

## First Central European Diatom Meeting (1 CE-DiatoM), (21 DDT)

Berlin 23-25 March 2007



*CE-DiatoM 2007*

**Thursday 22.03.2007**

*19:00-21:00 Informal meeting at Restaurant La Fattoria, Grunewaldstr. 8-9, Berlin-Steglitz, next to Hotel Ravenna*

## **Program**

**Friday 23 March 2007**

8:00-10:30 Registration & Postermounting / Anmeldung & Postermontage  
[Botanical Museum / Botanisches Museum, Königin-Luise-Str. 6-8,  
14195 Berlin]

10:30-10:40 Opening – Eröffnung der Tagung [Lecture Hall / Hörsaal]

**Morning Session: Bioindication; Chair: U. Raeder**

[Lecture Hall / Hörsaal]

10:40-11:20 Hofmann G.: Zum Stand der Bewertungsverfahren der  
Ökologischen Qualität von deutschen Fließgewässern und Seen –  
Umsetzung der EU-Wasserrahmenrichtlinie anhand von Diatomeen (State  
of the assessment procedure for the ecological quality in German rivers  
and lakes).

11:20-11:40 Güntsch A., Kusber W.-H. & Berendsohn W.G.: Networking  
distributed biodiversity data with GBIF and BioCASE.

11:40-12:00 Täuscher, L.: Die Erforschung der Kieselalgen-Besiedlung von  
Binnengewässern und der südlichen Ostsee in Mecklenburg-Vorpommern  
seit der Mitte des vergangenen Jahrhunderts (Research on the diatom  
colonisation of inland waters and the southern Baltic in Mecklenburg-  
Vorpommern since the middle of the last century).

12:00-12:20 Abarca N., Jahn R., Israde I. & Blanco S.: Diatoms as indicators of water quality in the Lerma River, Mexico.

12:20-14:20 *Lunchbreak / Mittagspause [Garden Cafeteria] in 2 groups*

**Afternoon Session: Current Topics; Chair: Th. Hübener**

[Lecture Hall / Hörsaal]

14:20-14:40 Adler S., Hübener T., Lotter A., Anderson N.J., Dreßler M. & Schwarz A.: Is the use of diatom relative abundance data in comparison with ordinal data in paleoecology a real improvement?

14:40-15:00 Brinkmann N., Behnke A., Jahn R., Bruns S. & Friedl T.: Assessing the diversity of diatoms in calcifying biofilms of two hardwater creeks.

15:00-15:20 Wölfel J., Görs S., Schumann R., Rickler M., Leopold P., Wiencke C. & Karsten U.: Biomass and ecophysiology of benthic diatoms in the Arctic Kongsfjord, Spitsbergen.

15:20-15:40 Poulíčková A. & Mann D.G.: Reproduction in *Pinnularia*.

15:40-16:10 *Coffee break / Kaffee-Pause [2nd Level]*

16:10-18:30 Postersession: Poster 1-30 [Main Hall / Haupthalle]

16:10-18:30 Microscopes available / Gelegenheit zum Mikroskopieren [Studio]

17:30-18:30 Workshop “Bioindication”; Chair: van Dam H. & Rott E.  
[Konferenzraum]

19:00-21:00 *Chinese Buffet Dinner (at own cost: 10.50 Euro) /*

*Tischreservierung [Restaurant “Hee Lam Mun”, Grunewaldstr. 23]*

**Saturday 24 March 2007**

**Morning Session: Molecular Topics; Chair: R. Jahn**

[Lecture Hall / Hörsaal]

08:30-09:10 Kaczmarska I.: Diatom taxonomy: morphology, molecules and barcodes.

09:10-09:30 Medlin L., Jung I., Bahulikar R., Mendgen K., Kroth P. & Kooistra W.H.C.F.: Evolution of the Diatoms. VI. Assessment of the new genera in the araphids using molecular data.

09:30-09:50 Kroth, P.G.: Molecular tools to understand the physiology and cell biology of diatoms.

09:50-10:20 *Coffee break / Kaffee-Pause [2nd Level]*

10:20-10:40 Reid G. & Williams D.M.: The Relevance of Diatom Morphology: Comments on the genus *Cistula* Cleve.

10:40-11:20 Gemeinholzer B.: Molecular tools: will they change everything in Diatom taxonomy?

11:20-12:00 Panel with all speakers of this session „Molecular methods and/or morphology“

12:00-14:00 *Lunchbreak / Mittagspause [Garden Cafeteria] in 2 groups*

**Afternoon Session: Paleo Topics; Chair: H. Cremer**

[Lecture Hall / Hörsaal]

14:00-14:20 Huber K., Klee R., Schmidt R.: Distribution and morphological variability of *Cyclotella*-taxa in the late glacial Längsee (Austria).

14:20-14:40 Khursevich, G.: Main stages in the Development of Freshwater Centric Diatoms during the Cenozoic in Asia and Europe.

14:40-15:00 Houk V.: *Melosira hibschiei* Reichelt from the type locality in Varnsdorf (Czech Republic) and from other diatomite localities in North Bohemia (Czech Republic) and in Zittauer Gebirge (Germany).

15:00-15:20 Stachura-Suchoples K. & Khursevich G.: The Genus *Pliocaenicus* Round & Håkansson – Emended Description.

15:20-15:40 Ognjanova-Rumenova N.: Neogene diatom assemblages from lacustrine sediments of Serbia and their distribution in the correlative formation in S-W Bulgaria and Republic of Macedonia.

15:40-16:10 *Coffee break / Kaffee-Pause [2nd Level]*

16:10-17:50 Postersession Poster 31-51 [Hall on 3<sup>rd</sup> Level]

16:10-17:50 Microscopes available / Gelegenheit zum Mikroskopieren [Studio]

18:00-21:00 *Promenading Concerts in the Greenhouses / Wandelkonzerte in den Gewächshäusern [Botanic Garden]*

19:30 *Reception [Rousseau-Saal, Botanic Garden]*

**Sunday 25 March 2007**

[Attention: adjust your clock / Achtung: Sommerzeit]

**Morning Session: Biogeography; Chair: M. Cantonati**

[Lecture Hall / Hörsaal]

- 9:30-10:10 Lange-Bertalot H.: Kosmopoliten versus Endemiten, Biogeographische Implikationen steigender Taxazahlen (Cosmopolitans versus endemics: biogeographical implications of rising numbers of diatom taxa).
- 10:10-10:30 Metzeltin D.: *Cymbella sinuata* aus 30 Ländern: Variabilität oder Varitäten (*Cymbella sinuata* from 30 countries: variability or varieties)?
- 10:30-10:50 Van de Vijver B. & Spaulding S.A.: The genus *Muelleria* in the (sub-)Antarctic Region: morphology, taxonomy & biogeography.
- 10:50-11:10 Jasprica N. & Carić M.: Ecology of planktonic diatoms in the southern Adriatic coastal waters
- 11:10-12:00 Closing session and invitations to the next meetings: 2nd CE-DiatoM (Cantonati M.), 3rd CE-DiatoM (Cremer H.) and 20th International Diatom Symposium (Jasprica N.).