

Contents

Baldi lecture

Kumagai, M.: Lake Biwa in the context of world lake problems	1
--	---

Plenary lecture

Chapman, L.J., Chapman, C.A., Kaufman, L., Witte, F. and J. Balirwa: Biodiversity conservation in African inland waters: Lessons of the Lake Victoria region	16
Iwakuma, T., Yulintine and Gumiri, S.: The importance of zoobenthos in the ecosystems of tropical oxbow lakes	35
Eckert, W. and Yacobi, Y.Z.: Nitrogen and phosphorus dynamics during <i>Peridinium gatunense</i> (Dinoflagellata) blooms in Lake Kinneret	42
Yacobi, Y.Z. and Nishri, A.: Cellular phosphorus charging: the distinctive case of the bloom-forming dinoflagellate <i>Peridinium gatunense</i> (Dinophyceae)	46
Nishimura, P.Y., Moschini-Carlos, V., Pompêo, M.L.M., Gianessella-Galvão, S.M.F. and Saldanha-Corrêa, F.M.P.: Phytoplankton primary productivity in Rio Grande and Taquacetuba branches (Billings Reservoir, Sao Paulo, Brazil)	50
Capello, H.E. and Ochs, C.A.: Phytoplankton primary production in the Lower Mississippi River, U. S. A.	53
Ochs, C.A. and Capello, H.E.: Bacterioplankton production in the Lower Mississippi River	57
Kibichii, S., Baars, J.-R. and Kelly-Quinn, M.: Vertical and lateral patterns in hydrochemical characteristics of the hyporheic habitats of the Delour River, Co. Laois, Ireland	60
Masson, C.: The Great Lakes Gordian Knot: Governance for aquatic ecosystem health, integrity, and risk management	65
Jones, I. and Maberly, S.C.: Automatic in-lake monitoring in the English Lake District: The effect of lake size on stratification	70
Wallace, R.L., Walsh, E.J., Schröder, T., Rico-Martínez, R. and Rios-Arana, J.V.: Species composition and distribution of rotifers in Chihuahuan Desert waters of México: is everything everywhere?	73
Campbell, C.E. and Knoechel, R.: Species occurrences of microcrustacean zooplankton in Labrador, Canada	77
Hamza, W.: Nutritive contribution of Sahara dust to aquatic environment productivity: A laboratory experimental approach	82
Honti, M., Istvánovics, V. and Kozma, Z.: Assessing phytoplankton growth in River Tisza (Hungary)	87
LeBlanc, S. Pick F.R. and Hamilton P.B.: Fall cyanobacterial blooms in oligotrophic-to-mesotrophic temperate lakes and the role of climate change	90
Crane, V.C. and Culver, D.A.: Trends in the western Lake Erie zooplankton community: Evidence for top-down control by age-0 percids	95
Atanasova, N., Gal, G. and Kompare, B.: Modelling dinoflagellate dynamics in Lake Kinneret	100
Istvánovics, V. and Honti, M.: Longitudinal variability in phytoplankton and basic environmental drivers along the Tisza River, Hungary	105
Kominoski, J.S., Pringle, C.M. and Ball, B.A.: Invasive woolly adelgid appears to drive seasonal hemlock and carcass inputs to a detritus-based stream	109
Pierson, D.C., Gelda, R.K., Effler, S.W., O'Donnell, D.M. and Prestigiacomo, A.R.: Use of automated monitoring to estimate the load of turbidity entering a drinking water reservoir	113
Das, B., Nordin, R. and Mazumder, A.: Aminopeptidase activity in lake sediments	117
Scheer, M., Röske, I. and Röske, K.: An investigation of Betaproteobacteria in the floodplain area of the National Park Unteres Odertal (Germany)	122

Ervin, G.N.: Applying the state-of-the-art to advance the state of our understanding in integrated hydrophyte ecology 128

Madsen, B.L.:A new respiratory adaptation in some stream waterbeetles 133

Harris, G.: Water in the landscape: big problems, big money, much uncertainty (Abstract) 136

Timm, H. and Möls, T.: Do shallow-water macroinvertebrate assemblages correspond to physico-chemical habitats of streams and lakes? 138

Inoue, E., Kawai, K. and Imabayashi, H.: Species microdistribution of larval Chironomidae (Diptera) on riverbed cobbles at riffles: a quantification using artificial substrates 141

Leland, H.V. and Frey, J.W.: Phytoplankton growth and assembly in relation to nutrient supply and other environmental factors in the White River Basin, Indiana (U. S.) 147