

To Colin Macrae Esq
with the kind regards of
M^r Charles Falconer.

FALCONER'S
PALÆONTOLOGICAL MEMOIRS

&c.

VOLUME I.

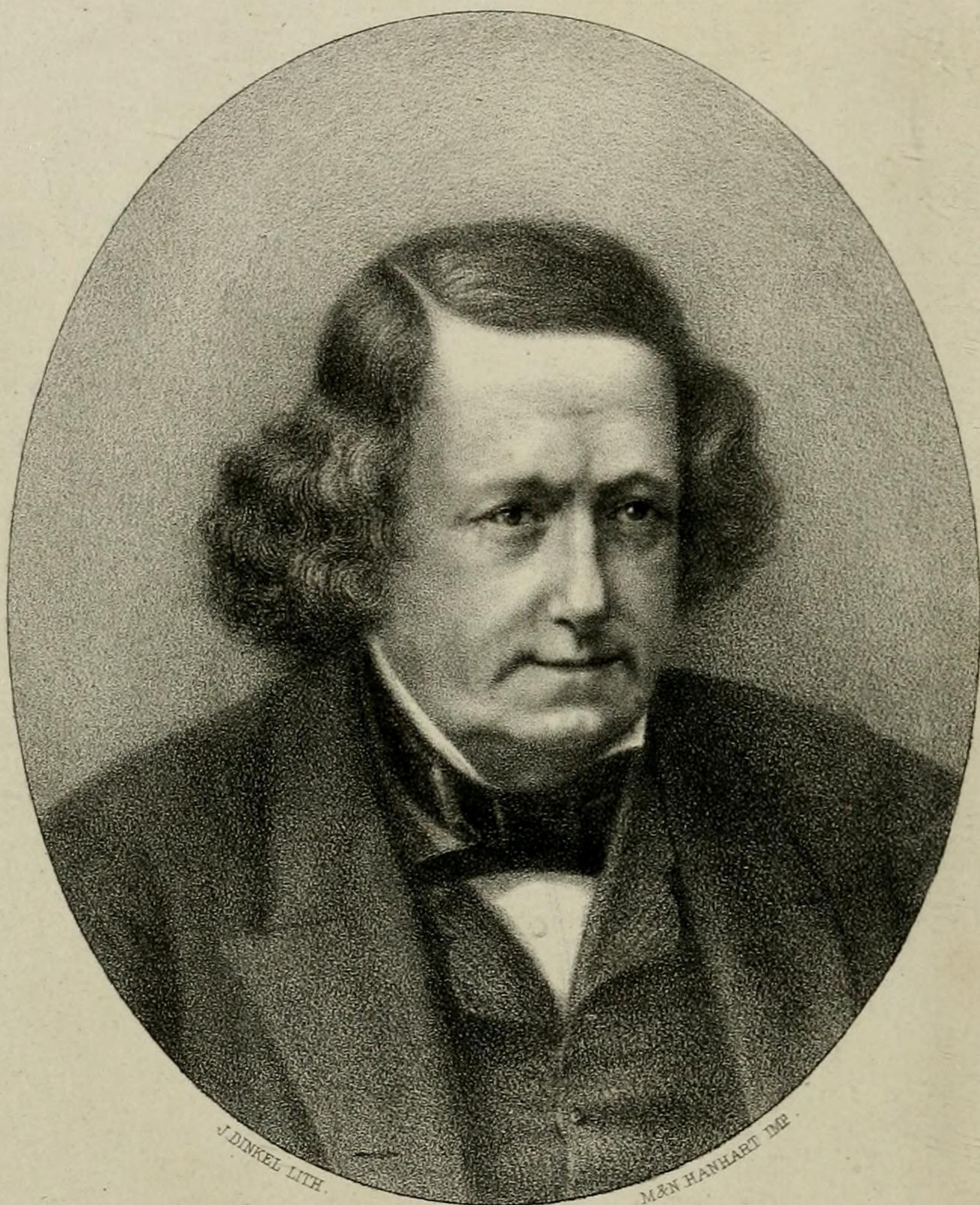
Moriturus Colin M. Macrae
postremum donum et
amicitiae pignus ~

"Quis potest desiderii fructum cum
moderatum cari cupitis!"

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Yours very truly
W. Salomon

PALÆONTOLOGICAL MEMOIRS AND NOTES

OF THE LATE

HUGH FALCONER, A.M., M.D.

VICE-PRESIDENT OF THE ROYAL SOCIETY;

FOREIGN SECRETARY OF THE GEOLOGICAL SOCIETY OF LONDON;

AND FOR MANY YEARS

SUPERINTENDENT OF THE H. E. I. COMPANY'S BOTANICAL GARDENS

AT SUHARUNPOOR AND CALCUTTA.

WITH A

Biographical Sketch of the Author.

COMPILED AND EDITED BY

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FELLOW OF THE ROYAL COLLEGE OF PHYSICIANS OF LONDON.

~~~~~  
VOL. I.

FAUNA ANTIQUA SIVALENSIS.  
~~~~~



LONDON :

ROBERT HARDWICKE, 192 PICCADILLY.

1868.

TO
COLONEL SIR PROBY T. CAUTLEY, K.C.B.

MEMBER OF THE COUNCIL OF INDIA,

This Volume,

EMBRACING THE RESULTS OF HIS OWN RESEARCHES

AND THOSE OF HIS DEPARTED FRIEND AND COLLEAGUE

ON THE FOSSIL FAUNA OF THE SEWALIK HILLS,

WHICH OBTAINED FOR THEM

A WORLD-WIDE REPUTATION IN SCIENCE,

Is Dedicated

BY

THE EDITOR.

CONTENTS

OF

THE FIRST VOLUME.

	PAGE
BIOGRAPHICAL SKETCH.	xxiii
LIST OF BOTANICAL MEMOIRS AND REPORTS BY DR. FALCONER .	lv
I. Introductory Observations on the Geography, Geological Structure, and Fossil Remains of the Sewalik Hills . . .	1
II. On the Structure of the Sewalik Hills, and the Organic Remains found in them. By Proby T. Cautley, Esq., Capt. Bengal Artillery	30
III. On the Fossil Species of Elephant and Mastodon found in the Sewalik Hills	43
APPENDIX.—1. Descriptions of Fossil Remains of Ele- phants in the Museum of the Asiatic Society of Bengal	109
2. Descriptions of Fossil Remains of Mastodon in the Museum of the Asiatic Society of Bengal	117
3. Description of Fossil Molars of <i>Mastodon Pandionis</i> from the Deccan	124
4. Note on the Teeth of the <i>Mastodon à dents étroites</i> of the Sewalik Hills. By Capt. P. T. Cautley	126
5. Note on the Mastodons of the Sewaliks. By Capt. P. T. Cautley	127
IV. On the Fossil Hippopotamus of the Sewalik Hills. By Hugh Falconer, M.D., and Capt. P. T. Cautley	130
APPENDIX.—1. Description of specimens of Fossil Hippo- potamus in the Museum of the Asiatic Society of Bengal	142

	PAGE
2. Note upon a young Skull of <i>Merycopotamus dissimilis</i> from Burmah	147
V. Description of a Fragment of a Jaw of an unknown extinct Pachydermatous Animal, from the Valley of the Murkunda. <i>Tetraconodon magnum</i> vel <i>Chærotherium</i>	149
VI. On the species of Fossil Rhinoceros found in the Sewalik Hills	157
APPENDIX.—1. Description by Messrs. Baker and Durand of the Fossil Rhinoceros of the Sewalik Hills	158
2. Description of Fossil Remains of Rhinoceros in the Museum of the Asiatic Society of Bengal	169
VII. On the Fossil Rhinoceros of Central Tibet, and its relation to the recent upheaval of the Himalayahs	173
VIII. On the Fossil <i>Equidæ</i> of the Sewalik Hills	186
APPENDIX.—Descriptions of Fossil <i>Equidæ</i> in the Museum of the Asiatic Society of Bengal	186
IX. On some Fossil Remains of Anoplotherium and Giraffe from the Sewalik Hills. By H. Falconer, M.D., and Capt. P. T. Cautley	190
APPENDIX.—1. Description of Fossil Remains of 'Giraffe in the Museum of the Asiatic Society of Bengal	206
2. On the number of Existing Species of Giraffe	207
X. On <i>Chalicotherium Sivalense</i>	208
APPENDIX.—1. Description of Upper Jaw of <i>Chalicotherium Goldfussi</i> in the Museum of Darmstadt, and of the remains of the 'Nestoritherium' of Kaup in the Museum of Munich	222
2. On the inconvenience of retaining the Dichobunes in Anoplotherium	225
XI. On the Fossil Camel of the Sewalik Hills. By H. Falconer, M.D., and Capt. P. T. Cautley	227
APPENDIX.—1. On the Fossil <i>Camelidæ</i> of the Sewaliks. By Capt. P. T. Cautley	242
2. Description of Fossil Remains of Camel in the Museum of the Asiatic Society of Bengal	245
XII. <i>Sivatherium giganteum</i> ; a new Fossil Ruminant Genus from the Valley of the Murkunda. By Hugh Falconer, M.D., and Capt. P. T. Cautley	247
APPENDIX.—1. Note on a Specimen of <i>Sivatherium</i> discovered by Col. Colvin	266

	PAGE
2. Notes on Bones of Sivatherium not described in original memoir	269
3. Description of Fossil Remains of Sivatherium in the Museum of the Asiatic Society of Bengal	273
XIII. The Fossil <i>Bovidæ</i> , <i>Cervidæ</i> , and <i>Antilopidæ</i> of India	280
APPENDIX.—1. Description of Remains of large Bovine Ruminants from the Sewalik Hills in the Museum of the Asiatic Society of Bengal	281
2. Description of Fossil Remains of Bos, from the Nerbudda, in the Museum of the Asiatic Society of Bengal	284
3. Description of Fossil Remains of Antelope, from the Sewalik Hills, in the Museum of the Asiatic Society of Bengal (<i>Antilope Palæindica</i>)	289
4. Description, by Capt. Baker, of the Fossil Antelope of the Sewalik Hills	290
XIV. On the Fossil <i>Quadrumana</i> of the Sewalik Hills	292
1. Notice on the Remains of a Fossil Monkey from the Tertiary Strata of the Sewalik Hills. By Capt. P. T. Cautley and H. Falconer, M.D.	292
2. Sub-Himalayan Fossil Remains of the Dadoopoor Collection. By Lieuts. W. E. Baker and H. M. Durand	298
3. An additional Fossil Species of the Order <i>Quadrumana</i> from the Sewalik Hills. By H. Falconer, M.D., and Capt. P. T. Cautley	300
4. An additional <i>Quadrumanous</i> Remains from the Tertiary Deposits of the Sewalik Hills. By H. Falconer, M.D., and Capt. P. T. Cautley	307
5. Note on a Correction of Published Statements respecting Fossil <i>Quadrumana</i> . By H. Falconer, M.D.	309
XV. On <i>Felis cristata</i> , a new Fossil Tiger from the Sewalik Hills. By H. Falconer, M.D., and Capt. P. T. Cautley	315
XVI. On <i>Ursus (Hyænarctos) Sivalensis</i> , a new Fossil Species from the Sewalik Hills. By Capt. P. T. Cautley and H. Falconer, M.D.	321
APPENDIX.—1. Reply to M. de Blainville's observations on <i>Ursus Sivalensis</i>	328
2. Comparison of <i>Ursus (Hyænarctos) Sivalensis</i> with Bravard's Ursine Head from Buenos Ayres	329
XVII. On <i>Enhydriodon (Amyxodon)</i> , a Fossil Genus allied to <i>Lutra</i> , from the Tertiary Strata of the Sewalik Hills	331

	PAGE
APPENDIX.—1. Comparison of Head of Indian Otter with Skulls of Otters in the College of Surgeons' Museum	337
2. Description of Fragment of Lower Jaw of Enhydriodon	337
XVIII. On the Fossil Carnivora of the Sewalik Hills	339
APPENDIX.—1. Description, by Messrs. Baker and Durand, of Fossil Carnivora from the Sub-Himalayahs	339
2. Description of Fossil Remains of Carnivora from the Sewalik Hills in the Museum of the Asiatic Society of Bengal	343
3. Description of Fossil Hyæna	343
XIX. On the Fossil Crocodiles of the Sewalik Hills. By Capt. P. T. Cautley	344
APPENDIX.—1. On the Crocodiles of India, recent and fossil	355
2. Memoranda on Crocodiles in the Belfast Museum	356
3. Memorandum on <i>Crocodylus Schlegelii</i>	357
4. Description of Fossil Remains of Crocodiles from Ava, Perim Island, and the Nerbudda, in the Museum of the Asiatic Society of Bengal	357
XX. On the <i>Colossochelys Atlas</i> , a gigantic Fossil Tortoise from the Sewalik Hills	359
1. On some Remains of the <i>Megalochelys Sivalensis</i>	359
2. On the Osteological Characters and Palæontological History of the <i>Colossochelys Atlas</i>	362
3. Further Observations on the <i>Colossochelys Atlas</i>	372
4. Anatomical Description of the <i>Colossochelys Atlas</i>	378
5. Description of Fossil Remains of <i>Colossochelys</i> and <i>Testudo</i> in the Museum of the Asiatic Society of Bengal	381
XXI. On a Fossil Species of <i>Emys</i> from the Sewalik Hills, referable to the existing <i>Emys tecta</i> (Bell)	382
APPENDIX.—Further observations on the Fossil <i>Emys tecta</i> of the Sewalik Hills	388
XXII. Note on the Fossil Freshwater Shells from the Sewalik Hills. By the late Professor Edward Forbes	389
XXIII. Description of some Fossil Remains of <i>Dinotherium</i> , <i>Giraffe</i> , <i>Bramatherium</i> , and other Mammalia, from Perim Island, Gulf of Cambay, Western Coast of India	391

	PAGE
APPENDIX.—1. Description of a Fragment of Fossil Bone from Perim Island, in the Collection of Mr. Henry Duckworth	409
2. Microscopic Characters of Mr. Tait's supposed Vertebra of Dinotherium from Perim Island	410
XXIV. Note on certain Specimens of Fossil Animal Remains from Ava	412
XXV. Note on Fossil Remains found in the Valley of the Indus, below Attock, and at Jubbulpoor	414
XXVI. Note on an extraordinary variety of Elastic Sandstone	420
XXVII. A description of the Plates in the 'Fauna Antiqua Sivalensis'	421
XXVIII. Official Report of Expedition to Cashmeer and Little Tibet, in 1837-38	557
APPENDIX.—1. Note on the Hangool or <i>Cervus Cashmee-</i> <i>rianus</i>	576
2. Note on a variety of Musk-Deer, or Kustora	579
3. The Goats of Cashmeer	580
4. Note on the Mule Breeds between the Yak and the Cow in Tibet	581
5. The Cashmeer Marten	582
6. The Tibetan Hare	582
7. The Tibetan Marmot, <i>Arctomys Tibetana</i>	583
XXIX. Miscellaneous Notes on Indian Zoology	587
1. Note on <i>Cervus Duvaucellii</i>	587
2. Note on an Indian Species of <i>Esox</i>	589
3. Memorandum regarding the Predaceous Habits of Indian Frogs	590

LIST OF ILLUSTRATIONS

IN

THE FIRST VOLUME.

A. PLATES.

PLATE	PAGE
I. Portrait of Dr. Falconer, drawn on stone, by Mr. Joseph Dinkel, from a photograph by Mr. Ernest Edwards. <i>Frontispiece</i>	
II. Map illustrating Dr. Falconer's observations on the Geology of India	6
III. Map of Country between the Sutlej and the Ramgunga	30
IV. Sections of teeth of <i>Elephas insignis</i> , <i>E. planifrons</i> , and <i>E. Africanus</i>	74
V. Sections of teeth of <i>Elephas Hysudricus</i> , <i>E. Indicus</i> , and <i>E. primigenius</i>	78
VI. Sections of teeth of <i>Elephas Ganesa</i> , <i>Mastodon latidens</i> , <i>Dinotherium Indicum</i> , and <i>D. giganteum</i>	82
VII. Sections of teeth of <i>Mastodon Sivalensis</i> , <i>M. Ohioticus</i> , and <i>Dinotherium giganteum</i>	84
VIII. Lower jaw and molars of <i>Mastodon Andium</i>	100
IX. Molars of <i>Mastodon Sivalensis</i> and <i>M. Perimensis</i>	118
X. Skull of <i>Mastodon Sivalensis</i>	128
XI. Skull of <i>Hippopotamus (Hexaprotodon) Sivalensis</i>	130
XII. Upper and lower jaws with molars and incisors of <i>Hippopotamus (Hexaprotodon) Sivalensis</i>	134
XIII. Skull and lower jaw of <i>Merycopotamus dissimilis</i>	138
XIV. Skull and molars of <i>Rhinoceros Sivalensis</i> . Skull and lower jaw of <i>R. platyrhinus</i>	158
XV. Skull of <i>Merycopotamus dissimilis</i> from Burmah. Fragments of bones of fossil Rhinoceros from the Niti Pass in Tibet	178
XVI. Vertebra and teeth of <i>Camelopardalis Sivalensis</i> . Teeth of <i>C. affinis</i>	200

PLATE		PAGE
XVII.	<i>Chalicotherium Sivalense</i> . Skull, lower jaw, teeth, &c.	210
XVIII.	<i>Camelus Sivalensis</i> . Skull, lower jaw, and teeth.	232
XIX.	Skull of <i>Sivatherium giganteum</i>	248
XX.	Skull of <i>Sivatherium giganteum</i>	250
XXI.	<i>Sivatherium giganteum</i> . Horns, restoration of skull, lower jaw, and sternum	266
XXII.	Skulls of <i>Bos Palæindicus</i> and <i>Bos Namadicus</i>	280
XXIII.	Skull of <i>Antilope Palæindica</i>	290
XXIV.	Fossil Quadrumana of the Sewalik Hills.	300
XXV.	Skull of <i>Felis cristata</i> . Fragment of skull and of lower jaw of <i>Depranodon (Machairodus) Sivalensis</i> , and canines of <i>Drepanodon latidens</i> .	316
XXVI.	Skull and lower jaw of <i>Ursus (Hyænarctos) Sivalensis</i> . Molars of <i>Ursus Namadicus</i>	324
XXVII.	Skulls of <i>Enhydriodon Sivalensis</i> . Skull and lower jaw of <i>Lutra Palæindica</i>	334
XXVIII.	Fragments of fossil skulls of <i>Crocodylus bombifrons</i> and <i>Leptorhynchus Gangeticus</i>	344
XXIX.	Fragments of fossil skulls and lower jaws of <i>Crocodylus crassidens</i> , <i>Crocodylus Leptodus</i> , and <i>Leptorhynchus Gangeticus</i>	354
XXX.	<i>Colossochelys Atlas</i> . Episternal, Xyphosternal, and Ungual bones	364
XXXI.	<i>Colossochelys Atlas</i> . Skull, humerus, and femur	374
XXXII.	Shell of fossil <i>Emys tecta</i> . Lower end of humerus of <i>Varanus Sivalensis</i> , or fossil Monitor of the Sewalik Hills	384
XXXIII.	Molars of <i>Bramatherium Perimense</i> and of <i>Dinotherium Indicum</i> from Perim Island	396
XXXIV.	Molars of <i>Mastodon Pandionis</i> and of <i>Antoletherium</i> . Fossil Vertebra from Jubbulpoor	416

B. WOOD ENGRAVINGS.

1.	Section through Himalayahs and Sewalik Hills	19
2.	Section at Deoni, on the Murkunda River	37
3.	Section at Tuloagpoor	37
4.	Section showing dislocation of strata below the village of Tuloagpoor	38
5.	Teeth of <i>Tetraconodon</i> , or <i>Chærotherium magnum</i>	150
6.	Astragalus of Sewalik fossil Monkey, upper surface	294

XX LIST OF ILLUSTRATIONS IN THE FIRST VOLUME.

	PAGE
7. Astragalus of existing <i>Semnopithecus entellus</i> , upper surface . . .	294
8. Astragalus of Sewalik fossil Monkey, under surface . . .	294
9. Astragalus of existing <i>Semnopithecus entellus</i> , under surface . . .	294
10. Sketch by the late Professor Edward Forbes, illustrating the Hindoo mythological conception of an Elephant bearing the world, and supported on the back of a Tortoise . . .	297
11. Canine tooth of fossil Monkey, with lower jaw of the Orang-Outang of Sumatra	304
12. Diagrammatic restoration of <i>Colossochelys Atlas</i>	362
13. Sketch by the late Professor Edward Forbes, showing the Elephant victorious over the Tortoise, supporting the world, and unfolding the mysteries of the 'Fauna Sivalensis' . . .	377
14. Map of the district near Perim Island	392
15. Head of <i>Cervus Cashmeerianus</i> , from a drawing by G. T. Vigne, Esq.	578
16. <i>Cervus Cashmeerianus</i> , from a drawing by G. T. Vigne, Esq.	578

CORRIGENDA AND ADDENDA.

- | | | |
|------|--------------|--|
| Page | 22 line | 15. <i>For</i> Netee Pars, <i>read</i> Niti Pass. |
| ,, | 23 ,, | 1. <i>For</i> Brahmatherium, <i>read</i> Bramatherium. |
| ,, | 23 ,, | 7. <i>For</i> Antelope Palæindicus, <i>read</i> Antilope Palæindica. |
| ,, | 24 ,, | 30. <i>For</i> Successively, <i>read</i> successively. |
| ,, | 31 ,, | 5 of foot-note. <i>For</i> planes, <i>read</i> plains. |
| ,, | 31 ,, | 7 of do. Add inverted comma after mountains. |
| ,, | 38 ,, | In description of Fig. 4, <i>for</i> 'a. Clay,' <i>read</i> 'a. Upper soil.' |
| ,, | 53 ,, | 1 of foot-note 3. <i>For</i> de <i>read</i> di. |
| ,, | 157 ,, | 35. <i>For</i> tichorinus, <i>read</i> tichorhinus. |
| ,, | 162 ,, | 21. <i>For</i> Maginnud, <i>read</i> Moginund. |
| ,, | 170 ,, | 2 <i>For</i> Maginnud, <i>read</i> Moginund |
| ,, | 218 ,, | 1. <i>For</i> conicle, <i>read</i> conical. |
| ,, | 218 ,, | 8. <i>For</i> anterior, <i>read</i> anterior. |
| ,, | 218 ,, | 13. <i>For</i> vallies, <i>read</i> valleys. |
| ,, | 301 ,, | 3rd column of Table. <i>For</i> Pethecus, <i>read</i> Pithecus. |
| ,, | 306 ,, | 2. <i>For</i> channeled, <i>read</i> channelled. |
| ,, | 339 | Since this page was printed, the Editor has had an opportunity of perusing a letter from Dr. Falconer to M. de Blainville, dated October 4, 1847, in which reference is made to <i>two species</i> of fossil Hyæna, and to <i>two species</i> of fossil Felis (<i>F. cristata</i> and <i>F. palæotigris</i>), from the Sewalik Hills. Casts of these fossils were transmitted to the Jardin des Plantes. |
| ,, | 440 ,, | 2. <i>Omit</i> Reproduced in Plate IX. of Vol. II. |
| ,, | 441 ,, | 6 & 7. <i>For</i> first, or antepenultimate, <i>read</i> pre-antepenultimate (<i>a</i>), antepenultimate (<i>b</i>). |
| ,, | 467 | Under fig. 5 of Plate XXXVI., <i>for</i> last? <i>read</i> penultimate. |
| ,, | 468 ,, | 7. <i>For</i> Portwick, <i>read</i> Postwick. |
| ,, | 502 ,, | 5. <i>Omit</i> The drawing shows the descending process of the jaw. |
| ,, | 502 and 503. | <i>Substitute</i> upper jaw for lower jaw, in descriptions of figures 1, 3, 11, and 15 of Plate LXII. |
| ,, | 513 line | 10. <i>For</i> tichorinus, <i>read</i> tichorhinus. |
| ,, | 524 ,, | 4 of description of Fig. 4. <i>For</i> premolars, <i>read</i> premolar. |
| ,, | 546 ,, | 6 of description of Fig. 7. <i>For</i> p. 354, <i>read</i> p. 554. |
| ,, | 554 | In a letter to M. de Blainville, dated October 4, 1847, Dr. Falconer designated certain remains of the Sewalik fossil birds, ' <i>Struthio palæindica</i> .' |
| ,, | 582 ,, | 18 & 22. <i>For</i> Martin, <i>read</i> Marten. |
| ,, | 587 | <i>For</i> Cervus Duvancelli, <i>read</i> Cervus Duvaucellii. |

BIOGRAPHICAL SKETCH.

ON the 29th of February, 1808, HUGH FALCONER was born at Forres, in the North of Scotland—a town beautifully situated on the banks of the Findhorn, but best known from its traditional connection with the ‘blasted heath’ of Macbeth. He was the youngest of a family of five sons and two daughters, his father, Mr. David Falconer, being a descendant of an ancient family, the Falconers of Lethen and Halkerton. He received his early education at the Grammar School of Forres, where he attracted the notice of his teachers from his wonderful memory and facility for acquiring languages; and then, aided by the resources of an elder brother in India, he entered the University of King’s College, Aberdeen, to pass through the established Scotch Academical curriculum of classical literature and science, extending over a period of four years. A fellow student, who was very intimate with him at that time, remembers well his diligence and steady conduct, and adds that even then, ‘he was an immense favourite with his class-fellows, and was remarked for his playful genial humour, and frank, generous, winning disposition,’ and that ‘they who watched him closely could detect in the young student the penetrating intellect and shrewdness in observing which distinguished the future palæontologist.’¹ Reading was always his favourite amusement, and although the subjects which he studied were very varied, he was especially fond of everything relating to Natural History. A book entitled ‘The Three Hundred Animals’ was an especial favourite,

¹ Letter from the Rev. Duncan Campbell.