

Index to Volume 57

Compiled by Alan E. Leviton and Michele L. Aldrich

(New taxa are in **boldface** type)

Index to Volume 57

A

- Abaco 925, 930, 932
Acalypha 287, 304, 305
 A. pittieri 304, 305
 A. wilkesiana 304
 Acanthaceae 1011, 1012, 1013, 1014, 1015, 1016
Acanthodoris 357
Acanthopale 1011, 1012
Acanthosaura 66
 A. capra 66
 A. lepidogaster 66
 Achaearanea 742, 745
Achatina 807
Acritochaeta 799, 803, 806, 808, 809
Acrostichum 260, 280
 A. aureum 280
Adalaria 357, 358, 359, 361, 362, 363
 A. albopapillosa 362
 A. beringi 358, 363
 ***A. evincta* sp. nov.** 358, 359, 361, 362, 363
 A. jannae 357, 358
 A. loveni 357
 A. proxima 357, 358, 362
 A. spiculoides 358, 363
 A. tschuktschica 358, 362, 363
Adiantum latifolium 280
Aechmanthera 1011, 1012
 Aeolidacea 925
Aethiopomyia 800, 807
 Afghanistan 444, 445, 785, 786, 787, 790, 794
 Africa 70, 81, 82, 100, 107, 109, 128, 140, 154, 163,
 177, 234, 269, 271, 282, 290, 293, 295, 297, 298,
 301, 306, 308, 309, 328, 332, 333, 335, 337, 339,
 366, 473, 475, 481, 499, 557, 559, 562, 595, 596,
 597, 598, 599, 601, 604, 605, 607, 609, 610, 611,
 612, 614, 616, 618, 620, 622, 624, 634, 636, 638,
 640, 642, 647, 648, 649, 650, 651, 652, 654, 655,
 657, 658, 660, 664, 665, 667, 673, 677, 679, 681,
 684, 685, 686, 692, 693, 695, 696, 733, 734, 736,
 737, 745, 790, 802, 806, 807, 808, 809, 810, 821,
 825, 826, 836, 838, 841, 847, 854, 855, 856, 857,
 861, 862, 863, 867, 868, 935, 937, 938, 939, 940,
 949, 954, 955, 960, 963, 965, 966, 970, 972, 1012,
 1013; see also countries, islands, and regions:
 Algeria, Angola, Annobón, Botswana, Cameroon
 (Cameroun), Congo, Democratic Republic of
 Congo, Egypt, Ethiopia, Fernando Poó, Gabon,
 Gambia, Ghana, Guinea, Gulf of Guinea, Liberia,
 Malawi, Mauritania, Morocco, Mozambique,
 Namibia, Niger, Nigeria, North Africa, Pagalu Id.,
 Príncipe, São Tomé, Somalia, Sierra Leone, South
 Africa, Sudan, Tanzania, Togo, Tunisia, Uganda,
 West Africa, Zaire, Zambia, Zimbabwe
 Afrotropical Region 799, 803, 807, 808, 809, 810,
 814, 815, 817, 820, 821, 824, 825, 836, 837, 838,
 840, 841, 847, 849, 850, 855, 861, 862, 863, 867,
 868, 870, 873, 874, 876, 877
Agama versicolor 36, 38; (see also *Calotes*)
 Agamidae 35, 36, 58
Agelena 742
Agouti paca 252
Agrionemys horsfieldii 956, 957, 964
Akentrobuthus 778
 Aldabra 820, 821, 846, 850, 856, 863
 Algeria 103, 104, 234
Allaudinella [*sic*] *bivittata* 800 (see *Alluauudinella*)
Allenbatrachus 952
Allomerus 71
Alluauudinella 800, 803, 807
 A. bivittata 807
 A. stuckenbergi 807
Amara sinuosa 211
 Amsterdam Island 269
Amphichthys 948, 952
Anabittacus iridipennis 367
 Anacardiaceae 287, 289
Anacardium occidentale 253
 Anadoridoidea 358
Ananas comosus 294
Anantheris 752
Anaphalantus 805, 808, 882
 A. longicornis 808, 882
Androeryops 477
Anelosimus 742, 745
Anetium citrifolium 285
 Angola 116, 184, 825, 826, 925
 Anguilliformes 373, 736
Angustonicus 534
Anilloferonia 216
Anillomyrma 71
Ankananocharmus 751, 752, 768, 775, 782
 A. pauliani 768, 775
Annaria 802, 825, 827, 828
 A. harlekini 802, 827
 A. scutellaris 802, 828
 Annobón 808, 856, 966, 967, 968, 972, 976; see also
 Pagalu Id.

- Annona* 250, 252, 289
A. cherimola 289
A. glabra 250, 252, 289
 Annonaceae 287, 289
Anodonta 733
A. purpurea 733
Anomalobittacus gracilipes 366
Anthocarapa 508
Anthomyia 815, 817, 841
Anthophyta 733
Anthurium scandens 291
Antichthonidris 70, 71, 79
 Antilles 82, 262, 263, 265, 267, 268, 269, 270, 271, 272, 273, 275, 278, 279, 280, 281, 282, 283, 285, 291, 297, 300, 301, 302, 309, 313, 316, 317, 325, 329, 330, 333, 337; see also by island
 Greater Antilles 262, 265, 291, 313, 316, 317, 333
 Lesser Antilles 260, 272
Aphaenogaster 93
Aphanotis fusca 66
 Apiaceae 288, 290
 Apocynaceae 258, 288, 290
Aprognathodon platyventris 376
Apterobittacus 366, 367
A. apterus 366, 367
 Aquifoliaceae 287, 291
 Arabian Peninsula (Arabia) 70, 339, 809, 1012; see also North Arabian Desert, Oman, Socotra, South Yemen
 Araceae 288, 291
 Araneae 739
Arctadalaria 357, 358, 362
A. septentrionalis 358, 362
Ardisia 251, 319, 320, 341, 342
A. compressa 319
A. cuspidata 251, 319, 320, 342
A. humilis 341
 Arecaceae 286, 287, 292
 Argentina 263, 279, 280, 281, 282, 283, 285, 300, 301, 313, 328, 329, 341, 451, 453, 454, 455, 456, 459
Aristochroa 711, 712, 713, 714, 715, 717, 718, 719, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731
A. abrupta 711, 712, 714, 715, 717, 718, 721, 722, 723, 724, 725, 726, 727, 731
A. aba 712
A. balangensis 712
A. casta 712
A. chuanxiensis 712, 715
A. deqinensis 712
A. deuvi 712
A. dimorpha 712, 715
A. exochopleurae **sp. nov.** 711, 715, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 726, 727, 729, 731
A. freyi 712
A. gratiosa 712, 714, 718
A. kangdingensis 712, 715, 722
A. kaznakovi 712
A. lama 712, 715
A. lanpingensis 712, 715, 718
A. latecostata 712
A. longiphallus 712, 715
A. militaris 712, 714, 718
A. morvani 712, 715, 722
A. mosuo 712, 715, 718
A. panda 712, 715
A. perelegans 712
A. sciakyi 712, 715
A. splendida **sp. nov.** 711, 715, 717, 721, 722, 723, 724, 725, 726, 727, 731
A. venusta 712
A. venustoides 712
A. wangi 712
A. watanabei 711, 712, 715, 718
A. yuae **sp. nov.** 711, 713, 714, 715, 717, 718, 721, 722, 723, 725, 726, 727, 728, 730, 731
A. zhongdianensis 712
Artocarpus altilis 318
Archidendropsis 508
Arctocephalus pusillus pusillus 481
 Asclepiadaceae 258
 Asia 11, 35, 36, 37, 58, 59, 271, 282, 289, 293, 307, 311, 312, 325, 328, 337, 809, 1013; see also countries, islands, and areas: Borneo (see also Indonesia and Malaysia), Bhutan, Burma (see also Myanmar), Cambodia, Ceylon, India, Indonesia, Japan, Korea, Laos, Malaysia (including Sarawak), Myanmar (see also Burma), Nepal
 Aspleniaceae 260
Asplenium 260, 261, 262
A. abscissum 260
A. barclayanum 260, 261, 262
A. delicatulum var. *cocosensis* 260, 262
A. dissectum 260, 262
 Asteraceae 286, 292
Asteronotus 981, 984, 985, 986, 987, 988, 989
A. cespitosus 981, 984, 985, 986, 987
Asthenomacrorus 383
 Astove Atoll 820, 821, 846, 850, 863
Atherigona 799, 800, 802, 803, 806, 808, 809, 811, 812, 813, 882, 884, 886

- A. addita* 809, 810
A. bedfordi 808, 809
A. bifurcata 808, 810
A. bimaculata 808, 809, 810
A. contrastiloba 808, 810, 884
A. humeralis 808, 809
A. laevigata 808, 809
A. madagascarensis 808, 809
A. matilei 808, 810
***A. nigradorsalis* sp. nov.** 810, 811, 812
A. orientalis 809, 810
***A. quadriseta* sp. nov.** 809, 812, 813
A. soccata 814
A. trapezia 808, 810
***A. variata* sp. nov.** 810, 813, 814
A. (Acritochaeta) orientalis 799, 806
A. (Atherigona) addita 799, 806
***A. (Atherigona) nigradorsalis* sp. nov.** 806, 811, 884
***A. (Atherigona) quadriseta* sp. nov.** 806, 812, 886
***A. (Atherigona) variata* sp. nov.** 806, 813, 886
 Atlantic (Ocean, islands, and regions) 344, 357, 376, 379, 380, 381, 383, 384, 925, 926, 929, 930, 932, 934, 935, 937, 938, 940, 942, 945; see also Canary Ids., Cape Verde Ids., Madeira
 Mid-Atlantic Ridge 379, 380, 381, 383, 384
 North Atlantic 379, 381, 383, 384
 South Atlantic 379, 384
Atta minuta 73, 79, 100
 Australasia (region) 82, 862
 Australia 11, 69, 70, 71, 82, 181, 327, 367, 388, 392, 437, 440, 481, 486, 499, 503, 544, 749, 750, 847, 856
 Tasmania 365
Austrobatrachus 945, 946, 949, 950, 951, 952
 A. dussumieri 946
 A. foedus 946, 949, 950, 951, 952
 Aves 733
Axonopus compressus 327
Azelia 799, 804, 806, 814
- B**
- Badkhyzemia* gen. nov.** 795, 796
 ***B. krivokhatskyi* sp. nov.** 795, 796, 797
 Badkhyzemia [sic] *krivokhatskyi* 797
 Bahamas 925, 930, 932
 Barbados 279
Barchatus 952
 Barents Sea 357
Batrachoides 937, 945, 948, 949, 952
 B. liberiensis 937
 Batrachoididae 937, 945, 946
 Batrachoidinae 946, 948, 949, 951
Batrachomoeus 952
Batrachus 938, 941, 945, 949, 951
 B. algeriensis 938
 B. barbatus 938
 B. borealis 938, 941
 B. conspicillum 938
 B. didactylus 938, 941
 B. dussumieri 945, 949
 B. guentheri 938
 B. planifrons 938
 B. punctatus 938
 B. surinamensis 945
 B. tau 938, 941
Batrachthys 949, 952
 B. apiatus 949, 952
Bavayia 503, 504, 506, 507, 512, 515, 518, 522, 523, 526, 534
 B. aff. cyclura 515, 522, 526
 B. aff. exsuccida 518, 522
 B. aff. montana 512, 518
 B. cf. cyclura 508
 B. cf. montana 508
 B. crassicollis 507
 B. cyclura 504, 507, 534
 B. exsuccida 504, 507
 B. geitaina 504, 507
 B. madjo 504, 507, 508
 B. montana 507
 B. ornata 507
 B. pulchella 504, 507
 B. robusta 504, 507
 B. sauvagii 504, 507, 534
 B. septuiclavis 504, 507
 B. validiclavis 503, 504, 506, 507, 523
Bdellia 473
 Belize 285, 292, 316, 555
Bembidion farrarae 211
 Bermuda 847
 Bering Sea 357, 362, 363, 481
Bertiera angustifolia 330, 331, 332
 Bhutan 403, 412, 416, 420, 423
Bifax 952
 Bignoniaceae 258
 Bittacidae 365, 366
Bittacus 366, 367, 372
 B. chlorostigma 366, 367
 Bivalvia 733
Bixa orellana 253, 294
 Bixaceae 287, 294

- Blainvillea biaristata* 293
 Blake, James 4, 5, 13
 Blechnaceae 260, 262
Blechnum occidentale 250, 262
Bobua 391, 394, 401, 405, 412
 B. anomala 394
 B. glauca 401
 B. laurina 391, 405
 Boliva [sic] 272, 273, 279, 325
 Bolivia 269, 271, 272, 273, 275, 278, 279, 280, 281, 282, 285, 289, 295, 304, 309, 317, 327, 329, 332, 333, 555, 592
 Bolt, Bruce A. 1
 Bombacaceae 258
Bondroitia 71
 Boreidae 365, 368
 Boreinae 368
Boreus 365, 368, 369
 B. californicus 368, 369
 Borneo 108; see also Malaysia
Borreria 330, 332, 337
 B. exilis 337; see also *Spermacoce exilis*
 B. gracilis 337; see also *Spermacoce exilis*
 B. ocimoides 332
 B. ocymoides 330
 B. prostrata 330, 332
 Botswana 557, 595, 598, 614, 630, 650, 659, 660
Brachygasterina 451, 452, 461
Brachypalpus 451
 B. pilosus 451
Brachypanorpa 365, 370, 371
Brachystephanus 1014, 1016
 Brandegee, Katharine "Kate" 7; see also Curran
 Branner, John C. 5, 8, 10, 22
 Brazil 70, 260, 262, 265, 267, 268, 269, 271, 272, 273, 278, 279, 280, 281, 285, 290, 291, 293, 294, 300, 301, 302, 304, 309, 313, 316, 317, 325, 326, 327, 329, 332, 333, 337, 799, 802, 879, 925, 926, 928, 929, 938, 945, 953
 Bromeliaceae 288, 294
Bronchocela cristatella 66
Brontaea 799, 805, 806, 814, 815, 817, 888, 890
 B. differa sp. nov. 806, 814, 815, 817, 888, 890
 B. flexa 799, 806, 814, 815
 B. gentilis 814, 815
 B. tonitru 814, 815, 817
 B. versicolor 814, 815, 817
Brosimum 251, 255, 318
Brosimum sp. 318
Bufo 945
 Bulgaria 956, 957, 958, 964
Bungarus magnimaculatus 58
 Burma 58, 59, 387, 401, 405, 711; see also Myanmar
 Burmanniaceae 286, 294
Byomya 804, 863; see also *Musca*
- ## C
- Caesalpinia* 257, 306, 307
 C. bonduc 257, 306, 307
 C. bonducella 307
 C. crista 307
 C. eriostachys 307
Caledoniscincus 512, 518, 522, 526, 530
 C. aff. austrocaledonicus 526, 530
 C. aquilonius 518, 522
 C. atropunctatus 512, 515, 526, 530
 C. austrocaledonicus 512, 518, 522
 C. festivus 522
 C. haptorhinus 518, 522, 526, 530
 California Academy of Sciences 1–34; see also earthquakes; see also Galapagos Islands
 Galapagos Expedition 254
 California State Commission for the Investigation of the Earthquake 1
Callechelys 376
 C. catostoma 376
 C. randalli 376
Calmella bandeli 925
Calodexia 474, 477
Calophyllum 508
 C. inophyllum 297
Calotes 35, 36, 37, 38, 39, 41, 42, 43, 44, 46, 47, 49, 50, 52, 53, 54, 55, 56, 57, 58, 59, 66, 68
 C. ceylonensis 41, 66
 C. chincollium 38, 60, 66
 C. cristatellus 36
 C. ellioti 36
 C. emma 38, 60, 66
 C. htunwini sp. nov. 38, 41, 43, 44, 45, 46, 47, 48, 49, 50, 52, 53, 54, 55, 56, 58, 59, 66
 C. irawadi sp. nov. 38, 41, 43, 44, 45, 46, 47, 48, 49, 50, 53, 54, 55, 56, 57, 58, 59, 66, 68
 C. jerdoni 60
 C. kakhensis 36
 C. kinabaluensis 36
 C. kingdonwardi 36, 59
 C. liocephalus 36, 41, 66
 C. liolepis 41, 58, 66
 C. microlepis 36
 C. mystaceus 35, 60, 66
 C. nigrigularis 36
 C. nigrilabris 41, 66
 C. rouxii 36

- C. versicolor* 35, 36, 37, 38, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 54, 58, 59, 66, 68, 74
- Calycidoris* 357
- Calyptracarya* 251, 299, 300
- C. glomerulata* 251, 299, 300
- C. longifolia* 300
- C. palmetto* 300
- Cambodia 59, 423
- Cameroon(s) (Cameroun) 836, 849, 965, 966, 967, 968, 970, 972, 976
- Camposperma panamense* 289
- Canada 204, 212, 358, 359, 363, 371
- Alberta 368
- British Columbia 215, 216, 221, 358, 359, 362, 363, 368
- Manitoba 371
- Canary Ids. 103, 104, 107, 809, 814, 815, 850, 925, 930, 931, 937
- Canavalia maritima* 250, 306, 307
- Canis familiaris* 252
- Cape Verde Ids. 809, 814, 820, 821, 849, 850, 863, 877, 925, 930, 931
- Capra hircus* 252
- Capraria biflora* 338
- Capsicum annuum* var. *aviculare* 338
- Carabidae 203, 210, 215, 711
- Carcharodon carcharias* 479, 480, 481, 482, 483, 491, 497, 498, 499
- Cardiocondyla* 72
- Caribbean (region) 82, 255, 847, 925, 926, 929, 930, 932, 935, 981, 984; see islands and island groups: Abaco, Antilles, Bahamas, Barbados, Cuba, Dominica, Dominican Republic, Jamaica, Martinique, Montserrat, Nevis, St. Kitts, St. Lucia, Trinidad, West Indies
- Carica papaya* 294
- Caricaceae 287, 294
- Caryophyllaceae 289, 294
- Cassia* 307, 309
- C. fistula* 307
- C. reticulata* 309
- Cassipourea guianensis* 250, 330
- Catharanthus* 288, 290
- C. roseus* 290
- Catopsis aloides* 294
- Caurinae 368
- Caurinus* 368, 369
- C. dectes* 368, 369
- Cebus capucinus* 252
- Cecropiaceae 250, 287, 295
- Cenchrus brownii* 326, 327
- Central America (see also Mesoamerica) 255, 256, 291, 295, 308, 312, 317, 327, 342, 555, 587, 935; see also countries: Belize, Costa Rica, Guatemala, Honduras, Nicaragua, Panamá
- Centroscyminus coelolepis* 433
- Cephalispa* 805, 806, 817, 818, 819, 890, 892
- C. azurea* sp. nov. 806, 817, 818, 890
- C. curta* sp. nov. 806, 817, 819, 892
- Ceradenia pruinosa* 269
- Cerastes persicus* 444
- Ceratophora* 62, 66
- C. aspera* 66
- C. erdeleni* 66
- C. karu* 66
- C. stoddartii* 66
- C. tennentii* 66
- Cerbicale [Cerbicali] Ids. (see Italy)
- Cecropia pittieri* 250, 251, 295, 296, 341
- Cervus timorensis* 512, 536
- Cetonurus* 383
- Ceylon 62, 97, 101, 103, 108; see also Sri Lanka
- Chaenopleura* 553, 555
- Chamaeleonidae 58
- Chamaesyce* 286, 304, 306
- C. hirta* 304, 306
- C. hyssopifolia* 304, 306
- Charmus* 754, 757, 765, 778
- Chatrabus* 937, 952
- C. damaranus* 937
- Chelaner* 71
- Chile 263, 329, 343, 344, 367, 451, 452, 453, 454, 455, 456, 457, 458, 459, 479, 499, 847
- Juan Fernandez Islands 255
- China 59, 70, 387, 388, 389, 390, 391, 392, 394, 395, 396, 397, 398, 402, 403, 404, 406, 407, 411, 412, 413, 414, 415, 416, 419, 420, 421, 422, 423, 425, 426, 711, 712, 713, 717, 718, 720, 721, 724, 725, 726, 728, 729, 730, 731, 863
- Anhui 395, 412, 423
- Fujian 395, 396, 402, 403, 407, 412, 413, 420, 423
- Gansu 423, 711
- Guangdong 395, 396, 398, 402, 403, 407, 412, 413, 414, 416, 420, 423, 425
- Guangxi 395, 396, 398, 402, 407, 412, 413, 414, 416, 420, 423, 425
- Guizhou 395, 407, 412, 413, 416, 420, 423, 425
- Hainan 395, 396, 398, 402, 412, 413, 414, 420, 423, 425
- Hubei 395, 412, 416, 420, 423
- Hunan 395, 402, 403, 407, 412, 413, 416, 420, 423
- Jiangsu 395, 407, 412, 420, 423

- Jiangxi 396, 403, 412, 413, 420, 423
 Sichuan 394, 395, 396, 398, 402, 412, 414, 416, 420, 423, 711, 732
 Taiwan 395, 396, 402, 407, 412, 413, 420, 423
 Xizang 387, 390, 395, 396, 398, 403, 404, 407, 411, 412, 416, 419, 423, 425, 426, 429, 711
 Yunnan 387, 390, 395, 396, 398, 401, 402, 403, 404, 407, 411, 412, 413, 414, 416, 419, 420, 421, 423, 424, 425, 426, 428, 431, 711, 712, 713, 717, 718, 720, 721, 725, 728, 729, 730, 731
 Gaoligong Shan (Gaoligongshan) 387, 388, 390, 391, 392, 394, 395, 397, 398, 399, 400, 401, 403, 404, 405, 406, 407, 408, 410, 411, 412, 415, 416, 417, 418, 419, 420, 422, 423, 424, 425, 426, 428, 429, 711, 712, 717, 718, 720, 724, 725, 726, 728, 729, 730, 731
 Zhejiang 395, 396, 402, 403, 407, 412, 413, 420, 423
 Chloranthaceae 286, 295
Chloris paniculata 252, 258, 326, 327
Chondrodactylus 596, 695
Chromolaena odorata 292
 Chrysobalanaceae 258, 287, 295
Chrysobalanus 258, 295
 C. icaco 295
 Chrysogorgiidae 733
 Chukchi Seas 358
 Cerbicale [Cerbicali] Ids. (see Italy)
Citrus 337
 C. x aurantifolia 337
 C. x aurantium 337
Clibadium acuminatum 292
Clidemia 315, 341, 554, 587, 588, 589, 590, 591, 592
 ***C. almedae* sp. nov.** 587, 588, 589, 590, 591, 592
 C. bullosa 341
 C. condolleana 341
 C. cordata 590
 C. crotonifolia 590
 C. cursoris 592
 C. discolor 587, 590, 592
 C. epiphytica 592
 C. hirta 341
 C. novemnervia 316
 C. ombrophila 315
 C. ostrina 590
 C. pustulata 316
 C. rodriguezii 592
 C. strigillosa 315
 C. umbonata 315
 C. urticoides 590, 592
Clusia rosea 250, 251, 252, 297
 Clusiaceae 287, 297
Cochlidium serrulatum 269
 Cocos Island (Isla del Coco) 247, 248, 249, 250, 251, 252, 253, 255, 256, 257, 260, 262, 263, 265, 267, 269, 270, 271, 272, 273, 275, 276, 279, 280, 281, 282, 283, 285, 289, 290, 291, 292, 293, 294, 295, 297, 298, 299, 300, 301, 302, 304, 306, 307, 308, 311, 312, 313, 316, 317, 318, 319, 322, 323, 325, 326, 327, 328, 329, 330, 332, 333, 335, 337, 338, 339, 341, 342
Cocos nucifera 250, 253, 257, 292
Coelorinchus 433, 434, 435, 436, 437, 438, 439, 440, 441
 ***C. amirantensis* sp. nov.** 433, 434, 436, 438, 439, 440
 C. kermadecus 433, 437
 C. lasti 433, 437
 C. trachycarus 433, 440
 ***C. yurii* sp. nov.** 433, 434, 435, 436, 437
Coenosia 803, 805, 806, 820, 821, 822, 823, 882, 894
 ***C. aberrans* sp. nov.** 806, 821, 822, 894
 C. humilis 820, 821
 C. madagascariensis 820, 821
 C. nitidiventris 820, 821, 882
 C. nova 805, 820, 821
 C. strigipes 820, 821
 C. trichocnema 820, 821
 Coetivy 863
Coffea arabica 330, 332
 Coleoptera 203, 215, 541, 711
Colletteichthys 945, 946, 949, 950, 951, 952
 C. dussumieri 949, 950, 951, 952
 Colombia 289, 291, 292, 295, 302, 308, 311, 316, 317, 318, 321, 326, 337, 338, 341, 552, 555, 587, 588, 590, 592, 1012, 1013; see also Columbia [*sic*]
Colophospermum mopane 605, 614
Colopus 596, 695
 Colubridae 58
 Columbia [*sic*, in part] 210, 272, 285; see also Colombia
 Combretaceae 287, 297
Commelina diffusa 297
 Commelinaceae 288, 297
 Comoros Ids. 109, 780, 808, 809, 810, 814, 815, 838, 863, 868
Complicitus 36
Conocarpus erectus 297
 Congo 116, 119, 128, 131, 161, 279; see also Democratic Republic of Congo
 Congo Basin 826, 836
 Conopidae 473, 806
Conostegia lasiopoda 315, 316

- Convolvulaceae 288, 298
 Cooper, James Graham 4
Cophotis ceylanica 66
Corambe 357
 Corambidae 357
Cordiaum variegatum 304
Cordyloblaste 391, 412, 413
 C. henschelii 391
 C. pendula 412
Cornutia microcalycina var. *anomala* 339, 341
 Corsica (see Italy)
Coryphaenoides 433, 434, 441
Coryphella 925, 926, 930
 C. verta 926
 C. dushia 930
 Cosmoledo 863
 Costa Rica 247, 248, 249, 254, 255, 257, 269, 272,
 273, 281, 283, 285, 294, 301, 302, 307, 308, 312,
 316, 321, 325, 333, 342, 555, 587, 588, 590, 592;
 see also Cocos Island
Cremanium 549, 550, 552, 553, 555
 Cretaceous 58
Crossostylis 508
Crotalus 443, 448
 Crustacea 441, 733
Cryptoblepharus 526, 530
 C. novocaledoniae 526
 C. novocaledonicus 530
Cryptocarya 508
Ctenitis sloanei 281
 Cuba 122, 185, 269, 272, 279, 309
 Cucurbitaceae 285, 299
Cunonia 508
 Curran, Mary Katharine Layne (see also Brandege) 7
Cyathea 250, 251, 255, 263, 264, 265, 272
 C. alfonsiana 251, 263, 264
 C. nesiotica 250, 263
 C. notabilis 251, 263, 265
 Cyatheaceae 251, 259, 263
Cychnus tuberculatus 211
 Cyperaceae 288, 299
Cyperus 249, 299, 300, 301, 302
 C. esculentus 300, 301
 C. hermaphroditus 300
 C. ligularis 300
 C. nudiceps 302
 C. odorata 299
 C. prolixus 300
 C. rotundus 300
 C. sphacelatus 299, 301
 C. tenerrimus 299, 301
 C. tenuis 249, 300, 301
Cyrtodactylus 58
 C. brevidactylus 58
 C. chrysopylos 58
- ## D
- Dalbergia* 306, 307
 D. brownei 306
 D. monetaria 307
Dalliella 733
Danaea nodosa 251, 278
Darwinomyia 451
 Davidson, George 4
Decadia 391, 406
 D. aluminosa 391, 406
 Decapoda 441, 733
Delena cancerides 742, 744
Delonix regia 308
Deltotus 473, 474, 475, 477, 800, 804, 823, 824, 882
 D. facetus 473, 474, 475, 477, 800, 804
 D. viola 473, 474, 475, 477, 800, 824, 882
 Democratic Republic of Congo 116, 119, 128, 131,
 161, 279, 815, 825, 826, 838, 841, 850, 853, 855,
 856, 861; see also Congo
Dendrobenia lichenoides 358, 362
Dennstaedtia dissecta 265
 Dennstaedtiaceae 259, 260, 265
Desmodium 307, 308
 D. adscendens 307, 308
 D. canum 308
 D. incanum 307, 308
 D. procumbens var. *longipes* 307, 308
Diaea 742, 744
 D. cancerides 744
 D. ergandros 742, 744
Diaphodoris 357
Diaphorodoris 357
- ## Diatoms
- Achnanthes* 563, 565, 570
 A. lanceolata 563
Achnanthidium 571
Actinella 571
Actinocyclus 571
Adlafia 565, 571
Amphipleura 571
Amphiprora 571
Amphora 571
Anomoeoneis 571
Aulacoseira 571
Brachysira 562
Caloneis 571, 572

Capartogramma 572
Cestodiscus 572
Chaetoceros 572
Cocconeis 565
 C. patrickae 565
Coscinodiscus 572
Cyclostephanos 572
Cyclo-stephanos 565
Cyclotella 565, 572
Cyclotubicoalisticus 572
Cymatopleura 565, 572
Cymbella 562, 565, 572, 573
 C. couleensis 563
 C. diluviana 563
Denticula 573
Diatoma 573
Diploneis 565, 573
Encyonema 573, 574
Entomoneis 574
Epithemia 574
Eunotia 565, 574, 575
Fragilaria 575
Frustulia 575
Gomphoneis 575, 576
Gomphonema 562, 565, 576, 577
Gomphonitzschia 577
Gyrosigma 577
Hantzschia 577
Mastogloia 565, 577
Melosira 577
Meridion 577, 578
Microsiphona 578
Navicula 562, 564, 565, 578, 579, 580, 581
 N. daileyi 565
Neidium 565, 581, 582
Nitzschia 565, 582, 583
Nupela 562, 583
Peronia 565, 583
Pinnularia 562, 565, 583, 584
Plagiotropis 584
Planothidium 563
 P. lanceolatum 563
Playaensis 565, 584
Pleurosigma 565, 585
Pseudostaurosira 585
Pseudostaurosiropsis 565, 585
Punctastriata 585
Rhizosolenia 585
Rhoicosphenia 585
Sarcophagodes 565, 585
Stauroneis 585
Staurosira 585

Staurosirella 585
Stenopterobia 585
Stephanodiscus 565, 585, 586
Surirella 586
Synedra 586
Tetracyclus 565, 586

Diatoms end

Dicalix 391, 394, 395, 396, 401, 402, 405, 406, 415, 419, 421
 D. anomalus 394
 D. bodinieri 406
 D. cochinchinensis 391, 395
 D. delavayi 396
 D. forrestii 396
 D. glauca 401
 D. glomeratus 402
 D. laurinus 405
 D. myrianthus 415
 D. setchuensis 421
 D. shinodanus 421
 D. shunningensis 396
Dichaetomyia 473, 474, 475, 477, 799, 800, 802, 804, 806, 825, 826, 827, 828, 830, 831, 832, 833, 835, 836, 894, 896, 898, 900, 902, 904
 D. apicalis 473, 474, 475, 799, 825
 D. basialaris 473, 474, 475
 D. facetus 824
 D. fasciculifera 836
 D. femoralis 825
 D. flabellifera 836
 D. flavoscutellata 825
 D. frontalis 799, 825
 D. frontata 799, 825
 D. harlekini 802, 827
 D. humeralis 825
 D. immaculiventris 836
 D. rangeri 799, 802
 D. scutellaris 799
 D. stuckenbergi 824
 D. tristis 473, 474, 475
 D. zielkei 799
 D. (D.) scutellaris 825
 D. (Dichaetomyia) albivitta 799
 D. (Dichaetomyia) basialaris 825, 827
 D. (Dichaetomyia) coerulea 825, 826, 827
 D. (Dichaetomyia) femoralis 825, 826
 D. (Dichaetomyia) flavoscutellata 825, 826
 D. (Dichaetomyia) frontata 825, 826
 D. (Dichaetomyia) harlekini 825, 826, 827
 D. (Dichaetomyia) humeralis 825, 826
 D. (Dichaetomyia) nigra sp. nov. 806, 827, 831,

- 894, 896
D. (Dichaetomyia) rangeri 825, 826, 828
D. (Dichaetomyia) scutellata 800, 825, 826, 828
D. (Dichaetomyia) seyrigi 825, 827, 828
***D. (Dichaetomyia) tricolorata* sp. nov.** 806, 827, 832, 896, 898
D. (Dichaetomyia) tristis 825, 827, 830
D. (Dichaetomyia) zielkei 825, 827, 830
D. (Panaga) albivitta 806, 825, 826, 830
***D. (Panaga) colorata* sp. nov.** 806, 826, 833, 900, 902
***D. (Panaga) flabellifera* sp. nov.** 806, 826, 835, 902, 904
D. (Panaga) lucida 825, 826, 830
D. (Panaga) madagascariensis 825, 826, 830
D. (Panaga) ovata 825, 826, 831
- Dicranopteris* 251, 268
D. flexuosa 251, 268
D. pectinata 251, 268
- Dierogekko* gen. nov.** 503, 507, 508, 509, 510, 511, 512, 513, 515, 516, 517, 518, 519, 520, 522, 523, 524, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 544, 545, 546, 547
***D. inexpectatus* sp. nov.** 507, 509, 527, 530, 531, 532, 533, 537, 547
***D. insularis* sp. nov.** 507, 509, 523, 524, 526, 533, 537, 547
***D. kaalaensis* sp. nov.** 507, 509, 512, 513, 515, 533, 537, 545
***D. koniambo* sp. nov.** 507, 509, 510, 511, 512, 533, 537, 545
***D. nehoueensis* sp. nov.** 507, 509, 518, 520, 522, 523, 533, 535, 537, 546
***D. poumensis* sp. nov.** 507, 509, 527, 528, 529, 530, 532, 533, 537, 547
***D. thomaswhitei* sp. nov.** 507, 509, 515, 516, 517, 518, 533, 537, 546
D. validiclavis 507, 508, 509, 533, 535, 536, 537, 544
- Digitaria* 326, 327, 328
D. sanguinalis 327; see also *Axonopus compressus*
D. setigera var. *setigera* 326, 328
- Dimaka* 867
D. anaborans 867
- Dimorphia* 473, 475, 800, 804, 836
D. cognata 800
D. flavicornis 836
D. setulosa 473
D. tristis 473
- Diodia sarmentosa* 330, 333
- Diplodactylidae 503, 507
Diplodactylinae 503
Diptera 451, 452, 473, 474, 477, 799, 806, 838
Discodorididae 981, 984
Dominica 555
Dominican Republic 325
Doridacea 358
Doris loveni 358
Dorylinae 473, 475
Draco blanfordii 66
Drupastris [*sic*] *cochinchinensis* 391
Drupastris 391, 395
D. cochinchinensis 395
Drymaria cordata 253, 294
Dryopteridaceae 260, 267
Dysoxylum 508
- ## E
- earthquakes 1, 2, 4, 5, 6, 8, 9, 10, 11, 12, 17, 20, 22, 23, 25, 27, 29, 30, 32; see also California Academy of Sciences
San Andreas fault 8
Eastwood, Alice 1, 6, 7, 8, 11, 12, 17, 19, 20, 24, 25, 26, 27, 28
Echinomacrus 379, 383, 384
E. mollis 383, 384
E. occidentalis 379, 383, 384
Ecuador 268, 270, 280, 282, 289, 290, 291, 292, 294, 298, 309, 311, 312, 316, 317, 318, 325, 329, 338, 341, 554, 555, 587, 588, 590, 592, 593
Galápagos Islands 11, 12, 33, 122, 248, 249, 253, 254, 255, 256, 258, 328
Egypt 809, 850, 856, 857, 863, 867
Sinai 444, 445
Eisen, Gustav 11, 17, 34
Elaeocarpaceae 258
Elaphoglossum 251, 255, 273, 274, 275
E. auripilum var. *longipilosum* 273
E. cocosense 273
E. cocosensis 274
E. crinitum 273, 275
E. decoratum 273, 275
E. incognitum 273, 275
E. reptans 251, 273, 275
- Elapidae 58, 62
Elasmodactylus 596, 695
Eleocharis acutangula 299, 301
Eleusine indica 326, 328
Embiidina 785, 795
Enhydra lutra nereis 481
Entada 251, 306, 306
E. gigas 251, 308

E. monostachya 306
Eocene 58
Epelysidris 71, 79
Epidendrum 251, 255, 322, 323, 324, 344
 E. cocoense 251, 322, 323
 E. insulanum 251, 322, 323, 324
 E. jimenezii 322, 323
Eragrostis ciliaris 326, 328
Eryngium foetidum 290
Erythrina fusca 250, 307, 308
Ethiopia 115, 116, 332, 815, 841, 853
Eugenia 251, 255, 321
 E. cocosensis 251, 321
 E. laurina 405
 E. pacifica 321
Eumusca 804, 863; see also *Musca*
Euphorbiaceae 286, 287, 304
Europe 11, 70, 235, 247, 939, 1003, 1008, 1009; see countries and regions: Bulgaria, Georgia, Iberian Peninsula, Ireland, Italy (including Cerbicalc [Cerbicalc] Islands, Corsica, and Sardinia), Kattegat (of the North Sea), Malta, Mediterranean, Portugal, Russia, Spain
Euterpe 251, 292
 E. macrospadix 292
 E. precatoria var. *longevaginata* 251, 292
Eurya cavaleriei 406
Eurydactylodes 503, 504, 506, 512, 515, 518, 519, 522, 523, 526, 530
 E. agricolae 515, 518, 519, 522, 523, 526, 530
 E. vieillardii 512

F

Fabaceae 286, 288, 306
Fejervarya 58, 59
 F. limnocharis 58, 59
Felis domesticus 252
Fernando Poó 862, 868
Feylininae 557
Ficus 251, 318, 341, 508
 F. pertusa 251, 318
 F. tecolutensis 341
Fimbristylis dichotoma 299, 301
Flabellina 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935
 F. affinis 934, 935
 F. alternata 925, 934, 935
 F. dana sp. nov. 925, 927, 928, 932, 933, 934, 935
 F. dushia 925, 927, 928, 929, 930, 931, 932, 935
 F. engeli 925, 934

F. falklandica 934
F. funeka 934, 935
F. hamanni 925, 934
F. ischitana 934, 935
F. islandica 934
F. marcusorum 925, 934
F. nobilis 934
F. pricei 934, 935
F. salmonacea 934
F. trilineata 929, 934, 935
F. triophina 934, 935
F. triophina (fusca) 934
F. verta 925, 926, 927, 928, 929, 931, 935
Formica 71, 73, 100
 F. antiguensis 73, 100
Fraserella 805, 837
 F. altivolans 837
Freziera calophylla 251, 338

G

Gabon 116, 128, 131
Gadiformes 433
Galápagos Islands 11, 12, 33, 122, 248, 249, 253, 254, 255, 256, 258, 328; see also California Academy of Sciences, Galapagos Expedition
Galeocerdo cuvieri 484, 486
Gambia 938, 939
Gastropoda 539, 733, 989, 1003
Geckobia 610, 650
 G. capensis hastata 610
 G. namaquensis 610
Gekkonidae 58, 62, 538, 539, 595
Gentianaceae 286, 309
Georgia 956, 964
Gesneriaceae 289, 309
Ghana 838, 850, 855, 856, 863, 867, 938, 939
Gilbert, Grove Karl 1, 5, 6, 7, 8, 9, 10, 11, 12, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29
Gleicheniaceae 259, 268
Gobiidae 965
Gobius 966, 972
 G. bustamantei 966, 972
Gondwanan tectonics 58
Goniodorididae 357
Goniodoris 357
Gonocephalus grandis 66
Gorgoniidae 733, 734
Grammitidaceae 259, 269
Grammitis bryophila 269
Graphomya 802, 804, 837, 838
 G. rossi 802, 838

Greene, Edward Lee 8
Grenurus flagellicauda 380
Grimmea 368
Guarea glabra 318
 Guatemala 285, 298, 308, 326, 555
Guettarda 330, 333
 G. conferta 333
 G. crispiflora subsp. sabiceoides 330, 333
 Guiana(s) 270, 275, 281, 290, 291, 293, 295, 298,
 301, 316, 326, 329, 335
 Guinea 116, 123, 181
 Gulf of Guinea 965, 966, 970, 972
Guzmania 251, 294
 G. crateriflora 294
 G. sanguinea 251, 294
Gymnosiphon panamensis 294

H

Haematobosca 473
 H.M.S. *Sulfur* 253
Halgerda 981, 984, 985, 986, 987, 988, 989
 H. dalanghita 981, 984, 985, 986, 987
Haloa 1003, 1004, 1007, 1009
 H. crocata 1007
 H. japonica 1003, 1007, 1009
 H. rotundata 1003, 1004, 1007, 1009
Halobatrachus 937, 938, 939, 940, 941, 942, 949, 952
 H. algeriensis 939
 H. barbatus 939
 H. borealis 939
 H. conspicillum 937, 939
 H. didactylus 937, 938, 939, 940, 941, 942, 949,
 952
 H. guentheri 939
 H. planifrons 939
 H. punctatus 939
Halophryne [*sic*] (see *Halophyrne*) 948, 952
Halophyrne 946, 948
Haminoea 1003, 1004, 1005, 1007, 1009
 H. binotata 1007
 H. binotata var. *japonica* 1005
 H. callidegenita 1003, 1004, 1007, 1008, 1009
 H. japonica 1003, 1004, 1009
 H. linda 1009
 H. solitaria 1009
 H. vesicula 1007, 1008
 H. virescens 1007, 1008
 Haminoeidae 1003
Harpalus 210, 211
 H. cordifer 210, 211
 H. somnulentus 211
 Hawaii (see United States)
Hebecnema 804, 806, 838, 839, 841, 845, 904, 906
 H. humeralis sp. nov. 806, 838, 839, 904, 906
 H. infuscata 841
 H. semiflava 838, 839, 841
Hedyosmum racemosum 251, 295
Helicogorgia 733, 734, 735
 H. capensis 733
 H. flagellata 733
 H. ramifera 733
 H. spiralis 733, 734
 H. squamifera 733
Helina 473, 475, 477, 799, 800, 805, 806, 841, 843,
 844, 845, 906, 908
 H. carpiiae sp. nov. 800, 806, 841, 842, 844, 845,
 906, 908
 H. cyanea 841
 H. flavomaculata sp. nov. 806, 841, 843, 906
 H. grisella sp. nov. 806, 841, 842, 845, 847, 908
 H. insignis 841, 842
 H. juxtamedialis 844, 847
 H. lucida 475, 477, 799, 806, 841, 842
Hemidactylus 515, 518, 522, 526, 530, 536
 H. frenatus 515, 518, 522, 530, 536
 H. garnotii 526
Henriettea succosa 315, 316
Henrietteella 251, 315, 316
 H. fascicularis 251, 315, 316
 H. odorata 315, 316
Hesperoboreus 368, 369
 H. brevicaudus 369
 H. notoperates 369
Hibiscus 312, 313
 H. rosa-sinensis 312
 H. tiliaceus 313
Hicksonella 733, 734, 735
 H. capensis 734
 H. flagellata 734
 H. spiralis 734
Hincksina minuscula 362
Hoffmannia 251, 255, 330, 333, 334, 342
 H. nesiota 330, 333, 334
 H. piratarum 251, 330, 333
 Holden, Edward Singleton 5
 Honduras 289, 293, 301, 325, 555
Hopea 391
 H. tinctoria 391
 Hopkins-Stanford Expedition 254
Hoplodoris 981, 984, 985, 986, 987, 988, 989
 H. estreyaldo [*sic*] 981
 H. estreyado 984, 985, 986
Hordeum secalinum 341

Humiriaceae 250, 288, 309

Huperzia 251, 276, 277

H. brachiata 251, 276

H. pittieri 251, 276, 277

Hyde, Mary 7

Hydrocotyle umbellata 250, 253, 290

Hydrosaurus 58

Hylobittacus apicalis 366

Hymenophyllaceae 259, 270

Hymenophyllum 270, 271

H. cocosense 270, 271

H. polyanthos 270, 271

Hymenoptera 473

Hydrotaea 803, 804, 806, 847, 849, 910, 912

H. bella **sp. nov.** 847, 849, 912

H. chalcogaster 847

Hypherpes 203, 204, 205, 209, 210, 212, 215, 216, 217, 218

Hypolepis lellingeri 265, 266

Hypolytrum 251, 299, 301

H. nicaraguense 301

H. amplum 251, 299, 301

Hypocalotes 36

Hyptis capitata 311

I

Iberian Peninsula 939

Isocorea cuspidata (see *Ardisia cuspidata*) 319

India 35, 36, 38, 46, 47, 58, 62, 68, 81, 96, 100, 122, 339, 396, 398, 402, 403, 407, 408, 410, 412, 413, 414, 416, 420, 421, 423, 424, 425, 786, 794, 815, 817, 945, 1012

Nicobar Ids. 809

Pondicherry 36, 38, 41, 43, 44, 45, 46, 47, 48, 49, 54, 60, 68

Tamil Nadu State 68

Indian Ocean 379, 383, 384, 433, 437, 440, 441, 697, 733, 809; see also islands: Aldabra, Astove Atoll, Coetivy, Comoros Ids., Cosmoledo, Mauritius, Réunion, Rodriguez, Seychelles

Madagascar Ridge 383

Mascarene Ridge 433, 434, 437, 438, 440, 441

Indo-Pacific 181, 373, 376, 981, 990

Ipomoea 250, 251, 253, 257, 298, 341

I. acuminata 298

I. alba 298

I. batatas 341

I. bona-nox 298

I. indica 298

I. pes-caprae 250, 253, 257, 298

I. philomega 298

Indonesia 97, 395, 396, 413, 423, 863

Irian Jaya 123

Java 339, 863

Sunda Islands 339

Iran 443, 444, 445, 446, 559, 792, 850, 955, 956, 957, 964

Iraq 444, 445

Ireland 379

Ischaemum rugosum 326, 328

Isoglossa 1011, 1012, 1013, 1014

Israel 96, 103, 433, 441, 444, 445, 496, 809, 850, 955, 956, 964

Italy 1002, 1003

Cerbicali [Cerbicali] Ids. 226, 230, 233, 234, 235

Corsica 225, 226, 227, 228, 230, 231, 233, 234

Sardinia 225, 226, 227, 230, 231, 233, 234

J

Jamaica 269, 279, 308, 328

Japalura 66

J. flaviceps 66

J. splendida 66

J. tricarinata 66

J. variegata 66

Japan 70, 357, 358, 370, 395, 396, 401, 402, 407, 410, 412, 413, 420, 423, 977, 989, 1003, 1004, 1005, 1006, 1009; see also Ryukyu Ids.

Kurile Islands 358

Jordan 437, 444, 445, 701

Jordan, David Starr 11

Junceella 733, 734

Juncella 733, 734

J. spiralis 734

Jussiaea linifolia (see *Ludwigia hyssopifolia*) 322

K

Kanakysaurus viviparus 519, 522, 526

Kaokogecko 596

Kattegat 938, 939

Kenya 82, 100, 153, 154

King, Clarence 5, 6, 292

Kircher, Athanasius 991, 992, 994, 995, 996, 998, 999, 1000

Kohleria spicata 250, 309

Korea 370, 412, 420

Kumba 383

Kyllinga 258, 299, 301, 302, 303

K. brevifolia 299, 301

K. nudiceps 258, 299, 302, 303

L

- Lamiaceae 289, 311
 Laos 59, 396, 412, 423
Laportea aestuans 250, 338, 339
 Laptev Sea 358, 362
Lauraceae 287, 312
Laurus glauca 401
 Lawson, Andrew 1, 5, 8, 9, 10, 11, 19, 20, 23, 24, 26, 28, 29
Leirolepis 58
Leistus ferruginosus 210
Lentipes bustamantei 966, 968
Lepidodactylus 503, 522
 L. lugubris 522
Lepidoptera 539, 733
Leptoferonia 216
Letharchus aliculatus 376
 Liberia 850, 856, 938, 939
Licania platypus 295
 Lick, James 7
Liloa 1007
Limnophora 802, 804, 806, 849, 852, 853, 876, 912
 L. conversa 849, 850
 L. excisa 854, 855
 L. exigua 849, 850
 L. mesovittata sp. nov. 806, 849, 852, 853, 912
 L. obsignata 849, 850
 L. perfidodes 853
 L. quaterna 849, 850, 851
 L. rossi 802, 849, 850, 852
 L. setalis 849, 850, 852
 L. stragula 849, 852
 L. triangularis sp. nov. 806, 849, 850, 853, 854, 855, 912
Lindsaea lancea var. *lancea* 265, 267
Lionurus cetonuropsis 383
Lioscincus nigrofasciolatus 512, 515, 522, 526, 530
Lippia alba 339, 341
Lispacoenosia 805, 855, 914
 L. fulvitarisus 855, 914
Lispe 799, 800, 804, 806, 855, 856, 860, 914
 L. argentata sp. nov. 806, 860, 861, 914
 L. bengalensis 855, 856
 L. desjardinsii 855, 856, 914
 L. dictaeta 855, 856, 857
 L. frontalis 855, 856, 861
 L. keiseri 855, 856, 857
 L. leucosticta 855, 856
 L. madagascariensis 855, 856
 L. niveimaculata 799, 806, 855, 856, 857
 L. nuba 855, 857
 L. paraneo 855, 857
 L. paraspila 855, 856, 857
 L. pennitarsis 855, 856, 859
 L. sexnotata 855, 856, 860
 L. stuckenbergi 855, 856
Lispocephala 799, 803, 805, 806, 861
 L. africana 861
 L. equiseta 861
 L. mikii 861, 862
 L. obscura 861
 L. pectinata 799, 803, 806, 861, 862
 L. squamifera 861
Lisposoma joseehermanorum 694
Lissosterna 863
Litorea aurea 522
Litsea glauca 401
Lodhra 391, 408
 L. oxyphylla 408
 Lomariopsidaceae 260, 273
 Loomis, Richard 7, 8, 11
 Loranthaceae 286
Louteridium 1013
Loy 357
Ludwigia hyssopifolia 322
 Lycopodiaceae 259, 276
Lycopodiella cernua 278
Lycopodium cernuum 276
Lyriocephalus scutatus 66

M

- Macrothelypteris torresiana* 282
 Macrouridae 433
Macrurus 379, 380, 383
 M. flagellicauda 379, 380, 383
 M. fragilis 383
 M. parvipes 383
 Madagascar (also as Malgasy [region]) 69, 70, 71, 72, 73, 75, 79, 81, 81, 82, 83, 84, 93, 94, 96, 99, 100, 102, 106, 107, 109, 110, 114, 115, 119, 120, 122, 125, 128, 131, 134, 135, 137, 140, 145, 147, 151, 156, 157, 161, 163, 169, 171, 175, 178, 179, 181, 269, 279, 290, 308, 339, 379, 380, 381, 382, 383, 384, 473, 474, 475, 739, 745, 746, 751, 752, 757, 760, 761, 763, 765, 767, 768, 770, 772, 773, 775, 778, 782, 783, 799–923, 1012
 Antananarivo 99, 100, 116, 141, 147, 165, 168, 171, 175, 177, 751, 780, 814, 815, 827, 838, 849, 851, 852, 857, 862, 867, 870, 878
 Antsiranana 97, 99, 101, 109, 110, 112, 116, 120, 122, 123, 126, 128, 132, 134, 136, 137, 141, 146, 147, 149, 154, 157, 159, 160, 161, 165,

- 168, 172, 175, 181, 757, 761, 763, 770, 773,
775, 782, 807, 808, 815, 819, 820, 821, 822,
824, 827, 829, 830, 832, 834, 837, 839, 847,
850, 851, 852, 860, 865, 867, 868, 874, 877
- Fianarantsoa 99, 100, 101, 109, 110, 112, 114,
116, 128, 132, 134, 141, 147, 149, 154, 164,
165, 168, 172, 175, 177, 810, 811, 813, 815,
816, 818, 820, 821, 824, 827, 828, 830, 832,
833, 834, 835, 839, 840, 842, 843, 844, 849,
850, 851, 852, 853, 857, 859, 860, 862, 864,
865, 867, 868, 869, 870, 871, 874, 876, 877,
878
- Mahajanga 97, 99, 100, 101, 114, 116, 123, 126,
128, 131, 136, 137, 141, 148, 149, 154, 161,
172, 179, 181, 765, 768, 813, 828, 831, 837,
839, 841, 842, 857, 864, 865, 866, 867, 874,
878
- Toamasina 96, 107, 108, 112, 114, 116, 123, 129,
132, 134, 136, 137, 141, 154, 160, 161, 165,
169, 171, 172, 175, 176, 177, 772, 807, 808,
815, 824, 827, 828, 830, 831, 837, 839, 847,
849, 850, 851, 852, 855, 867, 870, 874, 875
- Toliara 81, 89, 90, 91, 93, 94, 96, 99, 100, 104,
112, 114, 116, 119, 123, 126, 129, 131, 134,
135, 136, 137, 142, 146, 147, 148, 149, 151,
153, 154, 161, 164, 165, 168, 172, 177, 179,
181, 740, 745, 807, 810, 812, 814, 815, 821,
822, 824, 825, 827, 828, 829, 830, 831, 832,
837, 839, 843, 845, 846, 851, 852, 854, 855,
857, 859, 860, 862, 863, 864, 865, 866, 867,
868, 869, 870, 872, 873, 874, 877, 878
- Madeira 103
- Maieta poeppigii* 315, 316
- Malagasy [region] (see Madagascar)
- Malaysia 108, 298, 395, 396, 413, 421, 423, 815
Sarawak 108
- Malta 850
- Malvaceae 258, 287, 288, 312
- Mangifera indica* 289
- Manihot esculenta* 304, 306
- Mantheyus phuwanensis* 66
- Marattiaceae 260, 278
- Marcgravia* 313, 314
M. cf. rectiflora 315
M. waferi 313, 314
- Marcgraviaceae 288, 313
- Maesa* 406
M. aurea 406
M. bodinieri 406
- Malawi 815, 825, 826, 847
- Maritius [sic] 269; see Mauritius
- Marmorosphax* 512, 515, 518
M. aff. tricolor 515, 518
M. tricolor 512
- Martinique 555
- Mauritania 939
- Mauritius 71, 72, 255, 329, 807, 809, 814, 815, 836,
838, 847, 849, 850, 856, 863, 868, 870, 873, 877
- Maxillaria* 322, 325
M. adendrobium 322, 325
M. parviflora 322, 325
- Mecoptera* 365, 367, 369, 370, 371
- Mediterranean 850, 935, 938, 962; see also Europe
- Megalastrum subincisum* 281, 282
- Megalomyrmex* 71
- Melanoseps longicauda* 559
- Melastomataceae 257, 286, 289, 315, 549, 553, 587,
592
- Meliaceae 286, 318
- Melinis minutiflora* 326, 328
- Mesoamerica (see also Central America) 262, 268,
271, 272, 275, 289, 587
- Mexico 260, 265, 267, 268, 269, 270, 271, 272, 273,
278, 279, 280, 281, 282, 283, 285, 290, 291, 294,
295, 300, 301, 302, 304, 308, 309, 311, 312, 313,
316, 317, 318, 322, 323, 325, 328, 329, 330, 332,
333, 341, 371, 461, 498, 500, 541, 555, 736, 1013
Baja California 497, 498
Chiapas 1013, 1014, 1016
- Miconia* 251, 255, 315, 317, 342, 549, 551, 552, 553,
554, 555, 587
M. amilcariana 549, 551, 552, 553, 555
M. aprica 555
M. boliviensis 555
M. bracteolata 555
M. brevistylis 555
M. caerulea ssp. *caerulea* 555
M. caerulea ssp. *vilcabambae* 555
M. choriophylla var. *brevifolia* 555
M. choriophylla var. *choriophylla* 555
M. clathrantha 555
M. coelestis 555
M. coriacea 555
M. cyanocarpa var. *cyanocarpa* 555
M. dasyclada 555
M. dielsii 555
M. dioica 555
M. divergens 555
M. dodecandra 251, 315, 317
M. elongata 555
M. galactantha 555
M. glaberrima 555
M. globuliflora var. *dominicae* 555
M. globuliflora var. *globuliflora* 555

- M. globuliflora* var. *vulcanica* 555
M. hemenostigma 555
M. laetevirens 552
M. micropetala 555
M. minuta 555
M. oligotricha 555
M. paradisica 555
M. peruviana 555
M. polychaeta 555
M. polygama 555
M. prasina 315, 317
M. pulverulenta 555
M. purulensis 555
M. reburrosa 555
M. rubens 555
M. sp. A 315, 317
M. sp. B 315, 317
M. stenophylla 553, 555
M. sterilis 555
M. tabayensis 552, 553, 555
M. thaminantha ssp. *huanucensis* 555
M. thaminantha ssp. *thaminantha* 555
M. valida 555
M. vitiflora 555
- Miconieae 549, 553, 587
 Microcharmidae 751, 776, 777, 782, 783
Microcharmus 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 782
M. bemaraha sp. nov. 751, 765, 766, 767, 770, 776, 782, 783
M. cloudsleythompsoni 776, 782, 783
M. confluenciatus sp. nov. 751, 772, 776, 782, 783
M. duhemi sp. nov. 751, 761, 762, 763, 776, 782, 783
M. fisheri 755, 756, 757, 776, 782, 783
M. hauseri 775, 776, 778, 782, 783
M. jussarae 776, 778, 782, 783
M. maculatus sp. nov. 751, 763, 764, 765, 776, 782, 783
M. madagascariensis 776, 782
M. pauliani 751, 770, 771, 775, 777, 778, 782
M. p. amber 770, 771, 782, 783
M. p. namoroka 768, 770, 771, 782, 783
M. p. pauliani 768, 769, 770, 771, 775, 778, 783
M. pauliani ambre ssp. nov. 751, 769, 777
M. pauliani namoroka ssp. nov. 751, 770, 777
M. sabineae 776
- M. variegatus* sp. nov. 751, 757, 758, 759, 760, 761, 763, 776, 777, 778, 782
M. violaceous sp. nov. 751, 773, 774, 775, 776, 778, 782
Microhyla 58, 59
 Microhylidae 58
Micropolypodium taenifolium 269, 270
Microrhynchus 736, 737
M. epinepheli 736
 Middle East 790, 792, 809, 862, 955, 957, 960, 961, 963; see also Arabian Peninsula, Iraq, Israel, Jordan, Lebanon, Syria, Turkey
Mimulopsis 1011, 1012, 1013
M. arborescens 1012
M. cf. glandulosa 1012
M. glandulosa 1012
M. solmsii 1012
Mimulus 733
 Miocene 58, 226, 234, 249
Monomorium 69
M. adiastron sp. nov. 69, 74, 88, 157, 159, 175, 176, 190, 197
M. adoneum 73, 103
M. aequum 74, 128, 130, 131
M. angusticlava 74, 123, 124
M. antiguense 73
M. apuleii 73, 103
M. atomarium 73
M. aureorugosum sp. nov. 69, 74, 79, 82, 88, 160, 161, 168, 177, 190, 198
M. basale 73, 96, 97, 98
M. belli 73, 107
M. bifidoclypeatum sp. nov. 69, 73, 83, 86, 110, 112, 122, 188, 193, 194
M. binatu 69, 74, 83, 127, 140, 146, 147, 148, 153
M. bruneum 73, 108, 110
M. bulawayense 73, 116, 117, 119
M. bulawayensis 73, 115
M. cabrerai 73, 103, 104, 106, 107
M. chnodes sp. nov. 69, 73, 83, 85, 86, 112, 114, 156, 188, 194
M. cinnabari 74, 122
M. clarinodis 69, 73, 84, 89, 93, 188, 192
M. claveaui 73, 103
M. contiguum 73, 101, 102
M. cryptobium 74, 82, 88, 161, 163, 178, 179, 181, 190, 198
M. denticulata 79
M. denticulatum 79
M. denticulus sp. nov. 69, 73, 83, 85, 114, 115, 188, 194

- M. destructor* 69, 70, 71, 72, 73, 80, 81, 82, 83, 84, 96, 97, 99, 100, 101, 102, 188, 192, 193
M. domesticum 73
M. ebraicum 73, 103
M. elongatum 71, 72
M. estherae 74, 128, 130, 131
M. exchao 69, 74, 83, 140, 143, 146, 148
M. exiguum 69, 73, 74, 83, 84, 115, 116, 117, 118, 119, 120, 131, 135, 137, 188, 194
M. explorator 74, 128, 130, 131
M. faurei 73, 116, 118, 119, 120
M. ferodens sp. nov. 69, 74, 82, 87, 164, 190, 198, 202
M. fisheri sp. nov. 69, 74, 77, 79, 88, 159, 165, 168, 169, 175, 176, 190, 191, 198
M. flavescens 74, 116, 118, 119
M. flavinembra sp. nov. 69, 74, 83, 85, 86, 120, 122, 128, 146, 147, 151, 188, 194, 195
M. floreanum 74, 122
M. floricola 71, 72, 74, 83, 86, 122, 123, 125, 147, 188, 195
 M. floricola var. *furina* 74, 122
 M. floricola var. *philippinensis* 74, 122
M. fossulatum 69, 72, 74, 82, 179
M. fragile 73, 97, 101, 102, 116, 252, 381
M. furinum 74, 122
M. glyciophilum 73, 103, 105
M. gongromos sp. nov. 69, 74, 88, 169, 171, 175, 190, 199
M. gracillimum 73, 96, 97, 99
M. guineense 82
M. hanneli 69, 70, 74, 80, 81, 82, 85, 87, 114, 153, 154, 155, 156, 157, 190, 197
M. herrero 73, 107
M. hildebrandti 69, 70, 71, 72, 74, 79, 80, 81, 82, 85, 87, 88, 157, 159, 161, 163, 165, 168, 171, 175, 176, 179, 191, 202
M. imerinense 69, 71, 72, 74, 83, 140, 144, 146, 147, 148
M. impressum 71, 74, 122, 123, 125
M. infuscum sp. nov. 69, 74, 79, 82, 88, 161, 168, 176, 177, 190
M. insolescens 81
M. intermedium 73, 103, 104, 105
M. invidium 82
M. italica 73, 103
M. jacksoni 82
M. kilianii 81
M. latastei 79
M. latinode 69, 70, 73, 83, 85, 108, 109, 110, 188, 193
M. leopoldinum 69, 74, 83, 128, 130, 131
M. lepidum sp. nov. 69, 74, 83, 87, 126, 128, 146, 189, 195
M. liberta 73, 103
M. madecassum 69, 71, 72, 74, 81, 83, 85, 128, 130, 131, 171, 189, 195, 196
M. medinae 104, 107
M. mediterraneum 73, 103, 104, 105
M. micrommaton sp. nov. 69, 74, 83, 87, 132, 133, 145, 146, 189, 196
M. mictile 69, 116, 119, 120
M. minutissimum 69, 74, 116, 118, 120
M. minutissimus 120
M. minutum 71, 73, 74, 79, 128, 140, 171, 177
M. modestum 74, 82, 88, 163, 177, 178, 179, 181, 191, 199
 M. modestum transwaalensis 74, 177
 M. modestum var. *boerorum* 74, 177
 M. modestum var. *smutsi* 74, 177
 M. modestum var. *transwaalense* 74
M. moestum 74, 153, 154, 155, 157
M. monomorium 72, 79, 80, 81, 83, 163, 168
M. nigricans sp. nov. 69, 74, 83, 84, 134, 135, 189, 196, 197
M. notorthotenes 69, 73, 80, 81, 84, 91, 188, 200
M. obscuripes 73, 103, 104, 106, 107
M. ominusum 73, 96
M. pharaonis 71, 72, 79, 80, 83, 84, 100, 101, 102, 107, 188, 200, 201
M. philippinense 74, 122
M. planidorsa 73
M. planidorsum 73
M. platynodis sp. nov. 69, 74, 83, 85, 114, 135, 137, 151, 189, 196
M. poecilum 74, 122
M. rhopalocerum 83, 140, 148, 153
M. robertsoni 69, 73, 84, 93, 94, 188, 192
M. robustior 71, 72, 73, 83, 84, 99, 100, 188, 200
M. rosae 83, 119
M. sakalavum sp. nov. 71, 72, 74, 77, 83, 86, 137, 140, 189
M. salomonis 69, 70, 72, 73, 80, 81, 82, 83, 84, 91, 100, 102, 103, 104, 107
M. pharaonis 73
M. santschiellum 73, 103
M. scabriceps 81
M. schultzei 83, 115
M. sechellense 69, 74, 82, 88, 163, 165, 178, 179, 181, 191, 199
M. senegalensis 73, 103
M. shuckardi 69, 70, 71, 72, 73, 80, 81, 84, 89, 90, 94, 96, 171, 188, 192
M. specularis 74, 122, 123, 124

- M. subcoecum* 82
M. subopacum 71, 72, 73, 83, 84, 96, 103, 104, 105, 106, 107, 188, 193
M. sudanicum 120
M. surcoufi 73, 103, 104, 106, 107
M. taedium 119, 120
M. termitobium 69, 71, 72, 74, 78, 83, 87, 112, 114, 125, 128, 133, 140, 143, 145, 146, 147, 148, 153, 168, 175, 189, 201
M. valtinum 69, 74, 153, 154, 157, 197
M. vastator 73, 100, 101, 102
M. versicolor 69, 83, 85, 148, 151, 189, 197
M. vexator 73, 97, 98, 192, 193
M. voeltzkowi 73, 108, 109, 110
M. willowmorensis 73, 83, 84, 106, 107, 188
M. willowmorensis 73, 107
***M. xuthosoma* sp. nov.** 69, 74, 83, 86, 140, 151, 153, 189, 197
Montrouziera 508
 Montserrat 555
 Moraceae 252, 287, 318
Morellia 804, 862, 882
 M. calyptrata 862, 882
 M. nilotica 862
 Morocco 939
 Mozambique 96, 815, 847
Mucuna 250, 253, 257, 306, 308, 309
 M. mutisiana 250
 M. sloanei 250, 253, 306, 309
Muntingia 258, 318
 Muntingiaceae 258, 287, 318
Musca 803, 804, 807, 815, 837, 863, 868, 874, 882
 M. biseta 863
 M. confiscata 863
 M. domestica 863, 864
 M. d. calleva 863
 M. d. curviforceps 863
 M. d. domestica 863
 M. sorbens 863, 865
 M. vetustissima 863
 M. xanthomelaena 863, 865, 882
 M. x paradisiaca 319
 M. (Byomya) confiscata 863
 M. (Byomya) sorbens 863
 M. (Eumusca) xanthomelaena 863
 M. (Musca) domestica 863
 Muscidae 799, 802, 803
 Musaceae 287, 288, 319
 Muscidae 451, 473
 Myanmar 35, 36, 37, 38, 41, 43, 44, 45, 48, 49, 50, 53, 54, 55, 56, 58, 59, 60, 66, 68, 387, 388, 389, 390, 391, 392, 395, 396, 398, 399, 401, 402, 403, 404, 405, 407, 410, 412, 413, 414, 416, 418, 419, 421, 423, 424, 425, 711, 724, 730; see also Burma
 Ayeyarwaddy River 54, 58, 66
 Bago Division 68
 Central Dry Zone 35, 37, 41, 49, 50, 53, 55, 56, 58, 59
 Chin State 68
 Indoburman Range 58
 Kachin 387, 390, 398, 401, 403, 405, 410, 412, 413, 416, 418, 423, 424
 Magway Division 50, 66, 68
 Mandalay Division 54, 66, 68
 Sagaing Division 50, 54, 66, 68
Mydaea 800, 805, 814, 840, 876, 877
Myospila 805, 866, 867, 914
 M. bekilyana 867
 M. lenticeps 867
 M. paradoxalis 867, 868, 914
Myrmica 73, 96, 97, 100, 101, 103
 M. atomaria 73, 96
 M. basalis 73, 96
 M. contigua 73, 101
 M. domestica 73, 100
 M. fragilis 73, 100
 M. glyciphila 73, 103
 M. gracillima 73, 96
 M. ominosa 73, 96
 M. subopaca 103
 M. vastator 73, 100
 M. vexator 73, 97
 Myrsinaceae 251, 287, 291, 319
Myrsine 319, 321, 401
 M. pellucidopunctata 319, 321
 M. thunbergii 401
 Myrtaceae 251, 257, 286, 321
Myrtus 405, 410
 M. chinensis 410
 M. laurinus 405
- N**
- Naja mandalayensis* 58, 59
 Namibia 557, 595, 596, 597, 598, 599, 600, 601, 604, 605, 609, 610, 611, 612, 614, 618, 620, 622, 624, 626, 628, 630, 632, 634, 636, 638, 640, 642, 644, 646, 647, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 660, 661, 662, 664, 665, 667, 668, 669, 670, 674, 676, 677, 679, 681, 683, 684, 685, 686, 692, 693, 694, 696, 737
Neomyia 473, 474, 475, 800, 803, 868, 882
 N. albigena 868
 N. setulosa 473, 474, 475, 800, 868, 882

N. viridifrons 868
Neoprotobothus 751, 752, 776, 777, 778, 782
N. intermedius 782
 Nepal 36, 406, 410, 415, 416, 420, 421
Nephrolepis 260, 278, 341
N. pectinata 341
Nesomyrmex 72
Neubergia 508
 Nevis 555
 New Caledonia 427, 503, 504, 507, 508, 509, 510, 511, 512, 513, 515, 517, 518, 519, 520, 521, 522, 523, 524, 526, 527, 528, 529, 530, 531, 534, 535, 536, 537, 562, 841
 New Guinea 396, 473, 806, 841, 850; see also Papua New Guinea
 New World tropics 308, 313
 Newberry, John Strong 5
 Nicaragua 291, 315, 316, 317, 335, 337
 Nicobar Ids. (see India)
 Niger 812, 832, 849, 922
 Nigeria 815, 855, 856, 857, 861, 862, 867, 966
Noctua 733
 North Africa 809, 862, 955, 963
 North America 14, 215, 221, 222, 247, 345, 365, 366, 368, 370, 371, 372, 1003, 1007, 1009; see also Canada, Mexico, United States
 North Atlantic (see Atlantic)
 North Arabian Desert 444
 North Pacific 479, 480, 497, 498, 499
 Northeastern Pacific 357, 358, 359, 361, 362, 363
Nothidris 71, 79
Notiophilus sylvaticus 210
Notomyrmex 71, 94, 153
 Nudibranchia 357, 358, 981
Numida meleagris 252

O

Ochroma 250, 312
O. lagopus 312
O. pyramidale 250, 312, 313
Ochromusca 800, 807
Ocotea insularis 250, 251, 252, 312, 341
 Octocorallia 733
Odocoileus virginianus 252
Oedodera 507, 515, 530, 536, 544
O. marmorata 515, 530, 536, 544
Okenia 357
 Old World 273, 278, 280, 281, 283, 297, 306, 308, 309, 326, 327, 328, 337, 338
 Old World tropics 273, 278, 280, 281, 283, 308, 326
Oldenlandia corymbosa 330, 335

Oleandraceae 259, 260, 278
Olfersia cervina 267, 268
Oligodon splendidus 58
Oligotoma 786, 790
O. annandalei 786
O. nigra 786, 790
 Oman 444, 445
Omus dejeani 211
 Onagraceae 288, 322
 Onchidorididae 357, 358
Onchidoris 357, 358
O. bilamellata 357
O. muricata 358
 Ophichthidae 373, 736
 Ophichthinae 373
Ophichthus 373, 736, 737
O. bennettai 737
O. karreri 736, 737
O. serpentinus 737
Ophichthys [sic] serpentinus 736
 Ophioglossaceae 259, 279
Ophiomorus brevipes 559
Ophyra 803
Opisthacanthus madagascariensis 770
 Opisthobranchia 925, 1003
Opsanus 938, 952
 Orchidaceae 288, 322, 342
Orchisia 805, 869
O. costata 870
Oreacanthus 1014
 Oriental Region 778, 809, 815, 817, 821, 837, 847, 850, 856, 862, 863, 867
Ornithidium sp. aff. *stenophyllum* (see *Maxillaria parviflora*) 325
Orobittacus 366, 367
O. obscurus 366, 367
Oryzolagus cuniculus 252
Ossaea 250, 315, 317, 341
O. bracteata 250, 315, 317
O. macrophylla 250, 315, 317
O. quadrisulca 587, 592
O. quinquenervia 341
Otocryptis wiegmanni 66

P

Pachydactylus 595, 596, 597, 600, 602, 603, 610, 612
P. acuminatus 595, 603, 614, 630, 657, 658, 684, 687, 688, 689, 690, 694
P. affinis 602
P. bibronii turneri 604
P. capensis 596, 597, 598, 599, 600, 602, 604,

- 606, 661, 704
P. capensis fasciatus 606
P. capensis gariesensis 597, 598, 606, 610, 614, 654
P. capensis weberi 606, 654
P. capensis wernerii 598, 626, 654
***P. carinatus* sp. nov.** 620, 638, 640, 670, 673, 674, 676, 685, 687, 689, 690, 692, 695, 704, 708
P. fasciatus 595, 597, 598, 599, 600, 602, 603, 604, 605, 606, 607, 609, 612, 614, 687, 688, 689, 690, 704
P. formosus 597, 600, 604
P. gaiasensis 644
P. geijte 597
***P. goodii* sp. nov.** 642, 679, 687, 688, 689, 690, 709
***P. griffini* sp. nov.** 636, 667, 668, 669, 687, 688, 690, 704, 707
P. kobosensis 595, 598, 599, 603, 614, 626, 628, 655, 656, 685, 687, 689, 690, 693, 704
***P. mclachlani* sp. nov.** 616, 636, 638, 640, 670, 681, 684, 687, 688, 689, 690, 693, 707
***P. monicae* sp. nov.** 616, 634, 636, 664, 665, 667, 679, 687, 688, 689, 690, 694, 695, 704, 706
P. montanus 595, 597, 598, 599, 603, 612, 620, 624, 626, 646, 649, 650, 651, 652, 653, 670, 676, 684, 685, 687, 689, 690, 692, 693, 695, 704
P. montanus montanus 598
P. montanus onscopensis 598, 599, 611, 624, 650, 651, 653, 658
P. namaquensis 596
P. ocellatus 597
P. onscopensis 595, 653, 692
P. oreophilus 644
***P. otaviensis* sp. nov.** 614, 642, 681, 683, 684, 687, 688, 689, 693, 694, 709
P. pardus 597, 598, 647, 649, 650
P. purcelli 595, 597, 598, 599, 603, 611, 612, 620, 646, 647, 648, 649, 650, 653, 667, 669, 670, 685, 687, 689, 690, 692, 693, 704
***P. reconditus* sp. nov.** 614, 632, 634, 661, 662, 664, 684, 687, 688, 689, 690, 693, 694, 704, 706
P. robertsi 595, 596, 598, 603, 616, 628, 632, 656, 657, 663, 684, 687, 688, 689, 690, 693, 704
P. rugosus 596
P. sansteynae 595, 596, 614, 644, 685, 686
P. sansteyni 596, 685, 686
P. scutatus 595, 596, 598, 653, 657
P. scutatus robertsi 657
P. serval 595, 596, 597, 598, 599, 600, 602, 603, 605, 609, 610, 611, 612, 618, 620, 636, 640, 644, 646, 647, 648, 649, 650, 651, 652, 653, 654, 656, 657, 658, 659, 661, 662, 665, 667, 668, 669, 670, 673, 674, 676, 677, 679, 682, 684, 685, 686, 687, 688, 690, 691, 692, 693, 694, 695, 704, 705
P. serval onscopensis 596, 599, 651, 673, 692
P. serval purcelli 596, 647, 648, 692
P. serval serval 611, 692
P. serval/weberi [clade/group] 595, 596, 597, 598, 599, 602, 603, 605, 609, 636, 646, 649, 652, 654, 655, 656, 657, 658, 659, 661, 662, 665, 668, 674, 677, 679, 682, 684, 685, 687, 690, 693, 694, 695
P. tsodiloensis 595, 599, 600, 602, 603, 614, 630, 659, 660, 661, 683, 684, 687, 688, 689, 690, 693, 694, 696, 704
P. visseri 616, 679, 688, 694, 695
***P. visseri* sp. nov.** 640, 642, 676, 677, 687, 688, 689, 690, 708
P. waterbergensis 595, 599, 603, 614, 630, 632, 660, 661, 683, 684, 687, 688, 689, 690, 693, 694, 704
P. weberi 595, 596, 597, 598, 599, 600, 602, 603, 606, 609, 610, 612, 614, 616, 649, 651, 655, 656, 657, 658, 660, 661, 664, 667, 670, 672, 676, 679, 681, 683, 684, 687, 688, 689, 690, 691, 692, 693, 694, 695, 704, 705
P. weberi acuminatus 596, 598, 604, 630, 658, 660, 661, 670
P. weberi gariesensis 598, 607
P. weberi weberi 598, 599, 607, 657
P. weberi wernerii 596, 604, 661
P. wernerii 595, 598, 603, 614, 626, 654, 655, 687, 688, 689, 690, 693, 704
Pachydactylus [sic] *otaviensis* 683
Pacific (Ocean and islands) 82, 181, 205, 209, 247, 248, 249, 255, 256, 258, 282, 297, 304, 306, 322, 327, 332, 337, 343, 344, 345, 346, 357, 358, 359, 361, 362, 363, 370, 372, 373, 376, 379, 862, 981, 984, 1003, 1007, 1009; see also Galápagos Islands. Hawaii (see United States), North Pacific, North-eastern Pacific, South Pacific
***Paedembia* gen. nov.** 786, 787, 788, 789, 790, 791, 792, 793
***P. afghanica* sp. nov.** 786, 787, 788, 789, 790, 791, 792, 793
Paedembiamorpha 785
Paedembiidae 785, 786, 795, 797

- Pagalu Id. 966, 972, 976; see also Annobón
- Pakistan 444, 445, 792
- Palaeartic Region 821, 861, 862, 863, 880
- Palmatogecko* 596
- Panamá 267, 269, 279, 283, 290, 294, 308, 315, 316, 317, 318, 325, 332, 338, 477, 587, 588, 590, 749, 935, 981, 984
- Palpibracus* (see also *Palpiracus* [sic]) 451, 452, 453, 454, 455, 456, 457, 458, 459, 462, 464, 466, 468, 470
- P. albuquerquei* 451
- P. apicalis* 451, 452
- P. carvalhoi* 451
- P. chilensis* 451, 453, 462
- P. confusus* 451, 453, 462
- P. darwini* 451, 452
- P. fasciculatus* 451
- P. flavithorax* 451, 454, 455, 462, 466
- P. lancifer* 451
- P. nigriventris* 451, 455, 462
- P. peruvianus* 451, 455, 462
- P. pilosus* 451, 456, 464
- P. schlingeri* sp. nov.** 451, 457, 458, 464, 468
- P. separatus* 451
- P. similis* 451
- P. spicatus* 452, 458, 464
- P. trivittatus* 452, 459, 464
- P. univittatus* 452
- P. valdiviensis* 451, 452
- P. veneris* 452
- P. vittatus* sp. nov.** 459, 464, 470
- Palpiracus* [sic] *carvalhoi* 452, 462
- Palura* 391, 410, 412
- P. chinensis* 410
- P. paniculata* 410
- P. paniculata* var. *chinensis* 410
- P. pendula* 412
- Panaga 806, 825, 826, 830, 831, 833, 835, 900, 902, 904; see also *Dichaetomyia*
- Panicum* 327, 328
- P. laxum* 327, 328
- P. maximum* 327, 328
- P. polygonatum* 327, 328
- Panorpa* 370, 371
- Panorpidae 370, 371
- Panorpodes* 370, 371, 372
- P. colei* 370, 371
- Panorpodidae 370
- Pantropical 253, 256, 292, 294, 298, 301, 306, 309, 313, 322, 329
- Papua New Guinea 841
- Paracetonus* 379, 380, 381, 382, 383, 384, 385
- P. flagellicauda* 384
- P. occidentalis* 384
- P. pusillus* 383
- Paracetonus* *flagellicauda* 379, 380, 381, 382, 383, 384, 385
- Paraguay 268, 271, 278, 280, 317, 318, 328, 329
- Paraphacota* 73, 103, 106, 107
- P. cabrerai* 73, 103
- P. cabrerai* 73, 103
- P. surcoufi* 73, 103
- Parascyidium bandama* 965, 966, 968, 976
- Parembia persica* 786, 790, 791
- Parholcomyrmex* 96, 97, 99
- Paspalum* 326, 327, 329, 341
- P. conjugatum* 327, 329
- P. decumbens* 326, 329
- P. nutans* 327, 329
- P. platycaule* (see *Axonopus compressus*) 327
- P. vaginatum* 341
- P. virgatum* 327, 329
- Passeromyia* 800
- Passiflora edulis* f. *flavicarpa* 325
- Passifloraceae 285, 325
- Pavonia paniculata* 312, 313
- Pectinisetia* 803, 861
- Peperomia* 325
- P. glabella* 325
- P. nigropunctata* (see *P. glabella*) 325
- Permian 365
- Persea americana* 312
- Peru 253, 265, 267, 268, 269, 271, 272, 273, 275, 278, 279, 280, 281, 282, 285, 289, 292, 293, 298, 301, 302, 308, 311, 316, 325, 330, 332, 335, 553, 555, 590, 592
- Perulibatrachus* 937, 949, 952
- P. elminensis* 937, 949, 952
- P. rosignoli* 937
- Phacota* 71, 79
- P. sichelii* 79
- Phaenomonas* 736, 737
- P. foresti* 737
- P. longissima* 737
- Phaonia* 473, 475, 477, 799, 803, 804, 806, 815, 823, 870, 872, 914, 916, 918
- P. plurivittata* sp. nov.** 806, 870, 871, 914, 916
- P. rhodesi* 873
- P. univittata* sp. nov.** 806, 870, 871, 872, 918
- Pharus latifolius* 326, 329
- Philaematomyia* 863
- Philippines 122, 396, 473, 749, 806, 863, 1007
- Philodendron hederaceum* 291
- Phoboscincus garnieri* 526, 530

- Phoradendron piperoides* 341
 Phyllanthaceae 286, 325
Phyllanthus urinaria 253, 325
Phytolacca 325
 P. icosandra (see *Phytolacca rivinoides*) 325
 P. rivinoides 325
 Phytolaccaceae 289, 325
Pilea 251, 258, 339, 340
 P. gomeziana 251, 258, 339, 340
 P. microphylla 339
Pinaroloxias inornata 297, 313
 Piperaceae 286, 325
Pityrogramma calomelanos 280
 Plantaginaceae 258, 289, 326
 Pleistocene 58, 59, 234
 Poaceae 288, 326
Podarcis 225, 226, 227, 233, 234
 P. filfolensis 226
 P. lilfordi 226
 P. pityusensis 226
 P. raffonei 226
 P. tiliguerta 225, 226, 227, 233, 234
Polybotrya 268
 P. osmundacea 268
 P. polybotryoides 268
 Polynesia 311
 Polypodiaceae 259, 279
Polystichum adiantiforme 341
Porella navicularis 368
 Portugal 225, 379, 383
Potamobatrachus 952
 Powell, John Wesley 5, 6
 Príncipe 862, 867, 965, 966, 967, 968, 970, 971, 972, 976
Prionace glauca 495
Promecognathus crassus 211
Prosobranchia 733
Prunus paniculata 410
Pseudobatrachus foedus 945
Pseudocalotes 36, 66
 P. brevipes 66
 P. flavigula 66
 P. larutensis 66
Pseudocerastes 443, 444, 445, 446, 447, 448, 449
 P. bicornis 445
 P. fieldi 443, 444, 445, 447, 449
 P. persicus 443, 444, 445, 447, 448, 449
 P. urarachnoides **sp. nov.** 443, 446, 449
Pseudoelephantopus spicatus 292, 293
Pseudomyrophis nimius 736
Pseudonezumia 383
Pseudotriakis microdon 433
Pseudotsuga menziesii 210
Pseudouroleptes 768, 777, 778, 780
 P. pidgeoni 777, 778
Psidium guajava 321, 322
Psilochaeta 452
 Psilotaceae 259, 280
Psychotria 251, 330, 335, 336
 P. brachybotrya 335
 P. cocosensis 330, 335, 336
 P. gracilentata 251, 330, 335
 Pteridaceae 259, 260, 280
Pteridium feei 265, 267
Pteris 280, 281
 P. biaurita 280, 281
 P. tripartita 280, 281
 Pterostichini 203, 215, 223, 711
Pterostichus 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 215, 216, 217, 218, 219, 220, 221, 222
 P. algidus 206, 207, 208, 209, 210, 215
 P. amethystinus 203, 215
 P. brachylobus **sp. nov.** 215, 217, 218, 219, 220, 221, 222
 P. campbelli 210
 P. crenicollis 211
 P. castanipes 218
 P. herculaneus 206, 207, 208, 209, 211, 212
 P. infernalis 210
 P. lama 210, 211
 P. lanei 210
 P. lattini **sp. nov.** 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 216, 220
 P. neobrunneus 203, 211, 212
 P. nigrocaeruleus 215, 216, 218, 219, 220, 221, 222
 P. parens 212
 P. protractus 212
 P. rothi 210
 P. setosus 206, 207, 208, 209, 210
 P. sphodrinus 215
 P. tuberculofemoratus 210
 Ptychopteridae 838
Ptryctolaemus 66
 P. collicristatus 66
 P. gularis 66
Pycnandra 508
Pygophora 800, 805, 873, 882
 P. africana 873
 P. pallipalpis 873, 882
Pyrellia 804, 806, 874, 875, 920
 P. difficilis 875
 P. ampullacea 874, 875
 P. ampullacea **sp. nov.** 806, 875, 920

P. keiseri 874
Pyrellina 473
P. chrysotelus 473
P. marsya 473

R

Radicipes 733, 734
R. squamiferus 734
Ranidae 58
Ransom, Leander 4
Rapanea guianensis 291
Rattus 252, 512, 515, 518
R. exulans 512
R. norvegicus 252
R. rattus 512, 518
Réunion 255, 279, 807, 809, 814, 815, 836, 847, 849,
850, 856, 863, 868, 877
Rhacodactylus 503, 504, 506, 512, 515, 522, 526
R. aff. chahoua 526
R. aff. ciliatus 526
R. auriculatus 512, 515, 522
R. chahoua 522
Rhizophoraceae 287, 330
Rhododendron 718, 721, 726, 728, 729, 730
Rhothropus 596, 683, 694
R. barnardi 683
Rhynchospora 250, 299, 302
R. nervosa 299, 302
R. polyphylla 250, 299, 302
R. pubera var. *parvula* 299, 302
Richardia scabra 330, 335
Ricinus 287, 304, 306
R. communis 304, 306
Riekertia 949, 952
R. ellisi 949
Rixford, Gulian Pickering 11, 12, 17, 31
Rodríguez (Rodrigues) 72, 122, 123, 185, 255, 809,
815, 847, 863, 868, 877
Rolandra 253, 292, 293
R. argentea 293
R. fruticosa 253, 292, 293
Rooseveltia frankliniana 292
Rosaceae 258
Rubiaceae 251, 257, 286, 289, 330, 344
Ruditapes philippinarum 1003
Ruelliae 1012
Russia 795, 956, 957, 964
Rustia occidentalis 251, 330, 337
Rutaceae 287, 337
Ryukyu Ids. 863
Okinawa 815

S

Saccoloma elegans var. *spinosa* 265, 267
Sacoglottis 250, 251, 253, 257, 269, 309, 310
S. holdridgei 257, 311
S. ovicarpa 257
Salea 36, 66
S. horsfieldii 66
Salvia occidentalis 311
Sanopus 948, 952
São Tomé 862, 965, 966, 967, 968, 970, 972, 973, 976
Sarawak (see Malaysia)
Sardinia (see Italy)
Sargassum 930, 931, 932, 934
Scaphinotus 210, 211
S. angulatus 210, 211
S. angusticollis 210, 211
S. marginatus 210, 211
S. rugiceps 210
S. velutinus 210
Schefflera 508
Schlegelia 251, 258, 337
S. brachyantha 251, 337
Schlegeliaceae 258, 287, 337
Schwackaea 289, 315, 318
S. cupheoides 315, 318
Scincidae 542, 557, 698, 699, 703
Scleria secans 299, 304
Scoparia 258, 326
S. dulcis 326
Scrophulariaceae 258, 289, 338, 733
Scytodes 739, 740, 742, 743, 745, 747
S. oswaldi 745, 746
S. socialis sp. nov. 739, 740, 741, 742, 743, 744,
745, 746, 747
Scytodidae 739, 745
Sea of Japan 357, 358
Sea of Okhotsk 357
Selaginella 281
S. flagellata 281
S. horizontalis 281
Selaginellaceae 259, 281
Senna reticulata 307, 309
Setaria 250, 326, 329
S. geniculata 250
S. parviflora 326, 329
Seychelles 179, 279, 433, 434, 435, 437, 438, 439,
440, 441, 779, 807, 809, 820, 836, 847, 863, 873,
877
Sicydium 965, 966, 967, 968, 969, 970, 971, 972, 973,
976, 977
S. brevifile 965, 966, 967, 969, 970, 971, 972,

- 973, 974, 975, 976
S. bustamantei 965, 966, 967, 968, 969, 970, 972, 973, 974, 975, 976, 977
S. crenilabrum 966, 968, 970, 976
S. plumieri 970, 972
Sicyopterus 968, 970, 977
Sida acuta 253, 312, 313
Sierra Leone 825, 826, 938, 939
Simpsonella 733, 734, 735
S. ramifera 734
S. squamifera 734
Singapore 100, 101, 339
Sistrurus 443, 448
Sitana ponticeriana 66
Socotra 815, 836, 849, 850, 857, 862, 863, 868
Solanaceae 288, 338
Solanum 338
S. americanum 338
S. quitoense 338
Solenopsis 71
Somalia 99, 100
South Africa 107, 140, 177, 366, 481, 499, 595, 596, 598, 599, 601, 605, 607, 609, 610, 612, 614, 616, 618, 620, 622, 624, 634, 636, 638, 640, 642, 648, 649, 650, 651, 652, 660, 664, 665, 667, 673, 677, 679, 681, 684, 692, 693, 695, 696, 733, 737, 745, 802, 847, 854, 867, 949, 954
South America 11, 256, 257, 293, 295, 297, 301, 306, 308, 309, 312, 339, 341, 555, 587, 806, 949; see also individual countries: Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Guiana(s), Paraguay, Peru, Uruguay, Venezuela
South Pacific 297, 327, 373
American Samoa 373, 374, 376
Marquesas 373, 374, 376
Samoa 862
South Yemen 809, 849, 850, 856, 863, 877
Southwest Asia: see countries: Afghanistan, Iran, Pakistan, Turkmenistan
Spain 1003, 1010
Spathiphyllum 251, 288, 291
S. atrovirens 291
S. laeve 251, 291
S. wendlandii 291
Spermacoce exilis 330, 337
Sphagebranchus foresti 736
Sphagneticola trilobata 250, 292, 293
Spilogona 799, 800, 805, 806, 876, 922
S. fulvipollinosa sp. nov. 800, 806, 876, 922
Spondias lutea 253
Sporobolus indicus 326, 329
Squamata 443, 503, 507
Sri Lanka 62, 66, 96, 97, 101, 103, 108, 122, 1012, 1017; see also Ceylon
St. Kitts 555
St. Lucia 555, 925, 927, 928, 932, 933
Stegodyphus 742, 745
Stenosiphonium 1011, 1012, 1016
S. cordifolium 1012
S. setosum 1012
S. wightii 1012
Stenostephanus 1011, 1012, 1013, 1014, 1015
S. chiapensis 1011, 1013, 1014, 1015
S. haematodes 1014
S. silvaticus 1014
Sterculiaceae 258
Sticherus 268, 269
S. palmatus 268, 269
S. remotus 251, 268, 269
S. rubiginosus 268, 269
Stictocardia tiliifolia 298
Stomoxys 473, 475, 477, 803, 877, 922
S. calcitrans 877, 922
S. niger 877, 878
Stomyxys [sic] 477
Strobilanthes 1011, 1012, 1013, 1014, 1016
S. accrescens 1011
S. asymmetrica 1011
S. callosa 1011
S. cernua 1011
S. diandra 1011
S. divaricata 1011
S. echinata 1011
S. extensa 1011
S. helicta 1011
S. ixiocephala 1011
S. kunthiana 1011
S. maculata 1011
S. pulcherrima 1011
S. sexennis 1011
S. thomsonii 1011
S. wallichii 1011, 1012, 1016
Strobilanthesinae 1011, 1012
Stylogaster 473, 474, 475, 477, 806
S. camrasi 473
S. malgachensis 473
S. pauliani 473
S. seguyi 473
S. seyrigi 473
Stylogastrinae 473
Sudan 128
Sula 297
S. melanogaster 297
Syllophopsis 71, 74, 82, 161, 163, 177

Sympllocaceae 387, 388, 391

Symplocos 387, 388, 390, 391, 392, 394, 395, 396, 397, 398, 399, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 429

S. adenopus 403

S. alata 394

S. anomala 392, 394, 429

S. anomala var. *fusionii* 394

S. anomala var. *liosiphon* 394

S. anomala var. *nitida* 394

S. araioura 424

S. argentea 394

S. ascidiformis 424

S. balfourii 406

S. bodinieri 406

S. botryantha 420

S. botryantha var. *stenophylla* 420

S. caudata 420

S. caudata var. *macrantha* 420

S. cavaleriei 420

S. chinensis 410

S. cochinchinensis 391, 393, 395, 396, 406, 429

S. cochinchinensis subsp. *laurina* 406

S. cochinchinensis var. *laurina* 406

S. confusa 412

S. coronigera 421

S. crataegoides 391, 410

S. delavayi 396

S. dielsii 394

S. discolor 421

S. dolichotricha 390

S. dryophila 393, 396, 397, 398, 399, 403, 429

S. esquirolii 394

S. fasciculata Zollinger var. *chinensis* 415

S. forrestii 396

S. fusionii 394

S. glauca 392, 401, 402, 429

S. glomerata 393, 402, 403, 404, 429

S. grandis 402

S. groffii 388

S. heishanensis 403

S. henryi 421

S. henschelii 391

S. hunanensis 410

S. intermedia 414

S. laurina 391, 393, 395, 405, 406, 407, 408, 429

S. laurina var. *bodinieri* 406

S. leucantha 414

S. loha 406

S. longipetiolata 396

S. lucida 422

S. macrophylla 390, 419

S. macrophylla var. *sulcata* 418

S. macrostachya 414

S. macrostachya var. *leducii* 414

S. martinicensis 391

S. multipes 421

S. myriantha 415

S. oblanceolata 402

S. oxyphila 409, 410

S. oxyphylla 393, 408, 429

S. paniculata 391, 392, 410, 411, 412, 429

S. pedicellata 408

S. pendula 392, 412, 413, 429

S. persistens 419

S. phyllocalyx 421

S. pinfaensis 406

S. potaninii 421

S. punctata 420

S. punctulata 412

S. racemosa 391, 393, 413, 414, 415, 429

S. racemosa var. *composita* 413

S. ramosissima 392, 393, 403, 415, 416, 417,

418, 425, 426, 429

S. ramosissima var. *salweenensis* 415

S. ramosissima var. *xylopyrena* 425

S. rigida 414

S. setchuensis 421, 422

S. sinuata 421

S. spicata 405, 406

S. spicata var. *laurina* 405

S. spicata var. *zeylanica* 406

S. stapfiana 415

S. stapfiana var. *leiocalyx* 415

S. sulcata 392, 418, 419, 429

S. sumuntia 393, 420, 425, 429

S. sumuntia var. *floribunda* 420

S. sumutia [sic] 421

S. theifolia 392, 403, 421, 422, 423, 429

S. tinctoria 391

S. vinoso-dentata 406

S. viridissima 392, 420, 424, 425, 429

S. xylopyrena 393, 425, 426, 429

S. yizhangensis 403

S. yunnanensis 419

S. wenshanensis 403

S. xanthoxantha 421

Synedrella nodiflora 292, 293

Syrphidae 838

Syzygium 508

T

- Taiwan 815
Talipariti tiliaceum var. *pernambucense* 250, 312, 313
Tanystoma sulcata 210
Tanzania 108, 109, 557, 558, 559, 733, 734, 826, 849, 850, 855, 862
Tapinillus sp. 742, 744
Tasmania (see Australia)
Tassadia 288, 290
 T. colubrina 290
 T. obovata 290
Tectaria 281, 282
 T. incisa 281, 282
 T. mexicana 281, 282
Tectariaceae 260, 281
Teleostei 433, 937, 945, 965
Templeton-Crocker Expedition 254
Terminalia catappa 250, 297
Tenuicosta 803
Terpsichore cocosensis 269, 270
Testudo 955, 956, 957, 958, 960, 961, 964
 “*Testudo*” *hermanni* 956, 957, 958, 964
 T. anamurensis 957, 960
 T. antakyensis 957, 960
 T. armeniaca 960
 T. graeca 955, 956, 957, 958, 960, 961
 T. kleinmanni 956, 957, 960
 T. marginata 956, 957, 960, 964
 T. nikolskii 957, 960
 T. terrestris 958, 960
 T. zarudnyi 958, 961
Tethys Sea 935
Thailand 38, 45, 46, 47, 49, 54, 68, 395, 396, 398, 402, 410, 414, 419, 421, 423
Thalassia 931
Theaceae 287, 338
Thelypteridaceae 259, 282
Thelypteris 282, 283, 284, 285
 T. balbisii 282, 283
 T. calypso 282, 283
 T. cocos 282, 283, 284
 T. decussata var. *costaricensis* 282, 283
 T. hispidula 282, 283
 T. leprieurii var. *subcostalis* 282
 T. serrata 282, 285
Theobroma 288, 312, 313
 T. cacao 312, 313
Thordisa 981, 982, 983, 984, 985, 986, 987, 988, 989
 T. “aliciae” 984
 T. albomacula 981, 985, 986
 T. azmanii 981, 984, 985, 986, 989
 T. bimaculata 981, 986
 T. diuda 984, 986, 989
 T. filix 981, 985, 986
 T. harrisi 981, 982, 983, 984, 986, 989
 T. hilaris 986
 T. luteola 981, 985, 986
 T. nieseni 981, 984, 985, 986, 989
 T. oliva 981, 984, 986
 T. rubescens 981, 986
 T. sabulosa 985
 T. sanguinea 981, 986
 T. setosa 985, 986
 T. tahala 981, 985, 986
 T. villosa 985, 986, 989
Tiliaceae 258
Tillandsia 294
Tityobuthus 752
Togo 825, 826
Trachypachus holmbergi 211
Trask, John Boardman 1, 2, 3, 4
Trema micrantha 338
Triassic 58
Triathalassothia 945, 946, 947, 948, 949, 952
 T. argentinus 945, 946, 947, 948, 949, 952
 T. gloverensis 945, 946
 T. lambaloti 945, 947, 952
Trichomanes 270, 271, 272, 273, 341
 T. angustifrons 270, 271
 T. ankersii 271
 T. capillaceum var. *cocos* 270
 T. collarium var. *alvaradoi* 270, 272
 T. elegans 270, 272
 T. galeotii 271
 T. galeotii 272
 T. kapplerianum 270, 272
 T. membranaceum 270, 272
 T. pinnatum 271, 273
 T. pyxidiferum 341
 T. rigidum 270, 273
Trimeresurus 226
Trinidad 262, 263, 265, 267, 268, 269, 270, 272, 273, 275, 278, 279, 280, 281, 285, 290, 291, 316, 317, 328
Tropidoscincus boreus 512, 515, 518
Tsuga heterophylla 210
Tunisia 103, 234, 857, 956, 964
Turkey 445, 792, 955, 956, 957, 958, 960, 962, 964
Turkmenistan 785, 786, 792, 794, 795, 964
Typhlacontias 557, 558, 559, 560
 T. gracilis 557, 558, 559
 ***T. kataviensis* sp. nov.** 558, 559
 T. rohani 557, 558

Typhobittacus maculpinei 367

U

Uganda 814, 826, 849, 850, 853

U.S. Geological Survey (see United States Geological Survey)

Unionidae 733

United States 5, 8, 11, 14, 15, 61, 203, 221, 253, 254, 263, 278, 280, 282, 283, 301, 326, 327, 328, 329, 337, 342, 365, 385, 479, 561, 925

Alaska 215, 357, 358, 362, 368

Arizona 368

California 2, 210, 215, 216, 221, 365, 366, 368, 369, 370, 371, 479, 480, 481, 482, 496, 497, 498, 1004

Death Valley 2

El Dorado County 367

Marin County 1, 8, 9, 19

Owens Valley 6

Placer County 367

San Francisco 1, 2, 4, 7, 8, 9, 10, 11, 12, 13, 30, 31

San Francisco Bay 1003, 1004, 1005, 1006, 1009, 1010

Sierra Nevada 2, 6, 11, 367, 368, 370

Yosemite Valley 2, 368

Florida 260, 278, 279, 280, 281, 282, 285, 293, 295, 297, 298, 308, 325, 339, 342, 450, 484, 540, 565, 566, 568, 611, 646, 703, 736, 749, 925, 926, 927, 928, 929, 930, 942

Hawaii 255, 306, 325

Kansas 182, 371

Montana 366, 368, 370

Nevada 5, 6

Basin and Range 5, 6

Great Basin 11, 365

Oregon 203, 204, 205, 209, 210, 211, 212, 215, 216, 217, 221, 222, 357, 358, 362, 368, 369, 370, 479, 482, 493, 494, 496, 497, 498, 565, 573

Pennsylvania 503, 543, 565, 595

South Carolina 565

Texas 14, 300, 308, 329, 341, 371

Utah 6, 370, 371

Lake Bonneville 6

Wasatch Range 6

Washington 1, 8, 12, 13, 14, 15, 35, 61, 203, 210, 212, 215, 216, 223, 346, 369, 372, 374, 377, 497, 498, 565, 570, 576, 1003, 1009

Wyoming 368

United States Fish Commission 253

United States Geological Survey 1, 5, 10, 12, 17, 29

Urena lobata 253, 312, 313

Urticaceae 288, 338

Uruguay 260, 285, 328

V

Valdichthys [*sic*] (see *Vladichthys*) 948

Van Denburgh, John 7, 11, 12

Venezuela 269, 275, 280, 281, 291, 292, 295, 301, 302, 308, 311, 316, 318, 326, 341, 549, 550, 552, 554, 555, 925, 926, 927, 928

Verbenaceae 287, 339

Vietnam 38, 59, 66, 279, 395, 396, 398, 402, 412, 413, 414, 416, 421, 423, 425

Vigna vexillata 306, 309

Viperidae 443, 448, 450

Vittaria graminifolia 285

Vittariaceae 259, 285

Viviparomusca 863

Vladichthys **gen. nov.** 945, 946, 947, 948, 949, 952

V. gloverensis **sp. nov.** 946, 947, 948, 949, 952

Voyria aphylla 309

W

Wasmannia auropunctata 522, 526, 536

Wedelia 293

W. paludosa 293

W. trilobata 293

West Africa 826, 937, 938, 940, 965, 966

Zaire 862, 863

Zambia 557, 559

Zimbabwe 115, 116, 140, 147, 557, 598, 600

West Indies 100, 283, 290, 293, 295, 298, 301, 304, 308, 309, 311, 313, 317, 318, 325, 326, 327, 328, 329, 332, 339, 341, 555

Wheeler, Lieut. George 5

Whitney, Josiah Dwight 4

Williamson, Robert Stockton 4

Windward Islands 930, 932

Woodsiaceae 260, 285

X

Xanthosoma sagittifolium 291

Xeromyrmex 103, 104

Xestochilus nebulosus 376

Y

Yale, Gregory 4

Yirrkala 373, 374, 375, 376

Y. lumbricoides 373, 376

Y. moorei 373, 374, 375, 376

Y. tenuis 373, 376

Youngia japonica 292, 293

Z

Zacotus matthewsii 211

Zaire 862, 863

Zambia 557, 559

Zapoteca tetragona 307, 309

Zimbabwe 115, 116, 140, 147, 557, 598, 600