

Supplementary information

Dynamic adaptation of phytoplankton vertical migration to changing grazing and nutrient conditions

Hydrobiologia

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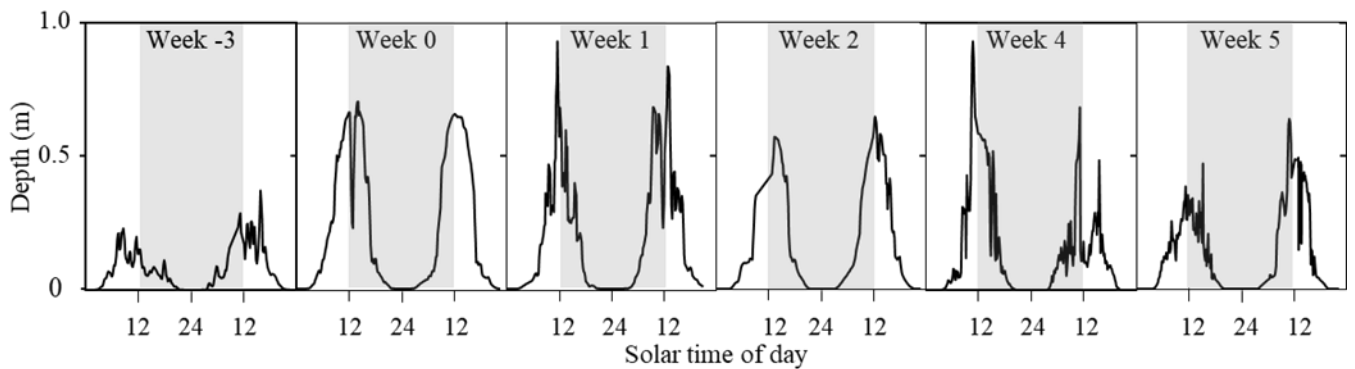


Figure S1 Solar radiation during the sampling days. Shaded area - vertical sampling period

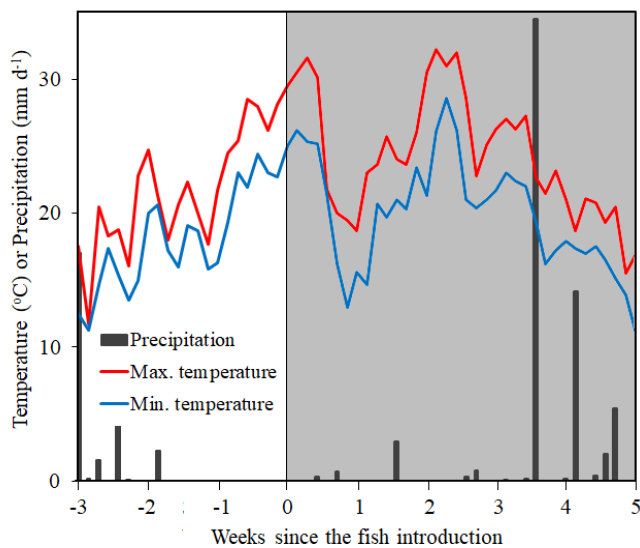


Figure S2 Minimum and maximum air temperature and precipitation during the experiment; week 0 indicates the time of the fish introduction, July 13, 1994

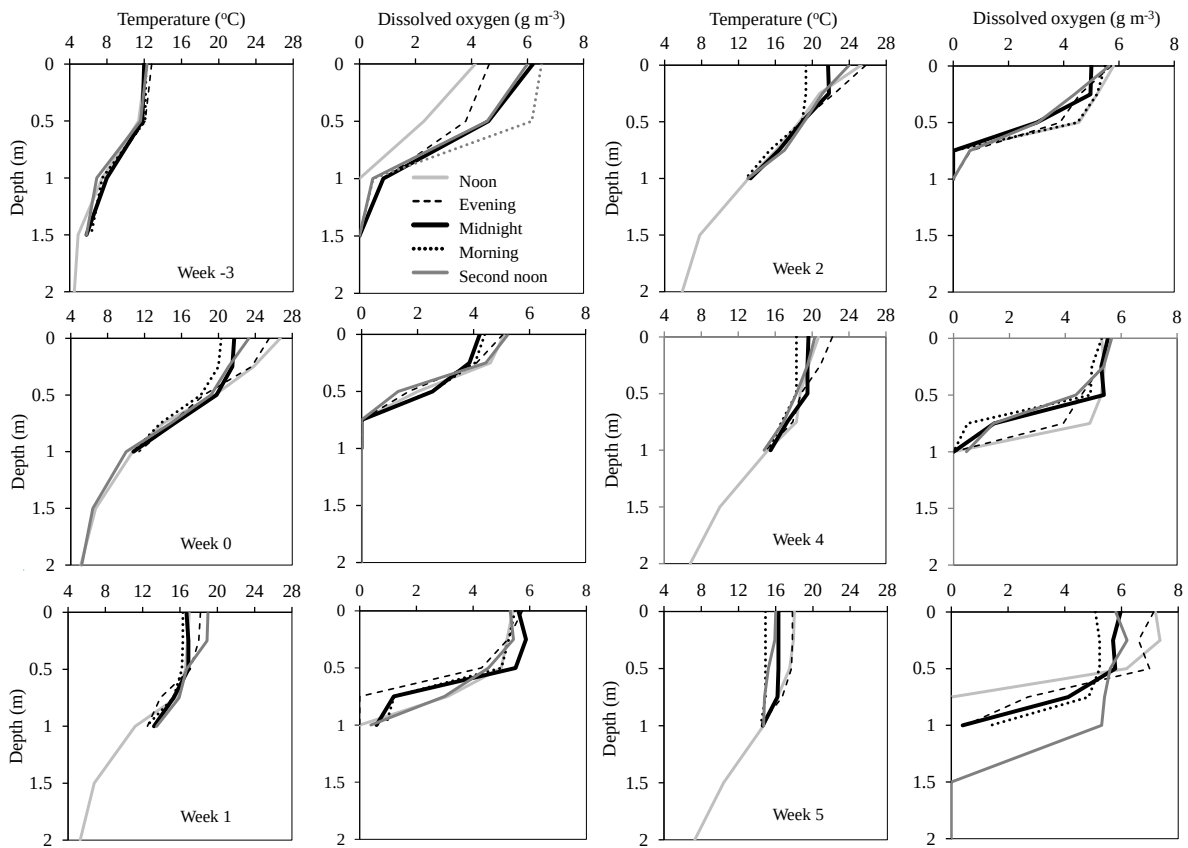


Figure S3 Vertical distribution of temperature and oxygen concentration during the phytoplankton vertical migration sampling days

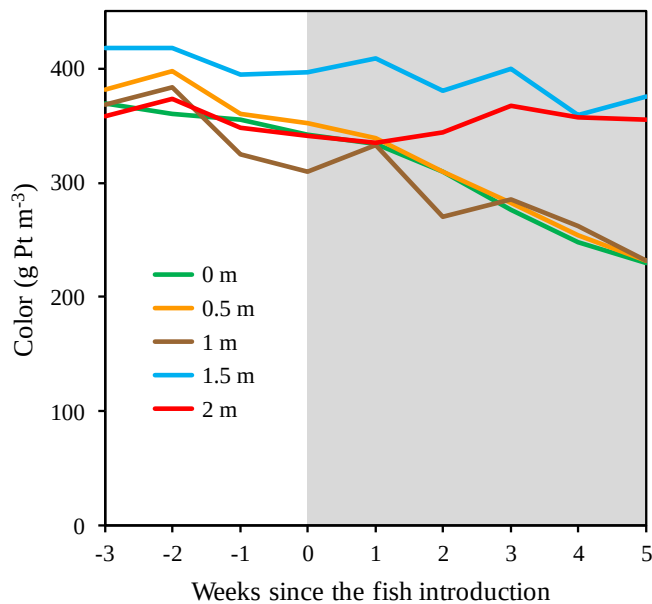


Figure S4 Water colour at different depths of Mekkojärvi during the experiment; week 0 indicates the time of the fish introduction, July 13, 1994

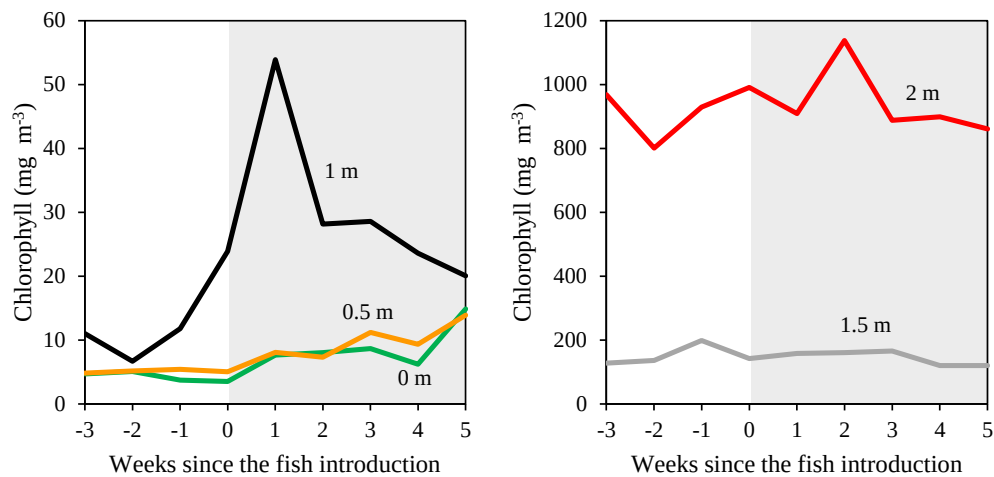


Figure S5 Chlorophyll concentration at different depths of the water column of Mekkojärvi; week 0 indicates the time of the fish introduction, July 13, 1994

Table S1 Rates of increase (day⁻¹) of the dominant phytoplankton taxa integrated over 0–2 m depth after the fish introduction as calculated from the mean abundances of five diel sampling periods (*Mallomonas*) or noon abundances (cryptophytes)

	Interval (days)	Small cryptophytes	Large cryptophytes	<i>Mallomonas akrokomos</i>	<i>Mallomonas caudata</i>	<i>Mallomonas</i> sp.
Week 1	8	0.01	0.03		0.38	0.09
Week 2	7	-0.01	0.03	0.46	0.11	0.02
Weeks 3-4	13	0.09	0.10		0.07	0.06
Week 5	7	0.06	0.05	0.06	-0.03	