

Appendix

Table A1. Values of the measured environmental variables per depth (10, 30, 50 cm below the surface) and time of the day during the three 24-hour periods, listed separately for records next to the macrophytes (NM) and in the central part (CP). The values of different depths are separated by hyphens and listed in order from the surface to the bottom. Abbrev. for the different times of day: R = sunrise, M = mid-day, S = sunset, N = night.

	July			August			September		
	NM	CP	NM	NM	CP	CP	NM	CP	CP
T (°C)	R	19.4–19.4–18.4	19.5–19.5–18.1	17.9–17.9–16.7	17.9–17.2–17.2	15.4–15.3–15.3	15.4–15.3–15.3	15.2–15.3–15.2	
	M	23.5–21.0–18.7	22.4–21.7–19.0	20.6–19.7–19.1	20.0–19.3–18.8	16.2–15.8–15.6	16.2–15.8–15.6	16.0–15.5–15.4	
	S	24.5–22.5–19.5	24.6–22.9–19.7	22.9–21.0–18.3	21.9–21.0–18.1	20.0–17.0–16.0	20.0–17.0–16.0	19.5–17.6–16.4	
	N	20.8–20.8–19.7	21.3–21.1–19.9	19.7–19.7–18.5	20.0–20.1–19.4	17.0–16.8–16.3	17.0–16.8–16.3	16.5–16.5–16.0	
pH	R	7.0–6.8–6.7	7.0–6.8–6.7	7.1–7.1–6.8	7.1–7.1–6.9	7.5–7.5–7.4	7.5–7.5–7.4	7.5–7.5–7.4	
	M	7.0–6.5–6.2	7.0–6.6–6.4	7.4–7.1–6.6	7.2–6.9–6.6	7.0–6.9–6.8	7.0–6.9–6.8	7.3–7.3–7.2	
	S	6.8–6.7–6.5	6.8–6.6–6.5	6.9–6.8–6.5	7.0–6.7–6.7	7.5–7.3–7.3	7.5–7.3–7.3	7.5–7.4–7.3	
	N	6.8–6.6–6.6	6.8–6.5–6.5	7.0–6.9–6.4	6.9–6.8–6.3	7.5–7.5–7.3	7.5–7.5–7.3	7.5–7.4–7.3	
Conductivity ($\mu\text{S cm}^{-1}$)	R	829.7–843.6–885.3	830.9–842.2–884.3	793.9–800.0–835.0	791.4–789.2–830.7	835.0–838.6–850.1	835.0–838.6–850.1	848.6–849.6–865.0	
	M	800.0–834.3–860.0	800.8–835.3–879.9	809.0–821–850.6	800.0–802.0–844.4	829.2–833.1–848.8	829.2–833.1–848.8	834.4–831.6–848.7	
	S	801.1–860.0–880.0	805.4–858.0–877.3	790.8–815.5–836.0	790.2–839.5–843.0	818.1–840.0–847.4	818.1–840.0–847.4	813.0–841.6–848.3	
	N	788.5–835.3–880.5	795.2–829.9–875.0	810.2–821.1–861.9	800.6–793.6–843.8	831.4–834.2–843.8	831.4–834.2–843.8	833.5–833.7–840.8	
Turbidity (NTU)	R	17.1–11.9–9.5	16.7–13.6–9.5	0.8–6.3–4.7	2.5–4.0–5.5	2.5–9.7–10.8	2.5–9.7–10.8	9.2–11.3–11.1	
	M	0.7–7.2–15.1	1.3–9.9–17.1	0.0–7.2–17.5	3.0–2.5–10.2	1.6–2.7–2.7	1.6–2.7–2.7	0.0–3.3–1.4	
	S	13.5–41.0–82.0	22.0–37.0–48.0	0.0–22.0–40.0	6.8–16.4–37.0	6.0–17.0–16.0	6.0–17.0–16.0	7.5–16.8–4.8	
	N	10.0–12.2–14.8	11.3–12.4–13.2	6.2–0.0–4.0	1.9–2.8–5.8	0.0–0.0–3.5	0.0–0.0–3.5	2.5–4.3–0.9	
DO (%)	R	1.3–0.9–0.4	0.6–0.3–0.0	4.0–3.3–1.8	3.7–2–1.1	0.0–0.0–0.0	0.0–0.0–0.0	0.0–0.0–0.0	
	M	39.7–3.0–1.8	32.4–2.3–1.4	17.7–2.9–1.5	12.4–2.0–1.0	2.8–1.0–0.3	2.8–1.0–0.3	4.1–0.3–0.0	
	S	6.5–1.4–0.9	6.1–1.3–0.8	11.2–2.7–2.3	11.1–1.8–1.7	11.0–1.6–0.5	11.0–1.6–0.5	22.3–3.5–1.0	
	N	2.7–1.7–1.3	1.8–1.1–0.7	9.5–6.1–1.9	8.4–4.4–1.9	7.6–2.9–1.8	7.6–2.9–1.8	6.1–3.2–1.2	

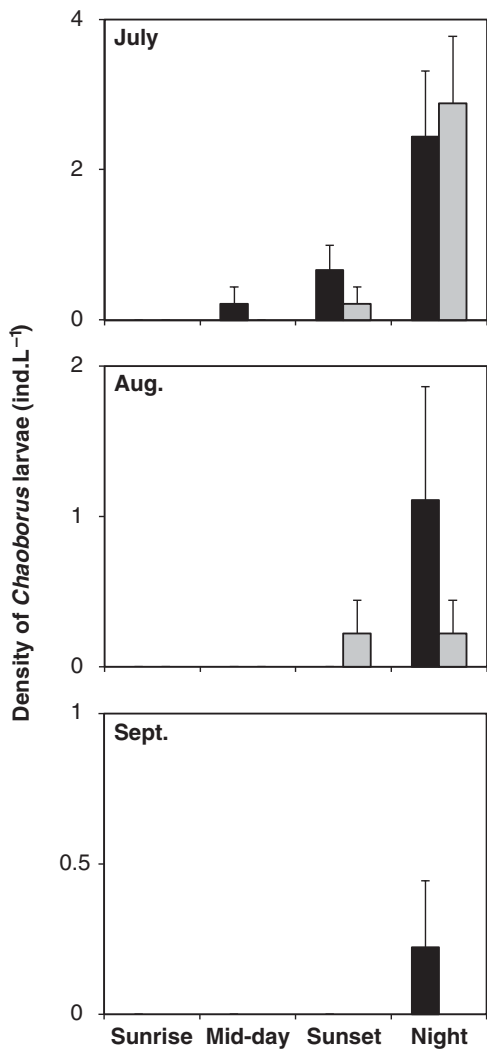


Fig. A1. Diurnal occurrence of *Chaoborus* larvae during the three 24-hour periods. Data represent the mean densities (+1 SE) occurring in the zooplankton samples calculated for all the nine samples per site, including both horizontal and vertical replicates. Shading is as in Figure 2.