

Contents

Foreword (Yves Coppens)	7
Preface (Loïc Ségalen)	8
Introduction	9
Geological and Geochronological Contexts	9
Abbreviations	10
Materials and methods	10
Inter-observer differences	11
Relationship between lengths of Upper and lower molar rows	13
The status of KNM SO 417	14
Classification of the Napak anthropoids	16
Systematic descriptions	17
Superfamily Cercopithecoidea Gray, 1821	17
Family Victoriapithecidae Von Koenigswald, 1969	17
Genus <i>Victoriapithecus</i> Von Koenigswald, 1969	17
Species <i>Victoriapithecus</i> sp.	17
Superfamily Dendropithecoidea, Harrison, 2002	21
Family Dendropithecidae, Harrison, 2002	21
Genus <i>Dendropithecus</i> Andrews & Simons, 1977	21
Species <i>Dendropithecus ugandensis</i> Pickford et al. 2010	22
Genus <i>Micropithecus</i> Fleagle & Simons, 1978	28
Species <i>Micropithecus clarki</i> Fleagle & Simons, 1978	29
Species <i>Micropithecus clarki</i> Fleagle & Simons, 1978	48
Species <i>Micropithecus leakeyorum</i> Harrison, 1989a	48
Species <i>Micropithecus chamtwarensis</i> nov.	48
Superfamily Proconsuloidea Leakey, 1963	50
Genus <i>Proconsul</i> Hopwood, 1933a	50
Species <i>Proconsul africanus</i> Hopwood, 1933a	50
Genus <i>Ugandapithecus</i> Senüt et al. 2000	55
Species <i>Ugandapithecus legetetensis</i> Pickford et al. 2010	55
Genus <i>Karamojapithecus</i> Pickford et al. 2010	56
Species <i>Karamojapithecus akisimia</i> Pickford et al. 2010	56
Genus <i>Turkanapithecus</i> Leakey & Leakey 1986b	62
Species <i>Turkanapithecus rusingensis</i> Pickford et al. 2010	62
Species <i>Turkanapithecus kalakolensis</i> Leakey & Leakey, 1986b	62
Species <i>Turkanapithecus rusingensis</i> Pickford et al. 2010	63
Genus <i>Kalepithecus</i> Harrison 1988	63
Species <i>Kalepithecus songhorensis</i> (Andrews, 1978)	63
Superfamily <i>Incertae sedis</i>	75
Genus <i>Limnopithecus</i> Hopwood, 1933a	75
Species <i>Limnopithecus legetet</i> Hopwood, 1933a	75
Genus <i>Lomorupithecus</i> Rossie & MacLatchy, 2006	80
Species <i>Lomorupithecus evansi</i> (MacInnes, 1943)	80
Genus <i>Iriripithecus</i> Pickford et al. 2010	93
Species <i>Iriripithecus alekileki</i> Pickford et al. 2010	93
Genus <i>Incertae sedis</i>	100
Species <i>Incertae sedis</i>	100
Metric analyses	103
General discussion	121
Conclusions	124
Acknowledgements	125
References	125
Annex: Comments on <i>Simiolus minutus</i>, a poorly known late middle Miocene small catarrhine from Kenya (Martin PICKFORD and Brigitte SENUT)	129