Microb Ecol (2015) 70:299–300
DOI 10.1007/s00248-014-0555-6

ERRATUM

Erratum to: Linking Host Prokaryotic Physiology to Viral Lifestyle Dynamics in a Temperate Freshwater Lake (Lake Pavin, France)

S. Palesse · J. Colombet · A. S. Pradeep Ram · T. Sime-Ngando

Published online: 23 December 2014

Erratum to: Microb Ecol (2014)
DOI 10.1007/s00248-014-0441-2

The original version of the article unfortunately contains mistake on Tables 1 and 2. The significant letter b for these tables under columns META and HYPO are missing. Please see below corrected version of Tables 1 and 2.

Table 1 Mean (range) environmental and microbial characteristics of epi-. meta- and hypolimnion of Lake Pavin. April – September 2011

Parameters	Mean (Range)[a]		
	EPI	META	HYPO
Water temperature (°C)[c]	15.3 (9.2–19.6)	8.4 (4.8–14.8)	4.2 (4.1–4.3)
Dissolved Oxygen (mg l^{-1})[c]	9.6 (8.4–11.4)	12.7 (8.7–15.8)	5.0 (3.6–6.8)
Chlorophyll *a* (μg l^{-1})	2.3 (0.9–4.6) [a]	7.0 (1.4–12.9)[a,b]	1.5 (0.4–2.7) [b]
Viral abundance (10^7 ml^{-1})	2.8 (0.8–4.4) [a]	3.5 (1.5–6.6) [b]	0.6 (0.2–1.1)[a,b]
Prokaryotic abundance (10^6 cells ml^{-1})	1.8 (0.6–3.2) [a]	2.3 (0.7–4.0) [b]	0.7 (0.4–1.0)[a,b]
LNA prokaryotic abundance (10^6 cells ml^{-1})	1.1 (0.2–1.9) [a]	1.2 (0.4–2.6) [b]	0.4 (0.2–0.5)[a,b]
HNA prokaryotic abundance (10^6 cells ml^{-1})	0.7 (0.1–1.8) [a]	1.0 (0.3–2.3) [b]	0.3 (0.1–0.6)[a,b]
Proportions of HNA cells (%)	39.7 (11.2–61.3)	44.0 (22.1–69.8)	42.4 (22.1–57.6)
Proportion of damaged prokaryotic cells (%)	32.8 (21.0–49.1)	37.3 (19.4–57.0)	38.0 (21.1–57.1)
Virus-to-prokaryote ratio	16.8 (7.5–27.1) [a]	16.3 (9.6–30.1) [b]	8.9 (4.4–12.7)[a,b]
Frequency of infected cells (%)	16.3 (6.3–39.6) [a]	21.5 (5.8–36.6) [b]	10.3 (2.4–34.8)[a,b]
Frequency of lysogenic cells (%)	1.9 (0–11.1) [a]	0.7 (0–5.3) [b]	0.2 (0–1.4)[a,b]
Burst size (virus $prokaryote^{-1}$)	40 (19–118)	42 (23–73)	40 (16–182)

Pairs of [a] or of [b] indicate a significant difference between two of the three layers (Dunn's test. $p < 0.05$)

[c] Significant differences between the three layers (Kruskal Wallis. $p < 0.05$)

The online version of the original article can be found at http://dx.doi.org/10.1007/s00248-014-0441-2.

S. Palesse · J. Colombet · A. S. Pradeep Ram (✉) · T. Sime-Ngando
Laboratoire Microorganismes: Génome et Environnement, UMR CNRS 6023 Clermont Université, Université Blaise Pascal, BP 80026, 63171 Aubière Cedex, France
e-mail: Pradeep_Ram.ANGIA_SRIRAM@univ-bpclermont.fr

Table 2 Variances in environmental and microbiological parameters of epi-. meta- and hypolimnion of Lake Pavin. April – September 2011

Parameters	Observed variance			p-value	
	EPI	META	HYPO	Bartlett's test	Fligner's test
Water temperature	8.65[a]	2.68[b]	0.01[a,b]	p<0.0001	–
Dissolved Oxygen	0.64[a]	4.69[a,b]	0.74[b]	p<0.0001	–
Chlorophyll *a*	1.47 [a]	13.80[a,b]	0.60 [b]	p<0.0001	–
Viral abundance($x10^{13}$)	3.95 [a]	13.18 [b]	0.58[a,b]	p<0.0001	–
Prokaryotic abundance($x10^{11}$)	5.07 [a]	7.40 [b]	0.40[a,b]	–	p=0.0064
HNA prokaryotic abundance($x10^{11}$)	1.65 [a]	3.44 [b]	0.18[a,b]	p<0.0001	–
LNA prokaryotic abundance($x10^{11}$)	2.44 [a]	2.25 [b]	0.07[a,b]	p<0.0001	–
Proportion of damaged prokaryotic cells	91.88	163.99	133.09	ns	–
Frequency of infected cells	59.55	46.56	45.13	–	ns
Frequency of lysogenic cells [c]	7.60	1.61	0.07	–	p=0.011

Pairs of [a] or of [b] indicate a significant difference of variance between two of the three layers (Fisher-Snedecor. p<0.05)

ns not significant

[c] Significant difference between each of the three layers