

49th workshop of the Czech Phycological Society

The 49th annual workshop of the Czech Phycological Society (CPS) was organized by Centre for Bioindication and Revitalization in Rožmberk n.Vlt. This meeting was dedicated to the centennial of the birth of **Prof. B. Fott**, luminary of the Czech phycology.

Thirty six participants, including 3 from Slovakia, presented 22 lectures including a memorial lecture about the life and work of Prof. B. Fott. The following lectures were presented:

- BŘEZINA, V.: Time-lapse cinemicrography in cell cycle analysis and atypical cell reactions
CAISOVÁ, L.: Taxonomy of the genus *Rhexinema*
MACHOVÁ-ČERNÁ, K.: Desmids - are they able to change their shape in response to pH of the environment?
FOTT, J.: Bohuslav Fott - youth and beginnings of his scientific career
HINDÁK, F., HINDÁKOVÁ, A.: Epiphytic cyanophytes, rhodophytes and diatoms from basins of the Botanical Garden in Bratislava
HINDÁK, F.: The cladophoracean alga *Pithophora fragensis* Sula 1930 in Slovakia
KOMÁREK, J.: Personality of Prof. B. Fott and development of the Czech phycology after World War II.
KOMÁREK, J.: Modern revision (2008) of nostocalean cyanobacteria
KVÍDEROVÁ, J.: Speedy light curves of snow algae evaluated *in situ*
KYNČLOVÁ, A.: *Synura petersenii* (Synurophyceae, Heterokontophyta) - molecular diversity and species concept
LUKAVSKÝ, J. et al.: Life in the technical surveillance water of the Nuclear Power Station Temelín, and its control by herbicides and biomanipulation
NĚMCOVÁ, Y.: Shape dynamics of silica scales in experimental populations of synurophytes
NEMJOVÁ, K.: Molecular and morphological variability in the genus *Pseudococcomyxa*
NEUSTUPA, J.: Community ecology of epipelagic diatoms in fishponds – neutral model or „niche-assembly“?
PUMANN, P.: Problems with *Microcystis ichthyoblabe* during monitoring of swimming waters
SKÁČELOVÁ, O.: Young successive biotopes of cyanobacteria and algae on spoil heaps in the Sokolovo coal basin
ŠEJNOHOVÁ, L.: Possible use of toxic oligopeptides in the polyphasic concept in cyanobacterial taxonomy
ŠKALOUD, P.: Species concepts in green microscopic

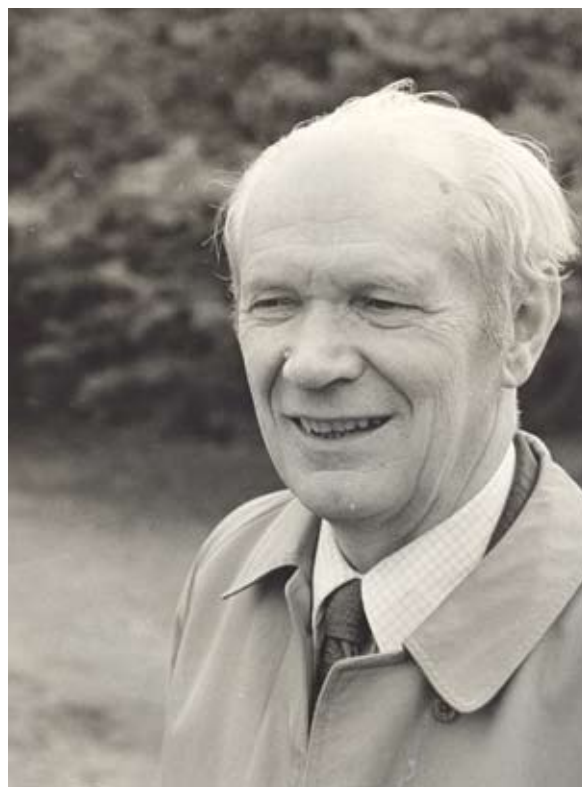


Fig. 1. B. Fott, Phycological Workshop in Čerřínek, 1976

algae.

- ŠŤASTNÝ, J.: Substrate specificity of Desmidiaceae in the National Reserve Břehyně - *Pecopala* or where to look for rare desmids
ŠTEFKOVÁ, E.: Diatoms of selected streams in the National Park Poloniny (East Carpathians, Slovakia)
ZAPOMĚLOVÁ, E. et al.: Polyphasic characterization of three strains of *Anabaena reniformis* and *Aphanizomenon aphanizomenoides* (cyanobacteria) and their re-classification to *Sphaerospermum* gen. nov. (incl. *Anabaena kisseleviana*).

Leica Co. presented their latest microscope model; Olympus Co. supplied us with folders.

The plenary session appreciated that our journal *Fottea* is now listed on Web of Science. We evaluated activities of CPS: regular Algal Identification Course – for applied hydrobiologists and Chantransia meeting - course for students and starting phycologists. The organizers of 2nd Central European Diatomists Meeting 2008 in Trento selected presentations of our members, Markéta Fránková and Adéla Moravcová, as the best in the junior category.

J. Lukavský

Rožmberk n.Vltavou, September 2008