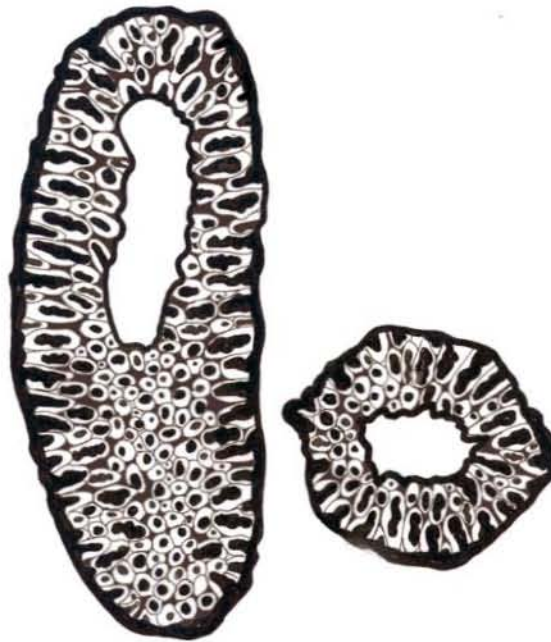




# 10<sup>th</sup> International Symposium on Fossil Algae

Cluj-Napoca, Romania, 12-18 September 2011



## PROGRAMME

### **Organizing Committee:**

Ioan I. Bucur (president)  
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Emanoil Săsăran  
Iulia Lazăr  
Ioan Tanțău  
Bruno Granier (IFAA web page)  
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### **We kindly acknowledge the following sponsors:**

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## **General programme**

### **September 12-15, 2011** – Pre-symposium field trip.

- Departure: September 12, afternoon (14.00) from the Babeş-Bolyai University, main building, no.1, M. Kogălniceanu st. (accommodation in Lacu Roşu);
- September 13: Bicz Gorges; trip to Dâmbovicioara (accommodation in Dealul Sasului, near Dâmbovicioara);
- September 14: Dâmbovicioara couloir; visit to Bran castle; trip to Sibiu (accommodation in Sibiu);
- September 15: visit to city of Sibiu; trip to Lopadea Veche, Gilău, and back to Cluj.

### **September 16-17** – Scientific sessions

**September 18** – Post-symposium field trip. Departure: september 18, morning (9.00) from the Babeş-Bolyai University, main building, no.1 M. Kogălniceanu st.; back to Cluj late afternoon.

## SCIENTIFIC SESSIONS

### Friday, September 16

#### 9.00: Opening

#### 9.15-12.00 – Keynote lectures

##### Chairpersons: Bruno Granier and Robert Riding

9.15-9.45: **Robert Riding** - Bioinduced and biocontrolled calcification and the geological history of calcified algae and bacteria (keynote lecture).

9.45-10.15: **Filippo Barattolo** - To be or not to be, the question of reproduction in Late Triassic/Early Jurassic dasycladaleans (keynote lecture).

#### 10.15-10.45: Coffee break

10.45-11.15: **Davide Bassi** - Palaeoenvironmental models of Paleogene shallow-water carbonate platforms in north-east Italy, Western Tethys (keynote lecture).

11.15-12.00: **Hans-Jürgen Gawlick, Felix Schlagintweit & Sigrid Missoni** - Onset of Late Jurassic carbonate platforms in an evolving thrust belt (Neotethyan realm) (keynote lecture).

#### 12.00-13.20 – Morning session

##### Chairpersons: Daniela Basso and Yasufumi Iryu

12.00-12.20: **Pavel V. Medvedev** - Similarity of the Paleoproterozoic stromatolites and modern microbial mats forming in the hypersaline coastal lagoon.

12.20-12.40: **Bogusław Kołodziej, Daria Ivanova, Elena Koleva-Rekalova & Valeri Sachanski** - Freshwater stromatolites and large oncoids from Elovdol locality at Kraishite, SW Bulgaria (Late Cretaceous?, Palaeogene?).

12.40-13.00: **Antonietta Cherchi & Rolf Schroeder** - Revision of the holotype of *Lithocodium aggregatum* Elliott, 1956 (Lower Cretaceous, Iraq): new interpretation as sponge-calcimicrobial consortium.

13.00-13.20: **Emanoil Săsăran, Ioan I. Bucur & Robert Riding** - Late Jurassic *Epiphyton* in Romania.

#### 13.20-15.30: Lunch break

#### 15.30-16.50 – Afternoon session (1)

##### Chairpersons: Davide Bassi and Pradeep Kundal

15.30-15.50: **Konstantin Frisch, Axel Munnecke & Christian Schulbert** - 3-D-reconstruction of the microfossil *Halysis* of the Late Ordovician of South China.

15.50-16.10: **Julio Aguirre, Jordi M. de Gibert, Jordi Martinell & Rosa Domènech** - The Pliocene vermetid-coralline algal buildup of Sant Onofre, Baix Ebre Basin (Tarragona, NE Spain).

16.10-16.30: **Daniela Basso, Annalisa Caragnano & Francesca Benzoni** - Coralline algae as active coral killers: implications for reef ecology and paleoecology.

16.30-16.50: **Bruno Granier, Dimas Dias Brito, Ioan I. Bucur & Paulo Tibana** - New Solenoporaceae (Rhodophyta) from the middle Cretaceous of Brazil.

**16.50-17.20 – Coffee break**

**17.20-19.20 – Afternoon session (2)**

**Chairpersons: Julio Aguirre and Tonci Grgasović**

17.20-17.40: **Julio Aguirre, Juan C. Braga, Bruno de Reviers & William J.**

**Woelkerling** - Reassessment of Lemoine's types of fossil corallines (Rhodophyta; Sporolithales and Corallinales) at the Muséum national d'histoire naturelle, Paris.

17.40-18.00: **Yasufumi Iryu & Shinya Matsuda** - Function of epithallial cells of nongeniculate coralline algae unraveled by time-series observations on thallus reconstruction of *Lithophyllum pallescens* (Foslie) Foslie.

18.00-18.20: **Pradeep Kundal, M. B. Bhagat & Milind P. Kundal** - Record of Coralline Algae from Bassein Formation (Middle to Late Eocene), Bombay Offshore Basin, India: Implication on Palaeoenvironment.

18.20-18.40: **Amit K. Ghosh & Suman Sarkar** - Facies characterization and palaeoenvironmental significance of reef-forming coralline algae dominated sediments: A case study from the Guitar Formation (Middle Pliocene) of Car Nicobar Island, India.

18.40-19.00: **Amit K. Ghosh & Suman Sarkar** - Palaeodiversity of fossil algae and benthic foraminifera with special allusion to taphonomy and growth-form analyses of coralline algae from the Late Middle Miocene Sediments of Long Formation, Little Andaman Island (Hut Bay), India.

**19.00-21.00 – Ice-breaker Party**

## Saturday, September 17

### 9.00-10.40 – Morning session (1)

**Chairpersons: Marc Conrad and Felix Schlaginweit**

9.00-9.20: **Felix Schlagintweit, Tilm Bover-Arnal & Ursula Menkveld-Gfeller** -

*Clypeina helvetica* Morellet & Morellet, 1918, revisited. A Priabonian (Late Eocene) dasycladalean alga from the Diablerets-Nappe of the Helvetic Alps, W-Switzerland.

9.20-9.40: **Shyam N. Mude, Padeep Kundal & Suyog A. Jagtap** - *Subterraniophyllum thomasi* Elliott, fossil calcareous alga from Lower-Middle Miocene sediments of the Porbandar Basin, SW India.

9.40-10.00: **Davide Bassi, Marc Humblet, Yasufumi Iryu, Hiroki Matsuda & Hideko Takayanagi** - Recent deep-water macroid beds from southwest of Kikai-jima in the northern Ryukyu Islands, southern Japan: ecology and taphonomy

10.00-10.20: **Sheila Villalba-Breva & Carles Martín-Closas** - Charophytes from the Upper Cretaceous of the Ager Basin (Central Pyrenees, Spain).

10.20-10.40: **Filippo Barattolo, Ioan I. Bucur, Boguslaw Kolodziej & Marius Hoffmann** - *Triploporella remesi* (Steinmann) from the Tithonian of Štramberk revisited (Green algae, Dasycladales).

### 10.40-11.20 – Coffee break

### 11.20-13.00 – Morning session (2)

**Chairpersons: Filippo Barattolo and Patrick Genot**

11.20-11.40: **Ioan I. Bucur & Daria Ivanovna** - Upper Jurassic-Lower Cretaceous calcareous algae from the western Bulgaria and eastern Serbia

11.40-12.00: **Ioan I. Bucur, Bruno Granier, Ioan Cociuba, Calin Bruchental & Alexandru Vlad Marian** - Representatives of the genus *Triploporella* in the Lower Cretaceous limestones from Romania.

12.20-12.40: **Patrick Genot & Jacques Le Renard** - Upper Eocene to Lower Miocene Dasycladales of France.

12.40-13.00: **Bruno Granier, Michel Cougnon, Ioan I. Bucur & Abel Prieur** - *Tersella incompleta*, new finds from the type-area.

13.00-13.20: **Seyed A. Hosseini, Marc A. Conrad & Pascal Kindler** - *Iranella inopinata* Gollestaneh 1965 ex. Hosseini & Conrad, n. comb. A puzzling dasycladalean alga from the Lower Cretaceous formations of the Zagros fold-thrust belt, SW Iran.

### 13.20-15.00 – Lunch break

### 15.00-15.40 – Afternoon session

**Chairpersons: Antonietta Cherchi and Rolf Schroeder**

15.00-15.20: **Branko Sokač, Tonči Grgasović & Ivo Velić** - Paleogene Dasycladalean algae from the north-east foot of Biokovo Mt. (Dinarides Mts., Croatia).

15.20-15.40: **Ovidiu N. Dragastan, Ioan I. Bucur & Emanoil Săsăran** - Calcareous algae from the Upper Cretaceous of Morocco.

15.40-16.00: **Koorosh Rashidi, Ioan I. Bucur, Baba Senowbari-Daryan & Behnam Saberzadeh** - Calcareous algae from the Lower Cretaceous carbonates in central Iran (Ardakan area, Herisht Mount).

16.00-16.20: **Koorosh Rashidi, Tahere Parvizi & Vahid Poorchangiz** - Calcareous algae and Problematic microfossils from Permian Dalan formation of Dena Mountain, SW Iran.

**16.20-16.40 – Coffee break**

**16.40-18.30 – Poster session**

**Chairpersons: Amit K. Ghosh and Ovidiu Dragastan**

**18.30-19.00 – IFAA General Assembly**

**19.00-22.00 – Optional: Conference dinner (Romanian traditional food, Valahia Restaurant)**

## Posters session

1. **Daniela BASSO, Andrea Noemi FAVALLI & Valentina Alice BRACCHI** - Modern microbialites of southern Sinai (Egypt) and their environment
2. **Valentina A. BRACCHI, Daniela BASSO, Ronald NALIN & Francesco MASSARI** - The Pleistocene coralligenous build-ups of Le Castella and Capo Colonna terraces (Calabria, Southern Italy)
3. **Cleber Pereira CALÇA, Tereza Regina Machado CARDOSO & Setembrino PETRI** - Examples of applications of fossil microorganisms in the ecologic evolution of Irati Subgrupo (Upper Permian, Paraná basin, Brasil)
4. **Paula Ramona CHELARU, Emanoil SĂSĂRAN, Ioan I. BUCUR, Ramona BĂLC, Tudor TĂMAȘ & Claudia BELDEAN** - Carbonate facies with rhodoliths from Vălenii Șomcutei (NW Transylvanian basin)
5. **Ioan COCIUBA & Delia Cristina PAPP** - Algae-bearing limestones from the Vârciorog Formation (Pădurea Craiului Mountains) in the context of Mid- Cretaceous oceanic anoxic events
6. **Mostafa FALAHATGAR, Hossein MOSADDEGH & Mahnaz PARVANEHNEJAD SHIRAZI** - Dating Calcareous Algae of the Mobarak Formation (Mississippian), Sari, North of Iran
7. **Mariana A. HEBRISTEAN & Ioan I. BUCUR** - Dasycladalean calcareous algae in the Upper Jurassic- Lower Cretaceous limesone deposits from Calatea (Padurea Craiului, Apuseni Mountains, Romania)
8. **Alicja KOCHMAN** - Differentiation of microbolites in the Oxfordian carbonate buildups from the southern part of the Kraków Upland (southern Poland)
9. **Bogusław KOŁODZIEJ & Agata JURKOWSKA** - Spheroidal, nanobacteria-like objects as possible sample etching Artifacts
10. **Justyna KOWAL, Barbara OLSZEWSKA & Marek CIESZKOWSKI** - Uppermost Jurassic–Lower Cretaceous exotic limestones with algae from the Silesian Nappe, Polish Outer Carpathians (Żegocina, Olszyny and Lanckorona area)
11. **Daniel F. LAZAR, Ioan I. BUCUR, Ioan COCIUBA, Emanoil SĂSĂRAN & Ionut ANDREICA** - Lower Cretaceous deposits from Vârciorog-Dobrești area (Pădurea Craiului Mountains). Microfacies and calcareous algae
12. **Iuliana LAZĂR, Mihaela GRĂDINARU & Lucian PETRESCU** - Stromatolites from the Middle Jurassic condensed horizon and hardgrounds of Southeastern Carpathians, Romania
13. **Alexandru Vlad MARIAN & Ioan I. BUCUR** - Algae in the Urgonian limestones from Perșani Mountains (Romania)
14. **Angela MICLEA, Cătălin JIPA, Ioan I. BUCUR & Sorin FILIPESCU** - The dasycladacean alga *Halicoryne moreletii* from Borod Basin (Romania) and its paleoecologic significance
15. **Paulina MINOR, Stanislaw LESZCZYŃSKI, Bogusław KOŁODZIEJ & Davide BASSI** - Coralline algae in the Paleogene flysch of the Polish Outer Carpathians: a review
16. **Rachel NUNES LEAL, Gilberto M. AMADO-FILHO, Davide BASSI, Yasufumi IRYU, Renato POSENATO & Hideko TAKAYANAGI** - The shallow-water Recent rhodoliths from Abrolhos Bank, Brazil: tomography, taphonomy and geochemistry
17. **George PLEȘ, Cristian V. MIRCESCU, Ioan I. BUCUR & Emanoil SĂSĂRAN** - Encrusting organisms and microbial structures in the Upper Jurassic limestones from South Carpathians (Romania)
18. **Anja RÖSLER & Simone ARRAGONI & the THROUGHFLOW Project** - The origins and evolution of the modern Indo-Pacific reef algal flora: the coralline algae in the context of the THROUGHFLOW Project



19. **Liana SĂȘĂRAN, Emanoil SĂȘĂRAN & Ioan I. BUCUR** - Upper Cretaceous foram-algal assemblages of rudist-bearing deposits from Valea Neagră, Borod Area (NW Romania)
20. **Felix SCHLAGINTWEIT** - Remarks on the *Pseudovermiporella* Elliott, 1958 and the origin of thaumtoporellacean algae
21. **Felix SCHLAGINTWEIT** - Interpreting the microencruster incertae sedis *Bacinella ordinata* Pantić, 1972 and *Bacinella bicellularis* Sadati, 1981 as thaumtoporellacean algae
22. **Wojciech WRÓBLEWSKI** - Cyanobacterial and algal communities in Buzgó tufa depositing stream (Slovak Karst, southern Slovakia)

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