
Pander Society Newsletter



Compiled and edited by M.C. Perri, M. Matteucci and C. Spalletta

DIPARTIMENTO DI SCIENZE DELLA TERRA E GEOLOGICO-AMBIENTALI,
ALMA MATER STUDIORUM - UNIVERSITÀ DI BOLOGNA, BOLOGNA, ITALY

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Webmaster Mark Purnell, University of Leicester

Dear Pander Society people,

Welcome to the 2011 edition of the Pander Society Newsletter, my second attempt at providing news and a list of conodont publications that have appeared over the past year! We have again had several formal and informal meetings of the Society. Please let me know about even the smallest 'get-togethers'. Conodont research has continued to flourish but there were less responses to the mail-out requesting brief reports on research activities. I hope this does not reflect a continuing decline in membership. All contributions were very welcome, but we would like to have information (even including reminiscences) from those who feel that their achievement may have been minimal. The computer hackers have been very active during the past year and have caused many colleagues to change their e-mail addresses; please inform me when this occurs. Also, do send me copies of any relevant documents and photographs for addition to the Archive (historical record) that has been building up during the reigns of my predecessors occupying the 'chair' of Chief Panderer.

A major blow to conodontology was the passing of Otto Walliser on 30 December. Otto defined the direction for Silurian conodontology with his monumental memoir on the Silurian conodonts of the Carnic Alps in Austria—see Obituary and posthumous presentation of the Pander Society Medal to Otto's son Thomas in Marburg on 7 May. It was followed by a conodont-flavoured excursion to the Devonian and Mississippian in the vicinity of Marburg. Other losses were Peter Molloy, a stalwart of the Australian Pander Society sub-group, Sándor Kovács (Hungary) and Graeme Philip (Australia).

A memorial field meeting and formal conference session was held in Ufa and Novosibirsk in memory of Yevgeny Aleksandrovich ('Zhenya') Yolkin who passed away in 2009. It was a fitting tribute to Zhenya who, with enormous energy over 30 years, had developed conodont investigations at the Soviet (now Russian) Academy of Science in Novosibirsk. He introduced modern techniques for chemical extraction of conodonts and other biostratigraphically important pelagic micro-fossil groups, including radiolarians and chitinozoans. The pre- and post-conference excursions had a strong conodont focus, the former on the southern Urals where conodont colleagues from Ufa have achieved marvels from conodonts preserved as moulds in cherts at thousands of localities. I would love to have been able to be there to savour what they have achieved. The post-conference excursion focused on the Devonian of the Kuznetsk Basin to whose conodont biostratigraphy Zhenya had devoted much of his life.

The only official, widely advertised, Pander Society Meeting was one held in Pittsburgh, Pennsylvania, in association with the NE-NC meeting of the Geological Society of America on 20 March 2011, although a meeting (a subset of a meeting of the German Palaeontological Society) for posthumously delivering to Thomas Walliser the society's gold medal presented to his father, Otto Walliser, was effectively a second meeting of the Society. There will surely be an informal meeting or meetings (informality is our forte!) of the Pander Society in association with the International Geological Congress in Brisbane, Australia, on 5–15 August 2012. One focus, inevitably, will be on solving geological problems using conodonts. My view, possibly a biased one, is that no fossil group has contributed more to illuminating (if not in fact solving) major problems in the earth sciences, not just biostratigraphy and stratigraphic alignments, but grand-scale tectonics and regional thermal annealing.

Incidentally, major scientific monographs seem to be much harder to get published these days, but are far more important than what someone once described as 'salami' publications. The latter tend to be lost in the avalanche of scientific publications, as do most excursion guidebooks (many of these involve a vast amount of work) and items in the cloudburst of conference abstracts, especially when they do not lead to substantial contributions to our (or anyone else's) science, or when, in haste to submit conference abstracts, ideas change substantially even dramatically from conference to conference. Do not hesitate to send citations for all such ephemera for incorporation into our consolidated list of publications, no matter how seemingly inconsequential, so that some account might be taken of them. Incidentally, there seems to have been a fall-off in comments to Con-nexus. Do keep them rolling in! It has been a wonderful medium for airing ideas.

Thank you all for sending in your contributions. It is always a pleasure to interact with anyone who is enamoured of conodonts! Thanks go as well to Suzanna Garcia-Lopez, John Repetsky and Wang Cheng-Yuan for deliberating on nominations for the Society's Pander and Hinde medals. I am also very grateful to our webmaster Mark Purnell (Leicester) for making this newsletter available on the web. I am always grateful to Myriam Matteucci, an old friend from university days and even earlier, and to Claudia Spalletta for helping Myriam and me get this newsletter down the 'chute. A special thank-you goes to Myriam for enormous help in stitching together the entire bibliography and providing the version in EndNote of entries for 2010 and 2011, now available on the Pander Society website. Thanks also to John Talent who ran his eye over the newsletter and, as he says, "eliminated a few lumpy areas". Best wishes to all of you and, I hope, scintillating results from your research that I look forward to reporting in the next newsletter!

Cristina

Maria Cristina Perri, Chief Panderer

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In Memory

We have lost four of our conodont researchers *Sándor Kovács*, *Peter Molloy*, *Graeme Maxwell Philip* and *Otto Heinrich Walliser*. We remember them for their significant contributions to our science and for their friendship towards us.

Sándor Kovács



On 23 September 2010, Sándor Kovács left us unexpectedly. He was an outstanding personality of Hungarian geology who initiated several international co-operative projects and who had close contacts with a great number of colleagues all over the world. He was an active member of the Hungarian Geological Society and leader of the General Geology Branch for many years. He was born in Tamási, a village in the central part of Transdanubia. After elementary schools, he attended the József Szabó Geological High School in Budapest where he obtained his first knowledge about the earth sciences. It was there that he gained the impetus for his entire life: appreciation of rocks and fossils.

Since 1970 he continued his studies on the University of Szeged and graduated as a geologist and geographer. There he met Professor Kálmán Balogh, head of the Geological and Paleontological Department and became his favourite student. Their careers intertwined. In 1975, after obtaining his diploma, Sándor became an assistant in Professor Balogh's department.

In addition to teaching, he undertook a thesis on the fossil-rich

Triassic formations of the Aggtelek Hills; the defence of his dissertation in 1977 was regarded as internationally outstanding. Meantime he learned the methods for investigating conodonts.

He was soon an internationally acknowledged expert in that field. In 1977, Professor Balogh retired and returned to the Hungarian Geological Institute to assist in the geological mapping of northern Hungary that was initiated at that time. Sándor Kovács followed him, becoming a fellow of the Geological Institute. Between 1978 and 1987 he had a crucial role in study of the Triassic of the Aggtelek and Rudabánya Hills and the Palaeozoic formations of the Uppony and Szendrő Hills. Based on investigation of conodonts he elaborated a new stratigraphic model for the Palaeozoic of northern Hungary. In addition to these works, he wrote a particularly important paper on the problematic Tisza terrane including its plate-tectonic interpretation. He hypothesized long-distance displacement of certain elements of the basement of the Pannonian Basin.

Sándor was very active as regards international scientific communication during this part of his life. He took part in the work of the Triassic Subcommittee of the International Stratigraphic Commission for a long time, worked as secretary of the Triassic Conodont Working Group and undertook tasks in several projects of the International Geological Correlation Program.

In 1987, he was invited by Professor József Fülöp to join the staff of the Geological Research Group of the Hungarian Academy of Sciences at the Eötvös Loránd University. At that time compilation of the Paleozoic volumes of Geology of Hungary was already well underway; his knowledge and tireless activity were indispensable for this project. Accordingly he concentrated his efforts to Palaeozoic conodont stratigraphy, publishing highly appreciated papers on the metamorphic indicator role of conodonts, the submarine slope sediments in northern Hungary and, moreover, on evaluation of oceanic remnants in the entire Carpathian-Pannonian region. In the 1990ies he became acquainted with the terrane concept and was one of the first who drew attention to the applicability of this concept for geodynamic interpretation of the heterogeneous basement of the Pannonian Basin. Developing this thesis became the most important scientific problem for him until the end of his life. This effort led him to extend his relationships with the colleagues working in central and southern Europe for organizing comparative studies of the Alpine, Carpathian, Dinaridic and Hellenidic regions and initiating compilation of the Circum-Pannonian terrane map series. As regards comparative studies, correlation of the Palaeozoics of the Szendrő and Uppony Hills in northern Hungary with those in the Carnic Alps, Southern Alps and Graz Basin brought essential results which became fundamental elements of the Palaeozoic terrane maps and in publications dealing with this topic. Comparison of the Palaeozoic to Triassic sequences of the Bükk Mts, northern Hungary with specific units in the Dinarides was also of outstanding importance. In the last decade he devoted enormous energy

to investigating displaced remnants of the Neotethys Ocean in northern Hungary, comparing them to the ophiolite mélangé zones exposed over large areas in the Dinarides and Hellenides. Results of these studies were incorporated into several papers and the Mesozoic sheets of the terrane maps.

In addition to research, teaching was an important component of Sándor Kovács's career. He took part initially in educating students at Szege University. After 1987 he was continuously involved in educating geologists at the Eötvös Loránd University, Budapest. He shared his wide and deep knowledge with students on the geology of Hungary and the Alpine, Carpathian and Dinaridic regions. He assisted many talented and diligent young people and involved them in thrilling topics. Sándor Kovács's life was inseparable from his work. He took all scientific problems and debates to heart—intensely so. His unexpected death terminated a brilliant career. He was unable to complete many of the tasks he anticipated doing. In spite of this, what he did and what he 'put onto the table' is of truly outstanding value and will remain as permanent elements in understanding the geology of Hungary and surrounding regions. We preserve the memory of this very likable, very pleasant personality.

János Haas Chief of the Hungarian Geological Society - Eötvös Lorand University of Sciences, Budapest

Peter Molloy
(1943–2011)



Peter Molloy was one of those who bravely joined the first intake of students at Sydney's Macquarie University in 1967 where he undertook a part-time BA degree in Earth Sciences, graduating in 1971. He then undertook a part-time Masters degree, struggling with what proved to be a non-project, trying to unravel the geological history of the limestone-infested country about Portland, about 120 km northwest of Sydney. During about 15 months, as a weekend activity, he combed the area meticulously for limestones, taking samples and acid-leaching them. The result? Not a single conodont. The Portland limestones are lenticular with very shallow-water lithologies (massive or poorly-bedded; fenestral fabrics; occasionally dolomitic) in flysch. Peter's supervisor had never visited the area...

Fortunately, between late 1968 and 1973, I had amassed an extensive suite of limestones, most of them stratigraphically collected from various parts of northern Pakistan: from sequences east and west of Peshawar and from various localities in Chitral. Peter meticulously documented the various conodont faunas (Ordovician to Triassic) and produced a superb thesis.

About two decades later, Ruth Mawson and I, who had been covert supervisors of his MSc, encouraged Peter to apply for a doctoral scholarship, specifically for mature-age students; his application was successful. He focused on the earliest Middle Silurian Ireviken Event, brought to prominence by the inimitable Lennart Jeppsson. An elegant sequence on 'Kalinga', at Boree Creek, northwest of Orange, had been shown from conodont biostratigraphy by us, coupled with isotope chemistry by Anita Andrew, to span the Llandovery–Wenlock boundary and thus the Ireviken Global Extinction Event. Peter attacked the problem with gusto. The result? Conodonts by the thousand! Peter produced an elegant and balanced thesis submitted in 2006; it was received enthusiastically by all three examiners (all external). Peter's linkage with the magnanimous Lennart Jeppsson, the principal guru of Silurian global events, had been pivotal; Lennart was a constant source of encouragement.

Peter co-authored seven significant papers and 14 abstracts about conodonts of various ages and their implications for the geology of eastern Australia and northern Pakistan. He is lead author of two other papers—one in press and another soon to be submitted, both on the Ireviken Event. At the time he was undertaking his MSc he was unable to do fieldwork in the now politically inaccessible Khyber region of northern Pakistan, but relished subsequent opportunities to participate in fieldwork in central Nepal, southern Thailand, in the Chitral and Nowshera regions of Pakistan, and in various regions of Australia scattered from eastern Victoria to the Broken River in northern Queensland. His boating skills were frequently crucial, especially for sampling Silurian limestones in the Mitta Mitta River–Gibbo River–Wombat Creek area of eastern Victoria. Peter travelled twice with me to South Asia in 1997 and 2004; the principal focus of both trips was the geology of north-western Pakistan. On our way back from the first of

these trips, we spent a couple of days in central Nepal where the notorious charlatan, Prof. Vishwa Jit Gupta had reported various discoveries (all spurious) in the mountains around the Kathmandu valley and had thereby done much damage to understanding of the geology of that part of the Himalaya.

Peter relished contact with the ancient and colourful Kalash and the endlessly hospitable Ismailis (both now under threat from the bombs of fundamentalists). The main focus on both trips, however, was the rock sequences in Pakistan that had provided the conodonts that had enabled Peter to contribute significantly to improving knowledge of the geological history of Pakistan's far north-west. Peter enjoyed the sound of an occasional mullah belting the Koran into small pupils, the rickety jeeps, the sometimes bowel-shattering food, and collecting limestone samples from road cuttings among the dramatic scenery of the Hindu Kush and Karakoram.

Peter was especially fond of palms; it seemed that he knew virtually every species of palm in David L. Jones's *Palms throughout the World*. He was diagnosed with liver cancer in November 2010 but chemotherapy proved ineffectual. His fade out extended painfully over nearly four months. He died on 8 March 2011 with his daughters Alexandra and Elisa at his side. Peter loved his daughters and grandchildren. He and wife Lyn were superbly devoted to each other. Symbolically, three small gifts were placed beside his rosewood coffin, one by each of Peter's three grandchildren: a packet of Tim-Tams (chocolate-wafer biscuits), a packet of chocolate-mint biscuits, and a Diet Coke, all fundamental items in Peter's life.

Peter was dedicated to the right and the good; he was able to make everyone laugh at gentle jokes, usually on himself. He was courteous and generous to a fault—it required, for instance, very subtle tactics to beat him to paying restaurant bills... Peter was always kind, constant, and considerate and correct—in short, he was utterly *simpatico*.

John A. Talent Macquarie University

Graeme Maxwell Philip
(1933-2009)

Graeme Philip, who initially had worked on SE Australian Early Devonian macrofaunas, authored or co-authored 20 papers on conodonts in the period 1965-1975, mostly on the taxonomy of Australian Early Devonian conodont faunas and correlations indicated by them. Of special importance were three papers in the early 1970s coauthored with Gilbert Klapper, two of which (1971, 1972) concerned multielement taxo-



Graeme Philip was proud of his dexterity with his beloved abacus. He could make calculations faster than colleagues with electronic calculators (photo courtesy of Robyn Stutchbury)

my; they were pioneering works at the root of the multielement revolution in conodont taxonomy and classification. All were generated during his rapid rise from lecturer to professor at the University of New England. In 1972, he became Professor and Head of the Geology Department at Sydney University.

By then he had become a household name in the Australian palaeontological community, but the pressures of administration tended to divert him away from conodont studies into other directions including applications of statistics, notably to modelling coal basins, computing ore reserves, and to a passion of his, the game of cricket and its most prominent exponent, Sir Donald Bradman.

He published a book on the last of these (2004, *Peripatus*). In 1992 he took early retirement from the university and launched into a new career in the business world.

Graeme's name could strike terror into the cardiac area of many who came in contact with him; he could project yacht-club airs; he could be whip-smart; he tried to be outrageous and, perhaps too often, succeeded. But it was largely a pose. Graeme had enormous energy and through it and his tenacity (maintained to the end: he died of cancer) he achieved much.

The Australian earth-science community has become much less colourful with his passing.

John A. Talent Macquarie University

Otto Heinrich Walliser
(1928-2010)



Otto Heinrich Walliser unexpectedly passed away in Goettingen on December, 30th 2010. This was only two weeks after he had accepted the plan of the German SDS (Subcommission on Devonian Stratigraphy) to include in their programme for their annual meeting in May 2011 for the Pander Society to present him the Pander Society Medal for his lifetime of outstanding conodont research. This ceremony had to take place post-mortem in the lecture hall of the former Geological Institute (now belonging to the Geography Department; the Geology Department was closed years ago by the government) in Marburg on May 7th 2011. After talks mainly on conodonts during the Pander Society Meeting, the Pander Society Medal was delivered by the Chief Panderer, Maria Cristina Perri, to Otto Walliser's son, Thomas.

Otto was born in Krettenbach near Crailsheim in south Germany on March 3rd 1928. He studied Geology and Palaeontology at Tuebingen University under the internationally well-known Prof. O.H. Schindewolf. In July 1954 he graduated at Tuebingen University after he had accepted an assistantship at the University of Marburg under Prof. C.W. Kockel in April 1954.

The latter tried to stimulate research on conodonts in this small institute; before then they had been a scarcely noticed group of microfossils of unknown systematic position but of biostratigraphical potential. At that time, with Guenter Bischoff and Willi Ziegler studying Devonian and Lower Carboniferous conodonts of the Rhenish Schiefergebirge, several students tried to find conodonts not only in limestones but also in shales of unknown age. Otto's interest changed from Jurassic ammonoids to Devonian goniatites in order to better understand Devonian stratigraphy. In addition to this, he began to study Silurian conodonts, their systematics and correlative values in detailed biostratigraphy. In his famous publication 'Conodonten des Silurs' (Abhandlungen des Hessischen Landesamtes für Bodenforschung, 41, 1964) he reconstructed for the first time conodont apparatuses theoretically by means of statistical methods. As Mike Murphy stated in a recent letter: "This work was the model for how conodont research should be done and still is the model".

In 1965 he became Professor of Historical Geology and Palaeontology at Goettingen University and up to his retirement in 1993 he stimulated more than 50 diploma theses and initiated 25 doctoral theses. Otto was one of the first members of the International Subcommission on Silurian Stratigraphy and of the International as well as the German Subcommission on Devonian Stratigraphy. For many years he submitted handouts and documents to stimulate discussions on stratigraphic boundaries and international correlations of Silurian and Devonian sequences. His main interest was to minimise the difference between 'natural boundaries' preferably visible in the field and 'Commission boundaries' using intensive laboratory work.

Otto was very interested in biostratigraphy and bio-events and therefore initiated and coordinated ICGP 216: 'Global Biological Events in Earth History'; it was a very successful international programme. The results were published in two volumes (edited by KAUFFMAN & WALLISER, 1990, and WALLISER, 1996).

The list of Otto's more than 120 publications demonstrates the range of his interests. It comprises papers on a range of themes besides palaeontology, evolution and stratigraphy; it includes ecology, facies, sedimentology, palaeogeography, climate and global events not only in the past but also in the present time and what they might be like in the future.

Otto was a highly admired and honoured scientist. Since 1982 he was a member of the 'Akademie der Wissenschaften zu Göttingen', in 1989 he became a foreign member of the 'Russian Academy of Sciences', and a foreign member of the 'Polish Academy of Sciences' 1993 in Krakow and 1994 in Warsaw.

A tribute to the broad interests and extensive knowledge of Otto can be seen in the list of taxa named after him, e.g. the conodonts *Lonchodina walliseri* ZIEGLER, 1960, *Ancyrognathus walliseri* WITTEKINDT, 1965, *Walliserodus* SERPAGLI, 1967, *Kockella walliseri* (HELFRICH, 1975), *Icriodus arkonensis walliserianus* WEDDIGE, 1988 and the scolecodont *Xanioprion walliseri* KILAN-JAWOROWSKA, 1966, the Cambrian *Rhombocorniculum walliseri* MAMBETOV, 1977, the Early Carboniferous *Pentaphylum walliseri* WEYER, 1993, the Early Devonian *Hysterolites ? walliseri* JAHNKE & SLUPIK, 1993, the Middle

Devonian *Lanicula walliseri* LANGENSTRASSEN, 1993, the Early Devonian ostracod *Nezamyslia walliseri* GROOS-UFFENORDE, 1993 and the Devonian trilobite genus *Walliserops* MORZADEC, 2001.

Many colleagues will miss the fruitful discussions, the extensive and broad knowledge, the critical but balanced advice and unselfish help of a modest colleague and friend.

Helga Groos-Uffenorde, Göttingen University, and Eberhard Schindler, Senckenberg Forschungsinstitut und Naturmuseum, Frankfurt

Pander Society Gold Medal awarded to the late Prof. Dr Otto Walliser, presented to his son Thomas Walliser, 7th May 2011 at Marburg (Germany)

This event was organised in combination with the annual meeting of the German Devonian and Carboniferous Subcommissions. It was excellent and well organised, and took place in a highly appropriate atmosphere, like a family meeting in which all participants felt involved and were deeply moved. The meeting started with an absorbing presentation of a series of old to recent photos taken by Dr Helga Groos-Uffenorde—assistant of Otto Walliser for more than 40 years. It was followed by Eberhard Schindler detailing the importance of Otto's scientific work.

I was honoured to deliver the Pander Society Medal to Otto's son Thomas. Also present was a grandchild of Otto (son of Otto's other son) who is presently undertaking the first level of a geology degree at the University of Göttingen. He is interested in palaeontology and is thus following in his grandfather's footsteps. He is studying rudist bivalves. I would like to have delivered the gold medal to Otto personally, but was happy to know that Eberhard Schindler met him two weeks before he passed away and informed him about the award. Otto was agreeably surprised!

An illuminating excursion with a friendly group of colleagues through the Devonian and Early Carboniferous around Marburg was presented; it was organised by Hans-Georg Herbig, Peter Bender, Ulrich Jansen and Eberhard Schindler. I was particularly interested in visiting and sampling the famous Steinbruch Benner section spanning the Frasnian–Famennian boundary and being shown the Upper Kellwasser black shales, a most interesting interval not developed in the Late Devonian of the Carnic Alps.

Maria Cristina Perri



A. The Pander Society gold medal being presented to Thomas Walliser on behalf of his father, the recently deceased conodont worker of renown and long-time friend of numerous conodont workers, Otto Walliser, by Chief Panderer Maria Cristina Perri at the meeting dedicated to Otto in Marburg (7 May 2011).

B. Eberhard Schindler (right) presents a bouquet of flowers to Otto Walliser's son, Thomas, for transmission to Otto's wife, Edith Walliser, on the occasion of the ceremony in Marburg (7 May 2011) for presenting the Pander Society gold medal awarded to his late father Otto. Otto was Eberhard's postgraduate supervisor.

The Pander Society Medal & the Hinde Medal for Young Conodont Researchers

I continue to draw your attention to generating new nominations of members deserving our awards. Please forward your nominations for the Pander Society Medal and the Hinde Medal for young conodont

researchers to any of the three members of the Pander Society Medals Committee consisting of (chair) John Repetski jrepetski@usgs.gov, Susana Garcia Lopez sgarcia@geol.uniovi.es, and Cheng-yuan Wang cywang@nigpas.ac.cn. The committee urges Society members to consider possible worthy candidates, and to formulate and submit nominations for deserving colleagues. Nominations can be submitted at any time.

Thank you

The Pander Society is always deeply grateful to the University of Leicester for permitting the Newsletter to be distributed from their webserver.

Becoming a Part of Con-nexus

Con-nexus is a free e-mail forum for the rapid exchange of ideas and information concerning conodonts and conodont research. **To subscribe**, go to <http://lists.le.ac.uk/mailman/listinfo/con-nexus> and enter your details. **To post a message** to all other members of con-nexus (only subscribers can post), address it to: con-nexus@lists.le.ac.uk. **To unsubscribe** go to the following webpage and enter your details: <http://lists.le.ac.uk/mailman/listinfo/con-nexus>. This page also contains other useful information, such as how to access archives, and change your subscription information and settings.

Please note: anything communicated in an email to Con-nexus is instantaneously communicated to **all** members world-wide; this also applies to any Con-nexus messages that you click 'reply' to, even if you intend to reply only to the sender. **In other words:** use it with caution. **Also, please note that** if you wish to continue to be a part of Con-nexus, then **You** must/should update or change your e-mail using the system above, i.e. your webmaster, or your editors, can't and won't.

Collaboration requested!

My task of producing the best possible Newsletter is facilitated by all those who 1) **swiftly return** to me the Pander Society Newsletter Report giving updated e-mail and contact information, even though you may have done very little or nothing on conodonts during the year; 2) **check the e-mail addresses of friends** marked by one or two asterisks in the Address and Contact Information. Please let me know any changed e-mail addresses you may be aware of.

I am trying to update the e-mail addresses of Pander Society members. Can any of you provide me with **Addresses and Contact Information** for anyone on the list below? It seems that some or all of them may have changed their e-mail address. I am reluctant to remove them from the mailing list:

Igor S. Barskov (ibarskov@geol.msu.ru)
 Tyler Beatty (tbeatty@ucalgary.ca)
 Camomilia A. Bright (cabright@iastate.edu)
 Galina I. Buryi (gburyi@hotmail.com)
 David Clark (dlclarksr@sbcglobal.net)
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 Xia Feng Sheng (bnj3282298@jlonline.com)
 Ian Stewart (Ian.Stewart@sci.monash.edu.au)
 Jianxin Yao (yaojianxin@cags.ac.cn)

Miscellanea

Of interest for Triassic conodont workers are two volumes of the **Cambridge University Press - Academic and Professional Books**

Permo–Triassic Events in the Eastern Tethys

Stratigraphy Classification and Relations with the Western Tethys

Edited by: Walter C. Sweet, Ohio State University, Yang Zunyi, China University of Geosciences, Wuhan, J. M. Dickins, Bureau of Mineral Resources, Canberra, and Yin Hongfu, China University of Geosciences, Wuhan

Adobe eBook Reader

Series: World and Regional Geology (No. 2)

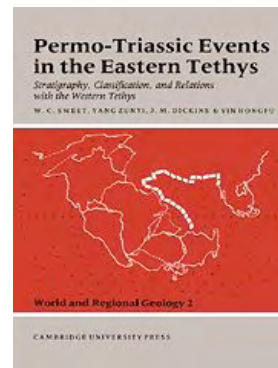
ISBN: 9780511876738

Publication date: March 2011

117 b/w illus. 22 tables

Contribution involving conodonts:

Chapter 10. Conodont sequences in the Upper Permian and Lower Triassic of South China and the nature of conodont faunal changes at the systemic boundary



Late Palaeozoic and Early Mesozoic Circum-Pacific Events and their Global Correlation

Edited by: J. M. Dickins, Australian Geological Survey Organisation, Canberra, Yang Zunyi, China University of Geosciences, Wuhan, Yin Hongfu, China University of Geosciences, Wuhan, S. G. Lucas, New Mexico Museum of Natural History and S. K. Acharyya, Geological Survey of India

ISBN: 9780511886355

Cambridge University Press

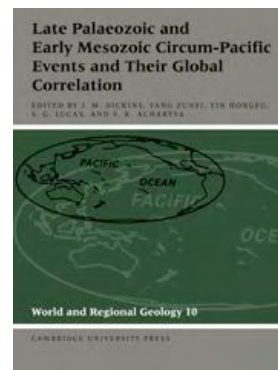
Publication date: April 2011

104 b/w illus. 10 tables

Contributions involving conodonts:

Chapter 18. Transgressive conodont faunas of the early Triassic: an opportunity for correlation in the Tethys and the circum-Pacific Rachel K. Paull and Richard A. Paull

Chapter 21. Evolution of the platform elements of the conodont genus *Metapolygnathus* and their distribution in the Upper Triassic of Sikhote-Alin Galina I. Buryi



Pander Society Meeting Reports

March 20–22, 2011 Northeastern (46th Annual) and North-Central (45th Annual) Joint Meeting, Pittsburgh, Pennsylvania

The *North American 2011 Pander Society Meeting and Banquet* was held in Pittsburgh, Pennsylvania, in association with the NE-NC Geological Society of America on 20 March 2011 – abstracts are available from the Geological Society of America web page; authors and titles are below. The session had a broad and international flavor, with talks on Ordovician, Silurian, Devonian and Carboniferous conodonts from North America, Baltoscandia, Mongolia and Turkey.

CONODONT BIOSTRATIGRAPHY AND SR-ISOTOPE STRATIGRAPHY ACROSS THE KNOX/BEEKMANTOWN UNCONFORMITY IN THE CENTRAL APPALACHIANS: LESLIE, Stephen A., SALTZMAN, Matthew R., REPETSKI, John E., BERGSTRÖM, Stig M., SEWARD, Allison M., BANCROFT, Alyssa M., HOWARD, Amanda, and BLESSING, Richard R.

A COMPOSITE TAXON RANGE CHART AND CONODONT BIODIVERSITY DYNAMICS FROM THE ORDOVICIAN OF BALTOSCANDIA: GOLDMAN, Daniel, BERGSTROM, Stig M., SHEETS, H. David, and PANTLE, Carolyn.

RECOGNITION OF THE MULDE EVENT AND MULDE POSITIVE CARBON ISOTOPE ($\delta^{13}\text{C}_{\text{carb}}$) EXCURSION (LATE WENLOCK; SILURIAN) IN THE NORTH AMERICAN MIDCONTINENT BASINS AND ARCHES REGION OF SOUTHERN LAURENTIA (INDIANA, OHIO, ONTARIO): KLEFFNER, Mark A., BARRICK, James E., and KARLSSON, Haraldur R.

CONODONTS FROM THE TSAGAANHAALGA FORMATION (EMSIAN?-EIFELIAN) AND THE TENTACULITE MEMBER OF THE GOVIALTAI FORMATION (EIFELIAN-GIVETIAN), TSAKHIR WELL SECTION, GOVI ALTAI TERRANE, SOUTHERN MONGOLIA: OVER, D. Jeffrey, SULLIVAN, Nicholas, PETEYA, Jennifer, MINJIN, Chuluun, MYROW, Paul, and SOJA, Constance M.

THE MID-CARBONIFEROUS BOUNDARY IN CENTRAL TAURIDES (TURKEY): CONODONTS, FORAMINIFERS AND SEQUENCE STRATIGRAPHY: ATAKUL-ÖZDEMİR, Ayse, ALTINER, Demir, and ÖZKAN-ALTINER.

CONODONT-BASED CORRELATION OF LOWER CONEMAUGH MARINE UNITS (LATE PENNSYLVANIAN) IN NORTHERN APPALACHIAN BASIN: HECKEL, Philip H., BARRICK, James E., and ROSSCOE, Steven J.

There were numerous other conodont workers at the conference, as well as friends of conodont work, and several additional papers that also included conodont studies.

PRELIMINARY ANALYSIS OF CONODONT APATITE OXYGEN ISOTOPE RATIOS THROUGH THE LATE GIVETIAN GLOBAL TAGHANIC BIOCRISIS IN THE NORTHERN APPALACHIAN BASIN: ZAMBITO, James J. IV, JOACHIMSKI, Michael, BAIRD, Gordon, BRETT, Carlton, DAVIS, William E. Jr., and OVER, D. Jeffrey.

A STRATIGRAPHIC STUDY OF BENTHIC PALEOECOLOGY FROM THE FRASNIAN/FAMENNIAN TRANSITION (LATE DEVONIAN) IN NEW YORK: BUSH, Andrew M., DIRENZO, Graziella V., CHRISTIE, Max, and TUIE, Michael L.

THE UPPERMOST FAMENNIAN HANGENBERG EXCURSION IN NORTH AMERICA AND THE SEARCH FOR THE BASE OF THE CARBONIFEROUS SYSTEM: CRAMER, Bradley D., DAY, James E., SALTZMAN, Matthew R., and WITZKE, Brian J.

END-DEVONIAN SUCCESSIONS IN NORTHWEST PENNSYLVANIA AND NORTHERN OHIO COMPARED: REVIEW OF POTENTIAL UNIT RELATIONSHIPS TO THE HANGENBERG BIOEVENT: BAIRD, Gordon C., OVER, D.J., HANNIBAL, Joseph T., CARR, Robert K., MCKENZIE, Scott C., and RALPH, Matthew J.

MIDDLE DEVONIAN CONODONT BIOSTRATIGRAPHY AND STABLE OXYGEN ISOTOPES AROUND THE EIFELIAN-GIVETIAN BOUNDARY OF THE COL DES TRIBES SECTION (MONTAGNE NOIRE, FRANCE): GOUWY, Sofie A. and MACLEOD, Kenneth G.

The banquet was held in Max's Allegheny Tavern on the Northside in the "Deushtown" section of Allegheny – a pleasant walk from the conference center. Ray Ethington, as a former Chief Panderer, was the honorary master of ceremonies.

Respectfully submitted,
Jeff Over, Geneseo, NY

Past Meetings

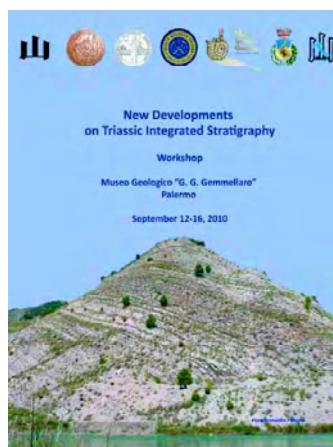
September 12-16, 2010 New Developments on Triassic Integrated Stratigraphy

An official STS meeting for presenting new data and for discussing a wide range of Triassic topics as well as an opportunity to visit some of the best Triassic successions of western Sicily was at the Geological Museum "G.G. Gemellaro" in Palermo (Italy). The Organizing Committee was chaired by Marco Balini (STS Chair).

The workshop was dedicated to the late Giovanni Viel—a member of Bologna's geological school—one of the young participants in the "Renaissance" of investigations on the Triassic of the Southern Alps in the 1970s, as his friend Enzo Farabegoli defined him during the commemorative talk.

Two days of scientific session were followed by two days of field excursions on the Carnian to

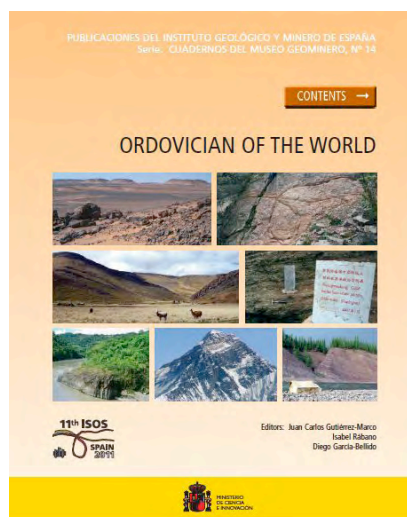
Lower Jurassic successions from the Panormide Platform and Imerese Basin (Palermo Mountains). The second day was spent visiting the Carnian to Rhaetian succession of the Sicilian Basin at Pizzo Mondello, one of the most continuous, well preserved, easily accessible Upper Triassic pelagic-hemipelagic successions in the Tethyan Realm. It is a GSSP candidate section for the Norian boundary and is rich of conodonts.



Marco Balini (left) and Chris McRoberts, respectively Chairman and Secretary of the Subcommittee on Triassic Stratigraphy during the opening ceremony (12 September 2010) of the Workshop on New Developments on Triassic Integrated Stratigraphy held in Palermo.

The Excursion Field Guide and Abstracts Volume, including precious information on conodonts, was published in Albertiana issue 39. You can download it through the Subcommittee on Triassic Stratigraphy website: <http://paleo.cortland.edu/sts/>

May 9–13, 2011 11th International Symposium on the Ordovician System, Alcalá de Henares (Madrid), Spain with field trip in Portugal and Spain



The successful and well organised symposium had a three days (9–11 May) scientific session, a mid-Symposium field trip on the Ordovician stratigraphy and palaeontology of the Ciudad Real province (12–13 May) and two field trips in Portugal and Spain. The Pre-Symposium field trip (3–8 May) was on the Ordovician of Portugal, the Post-Symposium field trip (14–16 May) on the Ordovician of the Iberian Range (NE Spain).

The refereed proceedings volume, *Ordovician of the World*, edited by Juan Carlos Gutiérrez-Marco, Diego García-Bellido and Isabel Rábano published in the monographic series of the Geological Survey of Spain (Cuadernos del Museo Geominero), was distributed at the conference in the registration package.

All the papers accepted by the scientific committee and published in the Symposium Volume, are freely accessible through the Geological Survey of Spain's web page

General and detailed information on the symposium and the volume *Ordovician of the World* are provided on the website: <http://www.igme.es/isos11>

The following papers involving conodonts were presented at the 11th International Symposium on the Ordovician System and are included in the Symposium Volume, *Ordovician in the World*.

A SIXTH DECADE OF THE ORDOVICIAN PERIOD: STATUS OF THE RESEARCH
INFRASTRUCTURE OF A GEOLOGICAL SYSTEM

D. A.T. Harper

REWORKED CONODONTS IN THE UPPER ORDOVICIAN SANTA GERTRUDIS FORMATION
(SALTA, ARGENTINA)

J. Carlorosi, S. Heredia, G.N. Sarmiento and M.C. Moya

GSSP BOUNDARY INTERVALS ARE CRITICAL FOR CHARACTERIZATION AND
CORRELATION OF CHRONOHORIZONS THAT DEFINE GLOBAL STAGES, SERIES, AND
SYSTEMS

S.C. Finney

A CONOP9 COMPOSITE-TAXON RANGE-CHART FOR ORDOVICIAN CONODONTS FROM
BALTOSCANDIA: A FRAMEWORK FOR BIODIVERSITY ANALYSES

D. Goldman, S.M. Bergström, H.D. Sheets and C. Pantle

ORDOVICIAN ON THE ROOF OF THE WORLD: MACRO- AND MICROFAUNAS FROM
TROPICAL CARBONATES IN TIBET

D. A.T. Harper, R. Zhan, L. Stemmerik, J. Liu, S.K. Donovan and S. Stouge

MIDDLE DARRIWILIAN CONODONT BIOSTRATIGRAPHY IN THE ARGENTINE
PRECORDILLERA

S. Heredia and A. Mestre

CONODONT BIOSTRATIGRAPHY FROM SHALLOW WATER UPPER ORDOVICIAN PLATFORM
ROCKS IN THE SUBSURFACE OF SOUTH TEXAS

S.A. Leslie, J.E. Barrick, J. Mosley and S.M. Bergström

CONODONT BIOSTRATIGRAPHY AND STABLE ISOTOPE STRATIGRAPHY ACROSS THE
ORDOVICIAN KNOX/BEEKMANTOWN UNCONFORMITY IN THE CENTRAL APPALACHIANS

S.A. Leslie, M.R. Saltzman, S.M. Bergström, J.E. Repetski, A. Howard and A.M. Seward

CORRELATION OF LOWER ORDOVICIAN (IBEXIAN) FAUNAS IN NORTHEASTERN
GREENLAND AND WESTERN NEWFOUNDLAND – NEW TRILOBITE AND
LITHOSTRATIGRAPHIC DATA

L.M.E. McCobb, W.D. Boyce and I. Knight

NEW DATA ON UPPER ORDOVICIAN RADIOLARIANS FROM THE GORNY ALTAI (SW
SIBERIA, RUSSIA)

O.T. Obut and A.M. Semenova

RECENT DISCOVERIES AND A REVIEW OF THE ORDOVICIAN FAUNAS OF NEW ZEALAND

I.G. Percival, R.A. Cooper, Y.Y. Zhen, J.E. Simes and A.J. Wright

AN UNUSUAL MID-ORDOVICIAN ISLAND ENVIRONMENT ON THE WESTERN EDGE OF
BALTICA: NEW PALAEOECOLOGICAL AND PALAEOBIOGEOGRAPHICAL DATA FROM
HARDANGERVIDDA, SOUTHERN NORWAY

J.A. Rasmussen, A.T. Nielsen and D.A.T. Harper

A BRIEF SUMMARY OF ORDOVICIAN CONODONT FAUNAS FROM THE IBERIAN PENINSULA

G.N. Sarmiento, J.C. Gutiérrez-Marco, R. Rodríguez-Cañero, A. Martín Algarra and P. Navas-Parejo

THE LATE ORDOVICIAN GLACIAL EVENT IN THE CARNIC ALPS (AUSTRIA)

H.P. Schönlaub, A. Ferretti, L. Gaggero, E. Hammarlund, D.A.T. Harper, K. Histon, H. Priewalder, C. Spötl and P. Štorch

TRACES OF THE GLOBAL AND REGIONAL SEDIMENTARY EVENTS IN EARLY ORDOVICIAN
SECTIONS OF THE GORNY ALTAI (SIBERIA)

N.V. Sennikov, O.T. Obut, E.V. Bukolova and T.Yu. Tolmacheva

CONODONT BIODIVERSITY DYNAMICS FROM THE ORDOVICIAN OF BALTOSCANDIA
H.D. Sheets, D. Goldman, S.M. Bergström and C. Pantle

MIDDLE ORDOVICIAN (DARRIWILIAN) GLOBAL CONODONT ZONATION BASED ON THE
DAWANGOU AND SAERGAN FORMATIONS OF THE WESTERN TARIM REGION, XINJIANG
PROVINCE, CHINA
S. Stouge, P. Du and Z. Zhao

THE BASE OF THE ORDOVICIAN SYSTEM – A HORIZON IN LIMBO
F. Terfelt, G. Bagnoli and S. Stouge

THE LOWER TO MIDDLE ORDOVICIAN CONODONT BIOSTRATIGRAPHY OF NORTHERN
TIAN SHAN (WESTERN PART OF THE KIRGYZ RANGE), KYRGYZSTAN
T.Yu. Tolmacheva, K.E. Degtyarev, L.E. Popov, A.V. Ryazantsev, A.B. Kotov and P.A. Aleksandrov

ORDOVICIAN COSMIC SPHERULES FROM THE CORDILLERA ORIENTAL OF NW ARGENTINA:
PRELIMINARY SEM AND EDX INVESTIGATION
G.G. Voldman, G.L. Albanesi, C.R. Barnes, G. Ortega and M.J. Genge

BIOSTRATIGRAPHY AND PALEOENVIRONMENTS OF THE SANTA ROSITA FORMATION
(LATE FURONGIAN–TREMADOCIAN), CORDILLERA ORIENTAL OF JUJUY, ARGENTINA
F.J. Zeballo, G.L. Albanesi and G. Ortega



Participants at the 11th International Symposium on the Ordovician System in Alcalá de Henares, close to Madrid.

20 July–10 August 2011 International Conference on Biostratigraphy, Paleogeography and Events in the Devonian and Lower Carboniferous, Ufa and Novosibirsk, Russia

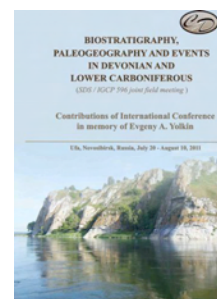
This international conference was held in memory of Evgeny A. ('Zhenya') Yolkin, the first person in the former USSR to plunge into using conodonts for improved stratigraphic alignments in the Devonian of south-western Siberia. The meeting consisted of a three-day scientific session (27–29 July), preceded by a field trip to the South Urals (21–25 July) and followed by a field trip to the Kuznetsk Basin (29 July–9 August). The pre- and post-conference excursions on Middle–Upper Devonian and Lower Carboniferous biostratigraphy of the South Urals and the Kuznetsk Basin were mounted as joint field meetings of the Subcommittee on Devonian Stratigraphy and of the new IGCP 596. Subjects emphasized during the conference and field trips have been:

1. Facies and palaeontology of marine Middle–Upper Devonian and Lower Carboniferous
2. Records of global events and cyclicity
3. Interregional and global correlations

The scientific session included several presentations on conodont biostratigraphy, especially with regard to subdivision of the Lochkovian, Pragian, Emsian and Givetian Stages, Frasnian–Famennian boundary interval, conodont biofacies during the Frasnian–Famennian, and the Devonian–Carboniferous boundary interval.

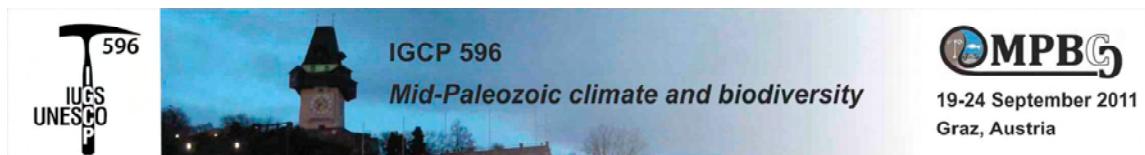


Participants at the International Conference on Biostratigraphy, Paleogeography and Events in the Devonian and Lower Carboniferous in Novosibirsk.



Upcoming Meetings

19-24 September, 2011 IGCP 596 Climate change and biodiversity patterns in the Mid-Paleozoic (Early Devonian to Late Carboniferous), *Opening Meeting* in Graz, Austria



IGCP 596 (2011–2015) The Mid-Paleozoic conforms to a time interval of dynamic long-term climate change, which was accompanied by substantial variations in biodiversity. Within the framework of this project we intend to increase and refine the documentation of biodiversity mainly in tropical realms during Early Devonian–Early Carboniferous times and identify links to climate change. Groups distinctive for different ecosystems, especially indicating terrestrial, neritic and pelagic marine environments, are land plants, phytoplankton, foraminifers, sponges, corals, arthropods, cephalopods, echinoderms, brachiopods,

bryozoans, conodonts and fishes. In addition to general diversity patterns of different fossil groups, we will study three distinctive intervals in detail, which should document biodiversity and the intensity of evolutionary-pressure during (1) greenhouse (Givetian), (2) beginning climate change (Early-Middle Frasnian; e.g. *punctata*-Zone) and (3) icehouse conditions (Late Famennian–Tournaisian).

The rapid rise of land plants during the Middle Devonian was coupled with strongly decreasing atmospheric CO₂ values from 4000 ppm to nearly present day values of about 350 ppm during the latest Devonian (compare Royer, 2006). This dynamic climate shift was followed by a complete reorganisation of ecosystems with tremendous consequences for marine communities at global scales. The interaction between developments on land, such as the formation of top-soil and its influence on the geochemical composition of marine environments are considered as important factor probably responsible for evolutionary trends in biodiversity. Therefore geochemical analysis of carbon, oxygen and strontium isotopes as well as the total organic content and sulfur of sedimentary rocks will be measured to reconstruct prevailing paleoenvironmental conditions. Additionally, geophysical data related to the magnetic susceptibility and the natural gamma radiation of sediments (in cooperation with IGCP 580) will be used as auxiliary methods for high resolution correlation of biostratigraphic well-documented units belonging to different bathymetric sequences within the tropical belt (Laurussia, Siberia, peri-Gondwana and N-Gondwana).

Results of this project should show whether climate change (e.g. interaction of CO₂ and temperature) from greenhouse conditions during the Early-Middle Devonian to icehouse conditions during the Late Devonian-Early Carboniferous represents a major trigger for variations in biodiversity or if a combination of multiple factors is responsible for such changes.

Related to this study, a network of taxonomic workers will be established, which will help to update the systematics of Mid-Paleozoic terrestrial and marine organisms. These datasets will be made available to the public by using existing e-infrastructures such as the *Paleobiology Database*.

The benefit of this project regards scientific as well as social purposes. On the one hand results of the project might help to understand our present day situation and climate change in future by documentation of Mid-Paleozoic climate change and its effect on biodiversity. On the other hand, our novel combination of global earth system sciences and analytical paleobiology will help to integrate and educate young researchers responsible for the preservation of knowledge in future.

We are pleased to announce the commencement of this project with the 2011 Field Meeting of the International Subcommittee on the Devonian System held in Ufa, Novosibirsk, Russia, 20 July–10 August 2011. Other meetings are planned in Austria (September 19–24, 2011) and a special session will be organized in conjunction with the Conference on Palaeontology and Stratigraphy to be held in Thailand (28 November–2 December 2011 at Nakhon Ratchasima).

As with all other IGCPs a small amount of funds is made available each year to support researchers from developing countries, students and early career researchers attending the project meetings. Furthermore, in the next weeks we will establish a web-site for IGCP 596. send one of us (Peter Königshof) citations of recent publications in order to exchange knowledge and provide a database for scientific community

Thank you in advance for your support of the project.

KÖNIGSHOF, Peter (Germany)
BONCHEVA, Iliana A. (Bulgaria)
TA HOA, Phuong (Vietnam)
WATERS, Johnny A. (USA)

SUTTNER, Thomas J. (Austria)
IZOKH, Nadezhda (Russia)
CHAROENTITIRAT, Thasinee (Thailand)
KIESSLING, Wolfgang (Germany)

First Circular website: <http://erdwissenschaften.uni-graz.at/aktuelles/veranstaltungen/igcp596>
(submitted by Thomas Suttner)

Future Meetings



2012 IGCP 591 *The Early to Middle Paleozoic Revolution Bridging the Gap between the Great Ordovician Biodiversification Event and the Devonian Terrestrial Revolution*

2nd Annual Meeting in Cincinnati, Ohio, USA
The website for this meeting is <http://igcp591.org/>

5-10 August 2012 34th International Geological Congress in Brisbane, Australia



The website for this meeting is www.34igc.org

15–19 July, 2013 3rd International Conodont Symposium, ICOS 2013, Mendoza, Argentina



Guillermo Albanesi, on behalf of the organizing committee, invites all conodont workers to the next ICOS.

It will be held in Mendoza, with a five days (9–13 July) pre-symposium Field trip to the Precordillera, one day (17 June) intra-symposium field trip to San Isidro (Mendoza) and a five-day (21–25 July) post-symposium field trip to the Eastern Cordillera.

The website for this meeting is www.efn.uncor.edu/3icos

(submitted by Guillermo Albanesi)

Research interests by category

Cambrian Albanesi; Bader; Bagnoli; Barnes; Dong; Isozaki; Miller; Nowlan; Reptski; Stouge; Szaniawski; Zhang Huaqiao

Ordovician Albanesi; Aldridge; Bagnoli; Barnes; Bauer; Bergstrom; Dong; Ethington; Ferretti; Furey-Greig; Gouwy; Kozur; Leatham; Löfgren; Männik; McCracken; Miller; Nowlan; Percival; Poole; Reptski; Sandberg; Sarmiento; Savage; Simpson; Stouge; Suttner; Sweet; Tarabukin; Viira; Wheelley; Wickström; Zhang Shunxin; Zhen

Silurian Albanesi; Aldridge; Bader; Bardashev; Barnes; Bergstrom; Boncheva; Corradini; Corrigan; Furey-Greig; Hisayoshi; Kleffner; Leatham; Männik; Mathieson; Mawson; McCracken; Meço; Murphy; Nowlan; Over; Percival; Poole; Sanz-Lopez; Savage; Simpson; Slavik; Talent; Tarabukin; Valenzuela Ríos; Viira; Wheelley; Wickström; Zhang Shunxin

S/D boundary Boncheva; Bultynck; Corradini; Corrigan; Furey-Greig; Kleffner; Luppold; Mathieson; Mawson; Murphy; Over; Poole; Sanz-Lopez; Savage; Simpson; Suttner; Szaniawski; Talent; Tarabukin; Valenzuela Ríos

Devonian Artyushkova; Bardashev; Bardasheva; Belka; Bender; Boncheva; Bultynck; Corradini; Dopieralska; Furey-Greig; Gatovsky; Gholamalian; Gouwy; Hisayoshi; Johnston; Kirchgasser; Kirilishina; Klapper; Kononova; Kozur; Leatham; Liao; Luppold; Mathieson; Matyja; Mawson; McCracken; Meço; Murphy; Narkiewicz; Nazarova; Over; Perri; Piecha; Pondrelli; Poole; Randon; Reptski; Sandberg; Sanz-Lopez; Savage; Simpson; Slavík; Sloan; Spalletta; Suttner; Talent; Tarabukin; Uyeno; Valenzuela Ríos; Wankiewicz; Woroncowa; Zhuravlev

Frasnian–Famennian boundary Artyushkova; Bardashev; Boncheva; Bultynck; Corradini; Gatovsky; Gholamalian; Johnston; Kirilishina; Klapper; Kononova; Kozur; Mathieson; Matyja; Mawson; Narkiewicz; Nazarova; Over; Perri; Piecha; Randon; Sandberg; Sanz-Lopez; Savage; Sloan; Spalletta; Talent; Valenzuela Ríos; Wankiewicz; Woroncowa

D/C boundary Bardashev; Bardasheva; Blanco-Ferrera; Boncheva; Corradini; Gatovsky; Johnston; Kononova; Kozur; Matyja; Mawson; Over; Perri; Poole; Randon; Sandberg; Sanz-Lopez; Savage; Sloan; Spalletta; Talent; Tarabukin; Valenzuela Ríos; Zhuravlev

Carboniferous Bardashev; Bardasheva; Belka; Blanco-Ferrera; Boncheva; Brown; Corradini; Dopieralska; Dusa; Gatovsky; Gholamalian; Hisayoshi; Ishida; Johnston; Kozur; Lambert; Luppold; Matyja; Metcalfe; Nemyrovska; Orchard; Özdemir; Piecha; Poole; Randon; Sandberg; Sanz-Lopez; Savage; Spalletta; Wheelley; Zhuravlev

Mississippian Bender; Blanco-Ferrera; Gholamalian; Johnston; Kozur; Luppold; Matyja; Mawson; Nemyrovska; Orchard; Özdemir; Perri; Poole; Randon; Sandberg; Sanz-Lopez; Sudar; Tarabukin; Zhuravlev

Pennsylvanian Bader; Bender; Blanco-Ferrera; Heckel; Ishida; Kozur; Lambert; Luppold; Méndez; Nemyrovska; Orchard; Özdemir; Poole; Sandberg; Sanz-Lopez; Wardlaw; Zhuravlev

Permian Bardashev; Bardasheva; Goudemand; Hisayoshi; Ishida; Isozaki; Kozur; Lai; Xulong; Lambert; Metcalfe; Orchard; Poole; Sandberg; Shen; Stouge; Wardlaw; Yoshida; Zhuravlev

P/T boundary Aldridge; Goudemand; Isozaki; Kolar; Kozur; Lai Xulong; Metcalfe; Orchard; Perri; Poole; Shen; Sudar; Sweet; Wardlaw

Triassic Goudemand; Hisayoshi; Ishida; Kolar; Kozur; Lai Xulong; Leatham; Luppold; Meço; Metcalfe; Mikami; Narkiewicz; Orchard; Perri; Plasencia; Poole; Rigo; Savage; Shen; Sudar; Wardlaw; Yoshida

Biostratigraphy Albanesi; Aldridge; Artyushkova; Bader; Bagnoli; Bardashev; Bardasheva; Barnes; Bauer; Belka; Bender; Bergstrom; Blanco-Ferrera; Boncheva; Brown; Bultynck; Corradini; Corrigan; Dong; Ethington; Ferretti; Furey-Greig; Gatovsky; Gholamalian; Goudemand; Gouwy; Heckel; Hisayoshi; Ishida; Johnston; Kirchgasser; Kirilishina; Klapper; Kleffner; Kolar; Kononova; Kozur; Lai Xulong; Lambert; Leatham; Liao; Löfgren; Luppold; Männik; Mathieson; Matyja; Mawson; McCracken; Meço; Méndez; Metcalfe; Mikami; Miller; Narkiewicz; Nazarova; Nemyrovska; Nowlan; Orchard; Over; Özdemir; Percival; Perri; Piecha; Plasencia; Poole; Randon; Reptski; Rigo; Sandberg; Sanz-Lopez; Sarmiento; Savage; Shen; Simpson; Slavík; Sloan; Spalletta; Stouge; Sudar; Suttner; Sweet; Talent; Tarabukin; Uyeno; Valenzuela Ríos; Viira; Wankiewicz; Wardlaw; Wickström; Woroncowa; Yoshida; Zhang Shunxin; Zhen; Zhuravlev

Graphic correlation Bardashev; Bardasheva; Boncheva; Gouwy; Johnston; Kirilishina; Klapper; Kleffner; Leatham; Liao; Murphy; Sloan; Stouge; Sweet; Tarabukin; Valenzuela Ríos; Wardlaw

Chronostratigraphy Bagnoli; Barnes; Bauer; Belka; Bergstrom; Bultynck; Ferretti; Kirilishina; Kleffner; Kolar; Kozur; Lai Xulong; Lambert; Leatham; Liao; Männik; Matyja; Metcalfe; Miller; Murphy; Narkiewicz; Nowlan; Orchard; Perri; Poole; Reptski; Rigo; Sandberg; Shen; Spalletta; Stouge; Valenzuela Ríos; Wardlaw

Events Albanesi; Barnes; Bergstrom; Bultynck; Ferretti; Furey-Greig; Gouwy; Isozaki; Johnston; Kirchgasser; Kirilishina; Kleffner; Kolar; Kozur; Lai Xulong; Leatham; Liao; Männik; Mathieson; Matyja; Mawson; Miller; Nemyrovska; Orchard; Over; Perri; Piecha; Pondrelli; Poole; Rigo; Sandberg; Savage; Shen; Simpson; Spalletta; Suttner; Talent; Valenzuela Ríos; Wankiewicz; Wheelley; Woroncowa; Zhen; Zhuravlev

Sequence stratigraphy Bader; Bardashev; Bardasheva; Bergstrom; Furey-Greig; Gouwy; Johnston; Kirilishina; Kleffner; Lambert; Leatham; Liao; Männik; Mathieson; Matyja; Mawson; Miller; Nemyrovska; Over; Özdemir; Pondrelli; Poole; Reptski; Simpson; Tarabukin; Valenzuela Ríos; Wardlaw; Wheelley; Yoshida

Evolution Aldridge; Bardashev; Bardasheva; Barnes; Bauer; Brown; Goudemand; Ishida; Johnston; Kirilishina; Klapper; Kolar; Kozur; Lai Xulong; Löfgren; Männik; Mathieson; Mawson; Murphy; Nazarova; Nemyrovska; Nowlan; Orchard; Plasencia; Poole; Reptski; Savage; Shen; Simpson; Talent; Valenzuela Ríos; Wickström; Zhang Huaqiao; Zhuravlev

Phylogeny Aldridge; Bardashev; Bardasheva; Barnes; Bauer; Bergstrom; Blanco-Ferrera; Brown; Gatovsky; Goudemand; Ishida; Kirilishina; Kleffner; Kononova; Kozur; Lai Xulong; Lambert; Liao; Luppold; Männik; Mawson; Metcalfe; Murphy; Nazarova; Nemyrovska; Nowlan; Orchard; Rigo;

Sandberg; Sanz-Lopez; Savage; Shen; Valenzuela Ríos; Wankiewicz; Wickström; Zhang Huaqiao; Zhuravlev

Statistical analysis Albanesi; Bergstrom; Charpentier; Gholamalian; Goudemand; Kirilishina; Männik; Özdemir; Rigo; Shen; Sloan; Valenzuela Ríos; Zhang Shunxin

Ontogeny Bauer; Blanco-Ferrera; Brown; Goudemand; Ishida; Kirilishina; Kozur; Lai Xulong; Lambert; Männik; Mawson; Nazarova; Nemyrovska; Orchard; Plasencia; Sanz-Lopez; Wickström; Zhuravlev

Histology Dong; Goudemand; Kirilishina; Reptski; Zhang Huaqiao; Zhuravlev

Ultrastructure Ferretti; Goudemand; Kirilishina; Murphy; Reptski

Morphology Bergstrom; Furey-Greig; Goudemand; Ishida; Kirilishina; Kozur; Lai Xulong; Leatham; Löfgren; Männik; Mawson; Murphy; Nazarova; Nemyrovska; Plasencia; Reptski; Simpson; Talent; Zhen; Zhuravlev

Functional morphology Ferretti; Ishida; Johnston; Kirilishina; Kozur; Leatham; Nazarova; Plasencia; Tarabukin; Zhuravlev

Taxonomy Albanesi; Bagnoli; Bardashev; Bardasheva; Barnes; Bauer; Bergstrom; Blanco-Ferrera; Boncheva; Brown; Bultynck; Corradini; Corrigan; Dong; Ethington; Ferretti; Furey-Greig; Gatovsky; Gholamalian; Goudemand; Ishida; Johnston; Kirilishina; Klapper; Kolar; Kononova; Kozur; Lai Xulong; Lambert; Leatham; Liao; Löfgren; Männik; Mathieson; Mawson; Metcalfe; Miller; Murphy; Narkiewicz; Nazarova; Nemyrovska; Nowlan; Orchard; Özdemir; Perri; Plasencia; Reptski; Sandberg; Sanz-Lopez; Savage; Shen; Simpson; Slavík; Spalletta; Stouge; Sudar; Suttner; Talent; Uyeno; Valenzuela Ríos; Wardlaw; Zhang Huaqiao; Zhen

Apparatus reconstruction Albanesi; Aldridge; Barnes; Bauer; Bergstrom; Blanco-Ferrera; Bultynck; Ferretti; Goudemand; Ishida; Johnston; Kirilishina; Klapper; Kozur; Lambert; Murphy; Nemyrovska; Nowlan; Orchard; Özdemir; Perri; Plasencia; Reptski; Sanz-Lopez; Savage; Simpson; Slavík; Stouge; Suttner; Valenzuela Ríos; Wardlaw; Wickström; Zhen; Zhuravlev

Palaeobiology Aldridge; Bergstrom; Brown; Ferretti; Goudemand; Ishida; Johnston; Kirilishina; Kozur; Lai Xulong; Nazarova; Nowlan; Over; Özdemir; Plasencia; Poole; Rigo; Suttner; Szaniawski; Valenzuela Ríos; Wickström; Zhuravlev

Palaeoecology Albanesi; Barnes; Bergstrom; Boncheva; Brown; Bultynck; Ferretti; Furey-Greig; Gatovsky; Gholamalian; Goudemand; Johnston; Kirilishina; Kozur; Lai Xulong; Lambert; Leatham; Liao; Männik; Mathieson; Matyja; Mawson; Méndez; Narkiewicz; Nazarova; Nowlan; Orchard; Percival; Perri; Poole; Reptski; Rigo; Sandberg; Simpson; Spalletta; Talent; Valenzuela Ríos; Wheelley; Zhang Shunxin; Zhen; Zhuravlev

Palaeoclimatology Barnes; Bergstrom; Brown; Ferretti; Gatovsky; Goudemand; Gouwy; Isozaki; Johnston; Kirilishina; Kleffner; Kozur; Lai Xulong; Liao; Männik; Matyja; Metcalfe; Poole; Reptski; Rigo; Savage; Suttner; Valenzuela Ríos; Wheelley

Palaeobiogeography Albanesi; Aldridge; Bagnoli; Bardashev; Bardasheva; Barnes; Bergstrom; Blanco-Ferrera; Boncheva; Brown; Bultynck; Charpentier; Ferretti; Furey-, reig; Gatovsky; Goudemand; Gouwy; Ishida; Isozaki; Johnston; Kirilishina; Kleffner; Kolar; Kozur; Lai Xulong; Lambert; Leatham; Löfgren; Männik; Mathieson; Matyja; Mawson; Metcalfe; Mikami; Narkiewicz; Nemyrovska; Nowlan; Orchard; Percival; Perri; Plasencia; Poole; Reptski; Sandberg; Sanz-Lopez; Savage; Shen; Simpson; Spalletta; Stouge; Talent; Tarabukin; Valenzuela Ríos; Wankiewicz; Zhang Shunxin; Zhen; Zhuravlev

Geochemistry Albanesi; Barnes; Belka; Bergstrom; Brown; Dopieralska; Ferretti; Goudemand; Gouwy; Jones; Kirilishina; Kleffner; Lai Xulong; Männik; Metcalfe; Over; Poole; Rigo; Sandberg; Savage; Shen; Trotter; Valenzuela Ríos; Wheelley

CAI Albanesi; Barnes; Belka; Bergstrom; Blanco-Ferrera; Boncheva; Corrigan; Ferretti; Furey-Greig; Gatovsky; Gholamalian; Ishida; Johnston; Jones; Kirilishina; Kolar; Kozur; Männik; Mathieson; Mawson; Metcalfe; Mikami; Nowlan; Perri; Piecha; Pondrelli; Poole; Reptski; Sandberg; Sanz-Lopez; Simpson; Spalletta; Talent; Tarabukin; Uyeno; Valenzuela Ríos; Wardlaw; Wheelley; Zhang Shunxin; Zhuravlev

Taphonomy Albanesi; Aldridge; Blanco-Ferrera; Ferretti; Goudemand; Johnston; Kirilishina; Leatham; Liao; Sandberg; Sanz-Lopez; Valenzuela Ríos; Wankiewicz; Wheelley; Zhuravlev

Research Activities including Personal or other Items of Interest

Albanesi, Guillermo. Has developed his Guggenheim Fellowship program by visiting Stig Bergström, Chris Barnes, Godfrey Nowlan and Dick Aldridge. He got a new position as professor at the Universidad Nacional de Córdoba, Argentina. He has started a new project on Lower Paleozoic conodont faunas from the Eastern Cordillera and Puna of northwest Argentina, which involves a working team from different universities and a new PhD student associated to the project for the next three years. G. Voldman has

defended a PhD thesis on Ordovician conodont paleothermometry in 2010 and F. Zeballos will defend a PhD thesis on Cambrian-Ordovician conodont biostratigraphy in early 2011 under his supervision. Guillermo is participating together with Gladys Ortega and colleagues from universities in Argentina and other countries in joint projects on diverse topics of historical geology from the Lower Palaeozoic of South America, including conodont biostratigraphy, sequence stratigraphy, events, and paleothermometry. In late 2010 he joined Brad Cramer and co-leaders to submit a new IGCP project proposal as continuation of the previous 410 and 503 projects. He is coordinating the Argentine conodont team to organize the next International Conodont Symposium (ICOS4) in Mendoza, Argentina, July 2013.

Aldridge, Dick. Silurian conodonts from South China (with Wang Cheng-yuan, published in 2010 as a Special Paper in Palaeontology); cladistic study of *Hindeodus/Isarcicella* across the Permian-Triassic boundary (with Jiang Haishui and others, to be published in *Lethaia*, early 2011); Ordovician conodont apparatuses from the Soom Shale, South Africa (continuing, in prep.); cladistic study of Silurian *Ozarkodina* (in prep.); palaeobiogeography of Lower Silurian conodonts (with Alice Kennedy, begun); phylogenetic affinities of conodonts (with several others, ongoing).

Artyushkova, Olga. Continues working with South Urals Devonian conodont faunas preserved in cherts.

Bader, Jeremy D. Currently researching Pennsylvanian biostratigraphy in the Mid-Continent, North Texas and Appalachian Basins.

Bagnoli, Gabriella. Cambrian conodonts of North China, South China, and Sweden; potential GSSP for base of Cambrian stage 10; Cambrian-Ordovician boundary; Ordovician conodonts of Sweden.

Bardashev, Igor. Actively working on Silurian and Devonian stratigraphy and conodonts from Central Asia.

Bardasheva, Nina P. Actively working on and Devonian, Carboniferous and Permian stratigraphy and conodonts from Central Asia.

Barnes, Chris. Work with Shunxin Zhang (Geological Survey of Canada) is relating conodont biostratigraphy, biofacies and biogeography to the pattern of eustasy and tectonism, northern Laurentia, early Paleozoic. A current study involves Late Ordovician conodonts, southern Ontario (with Shunxin Zhang and Glen Tarrant). The geochemistry of conodonts, particularly oxygen isotopes, is in collaboration with Julie Trotter (University of Western Australia). Both Guillermo Albanesi and Gustavo Voldmann (CONICET, Cordoba) each spent two months during 2010 at UVic for conodont research. **Personal or Other Items of Interest:** Awarded the Logan Medal by the Geological Association of Canada and the Brady Medal by The Micropalaeontological Society in 2010.

Bauer, Jeff. Is continuing work on Ordovician conodonts and will be finishing a report on conodonts from the Pruitt Ranch Member of the Oil Creek Formation.

Belka, Zdzislaw. Study on Late Devonian conodont stratigraphy in the eastern Anti-Atlas, Morocco. Other projects include studies on Nd isotope, chemistry of conodont elements in the Variscan Europe and CAI studies in the Devonian of North Africa and Iran.

Bender, Peter. Nothing to report.

Bergstrom, Stig M. Has continued work on a variety of Ordovician and Silurian projects in several parts of the world but especially in China, Sweden, North America, and Argentina. Several of these involve the relations between ^{13}C chemostratigraphy and conodont biostratigraphy. Also involved in paleotemperature studies using ^{18}O in conodont apatite.

Blanco-Ferrera, Silvia. CAI studies in the Cantabrian Mountains (with J. Sanz-Lopez and S. Garcia-Lopez), Mississippian conodonts, particularly *Gnathodus* species (with J. Sanz-Lopez and M.-F. Perret) from Cantabrian Mountains, Pyrenees and Texas; conodont stratigraphic distribution around the Viséan–Serpukhovian, Bashkirian–Moscovian and Moscovian–Kasimovian boundaries in the Cantabrian Mountains. **Personal or Other Items of Interest:** A Field Meeting of the Subcommittee on the Carboniferous Stratigraphy was organized in the Cantabrian Mountains (Northwest Spain), in June 4th-10th 2010. Information about it was included in the last Newsletter on Carboniferous Stratigraphy volume 28.

Boncheva, Iliana. Nothing to report.

Brown, Lewis M. Currently continuing work with Dr. Carl Rexroad on Pennsylvanian sections. A paper on the Bucktown Coal of Indiana and the Provenir of New Mexico is in the final stages and studies on Swope conodonts are progressing.

Bultynck, Pierre. Evolution of conodont faunas during the Kacak Event (upper Eifelian- lower Givetian) from Jebel Mech Irdane (the GSSP for the base of the Givetian), Bou Tchrafine and Jebel Ou Driss in south-eastern Morocco. In collaboration with the late Otto. H. Walliser.

Capkinoglu, Senol. Nothing to report.

Charpentier, Ronald R. Not currently active with conodonts, but still interested!

Corradini, Carlo. Devonian/Carboniferous boundary and taxonomy of main conodont taxa in Late Devonian and Early Carboniferous. Conodont biozonation in the Silurian and Lower Devonian. Silurian, Devonian and Lower Carboniferous conodonts from Sardinia. Silurian to Lower Devonian conodonts from

the Carnic Alps. Lithostratigraphy of the pre-Variscan sequence of the Carnic Alps. Conodont stratigraphy of the Upper Devonian and Lower Carboniferous of Iran.

Corriga, Maria Giovanna. Conodont taxonomy and biostratigraphy across the Silurian/Devonian boundary in Sardinia, the Carnic Alps and Spanish Pyrenees. **Personal or Other Items of Interest:** she defended her PhD thesis titled "Biostratigrafia a conodonti attorno al limite Siluriano-Devoniano in alcune aree del Nord Gondwana" in February 2011 at the University of Cagliari (Italy).

Dong, Xiping. Cambrian through Lower Ordovician conodonts from Hunan, S. China, and Liaoning, Shandong, N. China; histology of protoconodonts, paraconodonts and earliest euconodonts from China.

Dopieralska, Jolanta. Studies on Nd isotope composition of Devonian and Carboniferous conodonts.

Dusar, Michiel. Regional stratigraphy of Devonian to Cretaceous in northern Belgium.

Ethington, Raymond L. Submitted manuscript (with J. E. Repetski and Jim Derby) dealing with Ordovician stratigraphy of the Ozark region of Missouri and northern Arkansas for inclusion in a volume on the Great American Carbonate Bank to be published by American Association of Petroleum Geologists including previously unpublished conodont information. Research continues on the faunas of the *Rossodus manitouensis* Zone in Iowa and Minnesota (with J. E. Repetski) and on pre-St. Peter faunas in western Utah (with Jim Miller et al.).

Ferretti, Annalisa. Research continues to be concentrated on Ordovician conodont faunas from South Europe. Data integrated from multidisciplinary studies in the Carnic Alps by an international team of researchers led by Hans Peter Schönlaub focused on different aspects of lithostratigraphy, biostratigraphy, chemostratigraphy and chronostratigraphy have highlighted further evidence for the Hirnantian Stage. Preliminary results were presented at the ISOS meeting in Madrid. Involved (with Kathleen Histon, Patrick McLaughlin and Carlton Brett) in leading the Symposium "Time-Specific Facies: The Colour and Texture of Biotic Events" at the Third International Palaeontological Congress (IPC3) of London 2010. A Special Issue of Palaeogeography, Palaeoclimatology, Palaeoecology on the same topic will be printed.

Furey-Greig, Has. Had little time for conodont work this year but continues his interest in dating limestone clasts and olistoliths (Ordovician–Devonian) of eastern Australia as well as, following in the footsteps of Olga Artyushkova, hunting for conodonts preserved as moulds in cherts.

Gatovsky, Yury A. Working on Upper Devonian and Lower Carboniferous conodonts from the East Russian Platform, Upper Devonian and Lower Carboniferous conodonts from southern and western Kazakhstan, Urals and southern Timan, and taxonomy, phylogeny and palaeoecology of the Late Famennian (Upper Devonian) Conodont Genus *Alternognathus*.

Gholamalian, Hossein. Continuing work on the Late Devonian as well as Early Carboniferous of Central Iran. Currently working with Drs V. Hairapetian and A. Bahrami on the Givetian–Frasnian boundary of Central Iran. Another project on the Late Devonian of some sections in West of Kerman with Dr. A. Bahrami is under achievement.

Goudemand, Nicolas. Several papers submitted on: Olenekian–Anisian boundary (Early–Middle Triassic), Induan–Olenekian boundary, discovery of fused clusters from South China and 3D reconstruction of *Novispathodus* apparatus (all Early Triassic). Now focusing on Smithian–Spathian boundary (California, China, Tibet, Pakistan). **Personal or Other Items of Interest:** completed PhD (Dec. 2010). Postdoc project starts officially in April 2011 for 1 or 2 years.

Gouwy, Sofie. Currently working on conodont biostratigraphy of the Middle Devonian and stable oxygen isotopes of conodont apatite in the Middle Devonian and Late Ordovician. **Personal or Other Items of Interest:** Last year finished a second PhD in "Earth System Sciences: Environment, resources and cultural heritage" at the University of Modena and Reggio Emilia (Italy) on the topic of "Middle Devonian conodonts of the NW margin of Gondwana" under the guidance of Prof. Dr. A. Ferretti (Università di Modena, Italy) and Prof. Dr. J-I Valenzuela-Ríos (Universitat de València, Spain).

Heckel, Phil. Biostratigraphic studies of Pennsylvanian conodonts continue with colleagues, especially in terms of providing stratigraphic information for conodont occurrences, and resolving correlation problems of marine units and cyclothem; currently working on lower Conemaugh units in Northern Appalachian Basin.

Hisayoshi, Igo. Nothing to report.

Ishida, Keisuke. Working on Triassic, Permian and Carboniferous materials from accretionary zones in Japan and Asia. Work on Carnian–Norian (Triassic) boundary fauna from the Mae Sariang Group (Thailand) that enables reconstruction of the *Metapolygnathus*–*Ancyrogondolella* lineage is continuing with Francis Hirsch. The C/N related fauna from the Panthalassan pelagic succession of the Chichibu Zone (SW Japan) is under analysis with T. Mikami. A Moscovian (Carboniferous) fauna in the Permian Kurosegawa Accretionary Zone (SW Japan) is also being investigated from the viewpoints of phylogeny and paedomorphs.

Isozaki, Yukio. Middle–Upper Permian stratigraphy of mid-oceanic reef complex. Geotectonic evolution of the Japanese Islands.

Jeppsson, Lennart. Continues to work on Silurian conodonts from Gotland, NE Australia and elsewhere. Another paper on the Lau Event (with John Talent and several other co-authors) will be published late this year in the UNESCO/International Year of Planet Earth volume “Earth and Life: Global Biodiversity, Extinction Intervals and Biogeographic Perturbations through Time” edited by John.

Johnston, David. Conodont biostratigraphic service work. Final preparation of manuscript. **Personal or Other Items of Interest:** Continue to work as consultant in Canadian oil and gas industry.

Jones, Gareth Ll. A quiet year with minor micropalaeontological consulting. Problem with getting conodont processing finished through the heavy residue separation at a commercial rate.

Kirchgasser, William. Hoping to finish this year a manuscript with Gilbert Klapper illustrating the key zone-defining conodonts recovered from Frasnian Stage (lower Upper Devonian) in Western New York State and some comparable elements from Iowa and Western Australia. Work continues on dating conodonts and ichthyoliths from lower Genesee Group in relation to the Taghanic Bioevent and the Taghanic Onlap. Work also continues on dating conodont and ichthyolith horizons around the *Naplesites* goniatite bed and pre-Belpre ash bed in the lower West Falls Group in relation to the Rhinestreet Bioevent and Rhinestreet Transgression(s). These projects are collaborations with Gordon Baird (SUNY Fredonia), Carlton Brett (Univ. Cincinnati) and Jeff Over (SUNY Genesee), the latter also with Thomas Becker (Univ. Münster).

Kirilishina, Elena M. Continuing to work on conodonts from Frasnian and Famennian of central regions of the Russian Platform.

Klapper, Gilbert. Research continues on Emsian through Famennian conodont taxonomy and biostratigraphy. Papers are in progress with Bill Kirchgasser on the Frasnian of New York State, and with Stana Berkyová and Michael A. Murphy on late Emsian – early Eifelian taxonomy in Nevada and the Prague Basin. There is also a paper with Stana Berkyová on the taxonomy of *Polygnathus serotinus* and *P. bultyncki* that is almost finished.

Kleffner, Mark A. Actively involved in six projects: (1) a revised conodont-, graptolite-, chitinozoa-, and event-based Gorstian-Lochkovian (Silurian-earliest Devonian) chronostratigraphy (with James Barrick); (2) $\delta^{13}\text{C}$ chemostratigraphy of Ordovician/Silurian boundary strata of the North American Midcontinent (with Stig Bergström); (3) conodont biostratigraphy, oceanic episodes, and $\delta^{13}\text{C}$ chemostratigraphy of Silurian/Devonian boundary strata in New York; (4) Ireviken Event and Ireviken $\delta^{13}\text{C}$ excursion (with Brad Cramer and many others); (5) oceanic episodes, ^{13}C chemostratigraphy, and updated Homerian, Gorstian, and Ludfordian (Silurian) conodont biostratigraphy of the North American Midcontinent Basins and Arches region of southern Laurentia; and (6) Silurian high-resolution stratigraphy on the Cincinnati Arch (with Brad Cramer, Pat McLaughlin, and Carlton Brett).

Kolar-Jurkovšek, Tea. Continues study on Triassic biostratigraphy in the Dinarides, including Permian/Triassic and Triassic/Jurassic intervals.

Kononova, Ljudmila I. Continuing to work on Middle - Late Devonian and Early Carboniferous conodonts.

Kozur, Heinz W. Permian conodonts of Iran, Palaeozoic and Triassic conodonts of Turkey, Triassic conodonts of Hungary and the entire Tethys.

Lai, Xulong. Conodonts biostratigraphy through Early Permian to Late Triassic, especially on the conodont evolution at the Permian- Triassic Boundary and Guadalupian- Lopingian Boundary in South China. **Personal or Other Items of Interest:** Appointed as Vice President of China University of Geosciences (Wuhan) since end of 2009.

Lambert, Lance L. During 2010 continued work related to IUGS task groups on Upper Carboniferous and Permian chronostratigraphy (including paleoecology and paleobiogeography); also paleoclimatology via collaboration with Michael Joachimski.

Leatham, W. Britt. Continuing work on Ordovician-Devonian biostratigraphy of eastern Calif and Nevada.

Liao, Jau-Chyn (Teresa). Main work on Givetian and Frasnian biostratigraphy and chronostratigraphy, comprehending the Eifelian–Givetian and Givetian–Frasnian boundaries. Beginning the study of Devonian Events in the Pyrenees using conodonts as the most precise time-constrain tool. Main studied collections from Spain (Pyrenees, Iberian Chains, Ossa-Morena). Givetian and Frasnian together with Sofie Gouwy. Microfacies analyses and interpretations of Middle-Upper Devonian environment.

Löfgren, Anita. Continuing research on Early and Middle Ordovician conodonts mainly from Sweden.

Luppold, Friedrich Wilhelm. Research activities around the Viséan/Serpukhovian boundary are going on together with D. Korn; manuscript about the Silurian/Devonian boundary in SE-Turkey become to an end; a resampling of some Carboniferous limestones in the Brilon area has got new results and new species together with Joern Brinckmann.

Männik, Peep. Actively working on evolution, taxonomy and palaeoecology of conodonts, conodont-based high-resolution stratigraphy, bioevents and palaeogeography. Also interested in sequence

stratigraphy and evolution of sedimentary basins. In December 2010 a project on “Upper Ordovician–Lower Silurian conodont biostratigraphy in stratigraphic sequences” ended. Final papers of the project are in preparation. Studies will continue under a new 4-year project “Changes in the Telychian–lower Sheinwoodian conodont faunas as a proxy for basin evolution in northern Baltic”. Also participating in the projects “Ordovician–Silurian boundary in the Baltic area” and “Ordovician and Silurian biodiversity in Baltica: evolution and impact of the changing environment”. Additionally, a small project dealing with conodont faunas from base Aeronian and Telychian GSSPs is in progress. Hopefully some results will be ready before the SSS meeting in Ludlow. Joint studies together with colleagues from Estonia, Germany, Russia, Sweden, U.K. and USA on evolution and high-resolution stratigraphy of the Early Palaeozoic faunas and sedimentary basins on different palaeocontinents are going on. In summer 2010, during an expedition organized by the Institute of Geology in Syktyvkar (Russia) to the Chernov Uplift (northern part of the Timan-Pechora region) several excellent Silurian sections were studied and sampled. In cooperation with C. G. Miller (U.K.) and V. Hairapetian (Iran) a paper about Silurian faunas from central Iran is in progress.

Mathieson, David. Continues with aspects of the Pragian (mid-Early Devonian) conodonts of western New South Wales. A monograph on them with Ruth Mawson, Andrew Simpson and John Talent is close to submission.

Matyja, Hanna. During the past year projects on Devonian/Carboniferous in NW Poland and in Tien-Shan continued. A proximal objective of this work is to establish high-resolution biostratigraphy as well as geochemistry using carbon and oxygen isotopes. A longer-term goal is to identify the respective signatures of the global Hangenberg Event. Studies with M. Stempień-Sałek, K. Sobień and K. Małkowski focused on the transition from the uppermost Famennian to the lower Tournaisian within a complete and condensed offshore shale and carbonate succession in Pomerania (NW Poland), using the high-resolution biostratigraphic study, based on miospores and some conodont data, microfacies analysis, magnetic susceptibility and geochemistry. The D/C boundary in the South Tien-Shan, which was earlier a subject of conodont study by M.V. Erina and I. A. Bardashev and others, was re-examined and re-sampled with Thomas Becker during the IGCP 499/Subcommission on Devonian Stratigraphy joint field meeting in Uzbekistan in hope to document the entry of oldest siphonodellids or protognathids, as well as some signatures of the global Hangenberg Event. The conodont study is presently made with Sandra Kaiser (Bonn). One of the surprises was a discovery of the *Siphonodella duplicata* and *Siphonodella sulcata*, as well as other Tournaisian conodont species much below the appointed Devonian/Carboniferous boundary.

Mawson, Ruth. Principal research activities have been connected with preparing a monograph on the conodonts of the Frasnian–Famennian Hongguleleng Group of NW Xinjiang (NW China). A manuscript (with Chen Xiuqin, Nanjing) on the CAI values of the Hongguleleng Group in that region has been submitted. She is presently putting the finishing touches to a monograph (with David Mathieson, Andrew Simpson and John Talent) on the Late Silurian and Early Devonian (Pragian) conodonts of western New South Wales. Other conodont activities have included participation in a paper on the Late Silurian Lau Event (with Lennart Jeppsson et al.) and providing conodont-ages for beautifully preserved Mississippian woods (with Anne-Laure Decombeix et al., recently published) from the Burdekin Basin and Broken River region of NE Queensland.

McCracken, Alexander (Sandy) D. Continues to work on Middle to Upper Ordovician, Silurian and Devonian and conodonts from various locations in Canada.

Meço, Selam. Nothing to report. **Personal or Other Items of Interest:** Retirement.

Méndez, Carlos A. Carboniferous (Pennsylvanian) conodonts from the Cantabrian Mountains (N. Spain) with special interest in Bashkirian–Moscovian and Moscovian–Kasimovian boundaries.

Metcalfe, Ian. Biostratigraphic studies of Permian, Triassic and P-T boundary conodonts from Western Australia, Malaysia, Vietnam and China. Permian–Triassic Timescale calibration studies utilizing CA-IDTIMS U-Pb zircon dating and conodont biostratigraphy. Oxygen-isotope studies of Permian–Triassic conodonts using new SHRIMP techniques (with Bob Nicoll, Ian Williams and Julie Trotter). Application of conodont biogeography to regional (mainly eastern Tethys/Asia-Pacific) and global tectonics. Conodont CAI studies in UK, Malaysia and Australia.

Mikami, Teiji. Mainly studying the conodont biostratigraphy and assemblage in Carnian to Norian with Prof. Ishida, Tokushima University, and the relationship between CAI and quartz recrystallization in bedded chert of SW Japan.

Miller, James F. Working with Ray Ethington and others on conodont biostratigraphy of the Sauk–Tippecanoe Sequence boundary in the Ibex Area, Utah. Working with Ed Landing and others to nominate a GSSP for the base of the highest Cambrian stage at the FAD of the conodont *Eoconodontus notchpeakensis* (Miller) in the Ibex area, Utah. Working with Tom Thompson to tie the Cambrian System of Missouri into a framework of zones based on conodonts, trilobites, brachiopods, and sequence stratigraphy. Continuing research on conodonts from resurge breccias at two asteroid impact structures in Missouri.

Murphy, Michael A. Collaboration with S. Berkyova and G. Klapper on late Emsian and early Eifelian of Roberts Mountains. Collaboration with Peter Carls, Ladislav Slavik, and Nacho Valenzuela on the S/D transition in the Barrandian. Collaboration with A. Pedder on the integration of conodont and coral biostratigraphies of the Emsian of central Nevada. Implementation of a catalog of Lower Cretaceous fossils of California.

Narkiewicz, Katarzyna. Middle and Upper Devonian conodont biostratigraphy in the monograph on the Lublin Basin and Łysogóry-Radom Basin, SE Poland is now completed and it will be submitted soon; biofacies of Middle Devonian conodonts in Radom-Lublin area – paper in preparation; study of the Lower Eifelian conodonts in Zachełmie Quarry (Holy Cross Mts.) is being continued.

Nazarova, Valentina M. Continuing to work on the conodonts from Middle-Upper Devonian and Carboniferous from the Russian Platform. Also interested in the conodont functional morphology.

Nemyrovskaya, Tamara. Study of Carboniferous conodonts in the Donets Basin (Ukraine), in the Catabrian Mountains (Spain) and Algeria.

Nowlan, Godfrey S. Reporting only a moderate level of research. Our conodont lab continues to receive substantial numbers of samples: in 2010 reports completed on Cambrian, Ordovician and Silurian conodonts from Victoria Island, the Sekwi and Little Bear River areas of Northwest Territories, the Coal River area of Yukon, and stratigraphic wells on the shores of Hudson Bay, near Churchill, Manitoba. I have completed a paper with Keith Dewing on the Arctic margin of Laurentia for the Great Carbonate Bank to be published as an AAPG Memoir. Also spent the year working with vertebrate specialists on conodont affinities: two papers were completed, one published. **Personal or Other Items of Interest:** I continue to work mainly in geoscientific outreach, currently focused on winding up the celebration of the International Year of Planet Earth in Canada. I am also involved with a bid by Canada for the 36th International Geological Congress in 2020.

Orchard, Michael. Carnian-Norian Boundary: new taxonomy & biozonation. Middle Triassic *Neogondolella*. Triassic GSSPs. Triassic multielements. Late Paleozoic of Cordilleran terranes.

Over, Jeff. Continued work on Devonian, primarily Middle and Upper Devonian, conodonts in offshore clastic facies, including studies in Mongolia, western, central, and eastern North America. Collaborative work continues on western Canadian Devonian and uppermost Devonian in eastern North America. This spring students started working on morphometrics of *Polygnathus linguiformis* in the Hamilton Group and I continue to collect apparatuses to feed to various modern equivalents of conodont predators.

Özdemir, Ayşe Atakul. Mississippian conodonts and foraminifers of Turkey, conodont and foraminifer taxonomy and biostratigraphy, delineation of Lower Carboniferous stage boundaries, *Lochriea* studies (with M.A. Purnell). **Personal or Other Items of Interest:** PhD student at Middle East Technical University, Turkey; New conodont researcher.

Percival, Ian. Maintaining an active interest in Ordovician conodonts in cherts of the Lachlan Orogen in central and southern New South Wales. Continued collaboration with Yong Yi Zhen (Australian Museum) on Ordovician conodont biostratigraphy of China.

Perret, Marie-France. Nothing to report.

Perri, Maria Cristina. Devonian to Lower Carboniferous and the uppermost Permian–Lower Triassic conodont biostratigraphy. The principal activity of the last year was to submit a paper with Enzo Farabegoli on the P–T boundary that will be published in the UNESCO/International Year of Planet Earth volume “Earth and Life: Global Biodiversity, Extinction Intervals and Biogeographic Perturbations through Time” edited by John Talent. Work on the Frasnian–Famennian boundary interval in the Carnic Alps is in progress in collaboration with several colleagues.

Piecha, Matthias. Working on biostratigraphy of Devonian and Carboniferous conodonts from the Rhenish Massif.

Plasencia-Camps, Pablo. Currently working on Late Permian–Early Triassic conodonts, and their paleobiology and paleobiogeography. Also continuing to work with Middle Triassic conodonts. **Personal or Other Items of Interest:** Moved to the Nanjing Institute of Geology and Palaeontology (NIGPAS) for a postdoctoral stay of two years.

Pondrelli, Monica. Sampling for Pragian to Famennian conodonts in the framework of a project focused to formalize the lithostratigraphic units of the Carnic Alps. Realization of geological maps and measurement of stratigraphic sections in selected area of the Carnic Alps in the framework of the same project.

Poole, Forrest G. (Barney). Actively working on Ordovician–Permian carbonate-shelf stratigraphy and sedimentation in Sonora, Mexico, and Ordovician–Pennsylvanian ocean-basin stratigraphy and sedimentation in Sonora and northern Sinaloa, Mexico, with Ricardo Amaya-Martinez (University of Sonora) and Charles Sandberg (USGS), utilizing conodont ages determined by Sandberg and Anita Harris (USGS). Also, actively working on Devonian and Mississippian stratigraphy and sedimentation in the Antler foreland basin in Nevada, with Charles Sandberg, utilizing conodont zonation and biofacies.

Personal or Other Items of Interest: Scientist Emeritus since 1995.

Randon, Carine. Devonian and Carboniferous conodonts.

Repetski, John. Cambrian and Ordovician conodont biostratigraphy, USA and elsewhere; CAI and systematics; CAI maps of eastern U.S. basins; biostratigraphic support for USGS and other mapping projects, mostly Cambrian to Carboniferous; paleogeographic studies relating North American Lower Paleozoic faunas to those of other paleocontinents; conodont studies of impact structures; also age-dating of faunas and studies of Cambrian and Ordovician phosphatic problematica. **Personal or Other Items of Interest:** Continued service on the Pander and Hinde Medal committee, with Susana Garcia-Lopez and Cheng-yuan Wang. We can report that ex-Chief Panderer Peter von Bitter has satisfactorily concluded the development of the physical medal for the Hinde award – Thanks Peter! The committee considers nominations (and supporting materials) on behalf of worthy candidates for these awards. Please contact any of the committee members with nominations or for guidance.

Rigo, Manuel. His research experience, during the last 9 years, concerned mostly the study of Triassic stratigraphy, especially that involving Triassic conodonts under biostratigraphical and geochemical point of view. He is open to and very interested in all new ideas and research methods and he worked very successfully with teams of Italian and international Triassic stratigraphers. He deals with a broad range of geological research, e.g. precise biostratigraphic dating of radiometric, palaeomagnetic and stable isotope samples from the Lagonegro Basin and from Sicilian palaeogeographic realm in western Sicily. He also characterized the "Carnial Pluvial Event" in basinal facies. He has worked with great success on the biofacies interpretation of Triassic conodonts and his results are very important for establishing the palaeogeographic reconstruction of the Neothetys s.s. Recently he focused his interest in the Norian/Rhaetian and Triassic/Jurassic boundaries, studying the consequences of the CAMP on life and environments.

He is working in micropaleontology and stratigraphy: 1) taxonomic and biostratigraphic studies carried out on conodonts of Late Triassic; 2) geochemical analyses on biogenetic apatite *in situ* (SHRIMP II); 3) paleoclimatology of Triassic and lower Jurassic. **Personal or Other Items of Interest:** Assistant Professor at the University of Padova and Associated at the CNR.

Sandberg, Charles A. (1) Updating outdated taxonomic identifications and adding new collections to computerized D/C Conodont Database, which now contains more than 1350 entries, ranging in age from Ordovician to Permian. (2) Processing and identifying Late Ordovician, Devonian, Mississippian, Pennsylvanian, and Early Permian conodont samples collected by F.G. (Barney) Poole in Sonora and Sinaloa, Mexico. (3) With Barney, collecting and processing conodont samples from chaotic Devonian and Mississippian terrane in southern Fish Creek Range, Nevada; and with Gil Klapper, identifying new and problematic Eifelian conodonts from olistoliths in this area. (4) With Peter Königshof, preparing European and Moroccan slides and residues, collected 1984–1986 in collaboration with the late Willi Ziegler, for return to Forschungsinstitut Senckenberg. **Personal or Other Items of Interest:** Seventeen years past formal retirement and despite the loss in 2010 of my dear wife Dorothy and young associate Jared Morrow, I am still working on conodonts nearly full time in an emeritus capacity.

Sanz-Lopez, Javier. CAI studies in the Cantabrian Mountains (with S. Garcia-Lopez and S. Blanco-Ferrera), Mississippian conodonts, particularly *Gnathodus* species (with S. Blanco-Ferrera and M.-F. Perret) from Cantabrian Mountains, Pyrenees and Texas; conodont stratigraphic distribution around the Viséan–Serpukhovian, Bashkirian–Moscovian and Moscovian–Kasimovian boundaries in the Cantabrian Mountains. **Personal or Other Items of Interest:** A Field Meeting of the Subcommittee on the Carboniferous Stratigraphy was organized in the Cantabrian Mountains (Northwest Spain), in June 4th–10th 2010. Information about it was included in the last Newsletter on Carboniferous Stratigraphy volume 28.

Sarmiento, Graciela. Research on Ordovician conodonts.

Savage, Norman. Late Frasnian–Latest Famennian conodont biostratigraphy, geochemistry and extinction events.

Shen, Shuzhong. Permian conodonts from South China and Iran. Triassic conodonts from Tibet.

Simpson, Andrew. Continues to interleave research on conodonts (principally Silurian) with running the Museum Studies program at Macquarie University. He and Peter Molloy completed a manuscript on conodonts in relation to the Ireviken Event (Llandovery–Wenlock boundary). It and a paper co-authored with Lennart Jeppsson and others on the Lau Event (Late Silurian) will appear in the UNESCO/International Year of Planet Earth volume “Earth and Life: Global Biodiversity, Extinction Intervals and Biogeographic Perturbations through Time” edited by John Talent and published by Springer.

Slavík, Ladislav. Integrated stratigraphy of the late Silurian in the Prague Synform - a long-term project. **Personal or Other Items of Interest:** From the beginning of 2011 head of the Laboratory of Paleobiology and Paleocology at the Institute of Geology AS CR, v.v.i.

Sloan, Terry. Unfortunately no conodont-based research in 2010 or 2011. **Personal or Other Items of Interest:** Currently Associate Head of School (Research and Research Training), School of Management, University of Western Sydney.

Spalletta, Claudia. Late Devonian and Early Carboniferous conodonts mainly from the Carnic Alps, with special regards to the study of the Frasnian–Famennian and Devonian–Carboniferous boundaries. Activity as member of the Task Force on the Devonian/Carboniferous Boundary of the SDS, focusing on taxonomy of conodonts across the boundary. A paper on the upper Famennian-lowermost Carboniferous representatives of the Genus *Protognathus*, co-authored with Carlo Corradini (University of Cagliari) Sandra Kaiser (University of Bonn) and M. Cristina Perri (University of Bologna) was recently published. Collaborating in a project for formal definition of pre-Variscan lithostratigraphic units of the Carnic Alps.

Stouge, Svend. Currently working on Cambro–Ordovician conodonts from Greenland and Svalbard, Ireland, Scandinavia, China, Iran and Newfoundland in collaboration with several colleagues (J.A. Rasmussen, J. Mehlgren, Wu, Rongchang, O. Lehnart, P. Szanawski, G. Sevastopulo and G. Bagnoli). Also busy building a conodont database for reconstruction of Palaeogeography (with P. Smith, J.A. Rasmussen, J. Mehlgren and Wu Rongchang).

Sudar, Milan N. Triassic conodonts and biostratigraphy of Serbia; Mississippian biostratigraphy based on conodonts and ammonoids (with D. Korn, Berlin) from SW Serbia.

Suttner, Thomas J. Conodonts from Lower and Middle Devonian deposits of the Carnic Alps (Austria); conodonts across the Eifelian–Givetian bioevents.

Sweet, Walter C. Nothing to report.

Szaniawski, Hubert. Biology of early conodonts, conodonts across the S/D boundary.

Talent, John A. Spent most of the year editing the UNESCO/International Year of Planet Earth volume “Earth and Life: Global Biodiversity, Extinction Intervals and Biogeographic Perturbations through Time”. It presents, *inter alia*, conodont data for the ‘mother of all extinction events’ (end-Permian) as manifest in the western Palaeo-Tethys (Enzo Farabegoli and M. Cristina Perri), and for three Silurian global extinction intervals: the Ireviken Event in Australia (Peter Molloy and Andrew Simpson), the Ireviken and *lundgreni* events in Arctic Canada (Paula Noble et al.) and the Lau Event, principally on Gotland and in NE Australia (Lennart Jeppsson et al.). It is being published by Springer.

Tarabukin, Vladimir P. Nothing to report.

Trotter, Julie. Continues her stable isotope work on Ordovician–Triassic conodonts from various sequences in, *inter alia*, Canada, Australia, western China and Italy.

Uyeno, Tom. Continuation of biostratigraphy of Middle and Upper Devonian conodonts from Mackenzie Mountains, northern Cordillera, Canada.

Valenzuela Rios, José Ignacio. Main work on Lower Devonian, Givetian and Frasnian biostratigraphy and chronostratigraphy. Beginning the study of events in the Pyrenees with conodonts as the most precise time-constrain tool. Main studied collections from Spain (Pyrenees, Iberian Chains, Ossa-Morena), Nevada, Bohemia and Zinzilban. Begin with palaeobiogeographical studies on Lochkovian, Givetian and Frasnian. Special interest on S/D Boundary; together with Mike Murphy, Peter Carls and Karsten Weddige. Joint Silurian work with Carlo Corradini and Maria Corrigan. Lower Devonian together with Mike Murphy, Peter Carls, Ladislav Slavík, Nadya Izokh and Karsten Weddige. Givetian and Frasnian together with Jau-Chyn (Teresa) Liao and Sofie Gouwy.

Wańkiewicz, Aleksandra. Submission of PhD thesis: “Slope deposits of the Late Devonian carbonate platform, Holy Cross Mountains, Poland”. Hydrodynamic properties of conodont elements and their implications for biostratigraphic zones, biofacies and apparatus reconstruction, sedimentology and its implications for biostratigraphy. **Personal or Other Items of Interest:** 01.2011 - Associate editor, Central European Journal of Geosciences, Springer.

Wardlaw, Bruce R. Carboniferous–Permian of Death Valley, California and Middle Permian of West Texas, USA.

Whealey, James R. Research (funded by the NERC, The Royal Society, and The Palaeontological Association) continues with Paul Smith and colleagues in Ireland into the oxygen, nitrogen and organic carbon isotope records of Ordovician, Silurian and Carboniferous conodonts.

Wickström, Linda M. Not working actively with conodonts at the moment. Most of the time is occupied with CCS related issues (Carbon Capture and Storage), the collections at the Survey and Geotourism/Geoheritage.

Woroncowa-Marcinowska, Tatiana. Middle and Upper Devonian conodont biostratigraphy of the Holy Cross Mts and also on integrating conodont and goniatite biostratigraphy.

Yoshida, Takashi. Research was stopped by the disease of the co-worker, Shingo Hayashi. **Personal or Other Items of Interest:** retirement.

Viira, Viive (Estonia). Presently working on Lower–Middle Ordovician conodonts from SE Estonia. A paper is in press.

Zhang, Huaqiao. Histology on paraconodonts and the earliest euconodonts.

Zhang, Shunxin. Research focused on biostratigraphy and petroleum potential in Hudson Bay and Foxe Basin. Leader of a field trip to Southampton Island in the summer 2010, which included the geologists from

Canada, US and Scotland. She has worked on the Late Ordovician conodont biostratigraphy on Southampton Island and Melville Peninsula, and in southern Ontario; she has also worked on the Late Ordovician conodonts from limestone xenoliths in Slave Craton.

Zhen, Yong Yi. During 2010 main work concerned the Middle-Late Ordovician conodonts from the Dawangou Section of the Tarim Basin, northwestern China. Sampling of conodont samples, supported by a visiting fellowship, from three Ordovician sections in the Zhejiang Province of eastern China during a field trip with colleagues from the Nanjing Institute of Geology and Palaeontology, Chinese Academy of Sciences. From 18 to 31 of July, participation with a number of palaeontologists from the Queensland Museum, Macquarie University, Museum Victoria and Lille of France in a field trip to central and north Queensland. Main objective of this field work was to collect microfossil (conodonts) samples from the Late Ordovician Carriers Well Formation of the Broken River area in the north Queensland and from the Late Ordovician Fork Lagoons Beds of central Queensland.

Zhuravlev, Andrey V. Different aspects of the Devonian–Early Permian conodonts of the NW Russia including the Urals. Main attention is being directed to conodont taphonomy in turbidites, and using sedimentologic models for reconstructing of conodont ecology and taphonomy. Experiments directed towards modeling of the conodont element growth are going on.

Conodont Bibliography

AINSAAR, L., D. KALJO, T. MARTMA, T. MEIDLA, P. MÄNNIK, J. NÕLVAK, AND O. TINN. 2010. Middle and Upper Ordovician carbon isotope chemostratigraphy in Baltoscandia: a correlation standard and clues to environmental history. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 294:189-201.

ALBANESI, G. L. 2010. Una comprensión temporal sobre las relaciones entre la evolución, la tectónica y el cambio climático: Paleobiogeografía de conodontes ordovícicos. X Congreso Argentino de Paleontología y Bioestratigrafía, La Plata, Resúmenes:37.

ALBANESI, G. L., AND S. M. BERGSTRÖM. 2010. Early-Middle Ordovician conodont paleobiogeography with special regard to the geographic origin of the Argentine Precordillera: A multivariate data analysis. *In* S. C. Finney and W. B. N. Berry (eds.), *The Ordovician Earth System*. Geological Society of America. Special Paper 466:119-139.

ALBANESI, G. L., AND G. ORTEGA. 2010. Evolucion del conocimiento de graptolitos y conodontes en la Argentina: una perspectiva bioestratigrafica. II Congreso Argentino de Historia de la Geología, Buenos Aires, Agosto 2010.

ALBANESI, G. L., G. ORTEGA, F. J. ZEBALLO, AND F. E. PACHECO. 2010. The Cambrian-Ordovician boundary in South America: High resolution biostratigraphy, global correlation and paleoenvironments. Third International Palaeontological Congress (IPC3), London, July 2010.

ALBANESI, G. L., AND F. E. PACHECO. 2010. Conodont Biostratigraphy and Paleoenvironments of the Cardonal Formation (Cambrian-Ordovician) from the Cajas Range, Cordillera Oriental, Northwestern Argentina and Paleobiogeographic Interpretation, *GeoCanada*, Calgary. <http://www.geocanada2010.ca/>.

ALJINOVIĆ, D., T. KOLAR-JURKOVŠEK, B. JURKOVŠEK, AND H. HRVATOVIĆ. 2010. Characteristics of some Middle Triassic volcanoclastic rocks in the External Dinarides (Croatia and Bosnia and Herzegovina) = Karakteristike nekih srednjotriaskih vulkanoklastičnih stijena Vanjskih Dinarida (Hrvatska i Bosna i Hercegovina). *V: PETROVIĆ, Marija (ur.). 4. Hrvatski geoloski kongres s međunarodim sudjelovanjem = 4. Croatian geological Congress with international participation, Šibenik 14.-15.10.2010. Knjiga sažetaka. Zagreb: Hrvatsko geološko društvo: = Croatian Geological Society, 2010, Abstract:6-7. [COBISS.SI-ID 1817429].*

ALJINOVIĆ, D., T. KOLAR-JURKOVŠEK, B. JURKOVŠEK, AND H. HRVATOVIĆ. 2010. Conodont dating of the Lower Triassic - Scythian sedimentary rocks in the External Dinarides (Croatia and Bosnia and Herzegovina) = Datiranje konodontima donjotrijaskih - skitskih stijena u Vanjskim Dinaridima (Hrvatska i Bosna i Hercegovina). *V: PETROVIĆ, Marija (ur.). 4. Hrvatski geoloski kongres s međunarodim sudjelovanjem = 4. Croatian geological Congress with international participation, Šibenik 14.-15.10.2010. Knjiga sažetaka. Zagreb: Hrvatsko geološko društvo: = Croatian Geological Society, 2010, Abstract:43. [COBISS.SI-ID 1817685].*

ALJINOVIĆ, D., T. KOLAR-JURKOVŠEK, B. JURKOVŠEK, AND H. HRVATOVIĆ. 2010. Petrographic characteristics of some Middle Triassic volcanic and volcanoclastic rocks in the External Dinarides (Croatia and Bosnia and Herzegovina). *V: CHATZIPETROS, Alexandros (ur.), MELFOS, Vasilios (ur.), MARCHEV, Peter (ur.), LAKOVA, Iskra (ur.), Abstracts volume, Geologica Balcanica. Sofia: Geological Institute, Bulgarian Academy of Sciences, 39(1/2):24-25. [COBISS.SI-ID 1805653].*

- AMAYA-MARTINEZ, R., W. R. PREMO, AND F. G. POOLE. 2010. Depositional setting and source of detrital zircons in the Permian Mina México foredeep in Sonora, Mexico. *Geological Society of America Abstracts with Programs*, 42(5):267.
- ARTYSHKOVA, O. V., AND V. A. MASLOV. 2010. Biostratigraphic correlative levels in the Devonian of the eastern South Urals - the markers of regional events. LVI session of the All-Russia Paleontological Society: The Evolution of the organic world and biotic crises, St Petersburg 2010, Materials:11-13.
- ARTYSHKOVA, O. V., AND V. A. MASLOV. 2010. The problem of the transitional units in the Devonian of West-Magnitogorsk Zone. The VIII Interregional Scientific and Practical Conference: Geology, Mineral Resources and Geo-ecology problems of Bashkortostan, the Urals and adjacent territories, Ufa 2010, Materials:27-29.
- ARTYUSHKOVA, O. V., AND V. A. MASLOV. 2010. Conodonts imprints from volcanogenic-siliceous deposits an impotent paleontological base for biostratigraphical subdivisions in folded areas. Third International Palaeontological Congress (IPC3), London 2010, Abstracts:75.
- AUL, J. L., C. W. STOCK, J. R. MORROW, AND C. A. SANDBERG. 2010. Provenance and implications of stromatoporoids redeposited in Upper Devonian Alamo Impact Breccia, SE Nevada. *Geological Society of America Abstracts with Programs*, 42(5):173.
- BAGNOLI, G., AND Y.-P. QI. 2011. Conodonts from the proposed GSSP for the base of Cambrian Stage 9 at Duibian, Zhejiang, South China: A revision. *Palaeoworld*, 20:8-14.
- BAGNOLI, G., AND S. STOUGE. 2011. Late Cambrian paraconodonts and euconodonts from Öland, Sweden. In J. S. Hollingsworth, F. A. Sundberg, and J. R. Foster (eds.), *Cambrian Stratigraphy and Paleontology of Northern Arizona and southern Nevada*. Museum of Northern Arizona Bulletin, 67:276-277, Abstracts.
- BARDASHEV, I. A., AND N. P. BARDASHEVA. 2009. Turkparida type of Devonian sections of the Zeravshan-Hissar structure-faciale zone. *Proceedings of the Institut of Geology*, 8:42-55. Donish, Dushanbe. (in Russian).
- BARDASHEV, I. A., N. P. BARDASHEVA, AND A. A. SABIROV. 2010. On Buzinova (Novchomok) Formation of the Devonian-Carboniferous in the Zeravshan-Hissar. *Proceedings of the Institut of Geology*, 9:30-47. Donish, Dushanbe. (in Russian).
- BARDASHEV, I. A., N. P. BARDASHEVA, AND A. A. SABIROV. 2010. Stratigraphy, fauna and flora of the Devonian-Carboniferous deposits of Akbaital faciale type of sections in The Central Pamir. *Proceedings of the Institut of Geology*, 9:11-29. Donish, Dushanbe (in Russian).
- BARRICK, J. E., G. KLAPPER, M. A. KLEFFNER, AND H. R. KARLSSON. 2010. Conodont biostratigraphy and stable isotope chemostratigraphy of the lower Henryhouse Formation (Gorstian-early Ludfordian, Ludlow, Silurian), southern Oklahoma, USA. *Memoirs of the Association of Australasian Palaeontologists*, 39:51-70.
- BARRICK, J. E., M. A. KLEFFNER, M. A. GIBSON, F. N. PEAVEY, AND H. R. KARLSSON. 2010. The mid Ludfordian Lau Event (Ludlow, Silurian) in southern Laurentia - Preliminary results. *Bollettino della Società Paleontologica Italiana*, 49:13-33.
- BAUER, J. A. 2010. Conodonts and conodont biostratigraphy of the Joins and Oil Creek formations, south-central Oklahoma. *Oklahoma Geological Survey Bulletin*, 150:44 p.
- BERANEK, L. P., J. K. MORTENSEN, M. J. ORCHARD, AND T. ULLRICH. 2010. Provenance of North American Triassic strata from west-central and southeastern Yukon: correlations with coeval strata in the Western Canada Sedimentary Basin and Canadian Arctic Islands. *Canadian Journal of Earth Sciences*, 47:53-73.
- BERGSTRÖM, S. M., S. AGEMATSU, AND B. SCHMITZ. 2010. Global Upper Ordovician correlation by means of $\delta^{13}\text{C}$ chemostratigraphy: Implications of the discovery of the Guttenberg $\delta^{13}\text{C}$ excursion (GICE) in Malaysia. *Geological Magazine*, 147:641-651.
- BERGSTRÖM, S. M., B. SCHMITZ, M. R. SALTZMAN, AND W. D. HUFF. 2010. The Upper Ordovician Guttenberg $\delta^{13}\text{C}$ excursion (GICE) in North America and Baltoscandia: Occurrence, chemostratigraphic significance, and paleoenvironmental relationships. *The Geological Society of America, Special Paper*, 466:37-67.
- BERGSTRÖM, S. M., B. SCHMITZ, S. A. YOUNG, AND D. L. BRUTON. 2010. The $\delta^{13}\text{C}$ chemostratigraphy of the Upper Ordovician Mjøsa Formation at Furuberget near Hamar, southeastern Norway: Baltic, Trans-Atlantic and Chinese relations. *Norwegian Journal of Geology* 90:65-78.
- BERSTRÖM, S. M., AND S. A. LESLIE. 2010. The Ordovician zone index conodont *Amorphognathus ordovicicus* Branson and Mehl, 1933 from its type locality and the evolution of the genus *Amorphognathus* Branson and Mehl, 1933. *Journal of Micropaleontology*, 29:73-80.
- BERSTRÖM, S. M., S. A. YOUNG, AND B. SCHMITZ. 2010. Katian (Upper Ordovician) $\delta^{13}\text{C}$ chemostratigraphy and sequence stratigraphy in the United States and Baltoscandia: a regional review.

- Palaeogeography, Palaeoclimatology, Palaeoecology, 296:217-234.
- BITNER, M. A., B. JURKOVŠEK, AND T. KOLAR-JURKOVŠEK. 2010. New record of the inarticulate brachiopod genus *Discinisca* from the Upper Triassic (Carnian) of the Julian Alps, NW Slovenia. *Neues Jahrb. Geol. Paläontol. Abh.*, 257(3):367-372. doi: 310.1127/0077-7749/2010/0073. [COBISS.SI-ID 1777749].
- BLANCO-FERRERA, S., J. SANZ-LOPEZ, S. GARCIA-LOPEZ, AND F. BASTIDA. 2010. Alteracion y neocrystalizacion en la superficie de conodontos de la rama norte de la Unidad del Ponga (Zona Cantabrica). *Resúmenes del III Congreso Iberico de Paleontología*, Lisboa, Publicaciones del Seminario de Paleontología de Zaragoza, 9:86-89.
- BLANCO-FERRERA, S., J. SANZ-LOPEZ, S. GARCIA-LOPEZ, F. BASTIDA, AND M. L. VALIN. 2011. Conodont alteration and tectonothermal evolution of a diagenetic unit in the Iberian Variscan belt (Ponga-Cuera unit, NW Spain). *Geological Magazine*, 148:35-49. Doi:10.1017/S0016756810000269.
- BLIECK, A., S. TURNER, C. J. BURROW, H.-P. SCHULTZE, W.-E. REIF, C. B. REXROAD, AND G. S. NOWLAN. 2009. Organismal biology, phylogeny and strategy of publication: Why conodonts are not vertebrates. *Third International Conference Geologica Belgica*, Ghent, Belgium, 14-15 Sept. 2009. Ghent University, Programme and Abstracts:19-20.
- BLIECK, A., S. TURNER, C. J. BURROW, H.-P. SCHULTZE, C. B. REXROAD, P. BULTYNCK, AND G. S. NOWLAN. 2010. Fossils, histology and phylogeny: why conodonts are not vertebrates. *Episodes*, 33(4):234-241.
- BONCHEVA, I. 2010. Determination of organic maturity and paleotemperatures on conodonts - CAI method. *Review of Bulgarian Geological Society. Geosciences 2010. National conference with international participation Proceedings*:78-79. ISSN: 1313-2377.
- BONCHEVA, I., I. LAKOVA, V. SACHANSKI, AND P. KOENIGSHOF. 2010. Devonian stratigraphy, correlations and basin development in the Balkan Terrane, western Bulgaria. *Gondwana Research*, 17:573-582.
- BOND, D. P. G., J. HILTON, P. B. WIGNALL, J. ALI, L. G. STEVENS, Y. D. SUN, AND X. L. LAI. 2010. The Middle Permian (Capitanian) mass extinction on land and in oceans. *Earth-Science Reviews*, 102:100-116.
- BOND, D. P. G., P. B. WIGNALL, H. S. JIANG, X. L. LAI, Y. D. SUN, R. J. NEWTON, L. Y. SHAO, S. VÉDRINE, AND H. COPE. 2010. The mid-Capitanian (Middle Permian) mass extinction and carbon isotope record of South China. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 292:282-294.
- BOND, D. P. G., P. B. WIGNALL, Y. D. SUN, X. L. LAI, H. S. JIANG, AND W. WANG. 2010. Precise coincidence of mass extinction and volcanism in the Middle Permian of China: Microfossil and carbon isotope records from the Emeishan LIP. *Abstracts of Third International Palaeontological Congress (IPC3)*, London, S23, 94.
- BREZINSKI, D. K., J. F. TAYLOR, AND J. E. REPETSKI. In Press. Sequential development of platform to off-platform facies of the Great American Bank in the central Appalachians. *In* J. L. Wilson, J. R. Derby, R. Fritz, B. Morgan, M. Elrick, M. Kuykendall, and P. Medlock (eds.), *Cambro-Ordovician Sauk Sequence of Laurentia; The Geology and Petroleum Potential of the Great American Carbonate Bank: American Association of Petroleum Geologists, Memoir*. 105 ms p.
- BROWN, L. M., AND C. B. REXROAD. 2009. Conodont Paleontology of the West Franklin Limestone Member of the Shelburn Formation (Pennsylvanian) in the Southeastern Part of the Illinois Basin, Indiana. *Geological Survey Special Report*, 68:34 p.
- BUGGISCH, W., M. M. JOACHIMSKI, O. LEHNERT, S. M. BERGSTRÖM, J. E. REPETSKI, AND G. F. WEBERS. 2010. Did intense volcanism trigger the first Ordovician icehouse? *Geology*, April 2010, 38(4):327-330.
- CARLOROSI, J., S. HEREDIA, G. N. SARMIENTO, AND M. C. MOYA. 2011. Reworked conodonts in the Upper Ordovician Santa Gertrudis Formation (Salta, Argentina). *In* J. C. Gutiérrez-Marco, I. Rábano, and D. García-Bellido (eds.), *Ordovician of the World*. Instituto Geológico y Minero de España, Madrid. *Cuadernos del Museo Geominero*, 14:83-87.
- CORRADINI, C., AND M. G. CORRIGA. 2010. Silurian and lowermost Devonian conodonts from the Passo Volaiia area (Carnic Alps, Italy). *Bollettino della Società Paleontologica Italiana*, 49(3):237-253.
- CORRADINI, C., M. G. CORRIGA, M. PONDRELLI, P. SERVENTI, AND L. SIMONETTO. 2010. Il Siluriano di Monte Cocco (Alpi Carniche). *Gortania*, 31:23-30.
- CORRADINI, C., A. FERRETTI, AND P. STORCH. eds. 2010. Time and Life in the Silurian. A multidisciplinary approach, Subcommission on Silurian Stratigraphy Field Meeting 2009, (Sardinia, June 4-11, 2009), *Proceedings. Bollettino della Società Paleontologica Italiana*, 49(1):88 pp.
- CORRADINI, C., S. KAISER, M. C. PERRI, AND C. SPALLETTA. 2011. Conodont genus *Protognathodus* as a possible tool for recognizing the Devonian/Carboniferous Boundary. *Rivista Italiana*

di Paleontologia e Stratigrafia, 117(1):15-28.

CORRADINI, C., S. I. KAISER, M. C. PERRI, AND C. SPALLETTA. 2010. Conodont genus *Protognathodus* as a possible tool for recognizing the Devonian/Carboniferous boundary. Third International Palaeontological Congress (IPC3), London June 28-July 3, Programme and Abstracts:131.

CRAMER, B. D., C. E. BRETT, M. J. MELCHIN, P. MÄNNIK, M. A. KLEFFNER, P. I. MCLAUGHLIN, D. K. LOYDELL, A. MUNNECKE, L. JEPSSON, C. CORRADINI, F. R. BRUNTON, AND M. R. SALTZMAN. 2010. Revised correlation of Silurian Provincial series of North America with global and regional chronostratigraphic units and $\delta^{13}\text{C}_{\text{carb}}$ chemostratigraphy. *Lethaia*, doi:10.1111/j.1502-3931.2010.00234.x

CRAMER, B. D., M. A. KLEFFNER, C. E. BRETT, P. I. MCLAUGHLIN, L. JEPSSON, A. MUNNECKE, AND C. SAMTLEBEN. 2010. Paleobiogeography, high-resolution stratigraphy, and the future of Paleozoic biostratigraphy: Fine-scale diachroneity of the Wenlock (Silurian) conodont *Kockelella walliseri*. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 294:232-241.

CRAMER, B. D., D. K. LOYDELL, C. SAMTLEBEN, A. MUNNECKE, D. KALJO, P. MÄNNIK, T. MARTMA, L. JEPSSON, M. A. KLEFFNER, J. E. BARRICK, C. A. JOHNSON, P. EMSBO, M. M. JOACHIMSKI, T. BICKERT, AND M. R. SALTZMAN. 2010. Testing the limits of Paleozoic chronostratigraphic correlation via high-resolution (<500kyr) integrated conodont, graptolite, and carbon isotope ($\delta^{13}\text{C}_{\text{carb}}$) biochemostratigraphy across the Llandovery-Wenlock (Silurian) boundary: Is a unified Phanerozoic time scale achievable? *Geological Society of America Bulletin*, 122:1700-1716.

CRASQUIN-SOLEAU, S., M. SUDAR, D. JOVANOVIĆ, AND T. KOLAR-JURKOVŠEK. 2010. Upper Permian ostracode assemblage from the Jadar Block (Vardar Zone, NW Serbia). *Geološki anali Balkanskoga poluostrva (Beograd)*, 71:23-35. [COBISS.SI-ID 1853525].

DEMSKI, M. W., L. I. STEWART, R. J. ELIAS, G. A. YOUNG, G. S. NOWLAN, AND E. P. DOBRZANSKI. 2010. Hirnantian (latest Ordovician) event in the centre of North America? Colour, carbon isotopic excursion and conodont turnover. Third International Palaeontological Congress (IPC3), London, 28 June - 3 July, 2010, Programme and Abstracts, S26.

DEMSKI, M. W., L. I. STEWART, R. J. ELIAS, G. A. YOUNG, G. S. NOWLAN, AND E. P. DOBRZANSKI. 2010. Hirnantian (latest Ordovician) strata in the heart of the continent? Intriguing results from Williston Basin, Manitoba. *GeoCanada 2010*, Calgary, May 2010, Abstract for Poster.

DENYSZYN, S., R. MUNDIL, AND I. METCALFE. 2010. U-Pb (CA-TIMS) zircon geochronology of the late Permian of Australia: Constraining the time scale between two major extinctions. *Goldschmidt Conference, Abstracts 2010*, A223.

DENYSZYN, S., R. MUNDIL, I. METCALFE, AND B. HE. 2010. Permian U-Pb (CA-TIMS) zircon ages from Australia and China: Constraining the time scale of environmental and biotic change. *In E. T. AGU (ed.), Fall Meet. Suppl.*, 90(52).

DOCTOR, D. H., R. C. ORNDORFF, R. A. PARKER, D. J. WEARY, AND J. E. REPETSKI. 2010. Geologic map of the White Hall quadrangle, Frederick County, Virginia, and Berkeley County, West Virginia. U.S. Geological Survey Open-File Report 2010-1265, 1 pl., scale 1:24,000, Available only at <http://pubs.usgs.gov/of/2010/1265>.

DONG, X.-P., S. BENGTSON, N. J. GOSTLING, J. A. CUNNINGHAM, T. H. P. HARVEY, A. KOUCHINSKY, A. K. VAL'KOV, J. E. REPETSKI, M. STAMPANONI, AND P. C. J. DONOGHUE. 2010. The anatomy, taphonomy, taxonomy and systematic affinity of *Markuelia*, Early Cambrian to Early Ordovician scalidophorans. *Palaeontology* 53(6):1291-1314.

DOPIERALSKA, J., Z. BELKA, P. KÖNIGSHOF, G. RACKI, N. SAVAGE, L. PETRA, AND S. APSORN. 2010. Nd isotopic composition of Late Devonian seawater in the westernmost part of Thailand: geotectonic implications and the origin of the Sibumasu terrane. The 2nd International Conference on Palaeontology of Southeast Asia (ICPSEA 2010), Mahasarakham, Thailand, Abstract.

DUMOULIN, J. A., A. G. HARRIS, J. E. REPETSKI, AND M. T. WHALEN. 2010. Paleontologic and lithologic constraints on Paleozoic paleogeographic reconstructions of Arctic Alaska [abs.]. Alaska Geological Society Technical Conference, Anchorage, AK, April 16, 2010.

DWYER, G. S., AND J. E. REPETSKI. In Press. The Middle Ordovician Knox unconformity in the Black Warrior basin, p. xx-xx. *In* J. L. Wilson, J. R. Derby, R. Fritz, B. Morgan, M. Elrick, M. Kuykendall, and P. Medlock (eds.), *Cambro-Ordovician Sauk Sequence of Laurentia; The Geology and Petroleum Potential of the Great American Carbonate Bank: American Association of Petroleum Geologists, Memoir XXX*. 32 ms p.

EAST, J. A., C. S. SWEZEY, J. E. REPETSKI, AND D. O. HAYBA. 2010. Thermal maturity map of the Devonian shales of the Appalachian, Michigan, and Illinois basins [abs.]. 2010 Eastern Section, American Association of Petroleum Geologists, 39th Annual Meeting, Sept. 25 - 29, 2010, Kalamazoo,

MI:39.

EHIRO, M., AND S. Z. SHEN. 2010. Ammonoid succession across the Wuchiapingian/Changhsingian boundary of the northern Penglaitan Section in the Laibin area, Guangxi, South China. *Geological Journal*, 45(2-3):162-169.

ETHINGTON, R. L., AND L. M. ROSS. 2010. *Ptiloncodus* Harris, 1962; A Laurentian enigma. *Journal of Paleontology*, 84:88-97.

FALCON-LANG, H. J., P. H. HECKEL, W. A. DIMICHELE, AND OTHERS. In Press 2011. No major stratigraphic gap exists near the Middle-Upper Pennsylvanian (Desmoinesian-Missourian) stage boundary in North America. *Palaios*, 26.

FARABEGOLI, E., AND M. C. PERRI. 2011. Millennial physical events and the end-Permian mass mortality in the western Palaeotethys: timing and primary causes. In J. A. Talent (ed.), *Earth and Life: Global Biodiversity, Extinction Intervals and Biogeographic Perturbations through Time*. Springer Science, Dordrecht.

FERRETTI, A. In Press 2011. Late Ordovician conodont fauna from the Carnic Alps: what else? *Epitome, Geitalia 2011*, Abstracts.

FERRETTI, A., C. BRETT, K. HISTON, AND P. MCLAUGHLIN. 2011. Time Specific Facies: The Colour and Texture of Biotic Events. *Giornate di Paleontologia, XI Edizione, Serpiano (Ti-Ch), 2-4 Giugno 2011*, Abstracts:41.

FERRETTI, A., B. CAVALAZZI, R. BARBIERI, AND R. TODESCO. 2010. The colour of the Silurian: just biopaintings? *Third International Palaeontological Congress (IPC3), London 2010 (June 28-July 3)*, Abstracts:168.

FERRETTI, A., L. GAGGERO, E. HAMMARLUND, D. A. T. HARPER, K. HISTON, H. PRIEWALDER, H. P. SCHÖNLAUB, C. SPÖTL, AND P. ŠTORCH. 2011. Tracking the Hirnantian glaciation in the Carnic Alps of Austria. *Giornate di Paleontologia, XI Edizione, Serpiano (Ti-Ch), 2-4 Giugno 2011*, Abstracts:42.

FERRI, F., M. GOLDING, J. MORTENSON, J.-P. ZONNEVELD, AND M. J. ORCHARD. 2010. The Toad Formation (Montney-Doig equivalent) in northwestern Halfway River map area, British Columbia (NTS 094B/14). *Geoscience Reports 2010, BC Ministry of Energy, Mines and Petroleum Resources*:21-34.

GATOVSKY, Y. A. 2010. The development of the *Polygnathus* Genus (Conodonts) in the Famennian basin of the Bol'shoy Karatau (South Kazakhstan), p. 222-225 [in Russian]. In V. M. Podobina (ed.), *Evolution of Life on the Earth: Proceedings of the IV International Symposium*. Tomsk: TML-Press, Tomsk, November 10-12, 2010.

GATOVSKY, Y. A. 2010. New Records of the Conodont Genus *Polygnathus* from the Lower Famennian of Mugodzhary, Western Kazakhstan. *Paleontological Journal*, 44(3):322-327.

GATOVSKY, Y. A., AND L. I. KONONOVA. 2010. Morphological Features of some Famennian conodonts. *Newsletter on Carboniferous Stratigraphy*, 28:49-50.

GATOVSKY, Y. A., L. I. KONONOVA, AND V. N. PAZUKHIN. 2011. Devonian-Carboniferous boundary in the FSU, p. Program and Abstracts:25-26 [in Russian]. In A. S. Alekseev (ed.), *PALEOSTRAT-2011-Moscow, January 24-26, 2011*, Moscow: Paleontological Institute of the Russian Academy of Sciences.

GATOVSKY, Y. A., AND V. N. PAZUKHIN. In Press 2011. New Species of *Pelekysgnathus* (Conodonts) from the Famennian of the Eastern Russian Platform. *Paleontological Journal*.

GAWLICK, H.-J., M. N. SUDAR, R. LEIN, C. MISSONI, D. JOVANOVIĆ, AND H. SUZUKI. 2010. The Hallstatt Mélange occurrence of *Vodena Poljana* in the Inner Dinarides (Zlata Mountain, SW Serbia). *Pangeo 2010 Abstracts, Journal of Alpine Geology (Wien)*, 52(116-118).

GHOLAMALIAN, H., M. GHORBANI, AND S. H. SAJADI. 2009. Famennian conodonts from Kal-e-Sardar section, Eastern Tabas, Central Iran. *Rivista Italiana di Paleontologia e Stratigrafia, Milano*, 115(2):141-158.

GHOLAMALIAN, H., AND M. R. KEBRIAIEI. 2008. Late Devonian conodonts from the Hojedk section, Kerman Province, Southeastern Iran. *Rivista Italiana di Paleontologia e Stratigrafia, Milano*, 114(2):171-181.

GIORDANO, N., G. IARAPICA, A. BERTINELLI, AND M. RIGO. 2011. The Norian-Rhaetian interval in two sections of the Lagonegro area: the transition from carbonate to siliceous deposition. *Italian Journal of Geosciences*, accepted.

GIORDANO, N., M. RIGO, G. CIARAPICA, AND A. BERTINELLI. 2010. New biostratigraphical constraints for the Norian/Rhaetian boundary: data from Lagonegro Basin, Southern Apennines, Italy. *Lethaia*, 43/4:573-586. ISSN: 0024-1164.

GIRARD, G., T. H. PHUONG, N. M. SAVAGE, AND S. RENAUD. 2010. Temporal dynamics of the

- differentiation of Late Devonian *Palmatolepis* assemblages in the Prototethys. *Acta Palaeontologica Polonica*, 55(4):675-687.
- GOLDING, M., F. FERRI, J. MORTENSON, J.-P. ZONNEVELD, AND M. J. ORCHARD. 2010. Biostratigraphic and Sedimentological Studies of Natural Gas-Bearing Triassic strata in the Halfway River Map Area (NTS 094B), Northeastern British Columbia. Geoscience BC Summary of Activities 2009, Geoscience BC Report 2010, 1:249-258.
- GOLDING, M. L., J.-P. ZONNEVELD, M. J. ORCHARD, F. FERRI, AND J. K. MORTENSEN. 2011. Stratigraphical correlation and sedimentary provenance of Triassic natural-gas bearing rocks in northeastern British Columbia: correlation from outcrop to the subsurface. Geoscience BC Summary of Activities 2010, Geoscience BC, Report 2011, 1:229-238.
- GOLDMAN, D., C. PANTLE, H. D. SHEETS, AND S. M. BERGSTRÖM. 2010. A composite taxon range chart and conodont biodiversity dynamics from the Ordovician of Baltoscandia. *The Geological Society of America, Abstracts with Programs*:42:49.
- GOODFELLOW, W. D., H. GELDSETZER, C. GREGOIRE, M. J. ORCHARD, AND F. CORDEY. 2010. Geochemistry and origin of geographically extensive Ni (Mo, Zn, U)-PGE sulphide deposits hosted in Devonian black shales, Yukon. TGI3 workshop, Vancouver, 22 March 2010, Proceedings and Abstracts:15-18.
- GOUWY, S. 2009. Conodont deformation in the Devonian tentaculite limestone of the Villasalto area (SE Sardinia, Italy). ICOS 2009, Calgary (Canada), July 12- 17, 2009, Abstract volume:18.
- GOUWY, S. 2010. Middle Devonian conodonts of the NW margin of Gondwana, PhD thesis in "Earth System Sciences: Environment, resources and cultural heritage" (Università di Modena e Reggio Emilia, Italy) and "Ciencias biológicas" (Universitat di València, Spain), deposited at the Universitat de Valencia, Spain and the Università di Modena e Reggio Emilia, Italy. 197pp.
- GOUWY, S., J.-C. LIAO, AND J. I. VALENZUELA-RÍOS. 2010. The Villech section (Spanish Central Pyrenees): Middle Devonian and Lower Frasnian conodont biostratigraphy and the start of a regional high resolution composite standard. 54th Palaeontological Association Annual Meeting Ghent University (Bélgica), 17th-20th December 2010, Programme and Abstracts:51-52.
- GRAYBILL, E. A., G. R. GANIS, J. E. REPETSKI, AND D. SUNDERLIN. 2010. Paleoenvironmental implications of an Ordovician trace fossil assemblage, Dauphin Formation, south-central Pennsylvania [abs.]. Geological Society of America, Northeast/Southeast joint section meeting for 2010, Baltimore, MD.
- H**ARPER, D. A. T., L. STEMMERIK, Z. RENBIN, L. JIANBO, S. K. DONOVAN, AND S. STOUGE. 2010. Whiterock of the roof of the World: New data from the Ordovician tropics in Tibet. 54th Palaeontological Association Annual Meeting, Ghent University (Bélgica), 17th-20th December 2010, Programme and Abstracts:22.
- HECKEL, P. H., J. E. BARRICK, AND S. J. ROSSCOE. In Press 2011. Conodont-based correlation of lower Conemaugh marine units (Late Pennsylvanian) in Northern Appalachian Basin. Geological Society of America, Northeastern and North-Central sections joint annual meeting, Abstracts with Programs 43(1).
- HINTS, L., O. HINTS, D. KALJO, T. KIIPLI, P. MÄNNIK, J. NÖLVAK, AND H. PÄRNASTE. 2010. Hirnantian (latest Ordovician) bio- and chemostratigraphy of the Stirnas-18 core, western Latvia. *Estonian Journal of Earth Sciences*, 59:1-24.
- HIRSCH, F., K. ISHIDA, A. M. KILIC, AND P. PLASENCIA. 2011. Sexually Dimorph P2 elements in Triassic Gondolellacea (Conodonta)? In Y. Kondo, M. Iwai, M. Murayama, and M. Nara (eds.), The 160th meeting of the Paleontological Society of Japan - Kochi (Japan) Jan 30, 2011, Abstracts: A-19:23.
- HITIJ, T., A. TINTORI, J. ŽALOHAR, S. RENESTO, B. CELARC, M. KRIŽNAR, AND T. KOLAR-JURKOVŠEK. 2010. New fossil sites with Triassic vertebrate fauna from the Kamnik-Savinja Alps, Slovenia. V: Program and abstract. Peking = Beijing: Geological Museum and Department of Geology: School of Earth and Space Sciences, Peking University: Key Laboratory of Evolutionary Systematics of Vertebrates, Chinese Academy of Sciences, [2010]:42-46, ilustr., zvd. <http://marinereptile.org/wp-content/uploads/2010/2009/Abstract-Program.pdf>. [COBISS.SI-ID 882677].
- HLADIL, J., M. VONDRA, P. ČEJCHAN, R. VICH, L. KOPTÍKOVÁ, AND L. SLAVÍK. 2010. The dynamic time-warping approach to comparison of magnetic-susceptibility logs and application to Lower Devonian calciturbidites (Prague Synform, Bohemian Massif). *Geologica Belgica*, 13/4, Magnetic susceptibility, correlations and Palaeozoic environments:385-406.
- HUFF, W. D., S. M. BERSTRÖM, AND D. R. KOLATA. 2010. Ordovician explosive volcanism. *The Geological Society of America, Special Paper*, 466:13-28.
- HUTCHINS, K. L., J. MORROW, C. A. SANDBERG, AND R. S. HARRIS. 2010. Proximal to distal grain-size trends in hematite inclusion-rich quartz, Late Devonian Alamo Impact Event, Nevada, Utah, and California. *Geological Society of America Abstracts with Programs*, 42(5):306.

ISHIDA, K., AND F. HIRSCH. 2010. Middle and Late Triassic Conodont apparatus from Peninsular Malaya and North-Western Thailand. In C. P. Lee, T. F. Ng, G. H. Teh, and N. L. A. Razak (eds.), The 6th Symposium of the IGCP 516: Geological Anatomy of East and South Asia - Kuala Lumpur (Malaysia) Nov. 9-14, 2010, Proceedings:53-54.

ISHIDA, K., AND F. HIRSCH. 2011. The Triassic conodonts of the NW Malayan Koding Limestone revisited: Taxonomy and paleogeographic significance. *Gondwana Research*, 19:22-36.

JEPPSSON, L., J. A. TALENT, R. MAWSON, A. ANDREW, C. CORRADINI, A. J. SIMPSON, J. WIGFORSS-LANGE, AND H. P. SCHÖNLAUB. In Press 2011. Late Ludfordian correlations and the Lau Event. In J. A. Talent (ed.), *Earth and Life: Global Biodiversity, Extinction Intervals and Biogeographic Perturbations through Time*. Springer Science, Dordrecht.

JIA, C., J. HUANG, S. KERSHAW, G. LUO, E. FARABEGOLI, M. C. PERRI, L. CHEN, X. BAI, AND S. XIE. In Press. Microbial response to limited nutrients in shallow water immediately after end-Permian mass extinction. In J. A. Talent (ed.), *Earth and Life: Global Biodiversity, Extinction Intervals and Biogeographic Perturbations through Time*. Springer Science, Dordrecht.

JIANG, H. S., R. J. ALDRIDGE, X. L. LAI, C. B. YAN, AND Y. D. SUN. 2010. Phylogeny of the conodont genera *Hindeodus* and *Isarcicella* across the Permian-Triassic boundary. *Lethaia*, doi: 10.1111/j.1502-3931.2010.00248.x.

JOHNSTON, D. I., C. M. HENDERSON, AND M. J. SCHMIDT. In Press. Upper Devonian to Lower Mississippian conodont biostratigraphy of uppermost Wabamun Group and Palliser Formation to lowermost Banff and Lodgepole formations, southern Alberta and southeastern British Columbia, Canada: Implications for correlations and sequence stratigraphy. *Bulletin of Canadian Petroleum Geology*.

KAISER, S., AND C. CORRADINI. In Press 2011. The *Siphonodella praesulcata-sulcata* lineage: biostratigraphic implications on the Devonian/Carboniferous boundary. *Neues Jahrbuch für Geologie und Paläontologie Abhandlungen*, doi: 10.1127/0077-7749-2011-0144.

KERSHAW, S., S. CRASQUIN, M.-B. FOREL, C. RANDON, P. Y. COLLIN, E. KOSUN, S. RICHOSZ, AND A. BAUD. 2010. Earliest Triassic microbialites in Çürük Dag, southern Turkey; composition, cyclicity and controls on formation. *Sedimentology*, doi:10.1111/j.1365-3091.2010.01181.x.

KIRILISHINA, E. M., E. V. KARPOVA, AND L. I. KONONOVA. 2010. Conodont Biofacies and Carbonate Microfacies on the Frasnian and Famennian Boundary (Upper Devonian) of the Voronezh Antecline (East European Platform, Russia). *Evolution of the Life on the Earth: Proceedings of the IV International Symposium, November 10-12, 2010, Editor V.M. Podobina.-Tomsk: TML-Press, 2010:90-93, English Abstract.*

KIRILISHINA, E. M., AND L. I. KONONOVA. 2010. New Conodonts of the Genus *Polygnathus* from the Evlanovian and Livnian (Upper Devonian) of the Voronezh Antecline (Central Devonian Field). *Paleontological Journal*, 44:68-78.

KLEFFNER, M. A., AND J. E. BARRICK. 2010. Telychian-early Sheinwoodian (early Silurian) conodont-, graptolite-, chitinozoan- and event-based chronostratigraphy developed using the graphic correlation method. *Memoirs of the Association of Australasian Palaeontologists*, 39:191-210.

KOLAR-JURKOVŠEK, T., AND B. JURKOVŠEK. 2010. Carnian Pluvial Event in the Mežica area, Karavanke Mts., Slovenia. V: CHATZIPETROS, Alexandros (ur.), MELFOS, Vasilios (ur.), MARCHEV, Peter (ur.), LAKOVA, Iskra (ur.). Abstracts volume, *Geologica Balcanica*. Sofia: Geological Institute, Bulgarian Academy of Sciences, 39(1/2):197. [COBISS.SI-ID 1806421].

KOLAR-JURKOVŠEK, T., AND B. JURKOVŠEK. [Print ed.], 2010. New paleontological evidence of the Carnian strata in the Mežica area (Karavanke Mts, Slovenia): conodont data for the Carnian pluvial event. *Palaeogeogr. Palaeoclimatol. Palaeoecol.*, 290(1/4):81-88. doi:10.1016/j.palaeo.2009.1006.1015. [COBISS.SI-ID 1719125] tipologija 1719121.1719108 -> 1719121.1719101.

KOLAR-JURKOVŠEK, T., B. JURKOVŠEK, AND D. ALJINOVIĆ. 2010. Definition of the Permian-Triassic boundary in Western Slovenia = Definicija granice perm-trijas u zapadnoj Sloveniji. V: PETROVIĆ, Marija (ur.). 4. Hrvatski geološki kongres s međunarodim sudjelovanjem = 4. Croatian geological Congress with international participation, Šibenik 14.-15.10.2010. Knjiga sažetaka. Zagreb: Hrvatsko geološko društvo: = Croatian Geological Society, 2010, Abstract:77. [COBISS.SI-ID 1818197].

KOLAR-JURKOVŠEK, T., B. JURKOVŠEK, AND S. G. LUCAS. 2010. Fosilna dvoživka iz spodnjetriasnih plasti Julijskih Alp. V: KOŠIR, Adrijan (ur.), HORVAT, Aleksander (ur.), ZUPAN HAJNA, Nadja (ur.), OTONIČAR, Bojan (ur.). 3. Slovenski geološki kongres, Bovec, 16.-18. september 2010. Povzetki in ekskurzije. Postojna: Znanstvenoraziskovalni center SAZU, Inštitut za raziskovanje krasa; Ljubljana: Paleontološki inštitut Ivana Rakovca, 2010, Abstract:26. [COBISS.SI-ID 1795157].

KOLAR-JURKOVŠEK, T., S. G. LUCAS, AND B. JURKOVŠEK. 2010. Lower Triassic of the Julian Alps: first record of a fossil amphibian in Slovenia. IGCP 572 Annual Meeting and Field Workshop, Oman,

- 20-26 February 2010, Abstracts. Oman: GÜtech, 2010, f. [18]. [COBISS.SI-ID 1733973].
- KÖNIGSHOF, P., N. M. SAVAGE, P. LUTAT, A. SARSDUD, J. DOPIERALSKA, Z. BELKA, AND G. RACKI. 2010. Microfacies and stratigraphy of a late Devonian section in northwestern Thailand. 2nd International Conference on Paleontology of S.E. Asia, Mahasarakham University, Thailand, Abstract.
- KONONOVA, L. I. In Press. Upper Famennian Conodonts from the Breternitz Member (Upper Clymenioid Beds) in the Saalfeld region. Thuringia (Germany).
- KOOT, M. B., G. CUNEY, M. J. ORCHARD, C. M. HENDERSON, AND R. J. TWITCHETT. 2010. Shark teeth from the Middle Permian - Triassic Arabian continental shelf area of Oman. Palaeontological Association, Annual Meeting, Programme and Abstracts:56.
- KOPTÍKOVÁ, L., O. BÁBEK, J. HLADIL, J. KALVODA, AND L. SLAVÍK. 2010. Stratigraphic significance and resolution of spectral reflectance logs in Lower Devonian carbonates of the Barrandian area, Czech Republic; a correlation with magnetic susceptibility and gamma-ray logs. *Sedimentary Geology*, 225:83-98.
- KOPTÍKOVÁ, L., J. HLADIL, L. SLAVÍK, P. ČEJCHAN, AND O. BÁBEK. 2010. Fine-grained non-carbonate particles embedded in neritic to pelagic limestones (Lochkovian to Emsian, Prague synform, Czech Republic): composition, provenance and links to magnetic susceptibility and gamma-ray logs. *Geologica Belgica*, 13/4:Magnetic susceptibility, correlations and Palaeozoic environments: 407-430.
- KORTE, C., AND H. W. KOZUR. 2010. Carbon-isotope stratigraphy across the Permian-Triassic boundary: A review. *Journal of Asian Earth Sciences*, 39:215-235. +3 pages supplementary information.
- KORTE, C., P. PANDE, P. KALIA, H. W. KOZUR, M. M. JOACHIMSKI, AND H. OBERÄNSLI. 2010. Massive volcanism at the Permian-Triassic boundary and its impact on the isotopic of the ocean and atmosphere. *Journ. Asian Earth Sci.*, 37:293-311.
- KOZUR, H. W., AND G. H. BACHMANN. 2010. The middle Carnian wet intermezzo of the Stuttgart Formation (Schilfsandstein), Germanic Basin. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 290:107-119.
- KOZUR, H. W., AND B. R. WARDLAW. 2010. The Guadalupian conodont fauna of Rustaq and Wadi Wasit, Oman, and a West Texas connection. In M. K. Nestell and B. R. Wardlaw (eds.), *Late Guadalupian (Middle Permian) integrated radiolarian and conodont biostratigraphy in West Texas: Micropaleontology*, 56(1-2):213-231.
- KOZUR, H. W., AND R. E. WEEMS. 2010. The biostratigraphic importance of conchostracans in the continental Triassic of the northern hemisphere. In S. G. Lucas (ed.), *The Triassic timescale*. Geological Society, London, Special Publication, 334:315-417.
- KUTYGIN, R. V., P. N. KOLOSOV, V. V. BARANOV, V. G. KNYAZEV, AND V. P. TARABUKIN. 2009. Paleontology collections in Geology Museum IGDPM SB RAS - YSC, Yakutsk, 216 pp. (In Russian).
- L**ADJAVADI, M., K. GRICE, D. EDWARDS, C. BOREHAM, I. METCALFE, AND R. SUMMONS. 2010. Biomarker distributions and stable isotopes (C, H) establish the age and palaeoenvironmental conditions spanning the Permian/Triassic in the northern onshore Perth Basin. In J. H. Chen, J. M. Hope, E. Grosjean, C. J. Boreham, and J. J. Brocks (eds.), *16th Australian Organic Geochemistry Conference: Program and abstracts*. Geoscience Australia Record 2010/42:108-109.
- LAI, X. L., B. YANG, AND H. S. JIANG. 2010. A newly discovered Early Triassic chert at Gaimao section, Guizhou, Southwestern China. Abstracts of Third International Palaeontological Congress (IPC 3), London, S13, 236.
- LAMBERT, L. L., G. L. J. BELL, J. A. FRONIMOS, B. R. WARDLAW, AND M. O. YISA. 2010. Conodont biostratigraphy of a more complete Reef Trail Member section near the type section, latest Guadalupian Series type region. In M. K. Nestell and B. R. Wardlaw (eds.), *Late Guadalupian (Middle Permian) integrated radiolarian and conodont biostratigraphy in West Texas: Micropaleontology*, 56(1-2):233-253.
- LEHNERT, O., P. MÄNNIK, M. M. JOACHIMSKI, M. CALNER, AND J. FRÝDA. 2010. Paleoclimate perturbations before the early Sheinwoodian glaciation: A trigger for extinctions during the "Ireviken Event". *Palaeogeography, Palaeoclimatology, Palaeoecology*, 296:320-331.
- LESLIE, S. A., M. R. SALTZMAN, J. E. REPETSKI, S. M. BERGSTRÖM, A. M. SEWARD, A. M. BANCROFT, A. HOWARD, AND R. R. BLESSING. 2011. Conodont biostratigraphy and Sr-isotope stratigraphy across the Knox/Beekmantown unconformity in the central Appalachians [abs.]. Geological Society of America, Northeastern and North-Central sections joint meeting for 2011.
- LIAO, J.-C., J. I. VALENZUELA-RÍOS, AND S. GOUWY. 2010. Givetian (Middle Devonian) Goevent at the Villech section (Spanish Central Pyrenees) p. 139-140. In M. A. Lamolda and al. (eds.), *Goevents, Geological Heritage and the Role of the IGCP, Caravaca 15th-18th September, 2010*. Ayuntamiento de Caravaca de la Cruz. Spain.

- LOCH, J. D., J. F. TAYLOR, P. M. MYROW, J. E. REPETSKI, AND R. L. RIPPERDAN. 2010. Recognition of the base of the Tulean Stage (Lower Ordovician) in southern Laurentia [abs.]. Geological Society of America, Annual Meeting for 2010.
- LOWELL, G. R., R. W. HARRISON, D. J. WEARY, R. C. ORNDORFF, J. E. REPETSKI, AND H. A. PIERCE. 2010. Rift-related volcanism and karst geohydrology of the southern Ozark dome, p. 99-158. In K. R. Evans and J. S. Aber (eds.), From Precambrian rift volcanoes to the Mississippian shelf margin: Geological Field Excursions in the Ozark Mountains: Geological Society of America Field Guide 17. doi: 10.1130/2010.0017(06).
- LOYDELL, D. K., V. NESTOR, AND P. MÄNNIK. 2010. Integrated biostratigraphy of the lower Silurian of the Kolka-54 core, Latvia. *Geological Magazine*, 147:253-280.

- MACHADO, G., J. HLADIL, L. SLAVÍK, L. KOPTÍKOVÁ, N. MOREIRA, M. FONSECA, AND P. FONSECA. 2010. An Emsian-Eifelian Calciturbidite sequence and the possible correlatable pattern of the Basal Choteč event in Western Ossa-Morena Zone, Portugal (Odivelas Limestone). *Geologica Belgica* 13/4, Magnetic susceptibility, correlations and Palaeozoic environments:431-446.
- MÄNNIK, P. 2010. Distribution of Upper Ordovician, Llandovery and Wenlock conodonts. In A. Põldvere (ed.), Viki drill core. *Estonian Geological Sections*, 10:21-24.
- MÄNNIK, P., D. LOYDELL, AND S. LUBESSEDER. In Press. The biostratigraphy and conodont fauna of a limestone from the lowermost Tamaghout Formation (lower Wenlock, Silurian), Bou-Maiz (El Kachla) section, NE Anti-Atlas, Morocco. *Lethaia*, doi: 10.1111/j.1502-3931.2010.00249.x.
- MAROUN, M. G., J. MORROW, C. KOEBERL, AND C. A. SANDBERG. 2010. Geochemical evaluation of distal, onshore channel deposits from Late Devonian marine Alamo Impact Event, Nevada and Utah. *Geological Society of America Abstracts with Programs*, 42(5):171-172.
- MÁRQUEZ-ALIAGA, A., P. PLASENCIA, AND S. ROS. 2010. The Triassic is a period between two Geoevents: conodonts and bivalves paleontological implications. Geoevents, Geological Heritage, and the Role of the IGCP, Caravaca de la Cruz, 15-18 September 2010, Abstract.
- MARSHALL, T. R., AND P. H. HECKEL. In Press 2011. Conodont biostratigraphy of lower Cherokee Group (lower Desmoinesian, Middle Pennsylvanian) in Midcontinent Basin. *Geological Society of America, South-Central Section Annual Meeting, Abstracts with Programs*, 43(3)
- MARTÍNEZ-PÉREZ, C., P. PLASENCIA, AND H. BOTELLA. 2010. Paleobiología de conodontos: una revisión histórica. *Cidaris* 30:179-186.
- MARTÍNEZ-PÉREZ, C., J. I. VALENZUELA-RÍOS, AND H. BOTELLA. 2010. *Polygnathus rosae* n.sp. (Conodonta) and its biostratigraphical correlation potential (Lower Emsian, Lower Devonian) in the Spanish Central Pyrenees. *Rivista Italiana di Paleontologia e Stratigrafia*, Milano, 116(3):273-281.
- MASLOV, V. A., AND O. V. ARTYSHKOVA. 2010. Stratigraphy and correlation of the Devonian in Magnitogorsk megazone in the South Urals. Ufa: DesignPress:288.
- MATYJA, H. 2009. Depositional history of the Devonian succession in the Pomeranian Basin, NW Poland. *Geological Quarterly*, 53(1):63-92.
- MATYJA, H. 2009. Shallow-water conodonts of the Uppermost marginifera - Middle expansa zones in Poland. In C. M. Henderson and C. McLean (eds.), *International Conodont Symposium (ICOS) 2009. Abstracts. Permophiles, International Commission on Stratigraphy, International Union of Geological Sciences. Newsletter of the Subcommission on Permian Stratigraphy.*, 53:29-30.
- MATYJA, H., K. MAŁKOWSKI, K. SOBIENI, AND M. STEMPIEŃ-SALEK. 2010. Devonian-Carboniferous boundary in Poland: conodont and miospore successions and event stratigraphy. *Programme & Abstracts, Third International Palaeontological Congress (IPC3), London 2010, June 28 - July 3*:268.
- MATYJA, H., AND A. TOMAŚ. 2009. Integrated analysis of conodonts and foraminifera: a tool for recognition of Mid Famennian Event in Western Pomerania. In D. Peryt and M. Kaminski (eds.), *Seventh Micropalaeontological Workshop MIKRO-2009, Abstracts and Excursion Guide*, Św. Katarzyna, Poland, September 28-30, 2009. Grzybowski Foundation Special Publication 15:48.
- MAWSON, R., J. A. TALENT, X. CHEN, T. SUTTNER, AND D. MATHIESON. In Press 2011. Devonian conodont colouration indices (CAI), NW Xinjiang: hydrocarbon implications.
- MAZZA, M., A. CAU, AND M. RIGO. 2011. Application of numerical cladistic analyses to the Carnian-Norian conodonts: a new approach for phylogenetic interpretations. *Journal of Systematic Paleontology*, accepted.
- MAZZA, M., S. FURIN, C. SPÖTL, AND M. RIGO. 2010. Generic turnovers of Carnian/Norian conodonts: climatic control or competition? *Paleogeography Paleoclimatology Paleoecology*, 290:120-137. ISSN:0031-0182, doi:10.1016-j.palaeo.2009.07.006.
- MAZZA, M., M. RIGO, AND A. NICORA. 2011. A new *Metapolygnathus* platform conodont species and its implications for Upper Carnian global correlations. *Acta Paleontologica Polonica*, 56 (1):121-131.
- MEÇO, S. 2010. Litho-biostratigraphy and the conodonts of Palaeozoic/Triassic deposits in Albania.

- Palaeontographica, Section A: Palaeozoology-Stratigraphy, 290(4-6):131-197.
- METCALFE, I., R. S. NICOLL, R. MUNDIL, Y. AMELIN, M. SCHMITZ, P. R. RENNE, K. GRICE, M. LADEVARDI, R. WILLINK, C. BOREHAM, AND C. FOSTER. 2010. International timescale calibration of the Late Permian-Early Triassic of Australia. Australian Earth Science Convention 2010, Geological Society of Australia Abstracts, 98:134. ISSN: 0729 0022X.
- METCALFE, I., AND N. J. RILEY. 2010. Conodont Colour Alteration pattern in the Carboniferous of the Craven Basin and adjacent areas, northern England. Proceedings of the Yorkshire Geological Society. doi:10.1144-pygs.58.1.265, 58:1-8.
- MIKAMI, T., K. ISHIDA, AND S. SUZUKI. 2006. Occurrence of Triassic conodonts from the meta-bedded chert succession in Wazuka unit, Tamba Terrane of SW Japan. InterRad IX :Radiolarians in stratigraphy & Paleooceanography Circum-Pacific Triassic stratigraphy (hosted IGCP 467), March 19-24 2009, Te Papa museum, Wellington, New Zealand. Abstracts.
- MIKAMI, T., K. ISHIDA, AND S. SUZUKI. 2008. Conodont Biostratigraphy across the Carnian- Norian boundary in the Jifukudani Creek, Tamba Terrane, SE Kyoto, Japan. Stratigraphy, 5(2):163-178.
- MIKAMI, T., K. ISHIDA, S. SUZUKI, AND F. HIRSCH. 2009. Late Triassic (Carnian-Norian) conodont fauna and paleobiogeography inferred from the Tamba Jifukudani and Chihibu Hisaidani sections, SW Japan. Abstract from the 116th Annual Meeting of the Geological Society of Japan:46, The Geological Society of Japan, Tokyo (in Japanese).
- MIKAMI, T., K. MUKAI, N. TOKURA, AND N. IMOTO. 2002. Relationships among quartz crystallinity index, grain size of quartz, and conodont color alteration index of bedded cherts in the Tamba Belt, Southwest Japan. Journal of the Geological Society of Japan, 108:806-812.
- MILLER, J. F., T. L. THOMPSON, AND R. L. ETHINGTON. 2010. Conodonts and other fossils from cores in the resurge breccia at the Weaubleau Impact Structure, St. Clair. County, Missouri. Geological Society of America, Abstracts with Programs, 42(2):50.
- MISSONI, S., M. N. SUDAR, H.-J. GAWLICK, D. JOVANOVIĆ, AND R. LEIN. 2010. Age and evolution of the Wetterstein Carbonate Platform in SW Serbia (Zlatibor Mountain). XIX Congress of the Carpathian-Balkan Geological Association, Thessaloniki, Greece, 23-26 September 2010, Abstract Volume, Geologica Balcanica (Sofia) 39(1-2):258-259.
- MISSONI, S., M. N. SUDAR, H.-J. GAWLICK, D. JOVANOVIĆ, AND R. LEIN. 2010. Evolution of the Wetterstein Carbonate Platform in the Zlatibor Mountain (Sirogojno, SW Serbia). In N. Banjac (ed.), Zbornik radova 15. Kongres geologa Srbije sa međunarodnim učešćem (= Proceedings of the 15th Congress of geologists of Serbia with international participation), Beograd 2010. Abstracts:167.
- MISSONI, S., M. N. SUDAR, H.-J. GAWLICK, D. JOVANOVIĆ, AND R. LEIN. 2010. The Wetterstein Carbonate Platform evolution in the Zlatibor Mountain (Dinarides, Sirogojno, SW Serbia). Pangeo 2010 Abstracts, Journal of Alpine Geology (Wien), 52:184-185.
- MISSONI, S., M. N. SUDAR, H.-J. GAWLICK, D. JOVANOVIĆ, AND R. LEIN. In Press 2011. Onset and demise of the Wetterstein Carbonate Platform in the mélanges areas of the Zlatibor Mountain (Sirogojno, SW Serbia). Facies (Stuttgart).
- MOIX, P., L. BECCALETTO, O. MASSET, H. W. KOZUR, P. DUMITRICĂ, D. VACHARD, R. MARTINI, AND G. M. STAMPFLI. 2010. Geology, correlation and geodynamic evolution of the Mersin mélanges, southern Turkey. Geological Society of America Global Meeting, "Tectonics crossroads: evolving orogens of Eurasia-Africa-Arabia", 4-8 Oktober 2010, Ankara, Turkey.
- MOIX, P., L. BECCALETTO, O. MASSET, H. W. KOZUR, P. DUMITRICĂ, D. VACHARD, R. MARTINI, AND G. M. STAMPFLI. 2011. Geology and correlation of the Mersin Mélanges, southern Turkey. Turkish J. Earth Sci., 20:57-98.
- MOLLOY, P. D., AND A. S. SIMPSON. In Press 2011. An analysis of the Ireviken Event in the Boree Creek Formation, New South Wales, Australia. In J. A. Talent (ed.), Earth and Life: Global Biodiversity, Extinction Intervals and Biogeographic Perturbations through Time. Springer Science, Dordrecht.
- MUNDIL, R., S. DENYSZYN, H. BIN, I. METCALFE, AND Y. XU. 2010. Emeishan volcanism and the end-Guadalupian extinction: New U-Pb TIMS ages. European Geosciences Union General Assembly, Vienna 2010, Geophysical Research Abstracts,12, EGU2010-3796-3.
- MUTTONI, G., D. V. KENT, F. JADOUL, P. E. OLSEN, M. RIGO, M. T. GALLI, AND A. NICORA. 2010. Rhaetian magneto-biostratigraphy from the Southern Alps (Italy): Constraints on Triassic chronology. Paleogeography, Paleoclimatology, Paleoecology, 285:1-16. ISSN:0031-0182, doi:10.1016/j.palaeo.2009.10.014.

NARKIEWICZ, K., AND P. BULTYNCK. 2010. The Upper Givetian (Middle Devonian) *subterminus* Conodont Zone in North America, Europe and north Africa. Journal of Paleontology, 84(4):588-625.

NARKIEWICZ, K., AND M. NARKIEWICZ. 2010. Mid Devonian carbonate platform development in the Holy Cross Mts. (central Poland): new constrains from the conodont *Bipennatus* fauna. Neues Jahrbuch

Geologie und Paläontologie Abh., 255(3):287-300.

NARKIEWICZ, M., K. NARKIEWICZ, P. SZREK, AND G. NIEDŹWIEDZKI. 2010. Depositional environment of dolomites hosting tetrapod footprints from the Middle Devonian of the Holy Cross Mts. (Poland) - preliminary report, p. 635. *In* E. Schwarz, S. Georgieff, E. Piovano, and D. Ariztegui (eds.), Abstracts Volumen 18th International Sedimentological Congress, Mendoza, Argentina.

NEMYROVSKA, T. I. 2009. Mid-Carboniferous boundary conodonts from the Cantabrian Mountains (Palencia, Spain), *Permfiles*, 53. Supplement 1 Abstract:35-36.

NEMYROVSKA, T. I. In Press. Late Moscovian (Carboniferous) conodonts of the genus *Swadelina* from the Donets Basin, Ukraine. *Micropaleontology*.

NEMYROVSKA, T. I., M. MATSUNAGA, AND K. UENO. 2010. Conodont and Fusuline composite biostratigraphy across the Bashkirian/Moscovian boundary in the Donets Basin, Ukraine: the Malo-Nikolaevka section. *Newsletter on Carboniferous Stratigraphy*, 28:60-66.

NESTELL, M. K., AND B. R. WARDLAW. 2010. Introduction - Radiolarians and conodonts of the Guadalupian (Middle Permian) of West Texas: advances in taxonomy and biostratigraphy. *In* M. K. Nestell and B. R. Wardlaw (eds.), Late Guadalupian (Middle Permian) integrated radiolarian and conodont biostratigraphy in West Texas: *Micropaleontology*, 56(1-2):1-5.

NESTELL, M. K., AND B. R. WARDLAW. 2010. *Jinogondolella palmata*, a new Gondolellid conodont species from the Bell Canyon Formation, Middle Permian, West Texas. *In* M. K. Nestell and B. R. Wardlaw (eds.), Late Guadalupian (Middle Permian) integrated radiolarian and conodont biostratigraphy in West Texas: *Micropaleontology*, 56(1-2):185-194.

NESTELL, M. K., AND B. R. WARDLAW. eds. 2010. Late Guadalupian (Middle Permian) integrated radiolarian and conodont biostratigraphy in West Texas, *Micropaleontology*, 56(1-2):263p.

ORCHARD, M. J. 2010. An exceptional conodont succession from the Carnian-Norian boundary of the Western Canada Sedimentary Basin, northeastern British Columbia. *New Developments on Triassic Integrated Stratigraphy*, Sept. 12-16, Palermo, Sicily, Workshop Program and Abstracts:39.

ORCHARD, M. J., AND E. S. CARTER. 2010. The Carnian-Norian boundary in Haida Gwaii: preliminary observations on the conodont faunas and their calibration with radiolarians. *In*, *New Developments on Triassic Integrated Stratigraphy*, Sept. 12-16, Palermo, Sicily, Workshop Program and Abstracts:39.

ORTEGA, G., G. L. ALBANESI, A. BEJERMAN, G. G. VOLDMAN, AND A. L. BANCHIG. 2010. Graptolite and conodont faunas from the Middle-Upper Ordovician Sierra de La Invernada Formation, Central Precordillera of San Juan, Argentina. *Third International Palaeontological Congress (IPC3)*, London, July 2010.

ORTEGA, G., G. L. ALBANESI, G. VOLDMANG, AND A. L. BANCHIG. 2010. Estudio de faunas ordovícicas e implicaciones estratigráficas en la quebrada Vallecito, extremo sur de la sierra de La Invernada, Precordillera de San Juan. *X Congreso Argentino de Paleontología y Bioestratigrafía*, La Plata, Resúmenes:53.

ORTEGA, G., C. KAUFMANN, AND G. L. ALBANESI. 2010. Faunas del Sandbiano tardío (Ordovícico Tardío) en la Formación Los Azules, cerro Viejo de Huaco, Precordillera de San Juan. *Reunión Anual de Comunicaciones de la Asociación Paleontológica Argentina*, Buenos Aires, 25-27 noviembre 2009.

ÖZDEMİR, A., AND M. A. PURNELL. 2009. A new skeletal reconstruction reveals the phylogenetic affinities of the stratigraphically important conodont *Lochriea homopunctatus* (Ziegler). *Abstracts of the Palaeontological Association Annual Meeting*, Abstracts:68.

PAGE, W. R., A. G. HARRIS, AND J. E. REPETSKI. In Press. The Cambrian-Ordovician sequence in Sonora, Mexico, and southern Arizona, U.S.A., southwest margin of North America (Laurentia), p. xx-xx. *In* J. L. Wilson, J. R. Derby, R. Fritz, B. Morgan, M. Elrick, M. Kuykendall, and P. Medlock (eds.), *Cambro-Ordovician Sauk Sequence of Laurentia; The Geology and Petroleum Potential of the Great American Carbonate Bank: American Association of Petroleum Geologists, Memoir XXX*. 34 ms p.

PALINKAŠ, L. A., S. STRMIĆ, T. KOLAR-JURKOVŠEK, AND D. JOVANOVIĆ. 2010. Triassic pillow lavas on the head of the obduction front of the Zlatibor Mt. ophiolite, SW Serbia. *V: CHATZIPETROS, Alexandros (ur.), MELFOS, Vasilios (ur.), MARCHEV, Peter (ur.), LAKOVA, Iskra (ur.)*. Abstracts volume, *Geologica Balcanica*. Sofia: Geological Institute, Bulgarian Academy of Sciences, 39(1/2):286. [COBISS.SI-ID 1806933].

PLA, C., P. PLASENCIA, A. MÁRQUEZ-ALIAGA, AND H. BOTELLA. 2010. Stratigraphic distribution of chondrichthyans and conodonts from the Middle Triassic of the Iberian ranges (Spain). 4th "French" Congress on Stratigraphy, Paris, 30 August - 2 de September, Abstract.

PLASENCIA, P., AND A. MÁRQUEZ-ALIAGA. 2010. Palaeontological implications in conodonts that not permit the group overpass the Triassic-Jurassic extinction event. 8th International Congress on the Jurassic System, Shehong of Suining, Sichuan, August 9-13 2010, Abstract.

- PLASENCIA, P., AND A. MÁRQUEZ-ALIAGA. 2010. Recovery of Conodonts after the Permian extinction. Third International Palaeontological Congress (IPC3), London, 28 June - 3 July 2010, Abstract.
- PLASENCIA, P., A. MÁRQUEZ-ALIAGA, AND F. HIRSCH. 2010. On the Ontogeny and Orientation of the Triassic Conodont P1-element in *Pseudofurnishius murcinanus* Van den Boogaard 1966. *Geobios*, 43(5):547-553.
- PLASENCIA, P., AND C. MARTÍNEZ-PÉREZ. 2010. Functional approach to the Triassic conodont species *Pseudofurnishius murcinanus* Van den Boogaard. Third International Palaeontological Congress (IPC3), London, 28 June - 3 July 2010, Abstract.
- POOLE, F. G., R. AMAYA-MARTINEZ, W. R. PREMO, W. B. N. BERRY, C. A. SANDBERG, J. ROLDAN-QUINTANA, AND S. HERRERÁ-URBINA. 2010. Age and depositional setting of deep-marine Ordovician Río Fuerte and San José de Gracia Formations in northern Sinaloa: Remnants of the early Paleozoic Iapetus Ocean. *Geological Society of America Abstracts with Programs*, 42(5):268.
- PREMO, W. R., F. G. POOLE, AND R. AMAYA-MARTINEZ. 2010. Provenance of detrital zircons in Ordovician Iapetus ocean-basin quartzites in Sonora, Mexico. *Geological Society of America Abstracts with Programs*, 42(5):427-428.
- QI, Y., L. L. LAMBERT, J. E. BARRICK, J. R. GROVES, Z. WANG, K. HU, AND X. WANG. 2010. New interpretation of the conodont succession of the Naqing (Nashui). Section: Candidate GSSP for the base of the Moscovian Stage, Luosu, Luodian, Guizhou, South China. *In* X. Wang, Y. Qi, J. Groves, J. Barrick, T. I. Nemirovskaya, K. Ueno, and Y. Wang (eds.), *Carboniferous Carbonate Succession from Shallow Marine to Slope in Southern Guizhou. Guide Book for Field Excursion of the SCCS Workshop on GSSPs of the Carboniferous System, November 21st-30th, 2010:pp65-77.*
- QI, Y., X. WANG, AND L. L. LAMBERT. 2010. Status report on conodonts from the Bashkirian-Moscovian boundary interval at the Naqing (Nashui) Section, South China. *Newsletter on Carboniferous Stratigraphy. (Subcommission on Carboniferous Stratigraphy, International Union of Geological Sciences)*, 28:47-50.
- REPETSKI, J. E., N. M. RATCLIFFE, G. J. WALSH, P. J. THOMPSON, T. B. THOMPSON, AND A. R. G. HARRIS. 2010. Conodonts - Useful but underused tools for deciphering geology in Vermont [abs.]. *Geological Society of America, Northeast/Southeast joint section meeting for 2010, Baltimore, MD.*
- REPETSKI, J. E., D. J. WEARY, AND R. L. ETHINGTON. 2010. Conodonts and biostratigraphy of the Gunter Sandstone Member of the Gasconade Formation in southern Missouri [abs.]. *Geological Society of America, North-Central/South-Central joint section meeting for 2010, Branson, Missouri.*
- RIGO, M., S. CALLEGARO, C. MASSIMO, M. J. ORCHARD, AND A. MARZOLI. 2010. Sr isotopic shift as a potential global geochemical marker for the base of the Rhaetian Stage. *Third International Palaeontological Congress (IPC3), London, June 28 - July 3, 2010, Programme and Abstracts:329.*
- RIGO, M., AND M. M. JOACHIMSKI. 2010. Palaeoecology of Late Triassic conodonts: Constraints from oxygen isotopes in biogenic apatite. *Acta Paleontologica Polonica*, 55 (3):471-478.
- ROSSCOE, S. J., AND J. D. BADER. 2010. A Comparison of *Idiognathodus* Faunas from the Upper Salesville Shale of North-Central Texas and the Hushpuckney Shale of Oklahoma, Kansas, and Nebraska. *North Central/ South-Central Section Meeting, Geological Society of America. 2010 Abstracts with Programs*, 42(3).
- SACHANSKI, V., M. C. GÖNCÜOĞLU, I. LAKOVA, I. BONCHEVA, AND G. SAYDAM-DEMIRAY. In Press. Silurian Graptolite, Conodont and Cryptospore Biostratigraphy of the Gülüş Section in Ereğli, Zonguldak Terrane, NW Anatolia, Turkey. *Turkish Journal of Earth Sciences*, doi: 10.3906/yer-1004-4. ISSN:1300-0985:<http://journals.tubitak.gov.tr/havuz/yer-1004-1004.pdf>.
- SANCEZ DE POSADA, L. C., AND J. SANZ-LOPEZ. 2010. *Pseudocriboconcha prinsi* gen. et sp. nov. (Ostracoda) from the late Mississippian (Carboniferous) of the Cantabrian Zone (northern Spain). *Scripta Geologica Special Issue*, 7:35-42.
- SANO, H., T. ONOUE, M. J. ORCHARD, AND R. MARTINI. In Press. Early Triassic peritidal carbonate sedimentation on a Panthalassan seamount: The Jesmond succession, Cache Creek Terrane, British Columbia, Canada. *Facies*.
- SANZ-LOPEZ, J., S. BLANCO-FERRERA, AND L. C. S. D. POSADA. 2010. El limite Misisipico/Pensilvanico a partir del contenido en conodontos del estratotipo de la Formacion Barcaliente (Zona Cantabrica). *Resúmenes del III Congreso Iberico de Paleontología, Lisboa, Publicaciones del Seminario de Paleontología de Zaragoza*, 9:289-292.
- SARMIENTO, G. N., J. C. GUTIÉRREZ-MARCO, R. RODRÍGUEZ-CAÑERO, A. MARTÍN ALGARRA, AND P. NAVAS-PAREJO. 2011. A brief summary of Ordovician conodont faunas from the Iberian peninsula. *In* J. C. Gutiérrez-Marco, I. Rábano, and D. García-Bellido (eds.), *Ordovician of the*

- World. Instituto Geológico y Minero de España, Madrid. Cuadernos del Museo Geominero, 14:505-514.
- SAVAGE, N. M., P. LUTAT, A. SARSDUD, P. KÖNIGSHOF, G. RACKI, J. DOPIERALSKA, AND Z. BELKA. 2010. Late Devonian conodonts, sedimentary setting, and isotope geochemistry, northwestern Thailand. 2nd International Conference on Paleontology of S.E. Asia (ICPSEA 2010), Mahasarakham University, Thailand, Abstract.
- SCHEFER, C., D. EGLI, S. MISSONI, D. BERNOULLI, B. FÜGENSCHUH, H.-J. GAWLICK, D. JOVANOVIĆ, L. KRYSZYN, L. LEIN, S. M. SCHMID, AND M. N. SUDAR. 2010. Triassic metasedimentary rocks in the Internal Dinarides (Kopaonik area, southern Serbia): stratigraphy, paleogeographic and tectonic significance. *Geologica Carpathica* (Bratislava), 61(2):89-109.
- SCHMITZ, B., S. M. BERGSTRÖM, AND X. WANG. 2010. The middle Darriwilian (Ordovician) $\delta^{13}\text{C}$ excursion (MDICE) discovered in the Yangtze Platform succession in China: Implications of its first recorded occurrences outside Baltoscandia. *Journal of the Geological Society, London* 167:249-259.
- SCHÖNLAUB, H. P., A. FERRETTI, L. GAGGERO, E. HAMMARLUND, D. A. T. HARPER, K. HISTON, H. PRIEWALDER, C. SPÖTL, AND P. STORCH. 2011. The Late Ordovician glacial event in the Carnic Alps (Austria). In J. C. Gutiérrez-Marco, I. Rábano, and D. García-Bellido (eds.), *Ordovician of the World*. Cuadernos del Museo Geominero, Instituto Geológico y Minero de España, Madrid:515-526.
- SHEN, S. Z., C. Q. CAO, Y. C. ZHANG, W. Z. LI, G. R. SHI, Y. WANG, Y. S. WU, K. UENO, C. M. HENDERSON, X. D. WANG, H. ZHANG, X. J. WANG, AND J. CHEN. 2010. End-Permian mass extinction and palaeoenvironmental changes in Neotethys: Evidence from an oceanic carbonate section in southwestern Tibet. *Global and Planetary Change*, 73(1-2):3-14.
- SHEN, S. Z., C. M. HENDERSON, S. A. BOWRING, C. Q. CAO, Y. WANG, W. WANG, H. ZHANG, Y. C. ZHANG, AND L. MU. 2010. High-resolution Lopingian (Late Permian) timescale of South China. *Geological Journal*, 45(2-3):122-134.
- SHEN, S. Z., AND S. L. MEI. 2010. Lopingian (Late Permian) high-resolution conodont biostratigraphy in Iran with comparison to South China zonation. *Geological Journal*, 45(2-3):135-161.
- SKEMA, V., N. FEDORKO, AND J. E. REPETSKI. 2011. The Washington Coal complex of the Dunkard Group - the last of the Carboniferous thick coals in the Appalachians [abs.]. Geological Society of America, Northeastern and North-Central sections joint meeting for 2011.
- SLAVÍK, L. 2010. The effect of the late Ludfordian Lau Event on the conodont Faunas from Bohemia. Third International Palaeontological Congress (IPC3), International Palaeontological Association, London, June 28 - July 3, Programme and Abstracts:356.
- SLAVÍK, L. In Press 2011. *Lanea carlsi* conodont apparatus reconstruction and its significance for subdivision of the Lochkovian. *Acta Palaeontologica Polonica*
- SLAVÍK, L., J. KŘIŽ, AND P. CARLS. 2010. Reflection of the mid-Ludfordian Lau Event in conodont faunas of Bohemia. *Bulletin of Geosciences* 85(3):395-414.
- SONE, M., I. METCALFE, AND M. S. LEMAN. 2010. Search for the Permian-Triassic boundary in Peninsular Malaysia: Candidates for the national geological heritage. Proceedings 6th Symposium of the International Geological Correlation Programme (IGCP) Project 516-Geological Anatomy of East and South Asia:109-110, Kuala Lumpur, University of Malaya, ISBN 978-983-44296-9-0.
- SOUTHWORTH, S., D. K. BREZINSKI, R. C. ORNDORFF, J. E. REPETSKI, M. W. CARTER, AND L. KOOZMIN. 2010. Geologic transects of national parks: the Chesapeake and Ohio Canal National Historical Park as a template for the Blue Ridge Parkway and Appalachian National Scenic Trail [abs.]. Geological Society of America, Annual Meeting for 2010.
- SPALLETTA, C., C. CORRADINI, S. KAISER, H. MATYJA, D. J. OVER, AND M. C. PERRI. 2011. Methods in taxonomy and biostratigraphy, and some note on chronostratigraphy: the Devonian-Carboniferous Boundary. *SDS Newsletter*, 26:30-33.
- ŠTORCH, P., L. SLAVÍK, Š. MANDA, AND J. FRÝDA. 2010. Late Ludlow Kozłowskii Event in Bohemia: graptolite record combined with conodont, sedimentary and carbon isotope data. Third International Palaeontological Congress (IPC3), International Palaeontological Association, London, June 28 - July 3, Programme and Abstracts:366.
- STRMIĆ, S., L. A. PALINKAŠ, T. KOLAR-JURKOVŠEK, AND H. HRVATOVIĆ. 2010. Thermal processes in Triassic SEDEX ore deposit Vareš and adjacent pile of pillow lavas, Central Bosnia and Herzegovina. V: CHATZIPETROS, Alexandros (ur.), MELFOS, Vasilios (ur.), MARCHEV, Peter (ur.), LAKOVA, Iskra (ur.). Abstracts volume, *Geologica Balcanica*. Sofia: Geological Institute, Bulgarian Academy of Sciences, 39(1/2):377-378. [COBISS.SI-ID 1807445]
- SUDAR, M., T. KOLAR-JURKOVŠEK, D. JOVANOVIĆ, G. P. NESTELL, AND S. CRASQUIN-SOLEAU. 2010. Permian - Triassic boundary interval of NW Serbia: new micropaleontological data from the Komirić section. V: MARAN, Aleksandra (ur.), SAVIĆ, Ljubinko (ur.), CUKAVAC, Milena (ur.), GANIĆ, Meri (ur.), BANJAC, Nenad (ur.). *Zbornik radova 15. kongresa geologa Srbije sa međunarodnim učešćem*, 2010, Beograd, 26-29 Maj 2010. Beograd: Srpsko geološko društvo = Belgrade: Serbian

- Geological Society-Proceedings of the 15th Congress of geologists of Serbia with international participation, Abstract:164. [COBISS.SI-ID 1767509]
- SUDAR, M. N., H.-J. GAWLICK, S. MISSONI, H. SUZUKI, D. JOVANOVIĆ, AND R. LEIN. 2010. The carbonate-clastic radiolaritic mélange of Pavlovica Cuprija: a key to solve the palaeogeography of the Hallstatt Limestone in the Zlatar Mountain (SW Serbia). *Pangeo 2010 Extended Abstracts, Journal of Alpine Geology (Wien)*, 52(53-57).
- SUN, Y. D., X. L. LAI, P. B. WIGNALL, M. WIDDOWSON, J. R. ALI, H. S. JIANG, W. WANG, C. B. YAN, D. P. G. BOND, AND S. VÉDRINE. 2010. Dating the onset and nature of the Middle Permian Emeishan large igneous province eruptions in SW China using conodont biostratigraphy and its bearing on mantle plume uplift models. *Lithos*, 119:20-33.
- SUTTNER, T. J. 2010. What are conodonts? *Jahrestagung von NOBIS Austria, Graz 2010, Abstracts*:45.
- T**AKAHASHI, S., K. KAIHO, M. OBA, AND T. KAKEGAWA. 2010. A smooth negative shift of organic-carbon isotope ratios at an end-Permian mass extinction horizon in central pelagic Panthalassa. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 292:532-539.
- TAKAHASHI, S., M. OBA, K. KAIHO, S. YAMAKITA, AND S. SAKATA. 2009. Panthalassic oceanic anoxia at the end of the Early Triassic: a cause of delay in the recovery of life after the end-Permian mass extinction. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 274:185-195.
- TAKAHASHI, S., S. YAMAKITA, N. SUZUKI, K. KAIHO, AND M. EHIRO. 2009. High organic carbon content and a decrease in radiolarians at the end of the Permian in a newly discovered continuous pelagic section: a coincidence? *Palaeogeography, Palaeoclimatology, Palaeoecology*, 271:1-12.
- TALENT, J. A. 2011. Peter Molloy (1943-2011). *Pander Society, Newsletter*, 43: this issue.
- TALENT, J. A. eds. In Press 2011. *Earth and Life: Global Biodiversity, Extinction Intervals and Biogeographic Perturbations through Time*. Springer Science, Dordrecht.
- TARABUKIN, V. P. 2009. Conodonts important stratigraphy data from xenolite kimberlite pipes / 200 year Paleontology, PIN RAS. P. 134.
- TAYLOR, J. F., D. K. BREZINSKI, J. E. REPETSKI, AND N. M. WELSH. 2009. The Adamstown Submergence Event: faunal and sedimentological record of a Late Cambrian transgression in the Appalachian region. *Memoirs of the Association of Australasian Palaeontologists*, 37:641-667.
- TAYLOR, J. F., J. E. REPETSKI, J. D. LOCH, AND S. A. LESLIE. In Press. Biostratigraphy and chronostratigraphy of the Cambrian-Ordovician Great American Carbonate Bank. *In* J. L. Wilson, Derby, J.R., Fritz, R., Morgan, B., Elrick, M., Kuykendall, M., and Medlock, P. (ed.), *Cambro-Ordovician Sauk Sequence of Laurentia; The Geology and Petroleum Potential of the Great American Carbonate Bank: American Association of Petroleum Geologists, Memoir*. 55 ms p.
- TERFELT, F., G. BAGNOLI, AND S. STOUGE. 2011. The base of the Ordovician System - a horizon in limbo. *In* J. C. Gutiérrez-Marco, I. Rábano, and D. Garcia-Bellido (eds.), *Ordovician of the World. Cuadernos del Museo Geominero*. 14:587 Abstracts, Instituto Geológico y Minero de España, Madrid.
- TERFELT, F., G. BAGNOLI, AND S. STOUGE. 2011. The Cambrian-Ordovician global boundary: an anachronistic point in time. *In* J. S. Hollingsworth, F. A. Sundberg, and J. R. Foster (eds.), *Cambrian Stratigraphy and Paleontology of Northern Arizona and southern Nevada. Museum of Northern Arizona Bulletin*, 67:308-309, Abstracts
- TERFELT, F., G. BAGNOLI, AND S. STOUGE. In Press. Re-evaluation of the conodont *Iapetognathus* and implications for the base of the Ordovician GSSP, *Lethaia*:11 pp.
- TILL, A. B., J. A. DUMOULIN, M. B. WERDON, AND H. A. BLEICK. In Press. Bedrock geologic map of Seward Peninsula, Alaska, and accompanying conodont data, U.S. Geological Survey Open-File Report 2009-1254, 2 sheets, scale 1:500,000, 47 p., including appendix with biostratigraphic data, entitled: Dumoulin, J.A., Harris, A.G., and Repetski, J.E., Conodont data from the Seward Peninsula (Explanatory text and 2 tables)
- TINTORI, A., A. FERRETTI, AND A. NEGRI. 2010. Black and white colour in sediments: a Jurassic switch? *Third International Palaeontological Congress (IPC3), London 2010 (June 28-July 3)*, Abstracts:377.
- TODESCO, R., A. FERRETTI, AND H. P. SCHÖNLAUB. In Press 2011. Life in colour. The Silurian of the Valentintörl Section (Carnic Alps, Austria). *Epitome, Geoitalia 2011, Abstracts*
- TURNAU, E., AND K. NARKIEWICZ. In Press. Biostratigraphical correlation of spore and conodont zonations within Givetian and ? Frasnian of the Lublin area (SE Poland). *Review of Palaeobotany and Palynology*.
- TURNER, S., C. J. BURROW, H.-P. SCHULZE, A. BLIECK, W.-E. REIF, C. B. REXROAD, P. BULTYNCK, AND G. S. NOWLAN. 2010. False Teeth: conodont - vertebrate phylogenetic relationships revisited. *Geodiversitas*, 32:545-594.

- VALENZUELA-RÍOS, J. I., AND J.-C. LIAO. 2010. Conodont biofacies and palaeoenvironment: a case study for the Middle and Upper Devonian of the Spanish Central Pyrenees. Third International Palaeontological Congress (IPC3), London, June-28th-July 3rd 2010, Programme and Abstracts:387.
- VALENZUELA-RÍOS, J. I., AND J.-C. LIAO. 2010. Potential of Pyrenean Devonian sections as standard of referente for Stage and Substage subdivisions and correlations, p. 251-252. *In* M. A. Lamolda, et al. (ed.), *Geoevents, Geological Heritage and the Role of the IGCP*, Caravaca 15th-18th September, 2010. Ayuntamiento de Caravaca de la Cruz. Spain.
- VALENZUELA-RÍOS, J. I., J.-C. LIAO, AND C. MARTÍNEZ-PÉREZ. 2010. Lower Devonian Geoevents in the Spanish Central Pyrenees, p. 189-190. *In* M. A. Lamolda, et al. (ed.), *Geoevents, Geological Heritage and the Role of the IGCP*, Caravaca 15th-18th September, 2010. Ayuntamiento de Caravaca de la Cruz. Spain.
- VALENZUELA-RÍOS, J. I., AND C. MARTÍNEZ-PÉREZ. 2010. Pyrenean conodonts as a relevant tool for evaluating the Pragian/Emsian (Lower Devonian) Boundary Concepts. Third International Palaeontological Congress (IPC3), London, June-28th-July 3rd 2010, Programme and Abstracts:388.
- VANDELLI, A., D. VACHARD, R. MARTINI, H. W. KOZUR, P. MOIX, AND G. M. STAMPFLI. 2010. New paleontological and geochemical results from Pindos remnants in southern Crete. *Geophysical Research Abstracts*, 12, EGU2010-13666.
- VOLDMAN, G. G., G. L. ALBANESI, AND V. A. RAMOS. 2010. Burial history and tectonothermal evolution of the Cuyania terrane (Argentine Precordillera) as revealed by Conodont Color Alteration data. 2010 GSA Denver Annual Meeting, Denver 31 October -3 November 2010, Paper 216-4.
- VOLDMAN, G. G., G. L. ALBANESI, AND V. A. RAMOS. 2010. Conodont geothermometry of the lower Paleozoic from the Precordillera (Cuyania terrane), northwestern Argentina. *Journal of South American Earth Sciences*, 29(2):278-288.
- VOLDMAN, G. G., G. L. ALBANESI, AND V. A. RAMOS. 2010. Consideraciones sobre historia geotectónica de la Precordillera Argentina a partir del Índice de Alteración del Color de conodontes del Paleozoico inferior. X Congreso Argentino de Paleontología y Bioestratigrafía, La Plata, Resúmenes:57.
- VOLDMAN, G. G., R. A. BUSTOS-MARÚN, AND G. L. ALBANESI. 2010. Calculation of the conodont Color Alteration Index (CAI) for complex thermal histories. *International Journal of Coal Geology* Elsevier, 82:45-50.
- WANG, C.-Y., AND R. J. ALDRIDGE. 2010. Silurian conodonts from the Yangtze Platform, South China. *Special Papers in Palaeontology*, 83:1-136.
- WARDLAW, B. R. 2010. Paleontologic database for the Alpine 1:100,000 quadrangle. U.S. Geological Survey Open-File Report.
- WARDLAW, B. R., AND M. K. NESTELL. 2010. Latest Middle Permian conodonts from the Apache Mountains. *In* M. K. Nestell and B. R. Wardlaw (eds.), *Late Guadalupian (Middle Permian) integrated radiolarian and conodont biostratigraphy in West Texas: Micropaleontology*, 56(1-2):149-183.
- WARDLAW, B. R., AND M. K. NESTELL. 2010. Three *Jinogondolella* apparatuses from a single bed of the Bell Canyon Formation, Apache Mountains, West Texas. *In* M. K. Nestell and B. R. Wardlaw (eds.), *Late Guadalupian (Middle Permian) integrated radiolarian and conodont biostratigraphy in West Texas: Micropaleontology*, 56(1-2):195-212.
- WEARY, D. J., R. W. HARRISON, R. C. ORNDORFF, J. E. AND REPETSKI, AND H. PIERCE. 2010. A decade of U.S. Geological Survey mapping in the Ozark National Scenic Riverways area, southeastern Missouri [abs.]. Geological Society of America, North-Central/South-Central joint section meeting for 2010, Branson, Missouri:xx.
- WENDT, J., B. KAUFMANN, Z. BELKA, AND D. KORN. 2010. Carboniferous stratigraphy and depositional environments in the Ahnet Mouydir area (Algerian Sahara). Reply to the discussion by Legrand-Blain et al. (doi: 10.1007/s10347-010-0214-4). *Facies*, doi:10.1007/s10347-010-0215-3.
- WEYANT†, M., P. BULTYNCK, Y. PLUSQUELLEC, AND P. R. RACHEBOEUF. 2010. Reassessment of Lochkovian - Pragian conodont faunas from the Rade de Brest and the Presqu'île de Crozon (Massif Armoricaïn, France). *Neues Jahrbuch Geologie und Paläontologie Abhandlungen*, 258(1):73-88.
- WHEELEY, J. R., M. P. SMITH, AND I. BOOMER. 2010. Assessing the utility of ion microprobe analyses of conodont isotopes for ancient ocean palaeothermometry. Geological Society of America Annual Meeting, Denver, Colorado, 42(5):514. Abstracts with Programs.
- WHEELEY, J. R., M. P. SMITH, AND I. BOOMER. 2010. Conodonts as palaeothermometers in ancient oceans: tests and limitations. Third International Palaeontological Congress. Symposium: The Micropalaeontological Record of Global Change, London, Programme and Abstracts:409.
- WHEELEY, J. R., M. P. SMITH, AND I. BOOMER. 2010. NERC Scientific Facilities and Technology Ion Microprobe Facility. University of Edinburgh. Annual Science Report:53-54.
- WU, R., S. STOUGE, R. LI, AND Z. WANG. 2010. Lower and Middle Ordovician conodont diversity of

the Yichang Region, Hubei Province, central China, doi:10.3140/bull.geosci. 1 188.
 WU, R. C., I. G. PERCIVAL, AND R. B. ZHAN. 2010. Biodiversification of Early-Mid Ordovician conodonts from the Zitai Formation of Anhui Province, East China. *Alcheringa* 34:75-86.

ZHANG, S. 2010. When was maximum transgression on Laurentia during Late Ordovician? New evidence from Slave Craton and Hudson Bay Basin. *GeoCanada 2010*, Abstract.

ZHEN, Y. Y., C. F. BURRETT, I. G. PERCIVAL, AND B. Y. LIN. 2010. Late Ordovician conodont fauna from the Lower Limestone Member of the Benjamin Limestone in central Tasmania, and revision of *Tasmanognathus careyi* Burrett, 1979. *Proceedings of the Linnean Society of New South Wales*, 131:43-75.

ZHURAVLEV, A. V. 2010. Biostratigraphical analysis of the conodont associations of the upper part of the Ust'-Parnok Formation (Famennian-Tournaisian of Polar Urals). *Bulletin MOIP, Geol.*, 85(4):28-34. (in Russian, English abstract).

ZHURAVLEV, A. V. 2010. New Hengurse Formation of the Upper Devonian of South-Western slope of Central Pay-Khoy. *Nftegazovaa geologia. Teoria i praktika (RUS)*, 5 (2), 0421000064\0020 (in Russian, English abstract). http://www.ngtp.ru/rub/2/20_2010.pdf

ZONNEVELD, J. P., T. W. BEATTY, K. H. WILLIFORD, M. J. ORCHARD, AND C. R. MCROBERTS. 2010. Stratigraphy and Sedimentology of the lower Black Bear Ridge section, British Columbia: candidate for the base-Norian GSSP. *Stratigraphy*, 7:61-82.

ZONNEVELD, J.-P., M. J. ORCHARD, T. W. BEATTY, C. A. MCROBERTS, AND K. H. WILLIFORD. 2010. Stratigraphic architecture of Upper Triassic strata in the Williston Lake area, northeastern British Columbia: Implications for the Carnian-Norian GSSP. *New Developments on Triassic Integrated Stratigraphy*, Sept. 12-16, Palermo, Sicily, Workshop Program and Abstracts:49-50.

Electronic and Digital Availability Conodont Bibliography

While a number of you continue/have begun to privately distribute your publications electronically as pdf files, others have in the last few years provided digital object identifier (doi) codes, or other digital means of accessing your publications.

ALBANESI, G. L., AND F. E. PACHECO. 2010. Conodont Biostratigraphy and Paleoenvironments of the Cardonal Formation (Cambrian-Ordovician) from the Cajas Range, Cordillera Oriental, Northwestern Argentina and Paleobiogeographic Interpretation. *GeoCanada*, Calgary. <http://www.geocanada2010.ca/>.

ALJINOVIĆ, D., T. KOLAR-JURKOVŠEK, B. JURKOVŠEK, AND H. HRVATOVIĆ. 2010. Characteristics of some Middle Triassic volcanoclastic rocks in the External Dinarides (Croatia and Bosnia and Herzegovina) = Karakteristike nekih srednjotriaskih vulkanoklastičnih stijena Vanjskih Dinarida (Hrvatska i Bosna i Hercegovina). V: PETROVIĆ, Marija (ur.). 4. Hrvatski geoloski kongres s međunarodim sudjelovanjem = 4. Croatian geological Congress with international participation, Šibenik 14.-15.10.2010. Knjiga sažetaka. Zagreb: Hrvatsko geološko društvo: = Croatian Geological Society, 2010, Abstract:6-7. [COBISS.SI-ID 1817429].

ALJINOVIĆ, D., T. KOLAR-JURKOVŠEK, B. JURKOVŠEK, AND H. HRVATOVIĆ. 2010. Conodont dating of the Lower Triassic - Scythian sedimentary rocks in the External Dinarides (Croatia and Bosnia and Herzegovina) = Datiranje konodontima donjotriaskih - skitskih stijena u Vanjskim Dinaridima (Hrvatska i Bosna i Hercegovina). V: PETROVIĆ, Marija (ur.). 4. Hrvatski geoloski kongres s međunarodim sudjelovanjem = 4. Croatian geological Congress with international participation, Šibenik 14.-15.10.2010. Knjiga sažetaka. Zagreb: Hrvatsko geološko društvo: = Croatian Geological Society, 2010, Abstract:43. [COBISS.SI-ID 1817685].

ALJINOVIĆ, D., T. KOLAR-JURKOVŠEK, B. JURKOVŠEK, AND H. HRVATOVIĆ. 2010. Petrographic characteristics of some Middle Triassic volcanic nad volcanoclastic rocks in the External Dinarides (Croatia and Bosnia and Herzegovina). V: CHATZIPETROS, Alexandros (ur.), MELFOS, Vasilios (ur.), MARCHEV, Peter (ur.), LAKOVA, Iskra (ur.), Abstracts volume, *Geologica Balcanica*, 39(1/2):24-25. Sofia: Geological Institute, Bulgarian Academy of Sciences. [COBISS.SI-ID 1805653].

BITNER, M. A., B. JURKOVŠEK, AND T. KOLAR-JURKOVŠEK. 2010. New record of the inarticulate brachiopod genus *Discinisca* from the Upper Triassic (Carnian) of the Julian Alps, NW Slovenia. *Neues Jahrb. Geol. Paläontol. Abh.*, 257(3):367-372. Doi:310.1127/0077-7749/2010/0073. [COBISS.SI-ID 1777749].

CRASQUIN-SOLEAU, S., M. SUDAR, D. JOVANOVIĆ, AND T. KOLAR-JURKOVŠEK. 2010. Upper Permian ostracode assemblage from the Jadar Block (Vardar Zone, NW Serbia). *Geološki anali Balkanskoga poluostrva (Beograd)*, 71:23-35. [COBISS.SI-ID 1853525].

DOCTOR, D. H., R. C. ORNDORFF, R. A. PARKER, D. J. WEARY, AND J. E. REPETSKI. 2010.

Geologic map of the White Hall quadrangle, Frederick County, Virginia, and Berkeley County, West Virginia. U.S. Geological Survey Open-File Report 2010-1265, 1 pl., scale 1:24,000, Available only at <http://pubs.usgs.gov/of/2010/1265>.

HITIJ, T., A. TINTORI, J. ŽALOHAR, S. RENESTO, B. CELARC, M. KRIŽNAR, AND T. KOLAR-JURKOVŠEK. 2010. New fossil sites with Triassic vertebrate fauna from the Kamnik-Savinja Alps, Slovenia. V: Program and abstract. Peking = Beijing: Geological Museum and Department of Geology: School of Earth and Space Sciences, Peking University: Key Laboratory of Evolutionary Systematics of Vertebrates, Chinese Academy of Sciences, [2010]:42-46, ilustr., zvd. <http://marinereptile.org/wp-content/uploads/2010/2009/Abstract-Program.pdf>. [COBISS.SI-ID 882677].

KOLAR-JURKOVŠEK, T., AND B. JURKOVŠEK. 2010. Carnian Pluvial Event in the Mežica area, Karavanke Mts., Slovenia. V: CHATZIPETROS, Alexandros (ur.), MELFOS, Vasilios (ur.), MARCHEV, Peter (ur.), LAKOVA, Iskra (ur.). Abstracts volume, *Geologica Balcanica*. Sofia: Geological Institute, Bulgarian Academy of Sciences, 39(1/2):197. [COBISS.SI-ID 1806421].

KOLAR-JURKOVŠEK, T., AND B. JURKOVŠEK. [Print ed.], 2010. New paleontological evidence of the Carnian strata in the Mežica area (Karavanke Mts, Slovenia): conodont data for the Carnian pluvial event. *Palaeogeogr. Palaeoclimatol. Palaeoecol.*, 290(1/4):81-88. Doi:10.1016/j.palaeo.2009.1006.1015. [COBISS.SI-ID 1719125], tipologija 1.08 -> 1.01

KOLAR-JURKOVŠEK, T., B. JURKOVŠEK, AND D. ALJINOVIĆ. 2010. Definition of the Permian-Triassic boundary in Western Slovenia = Definicija granice perm-trijas u zapadnoj Sloveniji. V: PETROVIĆ, Marija (ur.). 4. Hrvatski geoloski kongres s međunarodim sudjelovanjem = 4. Croatian geological Congress with international participation, Šibenik 14.-15.10.2010. Knjiga sažetaka. Zagreb: Hrvatsko geološko društvo: = Croatian Geological Society, 2010, Abstract:77. [COBISS.SI-ID 1818197].

KOLAR-JURKOVŠEK, T., B. JURKOVŠEK, AND S. G. LUCAS. 2010. Fosilna dvoživka iz spodnjetriasnih plasti Julijskih Alp. V: KOŠIR, Adrijan (ur.), HORVAT, Aleksander (ur.), ZUPAN HAJNA, Nadja (ur.), OTONIČAR, Bojan (ur.). 3. Slovenski geološki kongres, Bovec, 16.-18. september 2010. Povzetki in ekskurzije. Postojna: Znanstvenoraziskovalni center SAZU, Inštitut za raziskovanje kraja; Ljubljana: Paleontološki inštitut Ivana Rakovca, 2010, Abstract:26. [COBISS.SI-ID 1795157].

KOLAR-JURKOVŠEK, T., S. G. LUCAS, AND B. JURKOVŠEK. 2010. Lower Triassic of the Julian Alps: first record of a fossil amphibian in Slovenia. IGCP 572 Annual Meeting and Field Workshop, Oman, 20-26 February 2010, Abstracts. Oman: GUtech, 2010, f. [18]. [COBISS.SI-ID 1733973].

PALINKAŠ, L. A., S. STRMIĆ, T. KOLAR-JURKOVŠEK, AND D. JOVANOVIĆ. 2010. Triassic pillow lavas on the head of the obduction front of the Zlatibor Mt. ophiolite, SW Serbia. V: CHATZIPETROS, Alexandros (ur.), MELFOS, Vasilios (ur.), MARCHEV, Peter (ur.), LAKOVA, Iskra (ur.). Abstracts volume, *Geologica Balcanica*. Sofia: Geological Institute, Bulgarian Academy of Sciences, 39(1/2):286. [COBISS.SI-ID 1806933].

SACHANSKI, V., M. C. GÖNCÜOĞLU, I. LAKOVA, I. BONCHEVA, AND G. SAYDAM-DEMIRAY. In Press. Silurian Graptolite, Conodont and Cryptospore Biostratigraphy of the Güllüç Section in Ereğli, Zonguldak Terrane, NW Anatolia, Turkey. *Turkish Journal of Earth Sciences*, Doi:10.3906/yer-1004-4. ISSN:1300-0985:<http://journals.tubitak.gov.tr/havuz/yer-1004-1004.pdf>.

STRMIĆ, S., L. A. PALINKAŠ, T. KOLAR-JURKOVŠEK, AND H. HRVATOVIĆ. 2010. Thermal processes in Triassic SEDEX ore deposit Vareš and adjacent pile of pillow lavas, Central Bosnia and Herzegovina. V: CHATZIPETROS, Alexandros (ur.), MELFOS, Vasilios (ur.), MARCHEV, Peter (ur.), LAKOVA, Iskra (ur.). Abstracts volume, *Geologica Balcanica*. Sofia: Geological Institute, Bulgarian Academy of Sciences, 39(1/2):377-378. [COBISS.SI-ID 1807445].

SUDAR, M., T. KOLAR-JURKOVŠEK, D. JOVANOVIĆ, G. P. NESTELL, AND S. CRASQUIN-SOLEAU. 2010. Permian - Triassic boundary interval of NW Serbia: new micropaleontological data from the Komirić section. V: MARAN, Aleksandra (ur.), SAVIĆ, Ljubinko (ur.), CUKAVAC, Milena (ur.), GANIĆ, Meri (ur.), BANJAC, Nenad (ur.). Zbornik radova 15. kongresa geologa Srbije sa međunarodnim učešćem, 2010, Beograd, 26-29 Maj 2010. Beograd: Srpsko geološko društvo = Belgrade: Serbian Geological Society-Proceedings of the 15th Congress of geologists of Serbia with international participation, Abstract:164. [COBISS.SI-ID 1767509].

ZHURAVLEV, A. V. 2010. New Hengurse Formation of the Upper Devonian of South-Western slope of Central Pay-Khoy. *Nftegazovaa geologia. Teoria i praktika (RUS)*, 5 (2), 0421000064/0020 (in Russian, English abstract). http://www.ngtp.ru/rub/2/20_2010.pdf.

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