

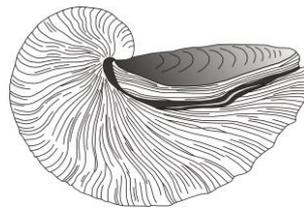
JURASSICA XII

4th IGCP 632 meeting

and Workshop of the ICS Berriasian Working Group

April 19th-23rd, 2016, Smolenice Castle, Slovakia

The third circular



Dear friends of the Jurassic research,

The time of our common meeting in the Smolenice Castle is knocking on the door (it is April already!). Vast majority of fifty-two applicants confirmed their participation on the Jurassica XII Conference in Smolenice, Slovakia 2016. The Malé Karpaty Mts is full of spring flowers, our fieldtrip localities (described on <http://geo.sav.sk/event/jurassica-12/>) are waiting for you. The nature is waking up (with all its beauty, but also with ticks).

Some of you have announced the time of arrival to Bratislava. Those arriving by train can use the bus line No 32 from the Bratislava hlavná stanica (Main Railway Station), it takes fifteen minutes to Botanická záhrada (Botanic garden) bus stop, just nearby the Družba Hotel (use the bridge on the other side of the road). The website of the Družba Hotel is <http://www.hoteldruzba.sk/kontakt/>. Travel information is attached to this circular. For further details see also our website.

Fieldtrip participants will meet in the Wednesday morning, April 20th at 08.30 at the parking place besides the Družba Hotel, in which majority of you will be housed. Our fieldtrip bus will start from there (those who intend to use own car, please, announce it to us as early as possible). Take your luggage with you, as the trip will finish in the Smolenice Castle. Lunch packets will be provided. The localities will be mostly easy accessible, near the roads. Nevertheless, do not forget good shoes. Weather is mostly mild in this season, with temperatures between 0 to 20°C, but occasional rain shower cannot be excluded. You will receive the Field Trip Guide, which contains introduction to the theme and description of localities. We plan to arrive to the Smolenice in the afternoon. The website of the SAS Congress Centre in Smolenice is www.kcsmolenice.sav.sk.

The Thursday will be devoted to wide problems of the Jurassic research. We combined program of traditional Jurassica Conferences with the aims of the UNESCO IGCP 632 Project: its leaders are supporting this idea and promised to join the common effort. All the abstracts delivered have been involved in the Abstracts Book.

Oral presentations: 20 minutes including discussion. Data projector and notebook will be available. Posters: size format up to 1 m width and 1.5 m tall. Poster exhibition will be placed nearby the lecture room. Language in sessions: English.

In the following list, we introduce definitive program of this part of our meeting.

JURASSICA XII CONFERENCE

*Thursday, April 21st: **Morning session:***

7.45 – 8.00 - Opening ceremony

*Chairmans: **Feldman-Olszewska A., Sha J.***

8.00 – 8.30: Sha J. and Vajda V. (keynote): Continental Crises of the Jurassic: Major Extinction Events and Environmental Changes – aims and perspectives of the IGCP 632 Project

8.30 – 8.50: Brański P. and Pieńkowski G.: Triassic–Jurassic boundary sections in the Polish Basin – new mineralogical and geochemical data

8.50 – 9.10: Sha J.: Paleogeographic changes during the Triassic-Jurassic transition in China

9.10 – 9.30: Krobicki M.: Lower Jurassic (Pliensbachian) *Lithiotis*-type bivalve-bearing limestones of the Albanian Alps – sedimentological and palaeoecological preliminary observations

09.30 – 09.50: Pieńkowski G., Hodobd M. and Ullmann C. V.: Fungal plant decomposition accelerated Early Jurassic climate change

9.50 – 10.10: Coffee break

Chairmans: Wierzbowski A., Rogov M. A.

10.10 – 10.30: Krobicki M.: Review of the Middle Jurassic crabs (Brachyura) – their stratigraphic and palaeoenvironmental distribution

10.30 – 10.50: Šimo V.: Trace fossil assemblage of Lower Jurassic bioturbated deep water marly limestones of fleckenkalk-fleckenmergel facies in the Central Western Carpathians

10.50 – 11.10: Krobicki M., Iwańczuk J., Wierzbowski A. and Feldman-Olszewska A.: Toarcian–Aalenian and Bajocian syn-rift events in the Western Carpathians (Pieniny Klippen Belt and Tatra Mountains; Ukraine, Slovakia and Poland)

11.10 – 11.30: Ivanova D., Schlögl, J. and Tomašových, A.: Two types of benthic Middle Jurassic foraminifera from the Vršatec Limestone (Pieniny Klippen Belt, Western Carpathians, Slovakia)

11.30 – 11.50: Gawlick H-J., Suzuki H. and Missoni S.: On the way to a more precise Middle–Late Jurassic radiolarian biostratigraphy a tool for a better palaeogeographic and geodynamic reconstruction of the western Neotethyan realm: key sections in the Northern Calcareous Alps

11.50 – 13.30: Lunch break

Thursday, April 21st: Afternoon session:

Chairmans: Gawlick H-J., Krobicki M.

13.30 – 13.50: Tyborowski D., Błażejowski B. and Gieszc P.: Marine and terrestrial reptiles from the Upper Jurassic limestones of Owadów-Brzezinki

13.50 – 14.10: Rogov M. A.: Infrazonal ammonite biostratigraphy of the Upper Kimmeridgian of Polish Lowland (preliminary results) and Late Kimmeridgian events

14.10 – 14.30: Matyja B. A., Pszczółkowski A. and Wierzbowski A.: Tithonian *Chitinoidea* horizon and “Volgian” and “Portlandian” ammonites in the Owadów-Brzezinki section (central Poland) – a clue for Upper Jurassic interregional correlations

14.30 – 14.50: Wierzbowski A.: Towards a uniform Oxfordian–Kimmeridgian boundary – current state of knowledge

14.50 – 15.10: Malenkina S.: Preliminary study and first analytical results of Upper Jurassic black shales from Moscow Region

15.10 – 15.30: Tea break

Chairmans: Baraboshkin E. Yu., Skupien P.

15.30 – 15.50: Shchepetova E., Panchenko I. V., Baraboshkin E. Yu., Nemova V. D., Smirnova M. E. and Zuykova M. V.: Fish-debris tempestites within Upper Jurassic radiolarian lithofacies of Western Siberia

15.50 – 16.10: Wierzbowski H., Dubicka Ż., Rychliński T., Durska E. and Błażejowski B.: Depositional environment of Sławno limestones (uppermost Jurassic, central Poland): evidence from microfacies analysis, microfossils and geochemical proxies

16.10 – 16.30: Golej M., Schlögl J. and Wierzbowski A.: The first findings of the bivalve genus *Aulacomyella* in the Upper Jurassic deposits of the Krížna Nappe and the Pieniny Klippen Belt (Western Carpathians)

16.30 – 16.50: Coffee break

Thursday, April 21st: Evening session:

Chairmans: Reháková D., Dzyuba O. S.

16.50 – 17.10: Hara U., Vašíček Z. and Skupien P.: Tithonian/Berriasian stromatoporoid biota of the Štramberk Limestone (Outer Carpathians, Czech Republic)

17.10 – 17.30: Arkadiev V., Guzhikov A. Y., Grishchenko V. A., Manikin A. G., Sevelyaeva Y. N., Feodorova A. A. and Shurekova O. V.: Berriasian-Valanginian boundary in the Crimean Mountains

17.30 – 17.50: Feldman-Olszewska A., Malolepszy Z., Kijewska S., Gluszyński A., Wróbel G., Adamczak-Biały T., Chelmiński J. and Szykaruk E.: 3-D geological model of Jurassic deposits from the Lublin Basin, E Poland

17.50 – 18.10: Socha K. and Makos M.: Revealing what has been overlooked - petroleum potential of the Jurassic deposits in Central Poland.

18.15 – Dinner

19.30 – 21.00: poster section + couloir discussion

Posters:

Dzyuba O. S. and Shurygin B. N.: J/K boundary interval in Siberia: Litho-, bio-, magneto-, and chemostratigraphy.

Fekete K. and Ozdínová S.: Lithology and microfacies of the Jurassic - Lower Cretaceous Nižná Limestone Fm in the Krásna Hôrka Quarry (PKB)

Gawlick H-J., Aubrecht R., Schlagintweit F., Missoni S. and Plašienka D.: Detection of chrome spinels of harzburgitic provenance in the Kimmeridgian of the central Northern Calcareous evidenced Late Jurassic erosion of an obducted Neotethyan ophiolites in the southern Eastern Alps

Grabowski J., Gawlick H.-J., Iwańczuk J., Krische O., Reháková D. and Wójcik K.: Tithonian–Berriasian magnetostratigraphy in the Northern Calcareous Alps (Leube quarry, Northern Calcareous Alps, Austria) – first results

Jeziarska A. and Luczyński P.: Unconformity between the Triassic and the Jurassic in the High-Tatric unit, Tatra Mountains

Shchepetova E. and Rogov M. A.: Organic carbon-rich shales within coarse-grained lithofacies of Jurassic–Cretaceous transition at the Russian Platform

Tomašových A., Schlögl J., Kaufmann D. S. and Hudáčková N.: Time averaging of Holocene cephalopod assemblages in condensed sediments and implications for the fossil record

Bakhmutov V. G., Casellato C. E., Halášová E., Ivanova D. K., Reháková D. and Wimbledon W. A. P.: Bio- and magnetostratigraphy of the Upper Tithonian–Lower Berriasian in southern Ukraine

In the Friday morning, after closing the talk session of the Conference, visit of the fossiliferous Chtelnica locality with Lower Jurassic ammonites is planned. After lunch in the Smolenice Castle, the JURASSICA Conference will be finished. For leaving participants, a bus transport to Bratislava will be prepared.

In the Friday afternoon, the workshop of the Berriasian group will start, which will be devoted to selection of important sections comprising the Jurassic/Cretaceous boundary beds in different regions. These contributions can serve as a base of discussion on criteria for Saturday discussion and talks on general problems of the J/K Boundary delimitation.

WORKSHOP OF THE ICS BERRIASIAN GROUP

(Jurassic/Cretaceous Boundary)

Friday afternoon, April 22nd: JKB workshop -stratotypes

Chairmans: Sha J., Michalik J.

14.10 – 14.30: Guzhikov A., Arkadiev V. V., Baraboshkin E. Y., Fedorova O. V., Shurekova E. E., Baraboshkin A. G., Maninkin V. V., Golozubov S. A., Kasatkin S. A. and Nechaev V. P.: New bio- and magnetostratigraphic data at the Jurassic–Cretaceous boundary of the Chigan Cape (Vladivostok area, Russia)

14.30 – 14.50: Rogov M. A., Shurygin B. N., Zakharov V. A., Dzyuba O. S., Nikitenko B. L. and Pestchevitskaya E. B.: The Nordvik section – Boreal auxiliary section for the base of the Berriasian and candidate section for the SSSP of the Ryazanian Stage

14.50 – 15.10: Schnabl P., Pruner P., Čížková K., Elbra T. and Wimbledon W.A.P.: Recent palaeomagnetic interpretations on the Jurassic-Cretaceous boundary in the Nordvik Peninsula

15.10 – 15.30: coffee break

Chairmans: Casellato C. E., Grabowski J.

15.30 – 15.50: Baraboshkin E. Yu., Rogov M. A., Guzhikov A. Yu., Dzyuba O. S., Urman O. S., Shurygin B. N., Pestchevitskaya E. B., Manikin A. G. and Pimenov M. V.: Kashpir section (Volga River, Russia), the proposed auxiliary section for the J/K interval in Subboreal Realm

15.50 – 16.10: Michalík J., Reháková D., Grabowski J., Lintnerová O., Svobodová A., Schlögl J., Sobień K. and Schnabl P.: Complex stratigraphy, lithology and magnetic proxies of the J/K boundary interval in the Pieniny Klippen Belt (Western Carpathians, Slovakia)

16.10 – 16.30: Vašíček Z. and Skupien P.: Tithonian to Early Berriasian ammonites from the Štramberk Limestone of the Kotouč Quarry near Štramberk (Outer Western Carpathians)

16.30 – 16.50: Svobodová A. and Košťák M.: Calcareous nannofossils of the Jurassic/Cretaceous boundary strata in the Puerto Escaño section (southern Spain) - biostratigraphy and palaeoecology

*Saturday morning, April 23rd: **JKB final discussion***

Chairmans: Wimbledon W. A. P., Rogov M.A.

8.30 – 8.50: Casellato C. E. and Erba E.: Synthesis of calcareous nannofossil events across the Jurassic/Cretaceous boundary: implications for the definition of the Berriasian base

8.50 – 9.10: Grabowski J.: Magnetic susceptibility as a stratigraphical marker at the J/K boundary: does it work?

9.10 – 9.30: Pruner P., Schnabl P., Čížková K. and Elbra T.: Paleomagnetic and high-resolution magneto-stratigraphic investigations across the J/K boundary strata: the role in paleogeography

9.50 – 10.10: coffee break

Chairmans: Erba E., Michalík

10.10 – 10.30: Reháková D. and Michalík J.: Calpionellids in the Upper Jurassic/Lower Cretaceous pelagic carbonate sediments of the Western Carpathians – tool for their stratigraphy and paleoenvironmental interpretation

10.30 – 10.50: Rogov M. A.: Review of the Upper Volgian ammonite biostratigraphy of Arctic

11.10 – 11.30: Wimbledon W. A. P.: Resolving the positioning of the Tithonian/Berriasian stage boundary and the base of the Cretaceous System

11.30 – 13.00: General discussion

13.00 – Closing of the workshop, lunch

During Saturday afternoon, the JKB workshop will be closed and participants will return by conference bus to Bratislava.

TRAVEL INFORMATION

Arriving to Bratislava:

by car:

The motorways in Slovakia are toll based. You need an e-vignette

(<https://www.eznamka.sk/selfcare/purchase/?sessionexpired=False&frompayment=False>) to use Slovakian motorways and expressways in Slovakia. Electronic vignettes are also available at many petrol stations near border crossings. For further details:

<http://www.ndsas.sk/homepage/44964s#Homepage>

by train:

There is one central railway station in Bratislava. Bratislava hlavná stanica (Main Railway Station). For more information and tickets: <http://www.slovakrail.sk/en.html>

by bus:

International buses arrive to, and depart from Autobusová stanica Mlynské nivy (Main Bus Station). The bus station is one of the central public transport spots in Bratislava, so you can get here easily using wide variety of buses or trolleybuses. The trolleybus number 210 provides the connection between the bus station and the Main Railway Station and the journey takes no more than 10 minutes.

by plane:

Letisko M. R. Štefánika – Airport Bratislava (BTS) is located in the eastern part of the capital city of Bratislava, with a direct link to the D1 motorway by-pass. You can travel from BTS to the city by public transport (bus 61, 96), taxi, minibus.

Vienna, Schwechat Airport has international bus connection to Bratislava. For tickets and timetables see: <https://www.slovaklines.sk/vienna/im-flying-from-the-vienna-airport.html> or <http://regiojet.sk/novinky/autobusy-regiojet-predstavujeme-linku-bratislava-vieden.html>

Public transport:

Tickets are available at every public transport stations in Bratislava (train, plain, or international/domestic bus stations). Please always buy your ticket before entering one of the transport vehicles. More information: <https://imhd.sk/ba/public-transport>

How to get to Družba Hotel:

From Autobusová stanica Mlynské nivy (Main Bus Station)

Most SNP with bus line 70

Botanická záhrada with tram line 4

From Bratislava hlavná stanica (Main Train Station)

Botanická záhrada with bus line 32

From Vienna, Schwechat Airport

Most SNP with international bus connection Vienna-Bratislava

Botanická záhrada with tram line 4

Maps are also available on <http://geo.sav.sk/event/jurassica-12/venue-accomodation/>

How to get to Smolenice Castle

By car

For route planning we recommend to use google maps

From Autobusová stanica Mlynské nivy (Main Bus Station)

Buy a ticket at the Main Bus Station to Smolenice, OcÚ (Smolenice, municipal office)

From Bratislava hlavná stanica (Main Train Station)

Trnava with train line Os 2019

Smolenice with train line Os 2608

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We are looking forward to meet you in Smolenice!

The Organizing Committee

Bratislava, April 6, 2016