

**7th BIENNIAL CONFERENCE OF THE PALAEOONTOLOGICAL 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*

*Mr J Brink*

*Dr J Deacon*

*Dr R J Rayner & Dr J Masters*

*Dr G King*

*Dr J F Durand & Dr J F Thackeray*

*Dr A Chinsamy & Dr B S Rubidge*

*Ms H Fourie*

*Dr J vd Heever*

*Dr B S Rubidge*

*Dr A Warren*

*Dr M A Raath*

*Mr J Welman*

*Dr C E Gow*

*Ms C Klapsidis, Prof J Kieser & Mr L Law*

*Mr G Aitken*

*Mrs C Aston*

Glimpses from Gondolin.

The fossil history of the black wildebeest *Connochaetes gnou* in southern Africa.

Palaeontology and the National Monuments Council.

**Tuesday 8 Sept**

**Morning Session**

CHAIRMAN: DR M A CLUVER

Putting the genetics back into phylogenetic species.

Species longevity and diversity in dicynodont mammal – like reptiles.

Another look at South African species of *Lystrosaurus*.

Dicynodont (Therapsida) bone histology: phylogenetic and physiological implications.

Internal cranial morphology of *Emydops*.

A second specimen of *Herpetogale?* (Therapsida : Amniota)

CHAIRMAN – DR C S MACRAE

The most primitive therapsid fauna – South Africa or Russia?

The last, last labyrinthodont?

Triassic rhynchosaurs from the Lower Zambesi valley, Zimbabwe.

The relationships of the South African proterosuchids.

The first mousetrap - why we are not extinct?

Are crocodiles homodont?

**Afternoon Session**

CHAIRMAN - DR M A RAATH

Poster Session

Palynology of the No.5 seam in the Witbank / Highveld Coalfields.

The evolution of the early therapsids and *Hipposaurus* - where does it fit?