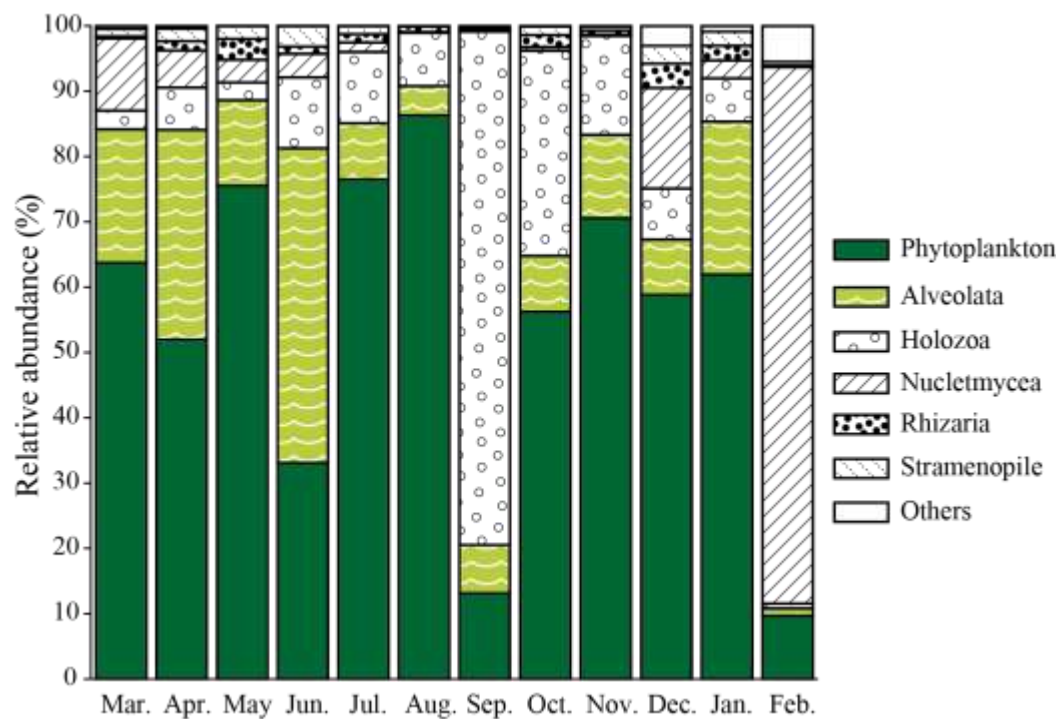
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**Fig. S1.** Rarefaction curves representing the numbers of Operational Taxonomic Units (OTUs) v. the number of tags sampled from pyrosequencing data.



**Fig. S2.** Monthly variation of the microeukaryotic community in Paldang Reservoir recorded during March 2012–February 2013.

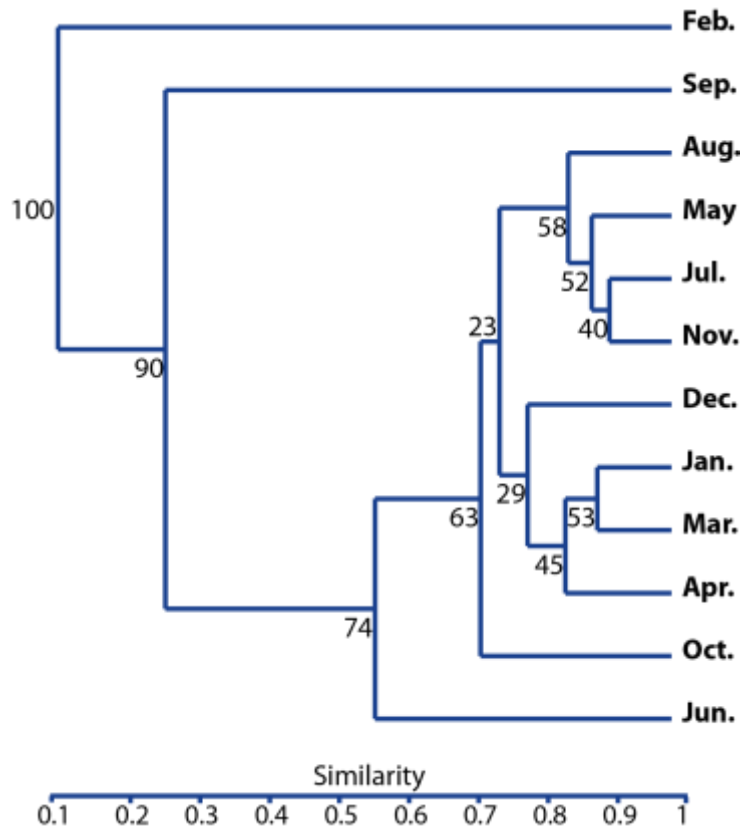
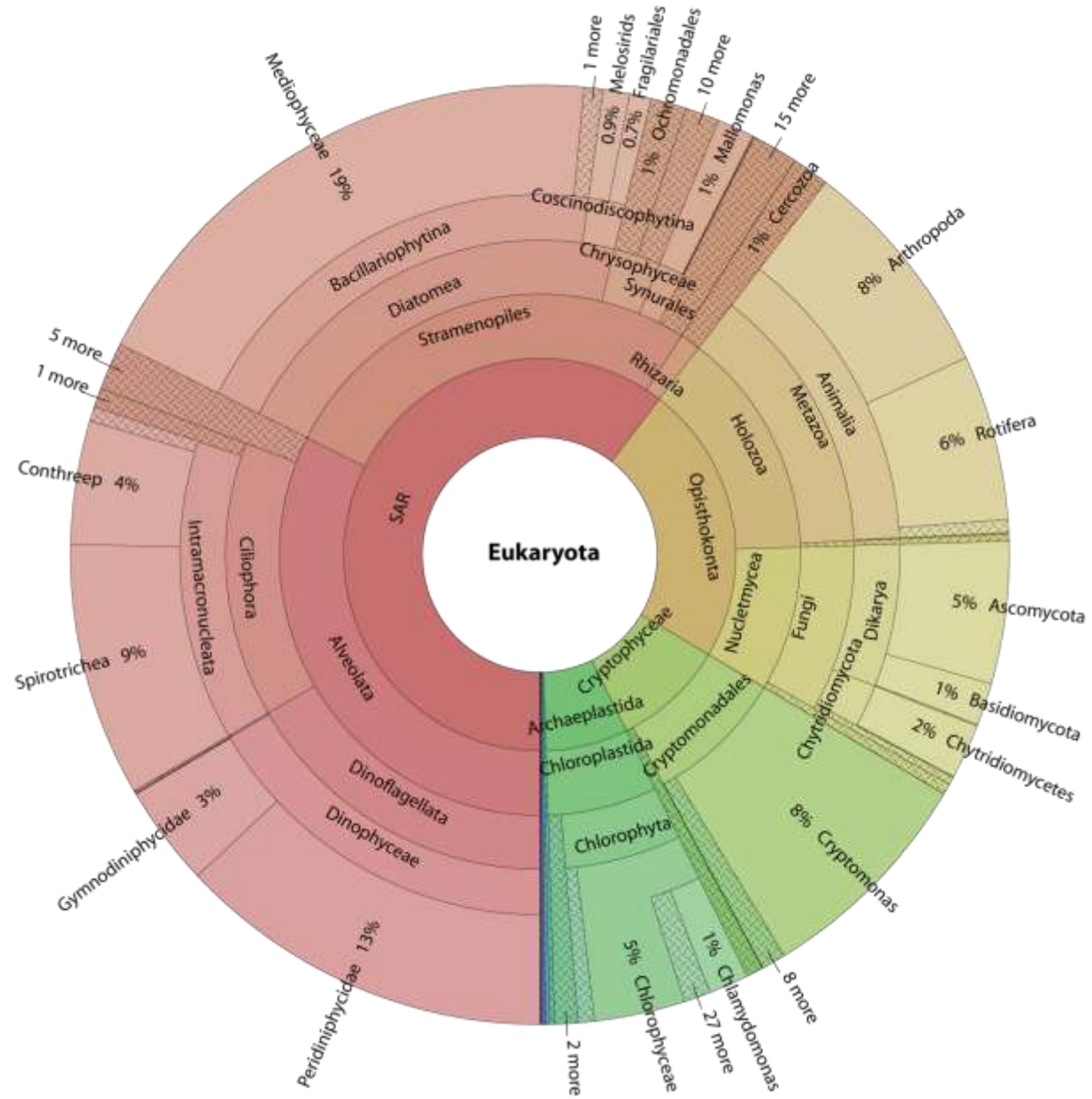
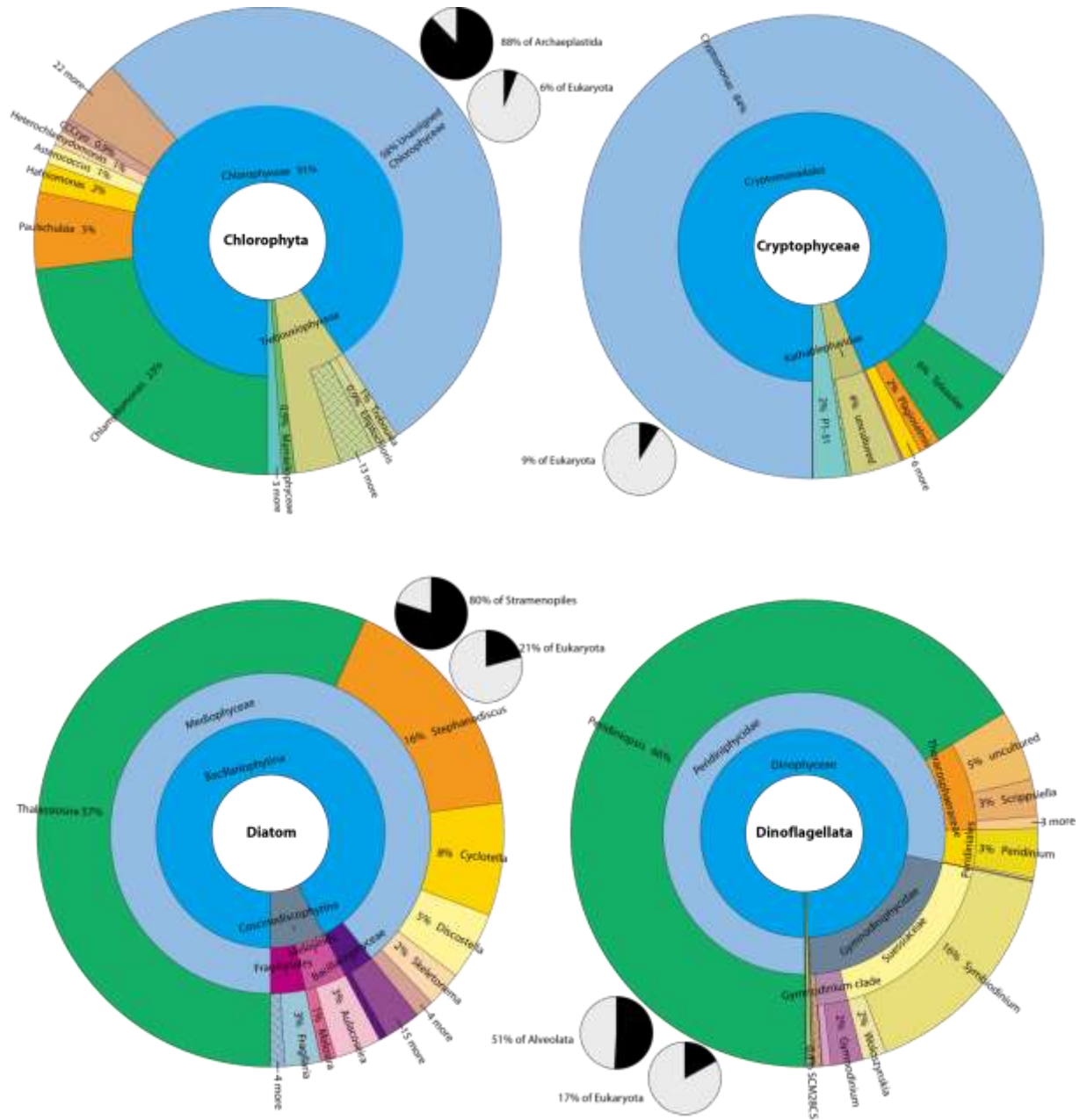


Fig. S3. UPGMA cluster based on Bray-Curtis similarities between sampling months.



**Fig. S4.** Composition of principal eukaryotic taxa from Paldang Reservoir recorded during March 2012–February 2013.



**Fig. S5.** Composition of principal phytoplankton taxa from Paldang Reservoir recorded during March 2012–February 2013.