

CONTENTS.

PART I.

- I. *On the Geological Structure of the Wealden District and of the Bas Boulonnais.*
By William Hopkins, Esq., M.A., F.R.S., F.G.S. &c. p. 1

PART II.

- II. *On the Discovery of the Fossil Remains of Bidental and other Reptiles in South Africa.* By Andrew Geddes Bain, Esq. p. 53
- III. *Report on the Reptilian Fossils of South Africa: Part I., Description of certain Fossil Crania, discovered by A. G. Bain, Esq., in Sandstone Rocks at the South-eastern extremity of Africa, referable to different Species of an Extinct Genus of Reptilia (Dicynodon), and indicative of a new Tribe or Sub-order of Sauria.* By Richard Owen, Esq., F.R.S., F.G.S. &c. p. 59

PART III.

- IV. *Observations on certain Fossiliferous Beds in Southern India.* By C. T. Kaye, Esq., F.G.S., of the Madras Civil Service. *With an Appendix on the Remains of Fishes found by Mr. Kaye and Mr. Cunliffe in the Pondicherry Beds; by Sir Philip Grey Egerton, Bart., M.P., F.R.S., F.G.S. (p. 89)* p. 85
- V. *Report on the Fossil Invertebrata from Southern India, collected by Mr. Kaye and Mr. Cunliffe.* By Edward Forbes, F.R.S., F.G.S. &c., Professor of Botany at King's College, London; Palæontologist to the Geological Survey of the United Kingdom p. 97

PART IV.

VI. <i>On the Geology of Southern Africa.</i> By Andrew Geddes Bain, Esq.	p. 175
<i>With Appendix, containing</i>	
<i>Description of Fossils from the Secondary Rocks of Sunday River and Zwartkop River, South Africa, collected by Dr. Atherstone and A. G. Bain, Esq.</i> By Daniel Sharpe, Esq., F.R.S., Pres. G.S. &c.	p. 193
<i>Description of Palæozoic Fossils from South Africa.</i> By Daniel Sharpe, Esq., F.R.S., Pres. G.S., and J. W. Salter, Esq., F.G.S.	p. 203
<i>Notes on some Fossils from the Karoo Desert and its vicinity.</i> By Daniel Sharpe, Esq., F.R.S., Pres. G.S., Dr. Hooker, F.R.S., F.G.S., and Sir P. de M. Grey Egerton, Bart., M.P., F.R.S., F.G.S.	p. 225
VII. <i>Report on the Reptilian Fossils of South Africa: Part II., Description of the Skull of a large Species of Dicynodon (D. tigriceps, Ow.), transmitted from South Africa by A. G. Bain, Esq.</i> By Professor Owen, F.R.S., F.G.S.	p. 233
VIII. <i>Report on the Reptilian Fossils of South Africa: Part III., On Parts of the Skeleton of the Trunk of the Dicynodon tigriceps.</i> By Professor Owen, F.R.S., F.G.S.	p. 241
<i>Index</i>	p. 249
<i>List of Plates and Woodcuts.</i>	

The Binder is directed to place the two Tables of Officers and Council immediately after the Title-page, and in the order in which they were published; and to *cancel* the Title-page dated 1845.