

Index

A

- Abundance, 69, 70, 74, 76–81, 84, 85
Acerodon, 513, 542
Acerodon jubatus, 6, 412
Achimota virus, 272
Activity, 41, 45, 48, 49, 53, 58, 74, 77, 81, 83, 87, 88, 219
Acute pneumonia, 270
Adaptability, 13, 20, 24
Adaptive management, 140
Aerial-hawking, 299, 303
Africa, 269, 271, 273, 274, 277, 280, 301, 303, 378, 391, 399, 415
African civet, 269
Age of discovery, 505
Agency, 540, 553
Aggregates, 126
Agricultural intensification, 153, 154, 165, 174, 282
Agricultural management, 153
Agriculture, 63, 64, 84–86, 91, 227
Agroforestry, 64, 80–82, 164
Alternative conceptions, 577, 582
Amplifier host, 276, 277
Anthropocene, 2, 3, 7
Anthropomorphism, 581, 586, 588
Antibodies, 264, 268–274, 276
Antibody prevalence, 267
Antrozous pallidus, 432
Arabia, 273
Aravan virus, 268
Area, 69, 75, 86
Areas and sites of importance for the conservation of bats, 552, 558
Arid, 215
Artibeus jamaicensis aequatorialis, 511
Artificial, 215, 220, 222, 230–233
Artificial fertilizers, 2
Artificial light, 446
Asia, 271, 273, 280, 302, 303
Aspect, 116
Assessment, 586
Attitude, 573–576, 578, 579, 581, 583, 586
 affective component, 577, 581, 588
 altruistic, 580
 behavioral component, 577
 biospheric, 580
 cognitive component, 577
 disgust for bats, 580, 583
 egoistic, 580
 fear of bats, 577, 580, 581, 583
 humanistic, 579
 moralistic, 579, 580
 negativistic, 580
 utilitarian, 580
Attitude function, 578
 ego-defensive, 578
 object-appraisal, 578
 social-adjustment, 578
 value-expressive, 578
Attitude strength, 578, 579
Attraction, 296
Australasian Bat Society (ABS), 542, 544, 551, 557, 559, 561–563, 565
Australia, 111, 269–272, 276, 277, 282, 301, 303, 379, 396, 397, 399–401, 404, 406–408, 412–419
Australian bat lyssavirus, 268, 269, 282
Available, 232
Aversion agents, 414, 417

B

Bangladesh, 268, 271, 275, 280, 393, 399, 406, 411, 412
Barbastella barbastellus, 39, 472
 Barotrauma, 296, 297
 Barrier, 38
 Barrier effect, 41, 44, 46–48, 52
 Bat activity, 307, 308, 314, 316
 Bat-borne diseases, 277, 282
 Bat-borne viruses, 278, 282
 Bat Conservation Africa (BCA), 543, 545, 562, 565
 Bat Conservation International (BCI), 550
 Bat Conservation Trust (BCT), 542, 543, 546, 551, 553, 557, 560, 563
 BatLife Europe, 543, 544, 551
 Bat Pagoda, 509
 Bats, 215–229, 231–233
 Beech, 110
 Before–after–control–impact design, 78, 94
 Behavior, 344, 346
 Behavioral intentional, 573
 Behavioral responses, 63, 87, 88, 91, 93
 Bible, 583
 Biological control agent, 415
 Biomagnification, 167
 Black flying fox, 269, 270
 Board interlocks, 565
 Bokeloh bat lyssavirus, 268
 Boreal forest, 110
 Borneo, 394, 404
 Brazil, 267, 278
 Brazilian free-tailed bat, 267
 Buffers, 133
 Bushmeat, 274, 277, 326, 328, 335, 339, 481, 541, 565, 572, 578

C

Cambodia, 410
 Camels, 273
Camelus dromedarius, 273
 Campaigns, 326, 352
 Canada, 267, 297–299, 309, 310, 312
 Carcass searches, 302
Carollia perspicillata, 267
 Cats, 268, 269
 Cave size, 470
 Cedar virus, 271
 Central America, 265
Chaerephon, 273
Chaerephon plicatus, 466
Chaerephon pumilus, 431, 438
Cheiromeles torquatus, 404, 481

Chemical pollutants, 7
 Chimpanzees, 274, 277
 China, 272
Chironax melanocephalus, 406
 Chiroptera Conservation and Information Network of South Asia (CCINSA), 543, 546, 551, 560, 565
 Christmas Island, 517
Chrotopterus auritus, 528
 Citizen science, 542
 City, 15, 17
Civettictis civetta, 269
 Clearcut/clear-fell harvest, 124, 140
 Clear fell, 117
 Climate change, 176, 477
 Clinical signs, 264, 265, 268, 270, 271
 Clinical symptoms, 268, 273
 Closed-space species, 107
 Clutter, 117, 129, 131
 Clutter-tolerant bats, 18, 187
 Cognitive dissonance, 579
 Collision, 38, 41, 42, 44, 49, 50, 52, 55
 Collision risk, 314
 Commercial, 329, 342, 353
 Commerson's leaf-nosed bat, 269
 Common vampire bat, 265
 Commuting, 41, 42, 47, 48, 50, 53, 55–57
 Compensation, 443
 Complementarity, 521
 Conceptual models, 107
 Conflict, 430, 437, 446, 450
 Congo, 274
 Coniferous, 110
 Connectivity, 79, 85–87, 91
 Conservation, 36, 37, 51, 54, 218, 275, 326, 334–337, 339–354, 417, 419, 429, 437, 443, 444, 446, 449, 450, 452, 453, 487
 Conservation networks, 540
 membership, 552
 Conservation psychology, 572
 Conservation social science, 573
 Consumption, 326, 327, 330, 334, 337, 339, 350
 Contact zone, 281
 Contaminated ponds, 226
 Convention on International Trade in Endangered Species (CITES), 6, 329, 513, 542
 Convention on Biological Diversity (CBD), 512
 Convention on Migratory Species, 513
 Convention on the Conservation of Migratory Species of Wild Animals (CMS), 541
 Corn earworm, 168

Coronavirus, 272
 Corridors, 132, 133, 306, 309
Corynorhinus rafinesquii, 434, 445
Corynorhinus townsendii, 444, 479
Corynorhinus townsendii ingens, 528
 Cotton bollworm, 171
 Coupe/cutblocks, 140
 Crab-eating macaques, 274
 Craseonycteris thonglongyai, 467, 516, 521
 Crop raiding, 173
 Cryptic species, 527
 Culling, 277, 278, 282
 Cultural perspectives of bats, 582
 Cumulative effects, 312, 317
 Cut-in speed, 304, 310, 311, 315, 316
Cynopterus brachyotis, 394
Cynopterus sphinx, 392, 405, 412, 413
 Cyprus, 391, 402, 416

D

Date palm sap, 271, 277, 279
 Daubenton's bat, 268
 Dawn bats, 268
 Deadwood, 114
 Deciduous, 110
 Decline, 341, 347, 485
 Decoy crops, 411
 Deferment, 125
 Deferment harvests, 140
 Deforestation, 282
 Delicacy, 327, 332
 Demographic changes, 449
 Desert, 215, 216, 218–220, 223, 224, 227, 233
Desmodus rotundus, 267, 442
 Deterrents, 414
 Diagnostic features, 511
 Diet, 416
 Disease, 581, 583
 Disease prevalence, 63, 89, 91, 93
 Dispersal, 39
 Distributions, 233
 Disturbance, 333, 343, 345, 352, 353, 477
 Diversity, 69, 77, 81, 83
Dobsonia moluccensis, 475
 Dogs, 269, 276
 Domestic animals, 265, 271, 281, 282
 Drinking, 215–224, 226, 227, 231, 233
 Dromedary camels, 273, 277
 Drought, 218, 221
 Dryland, 216
 Duiker, 274
 Durian, 6
 Duvenhage virus, 269

E

Eastern pipistrelle bat, 267
 Ebola, 274, 277
 Ebola virus, 275
 Ecomorphology, 105, 107, 126
 Ecosystem disservices, 156, 173
 Ecosystem service provision, 64, 65, 93, 94
 Ecosystem services, 2, 6, 152, 174, 187, 202, 378, 418, 576–578, 583, 584
 Edge, 105, 117, 118, 138
 Edge effects, 65, 73, 75
 Edge-space bats, 126
 Edge-space species, 107
 Education, 345–347, 351, 354, 418
 Educational efforts, 280
 Education initiatives, 578, 583
 Effect size, 155
 Egypt, 379
 Egyptian Slit-faced Bat, 269
 Egyptian tomb bat, 273
Eidolon, 541
Eidolon dupreanum, 412, 467
Eidolon helvum, 269, 274, 465
 Emotion, 577, 580, 581, 586, 588
 Encephalitis, 270, 271
 Endangered Species Act (ESA), 299, 312, 515
 Environmental education, 178
Eonycteris spelaea, 6, 268, 379, 406, 409, 466
 Ephemeral, 218
Eptesicus fuscus, 433–435, 440, 445, 446, 448
Eptesicus nilssonii, 437
Eptesicus serotinus, 268, 276, 436, 440
 Estimators, 298
 Eucalypt, 112, 134
 EUROBATS, 298, 300, 314, 513, 541–543, 551, 562, 564
 inter-sessional working groups, 552, 562
 range state, 543, 552, 562
 Europe, 110, 220, 222, 224, 231, 232, 272, 273, 275, 276, 297, 299, 300, 303, 304, 306–308, 310, 315
 European bat lyssavirus, 268
 Evaluative conditioning, 581
 Evolutionary Significant Unit (ESU), 526
 Exclosure studies, 171
 Exclusion, 138
 Exposure risk, 308
 Extinction rate, 521, 523
 Extinction risk, 521

F

Fall armyworm, 168
 Fast–slow continuum of life, 429

- Fatalities, 295, 296, 298–311, 313–317
 Febrile defence, 265
 Febrile illness, 272
 Febrile response, 265
 Feeding, 379
 Feeding preferences, 412
 Fever, 272
 Field guides, 512
 Fiji, 397, 416
 Fitness, 433
 Flight, 264, 265
 Flight as fever hypothesis, 265
 Flight morphology and performance, 187
 Flightlines, 54, 56
 Flying foxes, 269, 270, 272, 277, 280, 281, 378, 578, 585
 Folklore, 275
 Food, 327, 328, 330–332, 339, 342, 350
 Food security, 174, 177
 Foraging, 217, 221, 416, 431, 432, 435, 445, 446
 Forest zoning, 140
 Fragmentation, 38, 39, 63, 65, 68, 69, 71–74, 86, 87, 89–91, 93
 Fragment–matrix contrast, 66, 69–71, 73, 74, 87
 Frugivorous bats, 187, 203
 Fruit, 271
 Fruit bats, 327, 329, 331, 334, 335, 337–379, 342–344, 347, 351
 Functional ecology, 20, 25
 Funding, 417
- G**
- Gabon, 274
 Gantries, 52
 Gap release, 140
 Gaps, 128
 Gates, 488
 Genetic differentiation, 86
 Genetic diversity, 86
 Genetic responses, 63, 86, 91, 93
 Genetic variation, 522
 Geographical borders, 275
 Germany, 297, 300, 304, 308–310, 315
 Ghana, 269, 272
 Global climate change, 2, 7
 Global network of networks, 557, 559, 564
 Global nitrogen cycle, 2
 Global primary production, 2
 Globalization of transport, 2
Glossophaga soricina, 528
- GM crops, 175
 Gorillas, 274, 277
 Green bridges, 52, 53
 Green tree, 140
 Gregarious roosting behaviour, 264
 Grey-headed flying fox, 270
 Group selection, 127, 136
 Group selection harvest, 141
 Growth, 337, 338, 345
 Guano, 466
 Guidelines, 278, 279, 487
 Guinea, 274, 280, 391, 415
 Gun, 342, 343
- H**
- Habitat conversion, 154
 Habitat directive, 6, 515
 Habitat loss, 3, 282
 Harvest, 338–343, 345, 352
 Harvest exclusion, 132, 133
 Heavy metals, 226
 Hemorrhagic fever, 274
 Hendra virus, 270, 276, 277, 282
 Henipavirus, 265, 270, 271
 Heterogeneity, 139
 HeV, 270
 Hibernacula, 446, 447, 452, 490
 Hibernaculum, 306
 Hibernation, 265, 429, 433, 444, 446–448, 451, 476
 High-throughput sequencing, 523, 529
Hipposideros commersoni, 269, 273
Hipposideros halophyllus, 521
Histoplasma capsulatum, 442
 Hollow-bearing trees, 133
 Hollows, 134
 Hollow trees, 139
 Hop-overs, 52, 54
 Horses, 270
 Hotspot approach, 520
 Human, 264, 265, 269–274, 276, 279, 281, 282, 428, 437, 440–442, 447, 449, 452, 453
 Human-bat conflict
 fruit farmers, 559
 Human dimensions of wildlife, 572
 Human-to-human transmission, 273
 Humidity, 471
 Hunter attitudes, 578
 Hunters, 274, 333, 339–341, 348, 350, 352
 Hunting, 3, 4, 281, 325–327, 329–347, 349–354

I

Icek Ajzen, 573
 Ikoma virus, 265, 268
 Illegal trade, 542
 Immunity, 264
 Impact, 334, 340, 345
 Income, 352
 India, 271, 392, 405, 413, 415, 416
 Indian flying fox, 268
 Indian ocean, 391, 411
 Indian subcontinent, 392
 Indicator species, 518
 Indonesia, 394, 396, 418
 Infection, 264, 265, 268–274, 276
 Infectious diseases, 558, 565
 Information processing, 578, 579
 Insect, 115, 228
 Insectivorous bats, 329, 343
 Intermediate host, 273, 282
 Interspecific interactions, 87, 89
 Inventory, 518
 Invertebrate, 475
 Irkut virus, 268
 Island bats, 7
 Isolation, 69, 72, 82, 85
 Israel, 390, 402, 409, 414, 416
 IUCN assessments, 4
 IUCN bat specialist group, 3, 550
 IUCN Red List, 504, 518

J

Japan, 398, 403, 416
Jeilongvirus, 272
 Joint ventures, 565
 Jordan, 390

K

Karst, 464
 Kellert's typology of attitudes, 579
 Kenya, 268, 269, 273, 276
 Keys, 511
 Khujand virus, 268

L

Lagos Bat Virus (LBV), 269, 274
 Land-bridge islands, 70, 72–74, 86
 Land sharing, 174
 Land sparing, 174
 Landscape, 137, 164, 176
 Landscape composition, 70, 71, 91
 Landscape configuration, 70, 71, 74, 75, 91

Landscape context, 76, 80–82
 Landscape structure, 70–72
 Land use change, 4
 Large-scale movements, 264
Lasionycteris noctivagans, 267
Latidens salimalii, 405
 Latin America, 278, 281
 Latin American Bat Conservation Network (RELCOM), 543, 548, 550–552, 557, 558, 560–564
 Bat Conservation Programs (PCMs), 552, 563
 Laws, 331, 341, 342, 350
 Lebanon, 390
 Legislative approach, 400
Leishmania braziliensis, 440, 442
 Lepidopteran, 136
Leptonycteris curasoae, 468
Leptonycteris nivalis, 488
 Lesser horseshoe bat, 273
 LiDAR, 141
 Life-history, 264
 Light, 36, 41, 44, 48, 50, 56, 474
 Light-averse bat species, 188
 Light-emitting diode lamps, 187
 Light-emitting diodes (LEDs), 190
 Light pollution, 5
 Little brown bat, 267
 Livestock, 277, 281, 282
 Lleida virus, 268
 Lloviu virus, 275
 Log odds ratio, 155
 Logging, 63, 64, 75, 77, 78, 118
 Longevity, 4, 265
 Longitudinal, 129
 Long-term, 129
 Long-term studies, 64, 73, 75, 94
 Lubee Bat Conservancy, 550
 Lyle's flying fox, 268
 Lyssavirus, 265

M

Macaca fascicularis, 274
Macroderma gigas, 474
Macroglossus minimus, 406
Macroglossus sobrinus, 406
Macrotus californicus, 473
 Madagascar, 271, 392, 401, 405, 411, 416
 Malaysia, 271, 272, 280, 393–395, 399, 403, 404, 412, 414, 416
 Maldives, 391
 Management, 326, 337, 341–344, 346, 348, 350–354

- Management intensity, 76, 81
 Marburg virus, 274, 275
 Market, 280, 328, 329, 339, 340, 343
 Martin Fishbein, 573
 Masked palm civet, 272
 Mass mortality, 275
 Maternity roost, 451
 Matrix, 63, 66, 69–73, 77, 80–82, 84, 86, 87, 91
 Matrix habitat, 164
 Mauritius, 391, 405, 409–411, 414, 415
 Media, 275
 Medicine, 330, 343
 Mediterranean, 379, 413
Megaderma lyra, 430, 432
 Menangle virus, 272, 282
 Meta-analysis, 19, 27, 154
 Mexican free-tailed bat, 267
 Mexico, 299, 303, 304, 313
 Middle East Respiratory Syndrome (MERS), 273, 277
 Migration, 274, 282, 541
 Migratory, 299, 301–303, 312, 313, 316
 Migratory bats, 6
 Migratory behaviour, 268
 Mining, 226
Miniopterus, 272, 481
Miniopterus aelleni, 528
Miniopterus manavi, 528
Miniopterus schreibersii, 268, 269, 275
 Mitigation, 36–38, 47, 50–52, 54, 55, 57, 58, 295, 298, 304–306, 308–317, 406, 443
 Mitigation and restoration, 230
 Mitigation methods, 188, 205
 Mokola virus, 265, 269
Molossus molossus, 448
 Monitoring, 47, 51, 52, 54, 346, 347, 349, 350, 518
Monophyllus redmani, 474
Mops condylurus, 434–436, 438
 Moral reasoning, 580
Mormoops blainvillei, 474
Mormoops megalophylla, 480
Mormopterus francoismoutoui, 436
 Mortality, 37, 38, 41–43, 47–50, 338
 Motion-sensitive lighting, 188
 Movement, 85, 87, 91
 Multicomponent model of attitude, 577
 Multi-spatial scale forest management, 136
 Multi-spatial scale management, 107
 Mumps virus, 272
Muntingia calabura, 413
 Myanmar, 396
Myotis albescens, 438
Myotis bechsteini, 39
Myotis dasycneme, 472
Myotis daubentonii, 268, 472
Myotis emarginatus, 436, 445, 471
Myotis grisescens, 473
Myotis leibii, 483
Myotis lucifugus, 42, 267, 448, 528
Myotis myotis, 44, 48, 434–436, 439, 441, 472
Myotis mystacinus, 472
Myotis nattereri, 472, 528
Myotis nigricans, 438
Myotis sodalis, 41, 479, 517
Myotis velifer, 483
 Mystacinidae, 524
 Myths, 577, 582, 586
- N**
 National Bat Monitoring Programme, 542
 Nationale Strategie zur Biologischen Vielfalt, 526
 Natural host, 264, 275
 Natural reservoir, 264, 269, 271–274
 Negative stigma, 275
 Neonicotinoids, 167
Neoromicia capensis, 441, 445
Neoromicia roseveari, 517
 Netting, 406, 417
 Network functioning, 553
 communication, 553, 563
 coordination, 540
 Network leadership, 562
 Network structure, 553
 betweenness centrality, 554, 556
 bridging actors, 554
 bridging links, 554
 centralized networks, 554, 562
 connectivity, 559
 degree centrality, 553, 556
 homogenization, 554
 homophily, 554, 556, 562, 563
 links, 553, 556, 559
 modularity, 554, 561
 network centrality, 554
 network cohesion, 554
 network density, 554
 network diameter, 554
 network subgroups, 554
 network weaving, 557, 559, 562
 nodes, 553

path lengths, 554
 peripheral actors, 556, 557, 561
 polycentric networks, 556
 resilience, 554, 556, 559
 small world networks, 554
 subgroup cohesion, 557
 subgroups, 556, 561
 Network theory, 540
 social, 542
 Neurotropic, 265
 New Mexico, 267
 New York, 267
 Next-generation sequencing, 529
 Nigeria, 269, 273
 Nipah virus, 271
 Nocturnal hominid, 4
 Noise, 36, 41, 44, 48, 58
 Norms, 584
 conveyance methods, 586
 descriptive, 585
 folkways and customs, 585
 injunctive, 585
 laws, 585
 mores, 585
 subjective, 573, 574
 taboos, 585
 North America, 108, 265, 275, 276
 North American Bat Conservation Alliance
 (NABCA), 543, 547, 563
 North American Society for Bat Research
 (NASBR), 550
Nyctalus leisleri, 50, 432
Nyctalus noctula, 431, 433, 435, 447, 467
Nycteris thebaica, 269, 441, 445
Nyctinomops macrotis, 441

O
 Occupancy, 466
 Ocean acidification, 2
 Off-reserve, 137
 Offshore, 307, 316
 Off-take, 339, 340, 342
 Old-growth forests, 113
 Old World Fruit Bat Action Plan, 519
 Open-access journal, 511
 Open-space bats, 126
 Open-space foragers, 107
 Organochlorines, 167
Otomops martiensseni, 436
 Outbreak, 265, 270–275, 277
 Outreach, 345–347, 350, 351

P
 Pacific, 397
Paguma larvata, 272
 Pakistan, 393, 406, 416
 Pandemic, 272
 Pandemic spread, 272
 Papua New Guinea, 396, 397
 Paramyxoviridae, 270
 Paramyxovirus, 271
 Parataxonomy, 520
 Passive rewarming, 433
 Patch cuts, 141
 Pathogenic, 269
 Pathogenicity, 271
 Pemba Island, 391
 Perceived behavioral control, 574
Perimyotis subflavus, 267
 Permanent, 218
 Persecution, 4, 277, 278
 Peru, 267, 278
 Pest insects, 6
 Pest limitation, 155, 168, 171
 Pesticides, 167, 176
 Pests, 437
 Philippines, 274
Phyllostomus hastatus, 435, 468
 Physiological responses, 63, 89, 91, 93
 Pigs, 271, 272, 274
Pipistrellus kuhlii, 477
Pipistrellus murrayi, 3, 517, 559
Pipistrellus pipistrellus, 41, 432, 438, 445,
 485, 527
Pipistrellus pygmaeus, 437, 448
Pitangus sulphuratus, 438
 Plantation, 134
Platyrrhinus lineatus, 513
Plecotus auritus, 445, 448, 472
 Policy, 295, 298, 311, 312, 317
 Pollination, 155, 172, 379, 418
 Pollutants, 439
 Pollution, 36, 37, 44, 48
 Pools, 218
 Population, 138, 296, 310, 314–316, 329–332,
 334, 336–338, 340–343, 345–347,
 349–352, 354
 Population density, 264
 Population immunity, 282
 Portugal, 296, 300, 304–306, 308–310
 Post-construction monitoring, 312, 314, 317
 Post-exposure treatment, 276
 Predators, 434, 438, 445, 451
 Prefabricated buildings, 433

- Prescriptions, 141
 Pressure, 326, 327, 329–331, 333–335, 337–339, 341, 343, 346, 347, 354
 Prey, 136
 Protected areas, 520
 Protection, 326, 331, 341, 343, 345–347, 350–352
 Protein, 349
Pseudogymnoascus destructans, 275
Pteronotus parnellii, 528
Pteronotus quadridens, 474
 Pteropodidae, 325, 327, 541, 565
 Pteropodids, 325
Pteropus, 6, 282, 327–329, 331, 337, 339, 342–344, 353, 513, 541, 542, 580, 585
Pteropus alecto, 269–272, 401, 519
Pteropus conspicillatus, 270, 272, 401, 412, 414, 418
Pteropus dasymallus, 398, 403
Pteropus giganteus, 268, 391, 393, 396, 399, 405, 406, 411
Pteropus hypomelanus, 271, 393–395, 399, 403, 406
Pteropus insularis, 511
Pteropus intermedius, 406
Pteropus lylei, 268, 271, 395, 406
Pteropus niger, 391, 405, 411, 414, 559
Pteropus poliocephalus, 270, 272, 400, 401, 412–414, 417, 519
Pteropus rodricensis, 392, 405, 419
Pteropus rufus, 392, 411
Pteropus scapulatus, 271, 401, 519
Pteropus seychellensis, 411
Pteropus subniger, 405
Pteropus tonganus, 397, 412
Pteropus vampyrus, 271, 393–395, 403, 404, 406, 412
Pteropus voeltzkowi, 391
 Public health, 280
 Public perception, 275
 Puerto Rico, 302
 Pyrethroids, 167
- Q**
 Quality, 222, 224, 227, 233
 Quarrying, 479
 Questionnaires, 587
 Quota, 342
- R**
 Rabies, 265, 267, 268, 270, 276, 278, 281, 282, 442, 446, 553
 Rabies virus, 265, 275
- Raccoon dog, 272
 Rachman's acquisition of fear, 580
 Railways, 37, 55, 58
 Recognizable Taxonomic Units (RTUs), 520
 Recommendations, 416
 Recovery, 129, 343, 345, 351
 Recruitment, 277
 Reduced-impact logging, 75, 78, 88
 Regrowth, 126, 128
 Regrowth forest, 114
 Relict species, 523
 Renewable energy, 295, 296
 Reproduction, 477
 Reproductive condition, 223
 Republic of Congo, 274
 Research, 298, 315–317, 417
 Reservoir host, 264, 269, 270
 Residual vegetation, 84, 85
 Resource competition, 232
 Respiratory disease, 270
 Reston Ebolavirus, 274
 Restoration, 230
 Retention, 137
 Rewarming, 429, 435
 Rhabdoviridae, 265
Rhinolophus ferrumequinum, 445, 450, 451, 472
Rhinolophus hildebrandtii, 511
Rhinolophus hipposideros, 273, 436, 471
 Richness, 216–220, 224, 226, 232
 Riparian, 116, 132
 River, 225
 Roadkill, 43, 48, 49, 52, 57
 Roads, 36–39, 41–50, 52, 54, 55, 57, 58
 Rodents, 264
 Rodrigues, 392, 419
 Rokeach, 575
 Roost, 139, 223, 326
 Roost networks, 115
 Roost selection, 114, 119
Rousettus aegyptiacus, 269, 274, 379, 402, 403, 412, 413
Rousettus amplexicaudatus, 275
Rousettus leschenaultii, 275, 393, 405
Rousettus madagascariensis, 412, 484
 Rubulavirus, 272
 Russia, 268
 Ryukyu, 398
- S**
Saccolaimus flaviventris, 270
Saccopteryx bilineata, 430, 435, 528
 Sacred caves, 585

Sacred forests, 585
 Saliva, 265, 271, 272, 279, 282
 Salvage, 128
 SARS coronavirus, 272
 SARS-like coronaviruses, 273
 Schwartz's typology of attitudes, 580
 Schwartz's value topology, 576
 Seba's short-tailed bat, 267
 Secondary forests, 65, 78, 79, 83, 91
 Seed dispersal, 418
 Seed tree harvest, 141
 Self-thinning, 141
 Seroprevalence, 269, 278
 Serotine bat, 268
 Severe acute respiratory syndrome (SARS), 272, 273, 277
 Sewage, 229
 Shade cacao plantations, 81
 Shade coffee plantations, 80
 Sheep, 268
 Shelterwood, 125
 Shelterwood systems, 141
 Shi'a hadith, 583
 Shimoni bat virus, 269
 Silver-haired bat, 267
 Silvicultural, 119
 Silvicultural practices, 106
 Silviculture, 105, 118, 141
 Single tree selection, 141
 Size, 220
 Slope, 116
 Slow-fast continuum of life histories, 4
 Social capital, 540, 542, 553, 557, 563, 564
 Social psychology, 572
 South Africa, 269
 South America, 265
 Southeast Asia, 271, 379, 393
 Southeast Asian Bat Conservation Research Unit (SEABCRU), 543, 551, 557, 560, 563, 565
 research priorities, 552
 Spain, 275, 296, 300, 304, 305
 Spatial scale, 63, 71–74, 79, 91, 94
 Species at Risk Act (SARA), 515
 Species composition, 69, 70, 72–74, 76–80
 Species concepts, 514
 Species lists, 514
 Species richness, 69, 70, 72–74, 76–80, 82–85
 Species traits, 75, 87, 93
 Spectacled flying fox, 270
 Spillover, 265, 268, 270, 271, 273, 274, 277–279, 281, 282
 Sri Lanka, 393, 406
 Stakeholders, 346–348, 350–352

Stand, 141
 Stephen Kellert, 579
 Stepping stone, 435
 Stone marten, 268
 Straw-coloured fruit bat, 269
 Street lights, 187, 193–198, 200–202, 204, 206
 Structure, 136
 Subclinical infection, 274
 Succession, 79, 90, 94
 Surveying and monitoring, 551
 Susceptibility, 264
 Sustainable, 330, 331, 338, 341, 342, 346, 347, 351, 352
 Swarming, 432, 433, 435, 438
 Symbolic perspectives of bats, 582
 Systematics, 504
Syzygium, 413

T

Tadarid brasiliensis, 267
Tadarida brasiliensis, 267, 435, 441, 448, 465
 Tanzania, 391
Taphozous hildegardeae, 468
Taphozous perforatus, 273
 Taxonomic impediment, 524, 525
 Taxonomic inflation, 529, 530
 Temperate, 429, 432, 436, 439, 440, 453
 Temperature, 306, 311, 316, 471
 Temporal scale, 72, 73, 94
 Texas, 267
 Thailand, 268, 379, 395, 406, 409, 412, 414
 The Netherlands, 269
 Theory of Planned Behavior (TPB), 574, 588
 Theory of Reasoned Action (TRA), 573
 Thinning, 130, 131, 141
 Third international berlin bat meeting: bats in the anthropocene, 7
Thyroptera wynneae, 511
 Time lags, 70, 73, 86
 Tioman virus, 272
 Tourism, 482
 TPB. *See* Theory of Planned Behavior
 TRA. *See* Theory of Reasoned Action
 Trade, 329, 331, 339, 344, 350, 353
 Traffic, 36, 41, 43–46, 49, 50, 52, 54, 56
 Trails, 118
 Traits, 14, 17, 28, 125
 Translocation, 279
 Treelines, 45, 50, 54, 55, 57
 Tree plantations, 64, 82, 83, 91
 Tuhokovirus, 272
 Turkey, 390

U

Uganda, 274
 Ultrasonic, 414
 Umbrella species, 521
 UN convention, 6
 Underpass, 39, 41, 54–57
 Understory, 115
 United Kingdom (UK), 314
 United States (US), 267, 274, 297–299, 304, 306, 309–311, 315, 317
 Urban, 14, 16, 220, 225, 229
 Urban habituation, 282
 Urbanisation, 4, 13, 19, 24
 Urine, 270, 271, 279, 282

V

Vaccination, 276
 Valuation, 172, 177
 Value attitude behavior model, 574
 Value orientations, 574, 575

- harmony, 575
- mastery, 575
- self-enhancement, 576
- self-transcendence, 576
- subjugation, 575

 Values, 573–580, 586

- communication framing, 576, 583
- universal, 575, 576

 Vampire bats, 173, 265, 278, 279
 Variable retention, 125
 Variable retention harvests, 141
 Vegetation structure, 115
Vespertilio murinus, 432, 433, 436

Viral prevalence, 278
 Viral shedding, 282
 Virus movement, 282
 Virus surveys, 278
 Vouchers, 509, 519

W

Waste product, 229
 Waste water, 228
 Water mongoose, 269
 Weaver ants, 415
 West Africa, 274
 West Caucasian bat virus, 268
 Wetlands, 225, 230
 White nose syndrome, 168, 275, 476, 558
 Wildlife Act of India 1972, 551
 Wildlife market, 277
 Wind power, 296, 309, 312, 558
 Wind turbines, 296, 299, 300, 302–304, 306, 308–310, 315, 316
 Wu Fu, 583

Y

Yellow-bellied sheath-tail bat, 270
 Yinpterochiroptera, 327

Z

Zimbabwe, 269
 Zoonosis, 276
 Zoonotic disease, 275, 398