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7th Biennial Conference of the Palaeontological Society of South Africa 6th-9th September 1992 Programme

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7th BIENNIAL CONFERENCE OF THE PALAEONTOLOGICAL SOCIETY OF SOUTH AFRICA
6th — 9th SEPTEMBER 1992

PROGRAMME

Monday 7 September

Morning Session

CHAIRMAN: DR B S RUBIDGE

Opening
Professor J P F Sellschop

Presidential Address

Dr J vd Heever — Palaeontology at the close of the twentieth century: reflections and directions.

Keynote Address

Dr D Norman — Dinosaurs and the evolution of herbivory.

CHAIRMAN: DR C K BRAIN

Dr F Schrenk — The Hominid Corridor of S. E. Africa.

Dr A W Keyser — The Development of Gladysvale Cave.

Mr L Berger — The Palaeontology of the Gladysvale Caves Site.

Prof J Kieser & Dr J F Thackeray — Body size and carnassial length in modern and fossil carnivores.

Dr H B S Cooke — Undescribed suid remains from Bolt's Farm and other Transvaal cave deposits.

Dr D M Avery — The Environment of early hominids as indicated by micromammals.

Afternoon Session

CHAIRMAN: DR J F THACKERAY

Dr J Masters & Dr R J Rayner — Palaeobiogeography and the riddle of the Malagasy lemurs.

Dr H B S Cooke — Fossil proboscidean remains from Bolt's Farm and other Transvaal cave breccias.

Dr J F Thackeray & Prof J Kieser — Shape of the dental arcade of *Homo sapiens*.

Dr J McKee — The age of the Taung hominid fossil deposits: faunal and geological perspectives.

Dr R Clarke — Taphonomy and the Taung child.

CHAIRMAN: DR H B S COOKE

Dr J Lee-Thorp — Food webs and palaeoenvironments at Swartkranz from stable carbon isotope ratios of fossil fauna.

Dr E Harley — DNA analysis of modern and ancient materials.

Dr V Watson — Glimpses from Gondolin.

Mr J Brink — The fossil history of the black wildebeest *Connochaetes gnou* in southern Africa.

Dr J Deacon — Palaeontology and the National Monuments Council.

Tuesday 8 Sept

Morning Session

CHAIRMAN: DR M A CLUVER

Dr R J Rayner & Dr J Masters — Putting the genetics back into phylogenetic species.

Dr G King — Species longevity and diversity in dicynodont mammal – like reptiles.

Dr J F Durand & Dr J F Thackeray — Another look at South African species of *Lystrosaurus*.

Dr A Chinsamy & Dr B S Rubidge — Dicynodont (Therapsida) bone histology: phylogenetic and physiological implications.

Ms H Fourie — Internal cranial morphology of *Emydops*.

Dr J vd Heever — A second specimen of *Herpetogale*? (Therapsida : Amniota)

CHAIRMAN – DR C S MACRAE

Dr B S Rubidge — The most primitive therapsid fauna – South Africa or Russia?

Dr A Warren — The last, last labyrinthodont?

Dr M A Raath — Triassic rhynchosaurs from the Lower Zambesi valley, Zimbabwe.

Mr J Welman — The relationships of the South African proterosuchids.

Dr C E Gow — The first mousetrap - why we are not extinct?

Ms C Klapsidis, Prof J Kieser & Mr L.Law — Are crocodiles homodont?

Afternoon Session

CHAIRMAN - DR M A RAATH

Poster Session

Mr G Aitken — Palynology of the No.5 seam in the Witbank / Highveld Coalfields.

Mrs C Aston — The evolution of the early therapsids and *Hipposaurus* - where does it fit?