Publications

K. David Hambright
Regents' Professor, School of Biological Sciences
730 Van Vleet Oval, 411C Richards Hall
Norman, OK 73019
(405) 325-6200
dhambright@ou.edu

Peer-reviewed articles and book chapters

93. Glidewell, D., J.E. Beyer, and K.D. Hambright. 2025. Microcystin bioaccumulates but does not biomagnify in an experimental aquatic food chain. *Harmful Algae* 141:102768. doi: 10.1016/j.hal.2024.102768.

92. Cai, H., C.J. McLimans, H. Jiang, F. Chen, L.R. Krumholz, K.D. Hambright. 2024. Aerobic anoxygenic phototrophs play important roles in nutrient cycling within cyanobacterial *Microcystis* bloom microbiomes. *Microbiome*. doi: 10.1186/s40168-024-01801-4.

91. Cook, K.V., J.E. Beyer, X. Xiao, and K.D. Hambright. 2023. Ground-based remote sensing provides alternative to satellites for monitoring cyanobacteria in small lakes. *Water Research*. doi: 10.1016/j.watres.2023.120076.

90. Cai, H., C.J. McLimans, J.E. Beyer, L.R. Krumholz, and K.D. Hambright. 2023. *Microcystis* pangenome reveals cryptic diversity within and across morphospecies. *Science Advances*. doi: 10.1126/sciadv.add3783.

89. Pilla, R.M., C.E. Williamson, B.V. Adamovich, R. Adrian, O. Anneville, S. Chandra, W. Colom-Montero, S.P. Devlin, M.A. Dix, M.T. Dokulil, E.E. Gaiser, S.F. Girdner, K.D. Hambright, D.P. Hamilton, K. Havens, D.O. Hessen, S.N. Higgins, T.H. Huttula, H. Huuskonen, P.D.F. Isles, K.D. Joehnk, I.D. Jones, W.B. Keller, L.B. Knoll, J. Korhonen, B.M. Kraemer, P.R. Leavitt, F. Lepori, M.S. Luger, S.C. Maberly, J.M. Melack, S.J. Melles, D.C. Müller-Navarra, D.C. Pierson, H.V. Pislegina, P.-D. Plisnier, D.C. Richardson, A. Rimmer, M. Rogora, J.A. Rusak, S. Sadro, N. Salmaso, J.E. Saros, É. Saulnier-Talbot, D.E. Schindler, M. Schmid, S.V. Shimaraeva, E.A. Silow, L.M. Sitoki, R. Sommaruga, D. Straile, K.E. Strock, W. Thiery, M.A. Timofeyev, P. Verburg, R.D. Vinebrooke, G.A. Weyhenmeyer, E. Zadereev. 2021. Global data set of long-term summertime vertical temperature profiles in 153 lakes. *Scientific Data* 8:200. doi: 10.1038/s41597-021-00983-y.

88. Li, C., K.D. Hambright, H.G. Bowen, M.A. Trammell, H.-P. Grossart, M.A. Burford, D.P. Hamilton, H. Jiang, D. Latour, E.I. Meyer, J. Padisak, R.M. Zamor, and L.R. Krumholz. 2021. Global co-occurrence of methanogenic Archaea and

methanotrophic Bacteria in *Microcystis* aggregates. *Environmental Microbiology*. doi: 10.1111/1462-2920.15691.

87. Kraemer, B.M., R.M. Pilla, R. I. Woolway, O. Anneville, S. Ban, W. Colom-Montero, S.P. Devlin, M.T. Dokulil, E.E. Gaiser, K.D. Hambright, D.O. Hessen, S.N. Higgins, K.D. Jöhnk, W. Keller, L.B. Knoll, P.R. Leavitt, F. Lepori, M.S. Luger, S.C. Maberly, D.C. Müller-Navarra, A.A. Paterson, D.C. Pierson, D.C. Richardson, M. Rogora, J.A. Rusak, S. Sadro, N. Salmaso, M. Schmid, E.A. Silow, R. Sommaruga, J.A.A. Stelzer, D. Straile, W. Thiery, P. Verburg, G.A. Weyhenmeyer, R. Adrian. 2021. Climate change drives widespread shifts in lake thermal habitat. *Nature Climate Change* 11:521-529. doi: s41558-021-01060-3.

86. Jane, S., B. Kraemer, P.R. Leavitt, R. North, R.M. Pilla, L. Woolway, C. Williamson, C. DeGasperi, L. Diemer, G. Flaim, K.D. Hambright, C. Hein, J. Hejzlar, L. Janus, J. Jones, L. Knoll, T. Leach, E. MacKay, S.-I. Matsuzaki, H.-P. Grossart, J. Philipe-Jenny, D. Pierson, E. Saulnier-Talbot, M. Schmid, R. Sommaruga, W. Thiery, L. Winslow, K. Yokota, and K. Rose. 2021. Widespread deoxygenation of temperate lakes. *Nature* 594: 66-70. doi: s41586-021-03550-y.

85. Hallidayschult, T.C., J.E. Beyer, and K.D. Hambright. 2021. Spatial variation in propagule pressure and establishment of zebra mussels *(Dreissena polymorpha)* within a subtropical reservoir. *Aquatic Invasions* 16:94-112. doi: 10.3391/ai.2021.16.1.07. (pdf).

84. Pilla, R.M., C.E. Williamson, B.V. Adamovich, R. Adrian, O. Anneville, S. Chandra, W. Colom-Montero, S.P. Devlin, M.A. Dix, M.T. Dokulil, E.E. Gaiser, S.F. Girdner, K.D. Hambright, D.P. Hamilton, K. Havens, D.O. Hessen, S.N. Higgins, T.H. Huttula, H. Huuskonen, P.D.F. Isles, K.D. Joehnk, I.D. Jones, W.B. Keller, L.B. Knoll, J. Korhonen, B.M. Kraemer, P.R. Leavitt, F. Lepori, M.S. Luger, S.C. Maberly, J.M. Melack, S.J. Melles, D.C. Müller-Navarra, D.C. Pierson, H.V. Pislegina, P.-D. Plisnier, D.C. Richardson, A. Rimmer, M. Rogora, J.A. Rusak, S. Sadro, N. Salmaso, J.E. Saros, É. Saulnier-Talbot, D.E. Schindler, M. Schmid, S.V. Shimaraeva, E.A. Silow, L.M. Sitoki, R. Sommaruga, D. Straile, K.E. Strock, W. Thiery, M.A. Timofeyev, P. Verburg, R.D. Vinebrooke, G.A. Weyhenmeyer, E. Zadereev. 2020. Deeper waters are changing less consistently than surface waters in a global analysis of 102 lakes. *Scientific Reports*. 10:20514. doi: s41598-020-76873-x.

83. Cook, K.V., C. Li, H. Cai, L. Krumholz, K.D. Hambright, H.W. Paerl, M.M. Steffen, A.E. Wilson, M.A. Burford, H.-P. Grossart, D.P. Hamilton, H. Jiang, A. Sukenik, D. Latour, E.I. Meyer, J. Padisák, B. Qin, R.M. Zamor, and G. Zhu. 2020. The global *Microcystis*interactome. *Limnology & Oceanography* 65: S194–S207. doi: 10.1002/lno.11361. (pdf)

82. Huang, R., D. Zhao, J. Zeng, X. Cao, K.V. Cook, K.D. Hambright, and Z. Yu. 2020. Sediment microbiomes associated with the rhizosphere of emergent macrophytes

in a shallow, subtropical lake. *Limnology and Oceanography*. 65: S38–S48. doi: 10.1002/lno.11325. (pdf)

81. Witt, B.A., J.E. Beyer, T.C. Hallidayschult, and K.D Hambright. 2019. Short-term toxicity effects of *Prymnesium parvum* on zooplankton community composition. *Aquatic Sciences* 81:55. doi: 10.1007/s00027-019-0651-2. (pdf)

80. Beyer, J.E., Zamor, R.M., and K.D. Hambright. 2019. Detection limits affect the predictability of the presence of an invasive harmful alga across geographical space. *Biological Invasions*. 21:2301-2311. doi: 10.1007/s10530-019-01977-z. (pdf)

79. Beyer, J.E., and K.D. Hambright. 2019. The niche and morphology of the invasive *Daphnia lumholtzi* in a subtropical reservoir, 20 years after invasion. *Journal of Plankton Research* 41: 90–100. doi: 10.1093/plankt/fby053. (pdf)

78. Xu, H., D. Zhao, R. Huang, X. Cao, J. Zeng, Z. Yu, K.V. Hooker, K.D. Hambright, and Q. Wu. 2018. Contrasting network features between free-living and particle-attached bacterial communities in Taihu Lake. *Microbial Ecology*. doi: 10.1007/s00248-017-1131-7. (pdf).

77. Jones, A.C., K.D. Hambright, and D.A. Caron. 2017. Ecological patterns among bacteria and microbial eukaryotes derived from network analyses in a low salinity lake. *Microbial Ecology* 31:1933-1940. doi: 10.1007/s00248-017-1087-7. (pdf).

76. Beyer, J.E. and K.D. Hambright. 2017. Maternal effects are no match for stressful conditions: a test of the maternal match hypothesis in a common zooplankter. *Functional Ecology*. doi:10.1111/1365-2435.12901. (pdf).

75. Zou, Z., J. Dong, M.A. Menargue, X. Xiao, Y. Qin, R.B. Doughty, K.V. Hooker, and K.D. Hambright. 2017. Continued decrease of open surface water body area in Oklahoma during 1984-2015. *Science of the Total Environment* 595:451-460. doi:10.1016/j.scitotenv.2017.03.259. (pdf).

74. Goodwin, A.R., J. Erez, K.D. Hambright, N. Koren, E. Barkan, and T. Zohary. 2016. Species-specific imprint of the phytoplankton assemblage on carbon isotopes and the carbon cycle in Lake Kinneret, Israel. *Inland Waters* 6:211-223. doi:10.5268/IW-6.2.936. (pdf)

73. Zohary, T., M. Shneor, and K.D Hambright. 2016. PlanktoMetrix – a computerized system to support microscope counts and measurements of plankton. *Inland Waters* 6:131-135. doi:10.5268/IW-6.2.965. (pdf).

72. Beyer, J.E. and K.D. Hambright. 2016. Persistent and delayed effects of toxic cyanobacteria exposure on life history traits of a common zooplankter. *Limnology and Oceanography* 61:587-595. doi: 10.1002/lno.10239. (pdf) .

71. Roelke, D.L, A. Barkoh, B.W. Brooks, J.P. Grover, K.D. Hambright, J.W. La Claire II, P.D.R. Moeller, R. Patiño. 2016. A chronicle of a killer alga in the west: Ecology, assessment and management of *Prymnesium parvum* blooms. *Hydrobiologia* 764: 29-50. doi:10.1007/s10750-015-2273-6. (pdf) .

70. Acosta, F., R.M. Zamor, F.Z. Najar, B.A. Roe and K.D. Hambright. 2015. Dynamics of an experimental microbial invasion. *Proceedings of the National Academy of Sciences*. 112: 11594-11599. doi:10.1073/pnas.1505204112. (pdf).

69. Liu, Z., A.C. Jones, V. Campbell, K.D. Hambright, K.B. Heidelberg, D.A. Caron. 2015. Gene expression in the mixotrophic haptophyte, *Prymnesium parvum*, responds to prey availability. *Frontiers in Microbiology* 6:319. doi: 10.3389/fmicb.2015.00319. (pdf).

68. Hambright, K.D., J.E. Beyer, J.D. Easton, R.M. Zamor, A.C. Easton, and T.C. Hallidayschult. 2014. The niche of an invasive marine microbe in a subtropical freshwater impoundment. *The ISME Journal* 9: 256-264. doi:10.1038/ismej.2014.103. (pdf)

67. Hambright, K.D., J.D. Easton, R.M. Zamor, J. Beyer, A.C. Easton, and B. Allison. 2014. Regulation of growth and toxicity of a mixotrophic microbe: implications for understanding range expansion in *Prymnesium parvum*. *Freshwater Science* 33:745–754. doi: 10.1086/677198. (pdf)

66. Zamor, R.M, C. Porter, N.R. Franssen, E.J. Remmel, T. Patton, and K.D. Hambright. 2014. Rapid recovery of a fish assemblage following an ecosystem disruptive algal bloom. *Freshwater Science* 33: 390-401. (pdf)

65. Zohary, T., G. Gal and K.D. Hambright. 2014. The pelagic food-web. In: Zohary, T., A. Sukenik, T. Berman, A. Nishri (eds.) *Lake Kinneret – Ecology and Management.* Springer. (link)

64. Gal, G. and K.D. Hambright. 2014. Temporal and Spatial Dynamics of Zooplankton. In: Zohary, T., A. Sukenik, T. Berman, A. Nishri (eds.) *Lake Kinneret – Ecology and Management.* Springer. (link)

63. Parparov, A., K.D. Hambright and T. Berman. 2014. Water quality assessment in Lake Kinneret. In: Zohary, T., A. Sukenik, T. Berman, A. Nishri (eds.) *Lake Kinneret – Ecology and Management.* Springer. (link)

62. Hambright, K.D., R.M. Zamor, J.D. Easton, and B. Allison. 2014. Algae, in Wexler, P. (ed). *Encyclopedia of Toxicology*, 3rd edition. Elsevier. **(invited)** (pdf)

61. Jones, A.C., T.S.V. Liao, F.Z. Najar, B.A. Roe, K.D. Hambright, and D.A. Caron. 2013. Seasonality and disturbance: Annual pattern and response of the bacterial

and microbial eukaryotic assemblages in a freshwater ecosystem. *Environmental Microbiology*15:2557-2572. (pdf)

60. Hambright, K.D. 2012. Golden algae and the health of Oklahoma's lakes. *LakeLine* Fall 2012: 33-38. (pdf)

59. Remmel, E.J. and K.D. Hambright. 2012. Toxin-assisted micropredation: Experimental evidence shows that contact micropredation rather than exotoxicity is the role of *Prymnesium* toxins. *Ecology Letters* 15: 126-132. (pdf)

58. Zamor, R.M., K.L. Glenn, and K.D. Hambright. 2012. Incorporating molecular tools into routine HAB monitoring programs: using qPCR to track invasive *Prymnesium*. *Harmful Algae* 15:1-7. (pdf)

57. Hargrave, C.W., K.D. Hambright, and L.J. Weider. 2011. Variation in resource consumption across a gradient of increasing intra- and interspecific richness. *Ecology* 92:1226-1235. (pdf)

56. Remmel, E.J., N. Kohmescher, J.H. Larson, and K.D. Hambright. 2011. Experimental study of harmful algae-zooplankton interactions and the ultimate grazing defense. *Limnology and Oceanography* 56: 461-470. (pdf)

55. Chumchal, M.M., R.W. Drenner, D.R. Cross, and K.D. Hambright. 2010. Factors influencing mercury accumulation in three species of forage fish from Caddo Lake, Texas, USA. *Journal of Environmental Sciences* 22:1158-11-63. (pdf)

54. Hambright, K.D., R.M. Zamor, J.D. Easton, K.G. Looper, E.J. Remmel, and A.C. Easton. 2010. Dynamics of an invasive toxigenic protist in a subtropical reservoir. *Harmful Algae* 9:568-577. (pdf)

53. Cichewicz, R.H. and K.D. Hambright. 2010. A revised amino group pKa for prymnesins does not provide decisive evidence for a pH-dependent mechanism of *Prymnesium parvum*'s toxicity. *Toxicon* 55:1035-1037. (pdf)

52. Henrikson, J.C. M.S. Gharfeh, A.C. Easton, J.D. Easton, K.L. Glenn, S.L. Mooberry, K.D. Hambright, and R.H. Cichewicz. 2010. Reassessing the ichthyotoxin profile of cultured *Prymnesium parvum* (Golden Algae) and comparing it to samples collected from recent freshwater bloom and fish kill events in North America. *Toxicon* 55:1396-1404. (pdf)

51. Chumchal, M.M. and K.D. Hambright. 2009. Ecological factors regulating mercury contamination of fish in Caddo Lake, Texas. *Environmental Toxicology and Chemistry* 28:962-972. (pdf)

50. Hambright, K.D. 2008. Long-term zooplankton body size and species changes in a subtropical lake: implications for lake management. *Fundamental and Applied Limnology* 173:1-13. (pdf)

49. Hambright, K.D., T. Zohary, W. Eckert, S. Schwartz, C.L. Schelske, and P.R. Leavitt. 2008. Exploitation and destabilization of a warm, freshwater ecosystem through engineered hydrological change. *Ecological Applications* 18:1591-1603. (pdf)

48. Chumchal, M.M., R.W. Drenner, B. Fry, K.D. Hambright, and L.W. Newland. 2008. Habitat-specific differences in mercury concentrations in a top predator from a shallow lake. *Transactions of the American Fisheries Society* 137:195-208. (pdf)

47. Hambright, K.D., N.G. Hairston, W.R. Schaffner, and R.W. Howarth. 2007. Grazer control of nitrogen fixation: synergisms in the feeding ecology of two freshwater crustaceans. *Fundamental and Applied Limnology* 170:89-101. (pdf)

46. Hambright, K.D., N. G. Hairston, W. R. Schaffner, and R. W. Howarth. 2007. Grazer control of nitrogen fixation: phytoplankton taxonomic composition and ecosystem functioning. *Fundamental and Applied Limnology* 170:103-124. (pdf)

45. Hambright, K.D., T. Zohary, and H. Güde. 2007. Microzooplankton dominate carbon flow and nutrient cycling in a warm subtropical freshwater lake. *Limnology and Oceanography* 52:1018-1025. (pdf)

44. Roelke, D.L., T. Zohary, and K.D. Hambright. 2007. Alternate states in the phytoplankton of Lake Kinneret, Israel (Sea of Galilee). *Freshwater Biology* 52: 399-411. (pdf)

43. Parparov, A.R. and K.D. Hambright. 2007. Composite water quality: evaluation and management feedbacks. *Water Quality Research Journal of Canada* 42: 20-25. (pdf)

42. Parparov, A., K.D. Hambright, L. Håkanson, and A. Ostapenia. 2006. Water quality quantification: basics and implementation. *Hydrobiologia* 560:227-237. (pdf)

41. Bruce, L.C., D. Hamilton, J. Imberger, G. Gal, M. Gophen, T. Zohary, and K.D. Hambright. 2006. A numerical simulation of the role of zooplankton in C, N and P cycling in Lake Kinneret, Israel. *Ecological Modelling* 193: 412-436. (pdf)

40. Hambright, K.D., F.J. Ragep, and J. Ginat. (2006). Water – A Conduit for Peace. pages 1-10, in Hambright, K.D., F.J. Ragep, and J. Ginat (eds.), *Water in the Middle East: Cooperation and Technical Solutions in the Jordan Valley*, Sussex Academic Press, Brighton, U.K. (Sussex AP)

39. Hambright, K.D. and T. Zohary. 2006. Lake Kinneret and water supply in Israel: ecological limits to operational supply. pages 111-126, in Hambright, K.D., F.J. Ragep, and J. Ginat (eds.), *Water in the Middle East: Cooperation and Technical Solutions in the Jordan Valle*y, Sussex Academic Press, Brighton, U.K (Sussex AP)

38. Hambright, K.D., W. Eckert, P. R. Leavitt, and C.L. Schelske. 2004. Effects of historical lake level and land use on sediment and phosphorus accumulation rates in Lake Kinneret. *Environmental Science and Technology* 38: 6460-6467. (pdf)

37. Håkanson, L., A. Ostapenia, A. Parparov, K.D. Hambright, and V.V. Boulion. 2003. Management criteria for lake ecosystems applied to case studies of changes in nutrient loading and climate change. *Lakes and Reservoirs: Research and Management* 8: 141-155. (pdf)

36. Blumenshine, S.C. and K.D. Hambright. 2003. Top-down control in Lake Kinneret: a role for invertebrate predation. *Hydrobiologia*491: 347-356. (pdf)

35. Eckert, W., K.D. Hambright, Y. Z. Yacobi, I. Ostrovsky, and A. Sukenik. 2002. Internal wave induced changes in the chemical stratification in relation to the thermal structure in Lake Kinneret. *Verhandlungen Internationale Vereinigung für Theoretische und Angewandte Limnologie* 28: 962-966. (pdf)

34. Drenner, R. and K.D. Hambright. 2002. Piscivores, trophic cascades, and lake management. *TheScientificWorld Journal* 2: 284-307. (pdf)

33. Hambright, K.D. and W. Eckert. 2002. Sediment-water phosphorus dynamics in newly created Lake Agmon (Agmon-Hula wetlands), Israel. *Verhandlungen Internationale Vereinigung für Theoretische und Angewandte Limnologie* 27: 4001-4004. (pdf)

32. Hambright, K.D., S.C. Blumenshine, and J. Shapiro. 2002. Can filter-feeding fishes improve water quality in lakes? *Freshwater Biology* 47:1173-1182. (pdf)

31. Hambright, K.D., T. Zohary, J. Easton, B. Azoulay, and T. Fishbein. 2001. Effects of zooplankton grazing and nutrients on the bloom-forming, N2-fixing cyanobacterium *Aphanizomenon* in Lake Kinneret. *Journal of Plankton Research* 23: 165-174. (pdf)

30. Hambright, K.D., A.R. Parparov, and T. Berman. 2000. Indices of water quality for sustainable management and conservation of an arid region lake, Lake Kinneret (Sea of Galilee), Israel. *Aquatic Conservation: Marine and Freshwater Ecosystems* 10: 393-406. (pdf)

29. Håkanson, L., A. Parparov, and K.D. Hambright. 2000. Modelling the impact of water level fluctuations on water quality (suspended particulate matter) in Lake Kinneret, Israel. *Ecological Modelling* 128:101-125. (pdf)

28. Hambright, K.D. and T. Zohary. 2000. Phytoplankton species diversity control through competitive exclusion and physical disturbances. *Limnology and Oceanography* 45:110-122. (pdf)

27. Drenner, R.W. and K.D. Hambright. 1999. Biomanipulation of fish as a lake restoration technique. *Archiv für Hydrobiologie* 146: 129-165. (pdf)

26. Hambright, K.D. and T. Zohary. 1999. The Hula Valley (Northern Israel) wetland rehabilitation project. Streever, W. (ed.), *An International Perspective on Wetland Rehabilitation*. Kluwer Academic Press. 173-180. **(invited)** (pdf)

25. Zohary, T. and K.D. Hambright. 1999. Lake Hula – Lake Agmon: Human development and nature in the Hula Valley. *Ariel, The Israeli Review of Arts and Letters* 109: 71-87.

24. Hambright, K.D., I. Bar-Ilan, and W. Eckert. 1998. General water chemistry and quality in a newly-created subtropical lake. *Wetlands Ecology and Management* 6: 121-132. (pdf)

23. Hambright, K.D. and T. Zohary. 1998. Lakes Hula and Agmon: destruction and creation of wetland ecosystems in northern Israel. *Wetlands Ecology and Management* 6: 83-89. (pdf)

22. Zohary, T., U. Pollingher, O. Hadas, and K.D. Hambright. 1998. Bloom dynamics and sedimentation of *Peridinium gatunense* in Lake Kinneret. *Limnology and Oceanography* 43: 175-186. (pdf)

21. Hambright, K.D. and J. Shapiro. 1997. The 1993 collapse of the Lake Kinneret commercial bleak fishery. *Fisheries Management and Ecology* 4: 275-283. (pdf)

20. Hambright, K.D., T. Zohary, and W. Eckert. 1997. Potential influence of low water levels on Lake Kinneret: re-appraisal and modification of an early hypothesis. *Limnologica* 27: 147-155. (pdf)

19. Eckert, W. and K.D. Hambright. 1996. Seasonal and vertical distributions of temperature, pH, oxygen and sulfide in Lake Kinneret. *Limnologica* 26: 345-351. (pdf)

18. Parparov, A. and K.D. Hambright. 1996. A proposed framework for the management of water quality in arid-region lakes. *Internationale Revue der gesamten Hydrobiologie* 81: 435-454. (pdf)

17. Hambright, K.D. and I. Bar-Ilan. 1996. General water chemistry of the New Hula Lake. Steinberger, Y. (ed.), *Proceedings of the 6th International Conference of the Israeli Society for Ecology and Environmental Quality Sciences* 6B: 664-667.

16. Parparov, A. and K.D. Hambright. 1996. Limnological studies as part of the management framework for lakes with variable morphometry. Steinberger, Y. (ed.), *Proceedings of the 6th International Conference of the Israeli Society for Ecology and Environmental Quality Sciences* 6B: 577-579.

15. Zohary, T., A.M. Pais-Madeira, R. Robarts, and K.D. Hambright. 1996. Interannual phytoplankton dynamics of a hypertrophic African lake. *Archiv für Hydrobiologie* 136: 105-126. (pdf)

14. Zohary, T., A.M. Pais-Maderia, R.D. Robarts, and K.D. Hambright. 1995. Cyanobacteria-phytoplankton dynamics of a hypertrophic African lake. *Water Science and Technology* 32: 103-104. (pdf)

13. Sandler, A., K.D. Hambright, I. Brenner, and L. Halicz. 1994. Temporal and vertical patterns of trace and major elements in Lake Kinneret, Israel. *Israel Journal of Earth Sciences* 43: 1-13.

12. Hambright, K.D. and S. Fridman. 1994. CAPAS: A computer-assisted plankton analysis system for the Macintosh. *Fisheries* 19: 6-8. (pdf)

11. Hambright, K.D., M. Gophen, and S. Serruya. 1994. Influence of long-term climatic changes on the thermal dynamics of a subtropical, warm monomictic lake. *Limnology and Oceanography* 39: 1234-1243. (pdf)

10. Hambright, K.D. 1994. Can planktivorous fish really affect lake thermal dynamics? *Archiv für Hydrobiologie* 130: 429-438. (pdf)

9. Hambright, K.D. 1994. Morphological constraints in the piscivore-planktivore interaction: implications for the trophic cascade hypothesis. *Limnology and Oceanography* 39: 897-912. (pdf)

8. Hambright, K.D. and R.O. Hall. 1992. Differential zooplankton feeding behaviors, selectivities, and community impacts of planktivorous pumpkinseeds and fathead minnows. *Environmental Biology of Fishes* 35: 401-411. (pdf)

7. Morin, A., K.D. Hambright, N.G. Hairston, Jr., D.M. Sherman, and R.W. Howarth. 1991. Consumer control of gross primary production in replicate freshwater ponds. *Verhandlungen Internationale Vereinigung für Theoretische und Angewandte Limnologie*24: 1512-1516.

6. Hambright, K.D., R.W. Drenner, S.R. McComas, and N.G. Hairston, Jr. 1991. Gape-limited piscivores, planktivore size refuges, and the trophic cascade hypothesis. *Archiv für Hydrobiologie* 121: 389-404. (pdf)

5. Hambright, K.D. 1991. Experimental analysis of prey selection by largemouth bass: role of predator mouth width and prey body depth. *Transactions of the American Fisheries Society* 120: 500-508. (pdf)

4. Vinyard, G.L., R.W. Drenner, M. Gophen, U. Pollingher, D. Winkelman, and K.D. Hambright. 1988. An experimental study of the plankton community impacts of two omnivorous filter-feeding cichlids, *Tilapia galilaea* and *Tilapia aurea*. *Canadian Journal of Fisheries and Aquatic Sciences* 45: 685-690. (pdf)

3. Drenner, R.W., K.D. Hambright, G.L. Vinyard, M. Gophen, and U. Pollingher. 1987. Experimental analysis of size-selective phytoplankton grazing by a cichlid and its impact on plankton community structure. *Limnology and Oceanography* 32: 1138-1144. (pdf)

2. Drenner, R.W., G.L. Vinyard, K.D. Hambright, and M. Gophen. 1987. Particle ingestion by *Tilapia galilaea* is not affected by of removal of gill rakers and microbranchiospines. *Transactions of the American Fisheries Society* 116: 272-276. (pdf)

1. Hambright, K.D., R.J. Trebatoski, R.W. Drenner, and D. Kettle. 1986. Experimental study of the impacts of bluegill (*Lepomismacrochirus*) and largemouth bass (*Micropterus salmoides*) on pond community structure. *Canadian Journal of Fisheries and Aquatic Sciences* 43: 1171-1176. (pdf)

Edited books and other volumes

v. Hambright, K.D., F.J. Ragep, and J. Ginat (eds.). 2006. *Water in the Middle East: Cooperation and Technical Solutions in the Jordan Valley*, Sussex Academic Press, Brighton, U.K. (Sussex AP)

iv. Berman, T., K.D. Hambright, J. Gat, S. Gafny, A. Sukenik, and M. Tilzer (eds.). 2000. *Lake Management for the year 2000*+. Advances in Limnology, vol. 55. Schweizerbart, Berlin.

iii. Hambright, K.D. (ed.). 1998. Destruction and creation of wetland ecosystems in northern Israel. *Wetlands Ecology and Management*, volume 6, issues 2-3.

ii. Arad, V., Y. Bartov, and K.D. Hambright (eds.). 1998. *Lake Kinneret research: bibliography*. Israel Oceanographic and Limnological Research and the Israel Ministry of National Infrastructures.

i. Hambright, K.D. and R. Hershcovitch (eds.). 1998. *Kinneret Limnological Laboratory bibliography, 1968-1998*. Israel Oceanographic and Limnological Research.

Other publications

National Academies of Sciences, Engineering and Medicine. 2017. Review of the Edwards Aquifer Habitat Conservation Plan: Report 2. Washington, D.C.: The National Academies Press. (Hambright is one of thirteen co-authors). doi: 10.17226/23685.

National Academies of Sciences, Engineering and Medicine. 2015. Review of the Edwards Aquifer Habitat Conservation Plan, Report 1. Washington, D.C.: The National Academies Press. (Hambright is one of thirteen co-authors). (pdf)

Hambright, K.D. 2000. Book review: Nutrient cycling and retention in natural and constructed wetlands; Vymazal, J. (ed.). 1999. Backhuys Publishers, Leiden. SILNEWS 31: Book Reviews.

Hambright, K.D. and J. Shapiro. 1997. The collapse of the Kinneret Sardine fishery and remedial actions. *Kinneret News* 20: 28-35. (in Hebrew)

Zohary, T. and K.D. Hambright. 1996. Ecological consequences of lowering minimum Lake Kinneret water levels. *Water and Irrigation*354: 38-40. (in Hebrew)

Zohary, T. and K.D. Hambright. 1995. Ecological consequences of lowering Lake Kinneret water levels to –214m. *Kinneret News* 18: 3-8. (in Hebrew)

Hambright, K.D. and T. Zohary. 1995. The history of water level fluctuations in Lake Kinneret. *Ecology and Environment* 2: 97-100. (in Hebrew)

Zohary, T. and K.D. Hambright. 1994. Aquatic studies within the Hula project. *Water and Irrigation* 338: 38,41. (in Hebrew)

Zohary, T. and K.D. Hambright. 1994. Aquatic studies within the Hula restoration project. *Agamit* 88: 9-10. (in Hebrew)

Levanon D., T. Zohary, and K.D. Hambright. 1994. The research accompanying the Hula restoration project. *Ecology and Environment* 1: 225-228. (in Hebrew)

Hambright, K.D., M. Gophen, and S. Serruya. 1992. Long-term changes in Lake Kinneret's thermal structure. *Kinneret News* 14: 6-8. (in Hebrew)

Computer Software

Hambright, K.D., T. Zohary, and M. Shneor. 2003. PlanktoMetrix, version 1.0. © 2003, Israel Oceanographic and Limnological Research.

Hambright, K.D., T. Zohary, T. Hativa, and S. Fridman. 1998. CAPAS: Computer-Assisted Plankton Analysis System, version 2.0. © 1998, Israel Oceanographic and Limnological Research.

Fridman, S. and K.D. Hambright. 1991. CAPAS: Computer-Assisted Plankton Analysis System, version 1.3. © 1991, Cornell University.