Table S1. Linear model of water temperature affected by air temperature and location.

	Coefficients	S.E.	t	p
Intercept (Bergsjøen)	7.09	0.23	30.49	< 0.001
Air temperature	0.72	0.015	48.95	< 0.001
Lake Harasjøen	0.869	0.168	5.16	< 0.001
Lake Rasen	0.189	0.191	0.99	> 0.05
Lake Rokosjøen	0.238	0.168	1.42	> 0.05
$R^2 = 0.660$, $F = 620$, $d.f. = 4, 1279$, $p < 0.001$				

Table S2. Non-parametric Spearman correlation tests between relative year-class strength (YCS) and perch and roach and monthly mean air temperatures.

Sample	X_1	$X_2 = T_{JulAug}$	$X_2 = $ 1+ perch abundance.
Lake Bergsjøen	YCS_{Perch} 1993	$rho = 0.929$, $p < 0.01$	
Lake Bergsjøen	YCS_{Perch} 2006 - 2009	$rho = -0.286$, $p > 0.05$	
Lake Rasen	YCS_{Perch}	$rho = 0.929$, $p < 0.01$	
Lake Harasjøen	YCS_{Perch}	$rho = 0.834$, $p < 0.001$	
Lake Rokosjøen	YCS_{Perch}	$rho = 0.642$, $p < 0.01$	
Lake Harasjøen	YCS_{Roach}	$rho = 0.318$, $p > 0.05$	$rho = - 0.055$, $p > 0.05$
Lake Rokosjøen	YCS_{Roach}	$rho = 0.467$, $p > 0.05$	$rho = - 0.406$, $p > 0.05$