



Fig. A1. Frequency histograms summarizing the dataset of total phosphorus (TP), particulate carbon (partC), phosphorus:carbon ratios (P:C), and EPA:C ratios. All unique TP observations were included in the TP distribution graph and 30 TP observations from the EPA:C dataset were added ($n = 485+30$). n = number of observations.

Table A1. Number of samples and sources of the compiled data of total phosphorus (TP), particulate carbon (partC), and P:C ratios.

TP	PartC	P:C	Sampling season	Source
1		1	April	Aizaki, M. and Otsuki, A. 1987. – <i>Jpn J. Limnol.</i> 48: 99–106.
2	2	2	Entire year	Blomqvist, P. et al. 1995. – <i>Can. J. Fish. Aquat. Sci.</i> 52: 551–565.
5		5	Entire year	Brett, M. T., unpubl.
9	9	9	April – October	Broberg, O. 1987. – <i>Hydrobiologia</i> 150: 11–24.
1		1	Entire year	De Haan, H. and De Boer, T. 1986. – <i>Freshwater Biol.</i> 16: 661–672.
3	3	3	May – October	Demott, W. R. and Gulati, R. D. 1999. – <i>Limnol. Oceanogr.</i> 44: 1557–1564.
1		1	Summer	Elser, J. J. and George, N. B. 1993. – <i>J. Plankton Res.</i> 15: 977–992.
2	2	2	Summer	Elser, J. J. et al. 1998. – <i>Ecoscience</i> 5: 120–136.
118	118	118	May – October	Fee E. J. et al. 1989. – <i>Can. Tech. Rep. Fish. Aquat. Sci.</i> 1662: 1–39.
9		9	June – September	Guildford, S. J. et al. 1994. – <i>Can. J. Fish. Aquat. Sci.</i> 51: 2769–2786.
2		2	Not available	Guildford, S. J. and Hecky, R. E. 2000. – <i>Limnol. Oceanogr.</i> 45: 1213–1223.
1	1	1	May – November	Halfon, E. J. 1984. – <i>Great Lakes Res.</i> 10: 299–306.
51	51	51	Ice-free season	Hecky, R. E. et al. 1993. – <i>Limnol. Oceanogr.</i> 38: 709–724.
125		125	May – September	Hessen, D. O. and the Norw. Inst. Water Res., unpubl.
5		5	April – December	Hochstädter, S. 2000. – <i>Freshwater Biol.</i> 44: 453–63.
9	9	9	April – November	Johengen, T. H. et al. 1995. – <i>Great Lakes Res.</i> 21: 449–464.
11	11	11	August	Jones, J., unpubl.
30	30	30	July and September	Kunz, T. J. and Diehl, S. 2003. – <i>Freshwater Biol.</i> 48: 1050–1063.
13	13	13	May – October	Lindström, E., unpubl.
1	1	1	Entire year	Mukanomeje, R. et al. 1993. – <i>Hydrobiologia</i> 257: 107–120.
3	3	3	Late monsoon – dry season	Nakanishi, M. et al. 1988. – <i>Jpn J. Limnol.</i> 49: 71–86.
1	1	1	June – September	Ojala, A. et al. 2003. – <i>Aquat. Sci.</i> 65: 287–296.
6	6	6	April – September	Persson, J. et al., unpubl.
20	20	20	April – October	Persson, J. and Vrede, T., unpubl.
1	1	1	Entire year	Reuter, J. E. et al. 1993. – <i>Hydrobiologia</i> 267: 179–189.
19	19	19	March and summer	Shortreed, K. S. and Stockner, J. G. 1986. – <i>Can. J. Fish. Aquat. Sci.</i> 43: 110–134.
2		2	Entire year	Serner, R. W. 1994. – <i>Limnol. Oceanogr.</i> 39: 545–550.
16		16	July – August	Serner, R. W. et al. 1997. – <i>Am. Nat.</i> 150: 663–684.
1		1	May – October	Tezuka, Y. 1985. – <i>Jpn. J. Limnol.</i> 46: 239–246.
2	2	2	June – August	Vanni, M. J. et al. 1997. – <i>Ecology</i> 78: 1–20.
3		3	Summer and Autumn	Villar-Argaiz, M. et al. 2001. – <i>Freshwater Biol.</i> 46: 1017–1034.
10	10	10	July – October	Vrede, K., unpubl.
2	2	2	April – October	Vrede, T., unpubl.
Σ	485	314	485	