

South African Animal Life

(1955-1974)

Vol. 1

1955

Contents

	Introduction	1
	<i>by</i> BERTIL HANSTRÖM	
CHAPTER I.	Swedish Exploration of South African Animal Life during 200 Years	11
	<i>by</i> PER BRINCK	
CHAPTER II.	List of Localities Investigated by the Swedish Expedition to Southern Africa in 1950-1951	62
	<i>by</i> PER BRINCK and GUSTAF RUDEBECK	
CHAPTER III.	Turbellaria	101
	<i>by</i> E. MARCUS	
CHAPTER IV.	Solifugae, Scorpions and Pedipalpi, with Checklists and Keys to South African Families, Genera and Species	152
	<i>by</i> R. F. LAWRENCE	
CHAPTER V.	Pseudoscorpionidea	263
	<i>by</i> M. BEIER	
CHAPTER VI.	Gyrinidae. A Monograph of the Whirligig Beetles of Southern Africa	329
	<i>by</i> PER BRINCK	

List of Authors and their Addresses

- M. BEIER, Dr. Phil., Kustos am Naturhistorischen Museum, Burgring 7, Wien I. Österreich.
PER BRINCK, Ph.D., Zoological Institute, University, Lund. Sweden.
BERTIL HANSTRÖM, Ph.D., Professor of Zoology, Director of the Zoological Institute, University,
Lund. Sweden.
R. F. LAWRENCE, Ph.D., Formerly Director of the Natal Museum, Pietermaritzburg. South Africa.
E. MARCUS, Dr. Phil., Professor and Director of the Zoological Dept., University of São Paulo, C.P.
6994, São Paulo. Brasil.
GUSTAF RUDEBECK, Ph.D., Transvaal Museum, Pretoria. South Africa.

South African Animal Life

(1955-1974)

Vol. 2

1955

Contents

CHAPTER I.	Symphyla	1
	<i>by</i> ULF SCHELLER	
CHAPTER II.	Chilopoda	4
	<i>by</i> R. F. LAWRENCE	
CHAPTER III.	Protura	57
	<i>by</i> B. CONDÉ	
CHAPTER IV.	Diplura: Campodeidae	60
	<i>by</i> B. CONDÉ	
CHAPTER V.	Diplura: Japygidae	74
	<i>by</i> J. PAGÉS	
CHAPTER VI.	Thysanura	83
	<i>by</i> P. WYGODZINSKY	
CHAPTER VII.	Odonata	191
	<i>by</i> PER BRINCK	
CHAPTER VIII.	Mantidea	234
	<i>by</i> M. BEIER	
CHAPTER IX.	Orthoptera Ensifera	266
	<i>by</i> LUCIEN CHOPARD	
CHAPTER X.	Orthoptera Tridactyloidea	301
	<i>by</i> LUCIEN CHOPARD	
CHAPTER XI.	Embioptera	302
	<i>by</i> EDWARD ROSS	
CHAPTER XII.	Coleoptera: Notiophygidae	306
	<i>by</i> HANS JOHN	

CHAPTER XIII.	Diptera (Nematocera): Simuliidae	344
	<i>by</i> BOTHA DE MEILLON	
CHAPTER XIV.	Diptera (Nematocera): Phlebotominae	355
	<i>by</i> BOTHA DE MEILLON	
CHAPTER XV.	Diptera (Nematocera): Chironomidae	361
	<i>by</i> PAUL FREEMAN	
CHAPTER XVI.	Diptera: Bombyliidae	382
	<i>by</i> A. J. HESSE	
CHAPTER XVII.	Mallophaga	402
	<i>by</i> PER BRINCK	
CHAPTER XVIII.	Aves I	426
	<i>by</i> GUSTAF RUDEBECK	

South African Animal Life

(1955-1974)

Vol. 3

1956

Contents

CHAPTER I.	Acarina Ixodoidea	7
	<i>by F. ZUMPT</i>	
CHAPTER II.	Diplopoda: I. Proterospermophora	12
	<i>by O. SCHUBART</i>	
CHAPTER III.	Phasmatoptera	87
	<i>by K. GÜNTHER</i>	
CHAPTER IV.	Orthoptera Tetrigoidea	94
	<i>by K. GÜNTHER</i>	
CHAPTER V.	Orthoptera Acridoidea	121
	<i>by V. M. DIRSH</i>	
CHAPTER VI.	Coleoptera: Meloidae	273
	<i>by Z. KASZAB</i>	
CHAPTER VII.	Coleoptera: Histeridae	295
	<i>by J. THÉRON</i>	
CHAPTER VIII.	Coleoptera: Lucanidae	304
	<i>by PER BRINCK</i>	
CHAPTER IX.	Coleoptera: Chrysomelidae Hispinae	336
	<i>by E. UHMANN</i>	
CHAPTER X.	Mecoptera	344
	<i>by BØ TJEDER</i>	
CHAPTER XI.	Diptera (Nematocera): Blepharoceridae	391
	<i>by B. R. STUCKENBERG</i>	
CHAPTER XII.	Diptera (Nematocera): Psychodinae	399
	<i>by G. H. SATCHELL</i>	
CHAPTER XIII.	Diptera: Tabanidae	404
	<i>by H. OLDROYD</i>	
CHAPTER XIV.	Siphonaptera	409
	<i>by BOTHA DE MEILLON</i>	

CHAPTER XV.	Hymenoptera Phytophaga	411
	<i>by</i> R. B. BENSON	
CHAPTER XVI.	Hymenoptera: Chrysididae	415
	<i>by</i> E. B. EDNEY	
CHAPTER XVII.	Anoplura	420
	<i>by</i> H. E. PATERSON	
CHAPTER XVIII.	Hemiptera (Heteroptera): Tingidae	421
	<i>by</i> C. J. DRAKE	
CHAPTER XIX.	Hemiptera (Heteroptera): Saldidae	430
	<i>by</i> C. J. DRAKE	
CHAPTER XX.	Hemiptera (Heteroptera): Reduviidae	434
	<i>by</i> N. C. E. MILLER	

List of Authors and their Addresses

- R. B. BENSON, M.A., Entomological Dept., British Museum, Nat. Hist., Cromwell Road, London S.W. 7. England.
- PER BRINCK, Ph.D., Zoological Institute, University, Lund. Sweden.
- BOTHA DE MEILLON, D.Sc., Ph.D., South African Institute for Medical Research, P.O. Box 1038, Johannesburg. South Africa.
- V. M. DIRSH, D.Sc., Anti-Locust Research Centre, 1, Princes Gate, Kensington, London S.W. 7. England.
- CARL J. DRAKE, Iowa State College, Station A, Box 20 A, Ames, Iowa. U.S.A.
- E. B. EDNEY, Ph.D., Professor, Zoology Dept., University College of Rhodesia and Nyasaland. Salisbury. Southern Rhodesia.
- K. GÜNTHER, Dr. Phil., Professor, Institut für Genetik der Freien Universität, Ebronbergstrasse 26/28, Berlin Dahlem. Germany.
- Z. KASZAB, Dr. Phil., Director of the Zoological Dept., Natural History Museum, Baross-Utca 13, Budapest VIII. Hungary.
- N. C. E. MILLER, Commonwealth Institute of Entomology, c/o British Museum, Nat. Hist., Cromwell Road, London S.W. 7. England.
- H. OLDROYD, M.A. Entomological Dept., British Museum, Nat. Hist., Cromwell Rd., London S.W. 7. England.
- H. E. PATERSON, B.Sc., South African Institute for Medical Research, P.O. Box 1038, Johannesburg. South Africa.
- G. H. SACHELL, Ph.D., Zoology Dept., University of Otago, Dunedin. New Zealand.
- O. SCHUBART, Dr. Phil., Pirassununga, Estado de São Paulo. Brasil.
- B. R. STUCKENBERG, M.A., Natal Museum, Pietermaritzburg. South Africa.
- J. THÉRON, 41 rue Séguier, Nîmes. France.
- Bo TJEDER, Nybrogatan 6, Falun. Sweden.
- E. UHMANN, Lessingstrasse 15, Stollberg-Sachsen. Germany, DDR.
- F. ZUMPT, Dr.Ph., South African Institute for Medical Research, P.O. Box 1038, Johannesburg. South Africa.

South African Animal Life

(1955-1974)

Vol. 4

1957

Contents

CHAPTER I.	Onychophora	7
	<i>by</i> PER BRINCK	
CHAPTER II.	Dermoptera	33
	<i>by</i> W. D. HINCKS	
CHAPTER III.	Neuroptera-Planipennia I	95
	<i>by</i> Bo TJEDER	
CHAPTER IV.	Coleoptera: Cryptophagidae	189
	<i>by</i> NILS BRUCE	
CHAPTER V.	Coleoptera: Mordellidae I	207
	<i>by</i> M. E. FRANCISCOLO	
CHAPTER VI.	Coleoptera: Coccinellidae	292
	<i>by</i> R. D. POPE	
CHAPTER VII.	Coleoptera: Scolytidae & Platypodidae	323
	<i>by</i> KARL E. SCHEDL	
CHAPTER VIII.	Hemiptera Heteroptera: Hydrocorisae & Geocorisae-Gerroidea	327
	<i>by</i> RAYMOND POISSON	
CHAPTER IX.	Hemiptera Heteroptera: Cimicidae	374
	<i>by</i> G. F. FERRIS and R. L. USINGER	
CHAPTER X.	Thysanoptera	377
	<i>by</i> J. C. FAURE	
CHAPTER XI.	Reptilia (Serpentes & Sauria)	385
	<i>by</i> V. FITZSIMONS	
CHAPTER XII.	Aves II	406
	<i>by</i> GUSTAF RUDEBECK	

South African Animal Life

(1955-1974)

Vol. 5

1958

Contents

CHAPTER I.	Porifera	9
	<i>by</i> M. BURTON	
CHAPTER II.	Crustacea: Phyllopoda & Copepoda Calanoida	10
	<i>by</i> VINCENZ BREHM	
CHAPTER III.	Crustacea: Copepoda Harpacticoida	40
	<i>identified by</i> KARL LANG	
CHAPTER IV.	Diplopoda II: Oniscomorpha	41
	<i>by</i> OTTO SCHUBART	
CHAPTER V.	Hemiptera (Heteroptera): Dipsocoridae	109
	<i>by</i> P. WYGODZINSKY	
CHAPTER VI.	Hemiptera (Heteroptera): Emesinae	113
	<i>by</i> P. WYGODZINSKY	
CHAPTER VII.	Hemiptera (Heteroptera): Aradoidea	150
	<i>by</i> LUDVIK HOBERLANDT	
CHAPTER VIII.	Hemiptera (Homoptera): Cixiidae, Meenoplidae, Dictyopharidae, Tropiduchidae, Flatidae, Ricaniidae, Issidae, Eurybrachidae, Lophopidae, Cercopidae	158
	<i>by</i> H. SYNAVE	
CHAPTER IX.	Hemiptera (Homoptera): Cicadidae	190
	<i>by</i> R. J. IZZARD	
CHAPTER X.	Hemiptera (Homoptera): Fulgoroidea	193
	<i>by</i> R. G. FENNAH	
CHAPTER XI.	Coleoptera: Carabidae	212
	<i>by</i> PIERRE BASILEWSKY	
CHAPTER XII.	Coleoptera: Carabidae Pterostichinae	318
	<i>by</i> S. L. STRANEO	

CHAPTER XIII.	Coleoptera: Paussidæ	456
	<i>by</i> A. REICHENSBERGER	
CHAPTER XIV.	Coleoptera: Rhysodidae	464
	<i>by</i> PER BRINCK	
CHAPTER XV.	Coleoptera: Trogidae	473
	<i>by</i> E. HAAF	
CHAPTER XVI.	Coleoptera (Scarabaeidae): Coprinae.	479
	<i>by</i> M. C. FERREIRA	
CHAPTER XVII.	Diptera (Muscidae): Scatomyzinae	517
	<i>by</i> J. R. VOCKEROTH	

South African Animal Life

(1955-1974)

Vol. 6

1959

Contents

CHAPTER I.	Hirudinea	7
	<i>by</i> I. SCIACCHITANO	
CHAPTER II.	Diplopoda: Penicillata	12
	<i>by</i> B. CONDÉ	
CHAPTER III.	Collembola	24
	<i>by</i> J. PACLT	
CHAPTER IV.	Coleoptera (Scarabaeidae): Hopliini	79
	<i>by</i> H. SCHEIN †	
CHAPTER V.	Coleoptera: Bostrychidae	97
	<i>by</i> J.-M. VRYDAGH	
CHAPTER VI.	Coleoptera: Erotylidae	125
	<i>by</i> H. PHILIPP	
CHAPTER VII.	Coleoptera: Endomychidae	127
	<i>by</i> H. F. STROHECKER	
CHAPTER VIII.	Coleoptera: Colydiidae	137
	<i>by</i> R. D. POPE	
CHAPTER IX.	Coleoptera: Monommidae	150
	<i>by</i> H. FREUDE	
CHAPTER X.	Coleoptera: Cerambycidae	152
	<i>by</i> F. F. TIPPMANN	
CHAPTER XI.	Coleoptera: Chrysomelidae I	194
	<i>by</i> G. E. BRYANT	
CHAPTER XII.	Coleoptera: Chrysomelidae II	227
	<i>by</i> J. BECHYNÉ	
CHAPTER XIII.	Coleoptera: Curculionidae part.	239
	<i>by</i> G. A. K. MARSHALL †	
CHAPTER XIV.	Coleoptera (Curculionidae): Brachycerinae	250
	<i>by</i> E. HAAF	
CHAPTER XV.	Neuroptera-Planipennia II	256
	<i>by</i> B. TJEDER	
CHAPTER XVI.	Diptera (Nematocera): Culicidae	315
	<i>by</i> J. MUSPRATT	

CHAPTER XVII.	Diptera (Nematocera): Ceratopogonidae	325
	<i>by</i> B. DE MEILLON	
CHAPTER XVIII.	Diptera (Brachycera): Mydaidae	356
	<i>by</i> M. BEQUAERT	
CHAPTER XIX.	Diptera (Brachycera): Stratiomyiidae	373
	<i>by</i> E. LINDNER	
CHAPTER XX.	Diptera (Brachycera): Phoridae	376
	<i>by</i> E. M. BEYER	
CHAPTER XXI.	Diptera (Brachycera): Dorilaidae-Pipunculidae	390
	<i>by</i> D. E. HARDY	
CHAPTER XXII.	Diptera (Brachycera): Chloropidae	413
	<i>by</i> C. W. SABROSKY	
CHAPTER XXIII.	Diptera (Brachycera): Hippoboscidae	425
	<i>by</i> J. C. BEQUAERT	
CHAPTER XXIV.	Diptera (Brachycera): Streblidae	426
	<i>by</i> B. JOBLING	
CHAPTER XXV.	Diptera (Brachycera): Calliphoridae	427
	<i>by</i> F. ZUMPT	
CHAPTER XXVI.	Hymenoptera: Ichneumonidae	441
	<i>by</i> P. L. G. BENOIT	
CHAPTER XXVII.	Hymenoptera: Gasteruptionidae	483
	<i>by</i> J. J. PASTEELS	
CHAPTER XXVIII.	Hymenoptera: Megalyridae	485
	<i>by</i> K.-J. HEQVIST	
CHAPTER XXIX.	Hymenoptera: Sapygidae	491
	<i>by</i> P. L. G. BENOIT	
CHAPTER XXX.	Hymenoptera: Pompilidae	492
	<i>by</i> G. ARNOLD	
CHAPTER XXXI.	Amphibia	510
	<i>by</i> R. F. INGER	

South African Animal Life

(1955-1974)

Vol. 7

1960

Contents

CHAPTER I.	Oligochaeta part.	9
	<i>by</i> I. SCIACCHITANO	
CHAPTER II.	Crustacea (Decapoda): Potamonidae	13
	<i>by</i> R. BOTT	
CHAPTER III.	Isoptera	19
	<i>by</i> CH. NOIROT	
CHAPTER IV.	Coleoptera: Silphidae, Catopidae & Colonidae	25
	<i>by</i> H. SCHWEIGER	
CHAPTER V.	Coleoptera (Melolonthidae): Dynastinae	34
	<i>by</i> S. ENDRÖDI	
CHAPTER VI.	Coleoptera (Scarabaeidae): Cetoniinae & Trichiinae	83
	<i>by</i> H. SCHEIN †	
CHAPTER VII.	Coleoptera: Cantharidae, Malachiidae & Dasytidae	113
	<i>by</i> W. WITTMER	
CHAPTER VIII.	Coleoptera: Cleridae	128
	<i>by</i> J. R. WINKLER	
CHAPTER IX.	Coleoptera: Anthribidae	163
	<i>by</i> P. WOLFRUM	
CHAPTER X.	Neuroptera Planipennia III: Psychopsidae	164
	<i>by</i> B. TJEDER	
CHAPTER XI.	Diptera (Nematocera): Bibionidae	210
	<i>by</i> E. HARDY	
CHAPTER XII.	Diptera (Brachycera): Rhagionidae	216
	<i>by</i> B. STUCKENBERG	
CHAPTER XIII.	Diptera (Brachycera): Otitidae	309
	<i>by</i> G. C. STEYSKAL	
CHAPTER XIV.	Diptera (Brachycera): Dolichopodidae	316
	<i>by</i> P. VANSCHUYTBROECK	

CHAPTER XV.	Diptera (Brachycera): Agromyzidae	325
	<i>by</i> K. A. SPENCER	
CHAPTER XVI.	Diptera (Brachycera): Lonchaeidae	327
	<i>by</i> J. F. McALPINE	
CHAPTER XVII.	Diptera (Brachycera): Sepsidae	377
	<i>by</i> W. HENNIG	
CHAPTER XVIII.	Diptera (Brachycera): Camillidae, Curtonotidae & Drosophilidae	381
	<i>by</i> W. HACKMAN	
CHAPTER XIX.	Diptera (Brachycera): Canaceidae & Ephydriidae	390
	<i>by</i> W. W. WIRTH	
CHAPTER XX.	Diptera (Brachycera, Muscidae): Muscinae & Lispinae	397
	<i>by</i> H. E. PATERSON	
CHAPTER XXI.	Diptera (Brachycera): Trypetidae	402
	<i>by</i> H. K. MUNRO	
CHAPTER XXII.	Hymenoptera (Chalcidoidea): Cleonymidae	415
	<i>by</i> K. J. HEQVIST	
CHAPTER XXIII.	Hymenoptera (Chalcidoidea): Elasmidae	419
	<i>by</i> K. J. HEQVIST	
CHAPTER XXIV.	Hymenoptera (Chalcidoidea): Mymaridae	424
	<i>by</i> K. J. HEQVIST	
CHAPTER XXV.	Hemiptera (Homoptera): Membracidae	434
	<i>by</i> A. L. CAPENER	
CHAPTER XXVI.	Hemiptera (Heteroptera): Miridae	446
	<i>by</i> J. C. M. CARVALHO, J. A. P. DUTRA and J. BECKER	
CHAPTER XXVII.	Hemiptera (Heteroptera): Coreidae	478
	<i>by</i> R. J. IZZARD.	

South African Animal Life

(1955-1974)

Vol. 8

1961

Contents

CHAPTER I.	Opiliones	9
	<i>by</i> H. KAURI	
CHAPTER II.	Coleoptera: Cossyphodidae	198
	<i>by</i> H. ANDREAE	
CHAPTER III.	Coleoptera: Anthicidae	217
	<i>by</i> J. C. VAN HILLE	
CHAPTER IV.	Coleoptera (Staphylinidae): Paederinae	259
	<i>by</i> G. FÄGEL	
CHAPTER V.	Neuroptera Planipennia IV: Hemerobiidae	296
	<i>by</i> B. TJEJEDER	
CHAPTER VI.	Diptera (Nematocera): Thaumaleidae	409
	<i>by</i> B. R. STUCKENBERG	
CHAPTER VII.	Diptera (Brachycera): Nemestrinidae	413
	<i>by</i> F. M. HULL	
CHAPTER VIII.	Diptera (Brachycera): Diopsidae	415
	<i>by</i> A. C. VAN BRUGGEN	
CHAPTER IX.	Hymenoptera (Aculeata): Vespidae	440
	<i>by</i> A. G. SOIKA	
CHAPTER X.	Hemiptera (Homoptera): Cicadellidae	452
	<i>by</i> R. LINNAVUORI	
CHAPTER XI.	Hemiptera (Homoptera): Psyllidae	487
	<i>by</i> G. HESLOP-HARRISON	
CHAPTER XII.	Hemiptera (Heteroptera): Anthocoridae	533
	<i>by</i> J. CARAYON	

South African Animal Life

(1955-1974)

Vol. 9

1963

Contents

CHAPTER I.	Blattariae	9
	<i>by</i> K. PRINCIS	
CHAPTER II.	Hemiptera (Homoptera): Aphididae	319
	<i>by</i> F. P. MÜLLER	
CHAPTER III.	Hemiptera (Heteroptera): Hemicoptera	324
	<i>by</i> A. M. VILLIERS	
CHAPTER IV.	Trichoptera	337
	<i>by</i> S. JACQUEMART	
CHAPTER V.	Diptera (Brachycera): Acroceridae	416
	<i>by</i> E. I. SCHLINGER	
CHAPTER VI.	Aves III	418
	<i>by</i> G. RUDEBECK	

South African Animal Life

(1955-1974)

Vol. 10

1964

Contents

CHAPTER I.	Hemiptera (Heteroptera) Nabidae	9
	<i>by</i> R. REMANE	
CHAPTER II.	Hemiptera (Heteroptera) Lygaeidae.	15
	<i>by</i> J. A. SLATER	
CHAPTER III.	Diptera (Nematocera) Tipulidae	229
	<i>by</i> Ch. P. ALEXANDER	
CHAPTER IV.	Diptera (Brachycera) Coelopidae	442
	<i>by</i> P. ARDÖ	
CHAPTER V.	Diptera (Brachycera) Syrphidae	443
	<i>by</i> F. M. HULL	

South African Animal Life

(1955-1974)

Vol. 11

1965

Contents

CHAPTER I.	Crustacea: Ostracoda	9
	<i>by</i> D. R. ROME	
CHAPTER II.	Coleoptera: Dytiscidae	59
	<i>by</i> J. OMER-COOPER	
CHAPTER III.	Coleoptera: Heteroceridae	215
	<i>by</i> R. CHARPENTIER	
CHAPTER IV.	Coleoptera: Mordellidae II.	344
	<i>by</i> M. E. FRANCISCOLO	
CHAPTER V.	Diptera (Nematocera): Scatopsidae.	469
	<i>by</i> E. F. COOK	
CHAPTER VI.	Diptera (Brachycera): Bombyliidae, Cyrtosiinae	482
	<i>by</i> A. J. HESSE	
CHAPTER VII.	Diptera (Brachycera): Sphaeroceridae (Borboridae).	485
	<i>by</i> W. HACKMAN	

South African Animal Life

(1955-1974)

Vol. 12

1966

Contents

CHAPTER I.	Diplopoda III: Pselaphognatha, Opisthospermophora, Colobognatha	9
	<i>von</i> OTTO SCHUBART †	
CHAPTER II.	Neuroptera-Planipennia	
	5. Family Chrysopidae	228
	<i>by</i> BO TJEDER	

South African Animal Life

(1955-1974)

Vol. 13

1967

Contents

CHAPTER I.	Coleoptera: Haliplidae	9
	<i>by</i> V. B. GUÉORGUIEV	
CHAPTER II.	Coleoptera: Scydmaenidae	15
	<i>by</i> H. FRANZ	
CHAPTER III.	Coleoptera: Cybocephalidae	38
	<i>by</i> S. ENDRÓDY-YOUNGA	
CHAPTER IV.	Coleoptera: Lycidae	45
	<i>by</i> M.-L. GOMES ALVES	
CHAPTER V.	Coleoptera: Lampyridae	57
	<i>by</i> F. A. McDERMOTT†	
CHAPTER VI.	Coleoptera: Mordellidae III	67
	<i>by</i> M. E. FRANCISCOLO	
CHAPTER VII.	Coleoptera: Languriidae	204
	<i>by</i> A. VILLIERS	
CHAPTER VIII.	Coleoptera: Brentidae	213
	<i>by</i> R. DAMOISEAU	
CHAPTER IX.	Diptera (Brachycera): Empididae	217
	<i>by</i> K. G. V. SMITH	
CHAPTER X.	Diptera (Brachycera): Asilidae	234
	<i>by</i> F. M. HULL	
CHAPTER XI.	Diptera (Brachycera): Conopidae	284
	<i>by</i> K. G. V. SMITH	
CHAPTER XII.	Diptera (Brachycera): Pyrgotidae	288
	<i>by</i> P. VANSCHUYTBROECK	
CHAPTER XIII.	Neuroptera-Planipennia	290
	6. Family Nemopteridae	
	<i>by</i> B. TJEDER	
CHAPTER XIV.	Hymenoptera: Sphecidae	502
	<i>by</i> J. DE BEAUMONT	
CHAPTER XV.	Hemiptera (Heteroptera): Berytidae	513
	<i>by</i> J. M. ŠTUSÁK	

South African Animal Life

(1955-1974)

Vol. 14

1970

Contents

CHAPTER I.	Turbellaria (Addenda) <i>by</i> E. MARCUS †	9
CHAPTER II.	Acari (Mesostigmata): Macrochelidae <i>by</i> G. W. KRANTZ	19
CHAPTER III.	Ephemeroptera des faunes éthiopienne et malgache <i>by</i> G. DEMOULIN	24
CHAPTER IV.	Hemiptera (Homoptera): Coccoidea <i>by</i> D. MATILE-FERRERO	171
CHAPTER V.	Coleoptera: Scydmaenidae Mastigini <i>by</i> N. LELEUP	186
CHAPTER VI.	Coleoptera: Buprestidae <i>by</i> A. DESCARPENTRIES	190
CHAPTER VII.	Coleoptera: Dryopidae et Elminthidae <i>by</i> J. DELÈVE	216
CHAPTER VIII.	Coleoptera: Cryptophagidae Atomariinae <i>by</i> C. JOHNSON	228
CHAPTER IX.	Coleoptera: Lathridiidae <i>by</i> R. DAJOZ	230
CHAPTER X.	Coleoptera: Endomychidae (suppl.) <i>by</i> R. DAJOZ	245
CHAPTER XI.	Coleoptera: Lamellicornia Melolontidae Rutelinae <i>by</i> J. W. MACHATSCHKE	249
CHAPTER XII.	Coleoptera: Bruchidae <i>by</i> J. DECELLE	256
CHAPTER XIII.	Diptera (Brachycera): Muscidae Fanniinae <i>by</i> J. G. CHILLCOTT † and A. C. PONT	267
CHAPTER XIV.	Diptera (Brachycera): Tachinidae (excl. Siphonina) <i>by</i> J. VERBEKE	268
CHAPTER XV.	Diptera (Brachycera): Scenopinidae, Heleomyzidae, Milichiidae, Ephydriidae (suppl.), and Oestridae <i>by</i> B. H. COGAN	301
CHAPTER XVI.	Hymenoptera: Proctotrupeoidea <i>by</i> A. SUNDHOLM	306
CHAPTER XVII.	Hymenoptera (Chalcidoidea): Eupelmidae <i>by</i> K.-J. HEDQVIST	402
CHAPTER XVIII.	Non-marine Mollusca <i>by</i> A. C. VAN BRUGGEN	444

South African Animal Life

(1955-1974)

Vol. 15

1974

Contents

CHAPTER I.	Isopoda: Flabellifera Sphaeromatidae	9
	<i>by</i> K. P. JANSEN	
CHAPTER II.	Coleoptera: Elateridae	12
	<i>by</i> L. LAURENT	
CHAPTER III.	Coleoptera: Limnichidae	40
	<i>by</i> J. DELÈVE	
CHAPTER IV.	Coleoptera: Georissidae.	42
	<i>by</i> J. DELÈVE	
CHAPTER V.	Coleoptera: Staphylinidae	43
	<i>by</i> O. SCHEERPELTZ	
CHAPTER VI.	Coleoptera: Curculionidae	395
	<i>by</i> E. VOSS	
CHAPTER VII.	Coleoptera: Pselaphidae	480
	1. Batrisini, Goniacerini, Ctenistini, Tmesiphorini et Tyrini	
	<i>by</i> N. LELEUP	
CHAPTER VIII.	Coleoptera Pselaphidae	509
	2. Radamini (Clavigerinae)	
	<i>by</i> M.-J. CÉLIS	
CHAPTER IX.	Diptera: Mycetophilidae Keroplatinae	511
	<i>by</i> L. MATILE	