



2006 Meeting Report Form Re: UNESCO-IUGS Contract and IUGS Supplementary Contribution

Project Number and Title: **467, Triassic Time and trans-Panthalassan Correlations**

MEETING: First International Conodont Symposium (ICOS1)

Date: 16-21 July, 2006

Place: Leicester, England

Itinerary: 1 day symposium sponsored by IGCP 467, plus 1 day workshop (19-20 July).

SCOPE AND RESULTS OF MEETING:

Scope of Meeting (program or outline of geological study)

The first International Conodont Symposium (ICOS1) included a symposium on *Triassic Conodonts: Taxonomy and Time Scales* that attracted about 15 talks and posters. A one day workshop was devoted to boundary discussions amongst a small group of Triassic researchers who reviewed the 5 stage boundaries in need of formal definition.

Achievements of Meeting

The meeting afforded an excellent opportunity for conodont researchers focussed on Triassic biochronology to present their latest research data and exchange ideas and views on the evolving time scale. Consensus was reached amongst those present for the most suitable conodont indices for the base Olenekian (*N. waageni* s.l.), base Anisian (*C. timorensis*), base Norian (*E. quadrata*), and base Rhaetian (*M. posthernsteini*). It was agreed that a thorough description of *C. timorensis* was needed ahead of formal proposal, and that the new suggested position of the base Norian needed to be viewed against other fossil indices and physical features. The base Carnian continued to pose problems centred on definitions of the *M. polygnathiformis* group, which needs revision.

Outcome of Meeting

Agreements reached were communicated to other interested parties within the Triassic community for discussion. The suggestion for the base Olenekian is being compared with the major ammonoid changes that are being worked out in India and China. A multi-authored ms. on *C. timorensis* has been completed and is presently under review. Studies of the base Carnian are now focussed on the *polygnathiformis* group.

Signature of Project Leader and Date

M. J. Orchard
October 10th, 2006.