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


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
CONTENTS.

PART IV.

VI. On the Geology of Southern Africa. By Andrew Geddes Bain, Esq. . . p. 175
With Appendix, containing
Description of Fossils from the Secondary Rocks of Sunday River and
Zwartkop River, South Africa, collected by Dr. Atherstone and
Description of Palaeozoic Fossils from South Africa. By Daniel Sharpe,
Notes on some Fossils from the Karoo Desert and its vicinity. 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. 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. By Professor Owen, F.R.S., F.G.S. . p. 233

VIII. Report on the Reptilian Fossils of South Africa: Part III., On Parts of the
Skeleton of the Trunk of the Dicynodon tigriceps. By Professor Owen,
F.R.S., F.G.S. . . . . . . . . . . . . p. 241

Index . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . p. 249

List of Plates and Woodcuts.

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.