

Systematic Index

- Absarokius* 240, 243, 245, 254, 260, 631
Adapid: *see* Adapidae
Adapidae, 236–237, 240, 243, 245, 248–249, 251–252, 254–257, 260–261, 263–265, 268–270, 273, 364, 367, 386, 389, 392–393, 426, 428–429, 432–434, 463–464, 497, 500, 502, 504, 516, 522, 527–529, 535–537, 555, 595–597, 603, 605, 607, 610–611, 628, 630, 632, 637, 642, 651–653, 657–658, 675, 678–682, 685–687, 690–693
Adapis, 257, 463–464, 476, 491, 494, 498, 500, 502–503, 511, 513–514, 516, 519, 521, 523, 527, 536, 599, 600, 605, 611, 625, 632, 635, 637, 652–654, 657
Aegyptopithecus, 240–241, 243, 246, 251, 255–256, 260, 264, 361, 367, 385, 422–423, 426, 476–477, 479, 487, 488, 496–498, 500, 502–503, 506, 511–513, 516, 519, 521, 523, 527, 530, 533, 600, 605, 610, 619, 622, 641–642, 644–646, 656, 684
Afrotarsiidae, 434
Afrotarsius, 427, 428, 657, 686
Agerina, 261–262
Ailuropoda, 453
Algeripithecus, 237, 240–244, 246–249, 251–252, 254–260, 263–266, 268–270, 272–273, 427, 432, 642, 658
Alouatta, 496–497, 500, 513, 519, 521, 619
Altanius, 237, 243, 245, 254, 256, 263, 393, 427, 657
Amhipithecus, 236, 428–429, 432, 642
Anaptomorphinae, 240, 243, 245, 247, 249, 252, 254, 264, 273, 517, 651
Anchomomyinae: *see* Anchomomyini
Anchomomyini, 260, 268–269, 273
Anchomomys, 251, 252, 263, 268
Anomalurid: *see* Anomaluridae
Anomaluridae, 239
Anthrodus, 236
Anthropodea, 235, 361, 364, 367, 386, 389, 392–393, 398–399, 406, 408, 411, 420, 426–433, 448, 450–451, 455–457, 459, 461, 464–465, 469–471, 474–479, 482, 485–487, 491, 493–496, 498, 500–503, 510, 511, 513–514, 516, 518–520, 522–524, 527–530, 533–538, 549–551, 553–558, 560–563, 595–597, 601–602, 605, 610–611, 622, 625, 630, 632–633, 637, 639, 641–642, 644–646, 649–658, 675–678, 681–694; *see also* Simiiformes
Anthropoid: *see* Anthropodea
Anthropoidian: *see* Anthropodea
Aotus, 477, 479, 497, 512, 531, 560, 622, 640, 642, 645–646, 650, 656
Apidium, 241, 242, 243, 246, 251, 254–255, 367, 409, 411–412, 432, 476, 502, 600–601, 603, 605, 607, 610, 619, 622, 630–631, 633, 637, 639–640, 644–646, 650–652, 656, 685
Archaeoindris, 452
Archaeolemur, 452, 454, 476

- Archeolemurinae 452, 464
 Archonta 678
 Arctoid: *see* Arctoidea
 Arctoidea, 495
Arctonyx, 453
Arsinoea, 367, 408–409, 431–432, 685, 693
 Artiodactyl: *see* Artiodactyla
 Artiodactyla, 509
Asioryctes, 509, 516, 519
Ateles, 513, 619
- Biretia*, 237–238, 411–412, 642
Brachytelés, 476, 619
 Bradypodid: *see* Bradypodidae
 Bradypodidae, 495
Bradypus, 495
Branisella, 243, 246, 249, 252, 255–256
- Cacajao*, 512
Caenopithecus, 464
Callicebus, 269, 497, 519, 513, 531, 603, 606–607, 610, 619, 622, 625, 628, 639–640, 642, 645–646, 650, 656
Callimico, 255, 269, 428, 464, 512, 650
Callithrix, 269, 477, 479, 497, 512, 563
 Callitrichid: *see* Callitrichidae
 Callitrichidae, 243, 257, 385, 517, 531, 619, 646, 658
 Callitrichine: *see* Callitrichidae
 Canid: *see* Canidae
 Canidae, 464
Cantius, 240, 245–246, 249, 252, 254, 257, 273, 392, 429, 600
 Carnivora, 495, 509
 Carnivore: *see* Carnivora
 Catarrhine: *see* Catarrhini
 Catarrhini, 236, 237, 264–265, 361, 364, 385, 420, 422–423, 426–427, 429–431, 434, 502, 605, 607, 619, 622, 625, 631, 640–641, 643–646, 649–651, 655–656, 658, 676, 684–685, 689
Catopithecus, 236, 242, 246, 252, 254, 256, 259, 264, 364, 367, 411, 420, 426, 432, 502, 527, 529, 685
Cebuella, 269
Cebupithecia, 600
Cebus, 497, 512–513, 559, 625, 637, 640, 642, 645–646, 656
Cercamoni, 240, 246, 252, 261, 268–269, 273, 464, 497, 679–681, 685–686, 691
Cercopithecus, 248, 364, 422, 451, 461, 513, 619, 631, 642–645, 656, 676
Chambius, 239
Cheirogaleus, 476, 496–497, 502, 513–514, 516, 524, 600, 611, 625 630, 640, 646, 654
- Chiroptera 495, 509
Chumashius, 249, 252, 261, 398
 Colobine: *see* Colobini
 Colobinae, 497
 Condylarth: *see* Condylarthra
 Condylarthra, 429
Copelemur, 252
 Cynoid: *see* Cynoidea
 Cynoidea, 495
- Dasypus*, 495
Daubentonia, 456, 476, 516, 521, 600, 625, 628, 654–655
 Dermoptera 385, 678
Djebelemur, 237, 242–243, 246, 251–252, 254, 259–266, 268–270, 272–273
Dolichocebus, 423
Donrussellia, 245, 249, 252, 255–256, 263, 265–266, 268, 270, 272, 393
- Eulemur*: *see* Lemur
Erythrocebus, 476
 Euprimates, 236–237, 243, 245, 254, 256–257, 263–264, 266, 678 530, 535
Europolemur, 248–249, 252, 262, 268, 529
 Eutheria, 494, 509, 519, 602, 632, 637
- Feloid: *see* Feloidea
 Feloidea, 495
- Galagid: *see* Galagidae
 Galagidae, 502, 630
Galago, 469–470, 476, 482, 509, 511, 512, 516, 558, 640
Gazinius, 240, 243, 245, 254
- Hadropithecus*, 452, 560
Hapalemur, 451, 461, 476, 514,
 Haplorhine: *see* Haplorhini
 Haplorhini, 364, 389, 392, 427, 430, 432, 434, 470, 476, 479, 510, 523, 530–531, 534, 536, 550–551, 554–556, 563, 605–606, 610, 628, 630–632, 643, 655, 677, 690
Helarctos, 453
Hemiacodon, 531, 600, 603, 605–607, 610–611, 619, 624–625, 628–629, 630–633, 637, 640–641, 653, 655
Herpestes, 464
 Hominid: *see* Hominidae
 Hominidae, 687
 Hominoid: *see* Hominoidea
 Hominoidea, 248, 364, 428, 497, 619, 630, 642–645, 656, 676
Homo, 236, 476, 513, 554, 560
Homunculus, 600, 619

- Huerzeleris*, 268
Hylobates, 600, 619, 625, 631, 645
 Hyracoid: *see* Hyracoidea
 Hyracoidea, 238–239, 691
- Ignacius*, 476, 491, 493, 505, 507–509, 514,
 516, 518, 521–524, 528, 530, 534, 537
Indradoris, 464
Indri, 461, 476, 514, 535
 Insectivora, 257, 263
 Ischyromyid: *see* Ischyromyidea
 Ischyromyidea, 239
- Kennalestes*, 509, 516, 519
- Lagomorpha 495
Lagothrix, 513, 519, 619
 Lemur, 262, 264, 270, 450–451, 454, 461–
 464, 469–470, 476, 479, 482, 487–488,
 491, 493, 497, 502–504, 511, 514, 516,
 535–537, 600, 625, 646, 678, 680
Leontopithecus, 464, 479, 497, 512
Lepilemur, 514
Leptadapis, 251–252, 254, 257, 259, 269, 463–
 464, 502–503, 516, 521, 600, 605, 611,
 625, 628, 632, 635, 641, 652, 657
Loris, 469–470, 476, 482, 494, 496–497, 502,
 511, 514, 516–517, 521, 534, 537 554, 561,
 680
Loveina, 393
- Macaca*, 452, 476, 479, 497, 631
 Macroscelidid: *see* Macroscelididae
 Macroscelididae, 239
 Macrotarsius, 254, 257, 682
Mahgarita, 252, 367, 392–393, 426, 429, 432,
 464, 471, 474–476, 479, 491, 494, 497,
 500, 503–504, 506, 509, 511, 516–524,
 527–528, 532–534, 537, 680–681
 Marsupial: *see* Marsupialia
 Marsupialia, 509
 Megachiroptera, 557
 Megaladapinae, 452, 464
Megaladapis, 269, 452, 454, 631
Megalohyrax, 238
Mellivora, 453
Mesopropithecus, 476
Microadapis, 251
Microcebus, 270, 476, 479, 509, 512
 Microchiroptera, 530, 557
 Microchoerid: *see* Microchoeridae
 Microchoeridae, 236, 240, 245, 249, 251–
 252, 255, 261, 263–266, 269–270, 273,
 Microchoeridae, (*cont.*)
 471, 476, 505–506, 511, 516–517, 519,
 522, 537, 555, 651, 656, 682
Microhyrax, 238
Moeripithecus, 240–241, 243, 246, 249, 251,
 255, 260, 264, 268, 684
Morganucodon, 509
Mydaus, 453
- Nannopithecus*, 249, 251, 256–257, 261, 264,
 266, 270, 392, 407, 429
Nasalis, 476, 600, 629, 631
Necrolemur, 251, 261, 264, 471, 475–476, 491,
 493–494, 497–498, 500, 502, 504–509,
 511, 514, 516–523, 532–533, 536–537,
 556, 559, 682, 690
Northarctus, 246, 249, 252, 257, 261, 385,
 463–464, 476, 491, 494, 498, 500, 505,
 507, 511, 513, 519, 521, 523, 534, 600,
 603, 605, 610–611, 625, 679–681
- Ochotonidae, 495
 Oligopithecoid: *see* Oligopithecidae
 Oligopithecidae, 236–238, 242, 246, 248,
 252, 255–260, 263, 265, 361, 364, 408–
 409, 411, 420, 422–423, 426, 429–432,
 434, 642, 649, 684–687, 691, 693
 Oligopithecine: *see* Oligopithecidae
Oligopithecus, 236, 242, 246, 252, 256, 259,
 265, 269, 364, 367, 420, 426, 529, 684
 Omomyid: *see* Omomyidae
 Omomyidae, 236–237, 240, 243, 245, 248,
 249, 251–252, 254–257, 261, 263–266,
 269–270, 273, 364, 367, 385–386, 392–
 393, 398–399, 427–428, 430, 434, 470–
 471, 475–476, 479, 491, 493–494, 498,
 500, 502, 504, 507, 513, 517–518, 524,
 528–537, 555–556, 595–597, 600, 603,
 605–607, 619, 625, 630–633, 637, 651–
 658, 676, 678, 681–683, 687, 689, 691–
 692
 Ostracoda, 238
Otolemur, 476, 600, 611, 640, 646, 655
Ourayia, 257, 392, 683
- Pachyhyrax*, 238
Palaechthon, 516
 Palaeopropithecinae, 452, 464
Palaeopropithecus, 452, 454
Palaeoryctes, 530
 Paleopithecini, 474
Paleopropithecus, 521, 523
Pan, 600, 619, 625, 630–631, 645
Papio, 452
Paraonyx, 453

- Parapithecoid: *see* Parapithecidae
 Parapithecidae, 241–243, 247–249, 251, 255, 259–260, 263–265, 254, 256, 270, 361, 364, 367, 408–409, 411–412, 420–423, 426–427, 429–432, 596, 601, 603, 605, 607, 619, 646, 649–651, 655–656, 683–687, 689, 693
Parapithecus, 241–242, 255, 269–270, 367, 408–409, 412, 420, 434, 685
Pararyctes, 530
Pelycodus, 240, 243, 246, 257, 263, 273
Pericondon, 240–241, 243, 246–249, 254, 260–263, 268, 273
Perodicticus, 248, 476
Phaner, 514
Phenacolemur, 491, 493, 508, 530
Philisis, 239
 Pholidotan: *see* Pholidota
 Pholidota, 495
 Phiomyidae, 237
Pithecia, 476, 619, 629
 Pitheciid: *see* Pithecidae
 Pitheciidae, 513, 523, 619, 625
 Pitheciine: *see* Pithecidae
 Platyrrhini: *see* Platyrrhini
 Platyrrhini, 236, 243, 246–249, 252, 255–257, 260, 263, 265, 269–270, 361, 364, 367, 385, 408–409, 411, 420, 422–423, 426, 428–429, 430–432, 434, 502, 561, 603, 605, 619, 628, 633, 641, 644, 646, 649–651, 655–656, 658, 676, 684–687, 693
 Plesiadapid: *see* Plesiadapidae
 Plesiadapidae, 491, 493, 502, 601
 Plesiadapiform: *see* Plesiadapiformes
 Plesiadapiformes, 237, 243, 245, 257, 385, 433–434, 491, 497, 508, 601, 678–679, 692
Plesiadapis, 476, 508, 514, 516, 518, 521–524, 530, 534
Plesiopithecus, 684
Pliopithecus, 600, 619, 625, 645, 684
Pondaungia, 236, 429, 432
Pongo, 513
Presbytis, 476, 600, 631, 644
Proboscidea, 495, 691
Pronycticebus, 252, 476, 502, 514
Propithecus, 476, 479, 530, 535–536
Proplopithecus, 237–238, 240–244, 246, 248–249, 251, 254–260, 263–264, 269, 361, 364, 409, 422, 426, 431–432, 600, 605, 642, 644, 649, 656, 684–685, 687, 693
 Prosimii, 273, 367, 385, 432, 452, 454, 456–461, 463, 470, 505, 527, 535, 550, 555, 563, 596, 606, 610–611, 622, 633, 635, 637, 643, 645, 655, 677–680, 685–687, 689, 691–694
Proteopithecus, 236, 242, 246, 252, 254–255, 259, 272, 428, 432, 684
Protoadapis, 248–249, 251, 268
Protophiomys, 237
Pseudoloris, 263–264, 273, 511, 682
Ptilocercus, 491, 507
Purgatorius, 385, 386, 389, 392, 434, 678
Qatrania, 242, 248, 268, 270, 367, 408–409, 411–412, 430, 651, 686
 Rhinolophoid: *see* Rhinolophoidea
 Rhinolophoidea, 240
Rhinopithecus, 600, 631
 Rodentia, 495
Rooneyia, 251, 255, 476, 491, 493, 497, 500, 502–506, 511, 514, 516–517, 519–521, 528, 532, 536–537, 683
Saguinus, 428, 497, 512, 619, 633, 637
Saimiri, 242–243, 246, 249, 252, 254–257, 269–270, 497, 519, 521, 531, 554, 622, 633, 650, 656, 678
 Scandentia, 386, 678
Serapia, 367, 408–409, 685, 693
Shoshonius, 471, 475–476, 479, 491, 493, 497–498, 500, 502, 505–509, 511, 514, 516–517, 530–534, 537, 556, 681–683, 690
 Simian, 242, 243, 245, 249, 256, 259, 263–264, 268–270, 272
 Simiiform: *see* Simiiformes
 Simiiformes, 236–237, 240, 254–257, 261–263, 265, 269, 272–273; *see also* Anthropoidea
Simonsius, 241, 246, 251, 367, 408–409, 411–412, 420
Sivaladapis, 464
Smilodectes, 476, 491, 498, 500, 502, 507, 521, 523, 534, 536
Steinius, 392
 Strepsirhine: *see* Strepsirhini
 Strepsirhini, 248, 389, 392, 432, 434, 470–471, 475, 508, 513, 518, 529, 535–536, 550, 555, 597, 600, 605, 610, 619, 622, 625, 630–631, 637, 640–641, 646, 652–653, 655, 657–658, 680, 682, 690–691
Strigorhysis, 240, 245, 254, 257
Suillotaxus, 453
Suricata, 464
Szalatauvus, 243, 252, 254, 256

- Tabellia*, 237, 242–243, 251–252, 254, 260, 262–265, 272
- Tarsier: *see* *Tarsius*
- Tarsius*, 236–237, 364, 367, 389, 392–393, 398–399, 428, 430, 432, 469–471, 474–479, 482–483, 485–487, 493–494, 496–498, 500–503, 505–510, 511–514, 516–524, 527–534, 536–538, 550–551, 553–563, 597, 600, 605, 610–611, 619, 625, 628–629, 630, 632–633, 637, 640–641, 644, 646, 652–655, 658, 675–678, 680–683, 690
- Taxidea*, 453
- Teilhardina*, 240, 245, 248–249, 254–256, 263–266, 270, 392–393, 398, 517, 531
- Tetoni*us, 240, 476, 491, 494, 498, 500, 502, 505, 508–509, 511, 514, 516–518, 521,
- Tetoni*us (*cont.*)
530–533, 536–537, 555, 681–682, 690
- Titanohyrax*, 238–239
- Tupaia*, 476, 491, 497, 500, 507–508, 514, 516, 518, 521, 524
- Utahia* 261
- Varecia*, 476
- Vespertilionoid: *see* Vespertilionoidea
- Vespertilionoidea, 240
- Victoriapithecus*, 422
- Vincelestes*, 508
- Washakius*, 392–393, 531, 537, 683
- Xenarthra, 495

Geological/Geographic Index

- Adrar Mgorn, Morocco, 181, 184, 298
- Africa, 11, 12, 16, 20–22, 51, 92, 116, 119, 120, 123, 144, 145, 155, 159, 164, 173–175, 181, 183, 195, 197, 198, 235–237, 239, 243, 247, 250, 253, 262–264, 266, 268, 272–274, 277, 280–281, 285, 288–290, 297–300, 302–305, 307–313, 315, 318–325, 347, 353–355, 361–362, 364, 427, 428, 432, 595, 601, 656–658, 675, 679, 680, 682–683, 686–687, 691, 693–694
- Afro-Arabian region, continent, 204, 289, 300–301, 303, 353
- Albian, 303
- Algeria, 21, 92, 181, 184, 287, 298, 309–310, 315, 323, 325, 354, 411, 427
- Alpine mountain chain, 300–301
- Anhui Province, China, 8
- Arabian peninsula, 286, 300, 302, 303, 353, 595, 601
- Argentina, 381
- Arshanto Land Mammal Age (Asia) and fauna, 125, 128, 131–133, 137, 313
- Asia, 20, 38, 51, 123, 125–127, 130–131, 133, 136, 138, 143–144, 158, 160, 163–164, 174, 175, 236, 275, 280, 287, 297–300, 302–303, 307–310, 312–313, 315, 319–323, 347, 351, 353, 354, 429, 595, 656–658, 675, 679–680, 682–683, 691
- Atlantic Ocean, 299, 303–305
- Bartonian Standard Stage/Age (Europe), 125–127, 135, 137, 172, 183, 313, 315–316, 354
- Bighorn Basin, Wyoming, 18
- Bir el Ater, Nementcha Mountains, Algeria, 181, 183–184, 236–239, 313, 683
- Bouxviller locality, 112
- Brazil, 303, 305
- Brezina, Algeria, 313
- Briger Basin, Wyoming, 18,
- Brigerian Land Mammal Age (N. America), 18–19, 126, 130–133, 137, 217, 240, 308, 313, 315–316
- Bug Creek anthills, Montana, 509
- Bumbanian Land Mammal Age (Asia), 128, 137, 313
- Burma (Myanmar), 21, 123, 125, 143–144, 158, 164, 205, 280, 307, 310, 353, 428–429, 432
- Caribbean Sea, 299, 305–307
- Casamayoran Land Mammal Age (S. America), 303
- Caucasus, greater, 301
- Ceara Rise, 304
- Cenozoic, 51, 92
- Central America Island Arc, 305, 307
- Chadronian Land Mammal Age (N. America), 125, 127, 132, 137, 313, 315–316
- Chaili Member: *see* Heti Formation

- Chambi: *see* Jebel Chambi
- China, 92, 124–125, 129, 133, 135–136, 164, 166, 172, 174, 307, 309, 310, 680, 686, 693, 694
- Chindwin-Irrawaddy Basin, Burma, 125, 126, 134, 135, 137; *see also* Pondaung
- Chron: *see* Geomagnetic Polarity Time Scale
- Colombia, 306, 307
- Cretaceous, 300, 305
- Cretaceous, late, 20, 320, 509
- Cretaceous, middle, 303
- Cuba, 305, 307
- Deseadan Land Mammal Age (S. America), 246, 313
- Dhofar, Oman, 313, 315
- Dinaro Hellenic mountain chain, 300, 301
- Dor el Talha, Libia, 313
- Dra Region, Algeria, 239,
- Duchesnean Land Mammal Age (N. America), 126, 130, 132–133, 137, 313, 315–316
- Egerkingen localities, Switzerland, 111, 112
- Egypt, 156, 300, 309, 353, 354, 381–382, 680
- Eocene, 2, 6, 8, 13, 20, 29, 30, 34, 42, 44, 51, 61, 88, 91, 99, 115–116, 119, 124, 126, 136, 145, 155, 159, 163, 165, 172, 174–175, 179, 182, 184, 189, 195–197, 204, 205, 210, 227, 236, 239, 245, 249, 252, 269–270, 273, 275, 297, 299–300, 305, 307–309, 311–312, 315, 322–323, 341, 347, 350–351, 353–355, 364, 367, 383, 393, 411, 448, 527–528, 536, 569, 571, 574, 595–596, 601, 611, 647, 649, 653, 655–658, 679, 682, 686–687, 689, 691, 693; *see also* early, middle, late Eocene
- Eocene, early, earliest, 8–9, 14, 18, 20, 22, 31–32, 41–42, 46, 48, 51, 92, 124–125, 127–129, 137, 183, 184, 237, 239, 240, 249, 251, 259, 269, 274, 277, 279–280, 287, 289, 298, 300, 302, 307, 309–310, 312–313, 315–316, 318, 320–321, 323–325, 352, 353, 355, 380, 427, 575, 678, 680, 681
- Eocene, late, latest, terminal, upper 14–15, 21, 31, 46–47, 90–91, 111, 123–128, 131, 136–137, 156, 160, 163–164, 172, 182–184, 195, 236–239, 259, 269, 274, 277, 279, 280, 298–313, 315–321, 323, 352, 353, 380–382, 411, 428, 431, 454, 649, 653–654, 657–658, 675, 680, 682, 686
- Eocene, lower, 16, 285, 287
- Eocene, middle, 16, 20–21, 31, 41, 47, 49, 92, 99, 114, 124–128, 130–131, 133, 135–
- Eocene, middle (*cont.*)
138, 143, 163–166, 172, 174, 183–184, 236, 239–240, 251, 274, 287, 289, 298, 300, 305–310, 312–313, 315–316, 318, 320–321, 323–324, 352–353, 380, 429, 575, 595, 658, 680, 686
- Ergilin Land Mammal Age (Asia) and fauna, 126, 133, 136, 137
- Eurasia, 100, 196–198, 353–355
- Europe, 2, 5, 14, 16, 20, 31, 40, 51, 91, 109, 114–115, 120, 125, 129, 138, 159, 175–176, 237, 240, 246, 250, 262, 275, 288, 297–303, 307–310, 312–313, 318, 320–324, 351, 353–355, 380–381, 601, 611, 642, 657, 675, 678–682, 691
- European Mammalian Time Scale, 16
- European Standard Ages, 316
- Fayum, Egypt, 40, 44, 87, 123, 144, 154, 156, 168, 172, 175, 181–183, 193, 195–196, 203–204, 210, 212, 214, 223–224, 226, 229, 230, 236–240, 263, 274, 277, 286, 289–290, 298, 307, 309–312, 315, 317, 325, 349, 352, 354, 428, 470, 476, 485, 488–489, 496–498, 582, 649, 657, 683, 685, 686, 693; *see also* Jebel Qatrani Formation, Qasr el Sagha Formation, Quarries L-41, E, G, I, M, V
- Geomagnetic Polarity Time Scale (GRTS), 127, 137, 182–184, 204, 300–301, 303–304, 306, 316
- Germany, 305
- Gieseltal, Gieseltalian Land Mammal subage, 100, 111–112
- Glib Zegdou, Algeria, 92, 181, 183–184, 237–240, 313, 315, 683
- Gondwana, 657
- Gour Lazib, Algeria, 183, 238, 313, 315
- Grande Coupure, 308, 353
- Graybullian Land Mammal subage (N. America), 32, 33
- Grube Messel, Germany, 47, 99–107, 110, 112–113, 116–117, 583
- Guangdong Province, China, 9
- Henan Province, China, 163, 166, 168–169
- Heti Formation, Shanxi Province, China, 125, 127–135, 164, 166, 171–173, 308
- Hindu Kush, 300–301
- Hispaniola, 305, 307
- Holarctic, Holarctica, 138, 309, 321, 361–364, 367, 411, 653, 655–657, 691
- Honduras, 305–307

- Hsando Gol Formation and fauna, Mongolia, 125–126, 133
- Huadian fauna, Jilin Province, China, 124–125, 128, 130–131, 133
- Indian Subcontinent, India, 125, 300–303, 313, 315, 320, 679
- Indo-Pakistan, 309–310
- Irdinmanhan Land Mammal Age (Asia) and Irdin Manhan fauna, Mongolia, 125, 127–133, 137, 313
- Java, 135, 464
- Jebel Chambi, Tunisia, 92, 181, 183–184, 237–240, 272–273, 279, 287, 313, 353, 596, 683
- Jebel Qatrani Formation, Fayum, Egypt, 90, 144, 180, 182–184, 203–204, 240, 313, 317, 685
- Jianasu fauna, Jiangsu Province, China, 125, 128, 130–131, 133, 137, 138
- Khirthar Stage (India), 135
- Kohat fauna, Pakistan, 125–126
- Krabi fauna, Thailand, 125, 133, 136, 166, 307, 313
- Kuldana fauna, Pakistan, 125–126
- Lake Messel: *see* Grube Messel
- LaPoint fauna, 315
- Laungshe shales: *see* Chindwin-Irrawaddy Basin
- Liassic, 509
- Lostcabinian Land Mammal Subage (N. America), 19, 32–33
- Ludian Age, 126, 135
- Lushi fauna, Henan Province, China, 124–125, 127–133
- Lutetian Standard Stage/Age (Europe), 126–127, 135–136, 313, 316, 354
- Lysitian Land Mammal Subage (N. America), 32–33
- Madagascar, 20, 353
- Maghreb fauna, 240
- Malagasy Republic, 41, 62, 339, 452, 454, 496, 524, 526
- Malaya, 453
- Malembe, Angola, 181, 184, 683
- Mediterranean Sea, 299–301, 303, 353; *see also* Tethys, para-Tethys
- Mesozoic, 339, 601
- Messel Formation: *see* Grube Messel
- Messel: *see* Grube Messel
- Meudon, France, 14
- Mexico, 305, 307
- Mid-Atlantic Ridge, 303
- Middle America, 299
- Miocene, 6, 290, 365, 383, 385, 408, 422, 600, 642, 656–657
- Miocene, early, 381
- Miocene, late, 679–680
- Mogaung, Burma, 158
- Mongolia, 22, 124–125, 129, 136
- Montauban, France, 498
- Morocco, 11, 22, 92, 281, 289, 427
- Mustersan Land Mammal Age (S. America), 313
- Naduan Land Mammal Age (Asia) and Nadua fauna, Guangxi Province, China, 128
- Nanggulan Formation, Java, 135
- Naran Bulak Formation, Mongolia, 124–125, 128
- Nementcha Region, Algeria: *see* Bir el Ater
- Neotropical, 656
- Netherlands, 477
- Nicoye peninsula, 306
- North America, 5, 14, 15, 20, 29, 31, 40, 42, 51, 91, 113–116, 124–127, 129–131, 133, 138, 153, 159, 165, 175, 196, 243, 249, 264, 297–299, 306–309, 311–313, 319–321, 324–325, 351, 354–355, 380, 453, 461, 595–596, 601, 611, 657, 675, 678–682, 691
- Oligocene, 91, 124, 126, 145, 155, 179, 182, 184, 195–196, 204, 229, 240, 289, 309, 311–312, 353, 361, 367, 448, 600, 656, 691; *see also* early, late Oligocene
- Oligocene, early, earliest, 90, 144, 181–182, 184, 205, 269, 298, 301–302, 307–309, 315, 317, 355, 381–383, 411, 422, 428, 432, 595, 600, 649, 656, 658, 680, 684, 686
- Oligocene, late, 311, 313
- Oman, 92, 180–181, 183, 185, 230, 237, 289, 309, 354, 432, 680, 683
- Orellan Land Mammal Age (N. America), 132, 133, 316
- Pacific coast, North America, 307
- Pakistan, 20, 125, 315
- Paleocene, 5, 6, 8, 21, 119, 181, 184, 236, 282–283, 287, 289, 300, 303, 309, 322–323, 347, 353, 380, 427, 434, 601, 657, 678; *see also* early, middle, late Paleocene
- Paleocene, early, 2, 7, 21, 236

- Paleocene, late, latest, 9, 11, 21–22, 92, 237, 285, 288, 298–299, 323, 325, 354–355, 657, 658
- Paleocene, middle, 8, 303–304
- Paleocene, upper, 298
- Paleogene, 92, 100, 109, 124, 183, 195, 289, 298, 300, 303, 307, 315, 432, 476, 555, 691
- Para-Tethys Region, 352, 354–355
- Philippine islands, 453
- Plankton zones, 316
- Pondaung, sandstone and fauna, Burma, 123–125, 128, 133–136, 143–145, 154–156, 159, 290, 313, 683; *see also* Chindwin-Irrawaddy Basin
- Porvenir fauna, 315
- Prajoux, France, 276
- Priabonian Standard Stage/Age (Europe), 126, 135, 137, 204, 313
- Qasr el Sagha Formation, Fayum, Egypt, 184
- Quarry E, Fayum Province, Egypt, 167–168, 182–185, 230
- Quarry G, Fayum Province, Egypt, 182, 184
- Quarry I, Fayum Province, Egypt, 182, 184, 218
- Quarry L-41, Fayum Province Egypt, 182–184, 189, 192, 204–208, 213, 215, 218–221, 225–228, 230, 238, 339, 353, 658, 685
- Quarry M, Fayum Province, Egypt, 182, 184
- Quarry V, Fayum Province, Egypt, 182–184, 218–219, 237
- Quercy, France, 308
- Recent, 365, 380–383, 385, 408
- Rencun locality, Henan Province, China, 166, 169, 172
- Rencun Member: *see* Heti Formation
- Rians, France, 14
- Rio Grande Rise, 304, 305
- Rumpelian Standard Age, 316
- Shaanxi Province, China, 124
- Shanghuang, China, 289, 683–687
- Shanxi Province, China, 124, 167–168; *see also* Heti Formation
- Sharamuronian Land Mammal Age (Asia) and Shara Murun fauna, Mongolia, 124–133, 137, 171, 313
- Sierra Leone Rise, 304, 305, 324
- South America, 297–299, 303–307, 311–313, 319–321, 325, 353, 364, 658, 691
- Spain, 302
- Sparnacian Land Mammal Age (Europe), 13–14, 17, 87
- Stampian, 184
- Tabyin clay: *see* Chindwin-Irrawaddy Basin
- Taqah, Oman, 181, 184, 315, 317, 683; *see also* Dhofar
- Tertiary, 7, 57, 198, 300, 351, 657
- Tethys Sea, 298–303, 305, 309, 353, 355
- Texas, 680
- Thailand, 124–125; *see also* Krabi fauna
- Thanetian, 11, 184, 237, 282, 287
- Thaytiniti, Oman, 181, 184, 315–316, 683; *see also* Dhofar
- Tiffanian Land Mammal Age (N. America), 5
- Tilin sandstone: *see* Chindwin-Irrawaddy Basin
- Tsagan Khushu beds: *see* Naran Bulak Formation
- Tunisia, 92, 181, 287, 353; *see also* Jebel Chambi
- Uintan Land Mammal Age (N. America), 126, 132–133, 137, 313, 315–316
- Ulangochulan Land Mammal Age (Asia), 313
- Venezuela, 305, 307
- Walvis Ridge, 304–305
- Wasatchian Land Mammal Age (N. America), 5, 13, 15, 17–20, 32, 34, 43, 87, 240, 313, 316
- Washakie Basin, Wyoming, 32, 41, 46, 49
- Whitneyan Land Mammal Age (N. America), 132, 133
- Wind River Formation, Wyoming, 56
- Wyoming, 15, 17, 32
- Yaw shale: *see* Chindwin-Irrawaddy Basin
- Yellow River, China, 164, 166
- Ypresian Standard Stage/Age (Europe), 14, 313, 316, 355
- Yuangu City, Shanxi Province, China, 164; *see also* Heti Formation
- Yucatan peninsula, 305, 306
- Zaire, 453