

Contents

Introduction

List of Plates

Introduction – <i>D. E. Wilson</i>	11
Evolution, phylogeny, ecology and conservation of the Clade Glires: Lagomorpha and Rodentia – <i>T. E. Lacher, Jr, W. J. Murphy, J. Rogan, A. T. Smith & N. S. Upham</i>	15
Order LAGOMORPHA	
Family OCHOTONIDAE (PIKAS) – <i>A. A. Lissovsky</i>	28
Family LEPORIDAE (HARES AND RABBITS) – <i>S. C. Schai-Braun & K. Hackländer</i>	62
Order RODENTIA	
Family CASTORIDAE (BEAVERS) – <i>P. E. Busher</i>	150
Family HETEROMYIDAE (POCKET MICE, KANGAROO MICE AND KANGAROO RATS) – <i>D. J. Hafner</i>	170
Family GEOMYIDAE (POCKET GOPHERS) – <i>M. S. Hafner</i>	234
Family ANOMALURIDAE (ANOMALURES) – <i>S. M. Jackson</i>	270
Family PEDETIDAE (SPRINGHARES) – <i>R. López-Antoñanzas</i>	280
Family CTENODACTYLIDAE (GUNDIS) – <i>R. López-Antoñanzas</i>	288
Family DIATOMYIDAE (KHA-NYOU) – <i>P. D. Jenkins</i>	300
Family HYSTRICIDAE (OLD WORLD PORCUPINES) – <i>E. L. Barthelmess</i>	304
Family THRYONOMYIDAE (CANE RATS) – <i>R. López-Antoñanzas</i>	330
Family PETROMURIDAE (NOKI) – <i>R. López-Antoñanzas</i>	336
Family HETEROCEPHALIDAE (NAKED MOLE-RAT) – <i>B. D. Patterson</i>	342
Family BATHYERGIDAE (AFRICAN MOLE-RATS) – <i>R. L. Honeycutt</i>	352
Family ERETHIZONTIDAE (NEW WORLD PORCUPINES) – <i>E. L. Barthelmess</i>	372
Family CUNICULIDAE (PACAS) – <i>R. Samudio, Jr</i>	398
Family CAVIIDAE (CAVIES, CAPYBARAS AND MARAS) – <i>T. E. Lacher, Jr.</i>	406
Family DASYPROCTIDAE (AGOUTIS AND ACOUCHYS) – <i>J. A. Gilbert & T. E. Lacher, Jr.</i>	440
Family CHINCHILLIDAE (VISCACHAS AND CHINCHILLAS) – <i>A. E. Spotorno & P. Valladares Faúndez</i>	462
Family DINOMYIDAE (PACARANA) – <i>M. A. Mares & J. K. Braun</i>	482
Family ABROCOMIDAE (CHINCHILLA RATS AND INCA RATS) – <i>L. H. Emmons</i>	488
Family CTENOMYIDAE (TUCO-TUCOS) – <i>T. R. O. Freitas</i>	498
Family OCTODONTIDAE (VISCACHA RATS, DEGUS, ROCK RATS AND CORURO) – <i>A. A. Ojeda</i>	536
Family ECHIMYIDAE (HUTIAS, COYPU AND SOUTH AMERICAN SPINY-RATS) – <i>P.-H. Fabre, J. L. Patton & Y. L. R. Leite</i>	552
Family APLODONTIIDAE (MOUNTAIN BEAVER) – <i>S. S. B. Hopkins</i>	642
Family SCIURIDAE (TREE, FLYING AND GROUND SQUIRRELS, CHIPMUNKS, MARMOTS AND PRAIRIE DOGS) – <i>J. L. Koprowski, E. A. Goldstein, K. R. Bennett & C. Pereira Mendes</i>	648
Family GLIRIDAE (DORMICE) – <i>M. E. Holden-Musser, R. Juškaitis & G. M. Musser</i>	838
References	
References of Scientific Descriptions	893
General List of References	903
Index	961