

9/2/05/1/1/1
10.05.05

Northern Flagship Institution
Transvaal Museum
Report on Fossil – Collecting Fieldtrip to Eastern Cape

Date: 26 March to 3 April 2005

Locality: Groot Brak River on the farm Hillston at Schoombee

Permit: 80/05/03/001/60 17 March 2005 – 1 April 2006

Aim: To identify and excavate Therapsid fossils and survey the adjoining farms for possible fossil sites.

Collaboration: South African Society for Amateur Palaeontologists

Repository: Transvaal Museum, Pretoria

Funding: None: self funded by each team member

Team: Dr H. Fourie (palaeontologist), Ms P. Heydenrych, Mrs C. Kemp, Ms A. Morgan

Age: Mesozoic (230-65million years) – Triassic (230-195million years)

Stratigraphy: Beaufort Group:

Tarkastad Subgroup (East of 24 E°):

Burgersdorp Formation

Katberg Formation

Adelaide Subgroup (East of 24°):

Balfour Formation – including Palingkloof Member

Biostratigraphy: *Lystrorhynchus* Assemblage Zone: (230million years Early Triassic)

Sandstone (yellow)

Channel lag conglomerates

(Mudstone – green)

Mudrock sequence:

Red-brown

Blue-grey

Sandstone (yellow)

Farms identified: There are good fossil postcrania present on Droogefontein 42, Schoongesicht 43, Vreesfontein 44, and Klippe Rif 112.

Summary: Overall this was found to be an excellent area, rich in fossils, and worthy of future fieldtrips.

HF2/2005/1	Ridgewater	Donated by:	Postcranium
27/3/2005	Bulle Fontein 96	B. Gibbons	Therocephaliam In a nodule

Field numbers: HF = Heidi Fourie 1, 1 = locality 1 / 2005 / 2, 2 = specimen 2.

Acknowledgement: We would like to thank all the farmers for their warm hospitality and for allowing us access on to their properties. And not forgetting all the dogs and cats who made sure we felt quite at home.