

# IGCP 467 activities at InterRad 11 & IGCP467

Meeting of IGCP 467 held as part of 'InterRad 11 & IGCP 467', Te Papa, Wellington, New Zealand, 19-24 March, 2006.

Forty five (45) papers and posters were presented on Triassic topics.

Pre-, mid- and post-conference excursions all involved Triassic rocks.

IGCP 467 objectives of excursions are listed below:

## **Trip 1: five-day pre-conference excursion; 12-19 March; Northland**

- Visit to Arrow Rocks, Whangaroa Bay, Northland. Permian-Triassic boundary section within classic 'oceanic plate stratigraphy'. The section is well-exposed and well-documented. It is within Waipapa Terrane and includes about 150 metres of cherts, siliceous argillites, black shales and tuffs of Induan to Anisian age, with radiolarian and conodont successions.

## **Trip 1B: two-day pre-conference excursion; 17-19 March; southwest Auckland**

- Visit to the Marokopa-Kiritehere-Awakino coast southwest of Auckland, all within the Murihiku Terrane.
- Visit the type section of the Warepan Stage (Middle-Late Norian).
- Examine a Triassic-Jurassic boundary section in the Awakino Gorge.

## **Trip 2: one-day mid-conference excursion; March 23; Wellington**

- Visit Red Rocks Point on the Cook Strait coast near Wellington city.
- Examine Norian clastic greywacke with enclave of Late Permian chert associated with metabasalt and Norian coloured argillite. Within the Rakaia Terrane.

## **Trip 4: five-day post-conference excursion; 24-29 March; Southland**

- Visit New Zealand Triassic stratotypes of the Malakovian, Etalian, Kaihikuan, Oretian, Otamitan, and Otapirian stages, all within Murihiku Supergroup, Murihiku Terrane.
- Become familiar with three Triassic terranes: Rakaia, Dun Mountain – Maitai, Murihiku; and also the Median Batholith (Triassic in part)
- Visit the Kaka Point-Nugget Point-Roaring Bay coastal section with Nelsonian-Kaihikuan (Induan-Ladinian) sequence in Dun Mountain – Maitai Terrane, and Kaihikuan-Otapirian (Ladinian-Rhaetian) sequence in Murihiku Terrane.
- Visit selected Triassic fossil localities relevant to invertebrates, vertebrates, plants, palynomorphs and radiolarians
- Visit a Permian-Triassic boundary sequence (Dun Mountain –Maitai Terrane)
- Visit a Triassic-Jurassic boundary sequence (Murihiku Terrane)
- See the Hillfoot Fault, the Dun Mountain-Maitai – Murihiku terrane boundary
- See the Letham Ridge Thrust, the Brook Street – Murihiku terrane boundary
- Visit the Department of Geology, University of Otago, Dunedin.

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