

## 51<sup>st</sup> workshop of the Czech Phycological Society, September 2010

The 51<sup>st</sup> annual workshop of the CPS was organized by Phycological laboratory, Department of Botany, Faculty of Science, Palacký University Olomouc in its new building.

A total of 37 participants, including 2 from Slovakia and 1 from Ukraine presented 37 lectures and 10 posters.

### The following lectures were presented

BEŠTA, T.: Diatom analysis of sediments of Lake Komořany

BLÁHA, L.: Cyanotoxins in Czech and outside – what we know

CAISOVÁ, L.: Do traditional morphological features of the genera *Chaetophora* and *Stigeoclonium* support their phylogenetic relationships derived from nuclear rDNA sequences?

ČEPÁK, V.: *Trachydiscus minutus* – producer of biotechnologically interesting lipids

ČERVENKOVÁ, L.: Phytoplankton of lakes in Tatra Mts.

ELIÁŠ, M.: Evolution, diversity and taxonomy of Eustigmatophyceae

HAMPL, V.: Algae and horizontal gene transfer

HAŠLER, P.: Epipelagic cyanobacteria

HINDÁK, F.: Cyanobacteria and algae of the peat bog Klin in Orava district

HINDÁK, F.: Topics for discussion: *Microcystis* cf. *wesenbergii*, *Plaudorina* and selected coccal green algae

HINDÁKOVÁ, A.: Diatoms of the peat bog Klin, Orava, Slovakia



- HORÁKOVÁ, J.: The use of diatoms in criminalistics
- KAUFNEROVÁ, V.: Taxonomy of the genus *Coelatrella*
- KREIDLOVÁ: Scale morphological plasticity in *Sunura echinulata*
- KOMÁREK, J.: Algal bloom of *Lyngbya robusta* in Lake Atitlán, Guatemala
- KVÍDEROVÁ, J.: The influence of desiccation in case of arctic cyanobacterium *Nostoc* sp.
- LUKAVSKÝ, J. : Cryovegetation of the Livingston island, Antarktis
- LUKAVSKÝ, J.: *Trachydiscus minutus* and its perspectives in biotechnology
- MARVAN, P.: How to cut cake in ecology
- NĚMCOVÁ, Y.: Glass armour: why, when, how?
- NEMJOVÁ, K.: Phylogeny of the genus *Micrasterias*
- NEUSTUPA, J.: Kvantitative data in ecology, taxonomy, phylogeny of algae
- PICHRTOVÁ, M.: Ice nucleation activity in different strains of *Zygnema*
- PRASAD, A.: Involvement of lipid peroxidation in ultra-weak photon emission from green algae *Chlamydomonas reinhardtii*
- POULÍČKOVÁ, A.: Incunabula – structures in diatom ontogeny
- PUMANN, P.: Can we trust to data on occurrence of cyanobacteria in recreation areas?
- ŘEHÁKOVÁ, K.: How to success in competition within algal bloom?
- STRNAD, M.: Phytohormons in algae and biotechnological applications
- ŠEJNOHOVÁ, J.: The technology for reduction of cyanobacterial resting stages in reservoirs
- ŠKALOUD, P.: Ecological distinction of cryptic species within green algae – what is the real protist diversity
- ŠŤASTNÝ, J.: Desmid taxonomy
- ŠTĚPÁNKOVÁ, J.: Desmid diversity in ombrotrophic peat bogs of Jeseníky Mts.
- TASHYREVA, D.: Production of dormant stages and stress resistance of polar cyanobacteria
- VESELÁ, J.: CAUP collection on-line database
- VESELÁ, J.: Molecular diversity of *Frustulia saxonica*
- ZAPOMĚLOVÁ, E.: Polyphasic approach in taxonomy of the genus *Anabaena*

P. Dvořák



Figs (1– 6). Moments of the CPS workshop, Olomouc, September 2010: (1) Z. Žáková, A. Sládečková; (2) J. Komárek, P. Marvan; (3) F. Hindák, Y. Němcová; (4) Presentation of ZEISS microscopes; (5) Coffee brake; (6) Organizers (P. Hašler, A. Pouličková, P. Dvořák). Photo: CPS archive