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46 Years
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EDUCATIONAL BACKGROUND PRINCIPAL SUBJECTS QUALIFICATION

1986-91	Debrecen University	Biology, Ecology, Algology	Diploma of biologist (equivalent to B.Sc./M.Sc.)
1993-96	Debrecen University	Biology, Ecology, Algology	Diploma of biology teacher (equivalent to B.Sc./M.Sc.)
1993-96	Debrecen University	Biology, Ecology, Algology	Ph.D (1998)
2007	Debrecen University	Biology, Ecology, Algology	habilitation (2007)

FOREIGN LANGUAGES

English intermediate level
Hungarian mother language

WORK EXPERIENCE EMPLOYER/JOB BRIEF DESCRIPTION OF WORK

1991-93	Environmental Protect Agency Algologist	Taxonomy and indication of algae
1997-2000	Debrecen University lecturer	Taxonomy and ecology of freshwater Dinophyta species and Cyanoprocaryote toxicity
2000-2007	Debrecen University assistant. professor	Taxonomy and ecology of freshwater Dinophyta species
2007	Debrecen University associate professor	Taxonomy and ecology of freshwater Dinophyta species and microalgal ecology

PUBLICATIONS

The number of publication: **88**.

PRESENTATIONS

The number of total presentations in international congressess (oral and poster): **84**
Invited lecturer: 12

BOOKS

The number of books: **3**

IMPACT FACTOR

32,738

CITATIONS

664

STUDY LEAVES (ABROAD)

- 1994, Bayerisches Landesamt für Wasserwirtschaft, München
- 1995, 1977, Institut für Gewässerökologie und Binnenfischerei im Forschungsverbund Berlin e. V., Abteilung Limnologie Geschichteter Seen, 1995, 1997.

- 1997, Max Plank Institute, Plön,
- 2002, Chile-Bolivia, Licancabur Expedition (NASA)
- 2005, University of Valencia.
- 2005, 2006, 2008, University of Zagreb

SELECTED PUBLICATIONS

1. Grigorszky I., Borics G., Kiss K., T., Schnitchen, Cs., Béres V., Gligora M., Padisák J., Borbely Gy (2005): Seasonal variation of organic compounds in a eutrophic oxbowlake. *Verh. Internat. Verein. Limnol.* 29. 650-653.
2. Grigorszky I., Borics G., Padisák J., Tóthmérész B., Vasas G., Nagy S., Borbely G. (2003): Factors controlling the occurrence of Dinophyta species in Hungary. *Hydrobiologia* 503-506. 203-207.
3. Grigorszky I., Kiss K. T., Béres V., Bácsi I., M-Hamvas M., Máthé Cs., Vasas G., Padisák J., Borics G., Gligora M., Borbely Gy. (2006): The effects of temperature, nitrogen, and phosphorus on the encystment of *Peridinium cinctum*, Stein (Dinophyta). *Hydrobiologia*. 563: 527-535.
4. Grigorszky I., Krienitz L., Padisák J., Borics G., Vasas G. (2003): Redefinition of *Peridinium lomnickii* Woloszynska (Dinophyta) by scanning electronmicroscopical survey. *Hydrobiologia* 502. 349-355.
5. Grigorszky I., Nagy S., Klee R. (1998): Data on regularity of occurrence of five freshwater Dinophyta. *Verh. Internat. Verein. Limnol.* 26: (4): 1707-1710.
6. Grigorszky I., Nagy S., Krienitz L., Keve K. T., Mikó H. M., Tóth A., Borics G., Máthé Cs., Kiss B., Borbely Gy., Dévai Gy., Padisák J. (2000): Seasonal succession of phytoplankton in a small eutrophic oxbow and some consideration to the PEG model. *Verh. Internat. Verein. Limnol.* 27 (1) 152-156.
7. Grigorszky I., Nagy S., Tóth A., Máthé Cs., Müller Z., Borbely Gy. (1998): Zooplankton and phytoplankton interactions in a temperate eutrophic oxbow. *Journal of Plankton Research* 20: (10): 1989-1995.
8. Grigorszky I., Padisák J., Borics G., Schitchen Cs., Borbely G. (2003): Deep chlorophyll maximum by *Ceratium hirundinella* O.F.Müller (Bergh) in a shallow oxbow in Hungary. *Hydrobiologia* 503-506. 209-212.
9. Grigorszky I., Vasas F., Borics G., Klee R., Schmidt A., Borbely Gy. (2001): *Peridiniopsis kevei*, a new freshwater dinoflagellate species (Peridinineacea, Dinophyta) from Hungary. *Acta Botanica Hungarica* 43 (1-2): 163-174.
10. Bácsi I., Vasas G., Surányi Gy., M. Hamvas M., Máthé Cs., Tóth E., Grigorszky I., Gáspár A., Tóth Sz., Borbely Gy. (2006): Alteration of cylindrospermopsin production in sulfate- or phosphate-starved cyanobacterium *Aphanizomenon ovalisporum*. *FEMS Microbiol Lett* 259 (2006) 303–310.
11. Béres, V., Bácsi I., Surányi Gy., Vasas G., M-Hamvas M., Tóth Sz., Máthé Cs., Kiss K. T., Borbely Gy., Nagy S., Plankovic-Moraj A., Grigorszky I. (2007): The interaction between *Cryptomonas ovata* Ehrenbergh (Cryptophyta) and *Microcystis aeruginosa* (Cyanobacteria) species. *Arc. Für Hydrobiologie*. 17. (3-4). 405-415.
12. Béres V., Grigorszky I., Vasas G., Borics G., Várбірó G., Nagy S. A., Borbely Gy., Bácsi I. (2012) :The effects of *Microcystis aeruginosa* (cyanobacterium) on *Cryptomonas ovata* (Cryptophyta) in laboratory cultures: why these organisms do not coexist in steady-state assemblages? *Hydrobiologia* 691:(1) pp. 97-107.
13. Borics G., Grigorszky I., Szabó S., Padisák J. (2000): Phytoplankton associations in a small hypertrophic fishpond in East Hungary during a change from bottom-up to top-down control. *Hydrobiologia* 424: 79-90.
14. Borics G., Padisák J., Grigorszky I., Oldal I., Péterfi L. S., Momeu L. (1998): Green algal flora the acidic bog lake, Baláta-tó, SW Hungary. *Biológia*. 53. (4): 457-465.
15. Borics G., Tóthmérész B., Grigorszky I., Padisák J., Várбірó G., Szabó S. (2003): Algal assemblage types of bog-lakes in Hungary and their relation to water chemistry, hydrological conditions and habitat diversity. *Hydrobiologia* 502. 145-155. *impakt faktor:*
16. Borics, G., Grigorszky, I., Padisák, J., Barbosa, F. A. R., Doma, Zs. (2006): Dinoflagellates from tropical Brazilian lakes with description of *Peridinium brasiliense* sp. nov. *Arch. Hydrobiol. Algological Studies*. 118. 47-61.
17. Borics, G., Várбірó, G., Grigorszky, I. (2008): A new evaluation technique of potamoplankton for the assessment of the ecological status of rivers. *Arch. Hydrobiol. Suppl.* 161, pp. 47-61.
18. Borics G, Abonyi A, Krasznai E, Várбірó G, Grigorszky I, Szabó S, Deák Cs, Tóthmérész B (2011): Small-scale patchiness of the phytoplankton in a lentic oxbow. *Journal of Plankton Research* 33:(6) pp. 973-981
19. Cabrol N A, Grin E A, McKay C P, Friedmann I, Chong Diaz G, Demergasso C, Kiss K T, Grigorszky I, Friedmann R O, Murbach M S, Hock A, Fike D A, Tampley C, Escudero L, deVore E H, Grigsby B (2003): The licancabur project: exploring the limits of life the highest lake ont he earth as an analog to martian paleolakes. *Proc. of Lunar and Planetary Science* 34: p. 1393.
20. Cabrol NA, CP McKay, EA Grin, KT Kiss, É Ács, B Tóth, I Grigorszky, K Szabó, DA Fike, AN Hock, C Demergasso, L Escudero, P Galleguillos, G Chong, BH Grigsby, JZ Román C (2007): Signatures of Habitats and Life in Earth's High-Altitude Lakes: Clues to Noachian Aqueous Environments on Mars. In: Chapman MG (szerk.). *The Geology of Mars: Evidence from Earth-Based Analogs*, Cambridge: Cambridge University Press, 2007. pp. 349-370.
21. Gligora M., Plenkovic-Moraj A., Kralj K., Grigorszky I., Peros-Pucar D. (2007): The relationship between phytoplankton species dominance and environmental variables in a shallow lake (Lake Vrana, Croatia). *Hydrobiologia*. 584: 337-346.
22. Gligora M, Kralj K, Plenkovic-Moraj A, Hintz F, Ács É, Grigorszky I, Cocquyt C, Van de Vijver B (2009): Observations on the diatom *Navicula hedinii* Hustedt (Bacillariophyceae) and its transfer to a new genus *Envekadea*

- Van de Vijver et al. gen. nov. *European Journal of Phycology* 44:(1) pp. 123-138.
23. Kotut K., Krienitz L., Scheffler W., Engels M., Grigorszky. (1998): Some interesting cyanoprocaryotes and algae from Turkwel Gorge reservoir, Kenya. *Arch. Für Hydrobiol. Algological Studies* 91: 37-55.
 24. Padisák J, Borics G., Grigorszky I., Soróczy-Pintér É.(2006): Use of phytoplankton assemblages for monitoring ecological status of lakes within the Water Framework Directive: the assemblage index. *Hydrobiologia* 533. 1-14.
 25. Padisák J., Borics G., Fehér G., Grigorszky I., Oldal I., Schmidt A., Zámóné-D. Zs. (2003): Dominant species, functional assemblages and frequency of equilibrium phases in late summer phytoplankton assemblages in Hungarian small shallow lakes. *Hydrobiologia*. 502. 157-168.
 26. Padisák J., Krienitz L., Scheffer W., Grigorszky I. (1998): Phytoplankton succession in the oligotrophic Lake Stechlinsee (Germany) in 1994-1995. *Hydrobiologia* 369/370: 179-197.
 27. Schnitchen C., Charman D. J., Magyari E., Braun M., Grigorszky I., Tóthmérész B., Molnár M., Szántó Zs (2006). Reconstructing hydrological variability from testate amoebae analysis in Carpathian peatlands. *Journal of Paleolimnology*.
 28. Schnitchen Cs., Magyari E., Grigorszky I. (2003): Micropaleontological observations on Sphangnum moss in Eats-Carpatian region. *Hydrobiologia*. 503-506. 45-49.
 29. Várbíró G., Ács É., Borics G., Ércs K., Fehér G., Grigorszky I., Japport T., Kocsi G., Krasznai E., Nagy K., Nagy-László Zs., Pilinszky Zs., Kiss K. T. (2007): Use of Self-Organizing Maps (SOM) for characterization of riverrine phytoplankton associations in Hungary. *Arc. Für Hydrobiologie. Large Rivers* 17. (3-4). 383-394.
 30. Várbíró G, Borics G, Csányi B, Fehér G, Grigorszky I, Kiss KT, Tóth A, Ács É (2012): Improvement of the ecological water qualification system of rivers based on first results of the Hungarian phytobenthos surveillance monitoring. *Hydrobiologia* 695: pp. 125-135.