

Nakano Publications (until 6 Oct 2016)

(a) Original papers

1. Takasu, H., Nakano, S. (in press) Growth and mortality rates of prokaryotes in the hypolimnion of a deep freshwater lake (Lake Biwa, Japan). *Inland Waters*.
2. Okazaki, Y., Nakano, S. (in press) Vertical partitioning of freshwater bacterioplankton community in a deep mesotrophic lake with a fully oxygenated hypolimnion (Lake Biwa, Japan). *Environ. Microbiol. Rept.*
3. Mukherjee, I., Hodoki, Y., Nakano, S. (2015) Kinetoplastid flagellates overlooked by universal primers dominate in the oxygenated hypolimnion of Lake Biwa, Japan. *FEMS Microb. Ecol.* 91 fiv083
4. Tanabe Y, Okazaki Y, Yoshida M, Matsuura H, Kai A, Shiratori T, Ishida K, Nakano S, Watanabe MM. (2015) A novel alphaproteobacterial ectosymbiont promotes the growth of the hydrocarbon-rich green alga *Botryococcus braunii*. *Scientific Reports* 5 doi:10.1038/srep10467
5. Nishino, H., Y. Hodoki, S. D. Thottathil, K. Ohbayashi, Y. Takao and S. Nakano (2015) Identification of species and genotypic compositions of *Cryptomonas* (Cryptophyceae) populations in the eutrophic Lake Hira, Japan, using single-cell PCR. *Aquat. Ecol.* 49: 263-272.
6. Takasu, H., M. Ushio, J. E. LeClair, S. Nakano (2015) High contribution of *Synechococcus* to phytoplankton biomass in the aphotic hypolimnion in a deep freshwater lake (Lake Biwa, Japan). *Aquat. Microb. Ecol.* 75: 69-79. doi:10.3354/ame01749
7. Kobayashi, Y., Y. Hodoki, K. Ohbayashi, N. Okuda, S. Nakano (2015) Changes in bacterial community structure associated with phytoplankton succession in outdoor experimental ponds. *Plankton Benthos Res.* 10: 34-44.
8. Chang, K.-H., H. Doi, Y. Nishibe, G.-S. Nam, S. Nakano (2014) Feeding behavior of the copepod *Temora turbinata*: clearance rate and prey preference on the diatom and microbial food web components in coastal area. *J. Ecol. Environ.* 37: 225-229.
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10. Takasu, H., T. Kunihiro, S. Nakano (2014) Protistan grazing and viral lysis losses of bacterial carbon production in a large mesotrophic lake (Lake Biwa). *Limnology* 15: 257-270
11. Thottathil, S., K. Hayakawa, Y. Hodoki, C. Yoshimizu, Y. Kobayashi, S. Nakano (2013) Biogeochemical control on fluorescent dissolved organic matter dynamics in a large freshwater lake (Lake Biwa, Japan). *Limnol. Oceanogr.* 58: 2262-2278
12. Hodoki, Y., Ohbayashi, K., Kobayashi, Y., Takasu, H., Okuda, N., and Nakano, S. (2013) Anatoxin-a-producing *Raphidiopsis mediterranea* Skuja var. *grandis* Hill is one ecotype of non-heterocytous *Cuspidothrix issatschenkoi* (Usac'ev) Rajaniemi et al. in Japanese lakes. *Harmful Algae* 21-22: 44-53.
13. Doi, H., K.-H. Chang, Y. Nishibe, H. Imai and S. Nakano (2013) Lack of congruence between species diversity indices and community structures of planktonic groups based on local environmental factors. *PLOS ONE*, DOI: 10.1371/journal.pone.0069594
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15. Chang, K.-H., H. Imai, K. Ayukawa, S. Sugahara, S. Nakano, Y. Seike (2013) Impact of improved bottom hypoxia on zooplankton community in shallow eutrophic lake. *Knowledge and Management of Aquatic Ecosystems* 408, 03, <http://dx.doi.org/10.1051/kmae/2013038>
16. Takasu, H., T. Kunihiro and S. Nakano (2013) Estimation of carbon biomass and community structure of planktonic bacteria in Lake Biwa using respiratory quinone analysis. *Limnology* 14: 247-256
17. Ohbayashi K, Hodoki Y, Kobayashi Y, Okuda N, Nakano S. (2013) Genotypic composition and the relationship between genotypic composition and geographical proximity of the cyanobacterium *Microcystis aeruginosa* in western Japan. *Canadian Journal of Microbiology* 59: 266-272
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19. Okazaki, M., Hodoki, Y. and Nakano, S. (2013) Seasonal dominance of CL500-11 bacterioplankton (Phylum *Chloroflexi*) in the oxygenated hypolimnion of Lake Biwa, Japan. *FEMS Microbiol Ecol* 83: 82-92
20. Kobayashi, Y., Hodoki, Y., Ohbayashi, K., Okuda, N., Nakano, S. (2013) Grazing impact on the cyanobacterium *Microcystis aeruginosa* by the heterotrophic flagellate *Collodictyon triciliatum* in an experimental pond. *Limnology* 14: 43-49
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22. Hodoki, Y., Ohbayashi, K., Kobayashi, Y., Okuda, N., and Nakano, S. (2012) Detection and identification of potentially toxic cyanobacteria: ubiquitous distribution of *Microcystis aeruginosa* and *Cuspidothrix issatschenkoi* in Japanese lakes. *Harmful Algae* 16: 49-57.
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37. Katano, T., S. Nakano, H. Ueno, O. Mitamura, K. Anbutsu, M. Kihira, Y. Satoh, T. Satoh, V. Drucker, Y. Tanaka, Y. Akagashi, and M. Sugiyama (2008) Abundance and composition of the summer phytoplankton community along a transect from the Barguzin River to the central basin of Lake Baikal. *Limnology* 9: 243-250.
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(b) Reviews

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