

## Index of Subjects

---

- Acacia*, 31  
Acanthaceae, 551  
activity patterns, 211, 593  
African savanna, 483  
agroforest, 439  
*Alcidodes*, 625  
allometric relationships, 249  
allometry, 371  
*Alouatta seniculus*, 239  
Amazon, 217, 261, 571, 657  
Amazonia, 229, 473  
Amur falcon, 347  
Andes, 523  
*Andrioplecta*, 625  
androdioecy, 75  
*Andropadus latirostris*, 439  
*Andropadus virens*, 439  
anemotaxis, 53  
anuran, 193  
*Apis dorsata*, 559  
Arctiidae, 281  
argillic horizon, 449  
arthropods, 657  
*Artibeus*, 97  
*Asplenium*, 465  
*Asplenium nidus*, 23  
associational resistance, 551  
Atelidae, 571  
Atlantic Forest, 53, 605  
*Atta cephalotes*, 223  
autocorrelation, 107  
*Avicennia germinans*, 337
- bana, 271  
bat community, 97  
bat pollination, 93  
*Bauhinia championii*, 147  
*Bauhinia corymbosa*, 147  
*Bauhinia glauca*, 147  
BCI, 211  
bees, 493  
behaviour, 97  
betweenness centrality, 493  
biodiversity, 559, 677  
biogeography, 387  
biomass dynamics, 473  
birds, 193, 493, 515  
bird's nest fern, 23  
body mass, 53  
Borneo, 371  
Botswana, 341  
bottom-up control, 223  
Brazil, 53, 223, 281, 337, 649, 657  
Bromeliaceae, 311  
bromeliads, 107, 453  
browse, 31
- C mineralization, 401
- Calathea*, 103  
camera traps, 261  
canopy insects, 453  
canopy microclimate, 63  
canopy width, 161  
*Carollia*, 97  
*Catopsis*, 63  
*Catostemma sancarlosianum*, 271  
Cebidae, 571  
*Cecropia obtusifolia*, 1  
cell elasticity, 271  
centre–edge gradient, 387  
*Chelonia*, 563  
*Chisocheton cumingianus*, 507  
chronooecology, 593  
climate change, 1, 473  
clutch size, 583  
CO<sub>2</sub> emission, 393  
Colombia, 107  
colony density, 223  
community ecology, 107, 415, 523  
community interactions, 483  
community structure, 453, 571, 593  
concentration, 13  
*Conopophaga*, 605  
Corcovado National Park, 551  
Costa Rica, 515, 563  
*Costus*, 103  
crop size, 161  
culturable bacteria, 401  
*Cyanomitra obscura*, 439  
*Cynopterus sphinx*, 93
- data screening, 217  
decomposition, 657  
deforestation, 23  
density, 649  
diet, 123  
dilution, 13  
Diptera, 493  
dipterocarp, 625  
dispersal, 75, 193  
dissolved organic carbon, 401  
disturbance, 387  
diversity, 171  
Doi Inthanon, 359  
dragonfly, 347  
dung beetles, 229  
Durian, 85  
*Dysoxylum binectariferum*, 507
- ecosystem services, 677  
Ecuador, 473  
El Cielo Biosphere Reserve, 593  
*Elaeis guineensis*, 23  
elephant impacts, 341  
elephant, 31  
elevation, 523
- enemy escape, 551  
environmental stress, 331  
*Eonycteris spelaea*, 85  
epiphyllae, 615  
epiphyte establishment, 63  
epiphytes, 311, 465  
episodic disturbances, 341  
*Eschweilera panamensis*, 637  
Estación Biológica Los Amigos, 171
- facilitative interactions, 331  
fertility, 649  
fibre, 123  
*Ficus*, 161, 465  
fig-eating birds, 161  
fire, 31, 657  
fix success, 217  
flowering, 41  
focal tree observation, 193  
folivory, 615  
food availability, 123  
forest, 31  
forest fragmentation, 63  
forest regeneration, 223, 239  
fragmented landscape, 53  
French Guiana, 239  
frugivorous bats, 205  
frugivory, 515, 555  
fruit colour, 161  
fruit removal, 515  
fruit size, 161  
fruit sugar concentration, 515  
fruiting, 41  
functional groups, 493  
fungi, 615
- galls, 615  
general flowering, 625  
giant honey bee, 85  
glycophyte, 311  
gnateater, 605  
*Gorilla beringei beringei*, 123  
GPS collar, 217  
*Grallaria*, 523  
growth, 1, 473  
growth rate, 605  
growth strategy, 249  
guild, 523  
*Guzmania*, 63
- habitat, 181  
habitat filtering, 171  
habitat search, 53  
habitat selection, 181  
habitat use, 571  
*Haemoproteus*, 439  
halophyte, 311  
hatchling, 181

- Heliconia*, 103  
 hemiepiphytes, 465  
 hemispherical photography, 321  
 herbivore exclusion, 483  
 herbivore–plant interactions, 301  
 herbivory, 615  
 heteroblasty, 311  
*Heteropterys* sp., 271  
 home range, 671  
 Hong Kong, 147  
 hornbills, 507  
*Horsfieldia kingii*, 507  
 host–parasite interaction, 439  
 human-dominated landscapes, 271  
 humidity fluctuations, 321  
 hydraulic sufficiency, 271  
*Hylarana erythraea*, 583  
  
*Imbrasia belina*, 301  
 impala, 31  
 India, 93  
 Indian Ocean, 347  
 indicator species analysis, 321  
 individual phenology, 41  
*Inga jinicuil*, 453  
 insects, 493, 615  
 insect density, 551  
 insect dispersion, 551  
 insect pollination, 85  
 insect–plant interaction, 337  
 interspecific competition, 415  
 island populations, 75  
 ISSR, 147  
 ITCZ, 347  
  
 La Selva Biological Station, 515  
 land-use change, 271  
 large herbivores, 483  
 late-acting self-incompatibility, 93  
 late-successional trees, 541  
 leaf consumption, 337  
 leaf litter, 665  
 leaf miners, 615  
*Lecythis ampla*, 1  
 Lejeuneaceae, 321  
 Lepidochelis, 563  
 Lepidoptera, 271  
 lianas, 147  
 light availability, 321  
 lightflecks, 465  
 litter standing crop, 665  
 litterfall, 337, 637  
 liverworts, 321  
 location error, 217  
 logging, 23  
 Los Tuxtlas Mexico, 541  
*Loxodonta africana*, 301, 341  
*Luehea seemanii*, 1  
  
 Madre de Dios, 261  
 Malay Peninsula, 677  
 Maldives, 347  
 male frequency, 75  
 mammals, 53, 193  
 mangrove, 311  
 mangrove zonation, 393  
 marsupials, 671  
  
 masting, 625  
 mating systems, 671  
 matrix, 53  
*Mazama americana*, 261  
*Mazama gouazoubira*, 261  
 mesoscale, 649  
 method, 205, 665  
 Mexico, 13, 107, 135, 205, 453, 593  
 microbial biomass, 401  
*Microhyla heymonsi*, 583  
*Microsorium*, 465  
 migration, 347  
*Minuartia guianensis*, 1  
 mist-net bats, 205  
 mixed breeding system, 75  
 mixed-fruit orchard, 85  
 modelling uncertainty, 1  
 monsoon, 347  
 movement patterns, 193  
 movements, 181  
 multivariate analysis, 107  
 Muridae, 555  
 mutualisms, 493  
  
 Nanophyidae, 625  
 neighbouring tree, 649  
 neotropical primates, 571  
 neotropical, 523  
 Neotropics, 75, 321  
*Neottopteris*, 465  
 nest location, 559  
 nested subset analysis, 161  
 niche conservatism, 571  
 niche overlap, 593  
 niche overlap analysis, 415  
 Nilgiri Biosphere Reserve, 559  
 nitrification, 401  
 nitrogen fertilization, 637  
 nitrogen limitation, 637  
 null model, 593  
 nurse plants, 331  
 nutrient limitation, 311  
 nutritional ecology, 123  
  
 oak forest, 107  
 occupancy, 261  
 Odonata, 347  
 old-growth forest, 515  
*Oreomunnea mexicana*, 637  
 organic matter, 657  
 orientation, 53  
 ovular receptivity, 93  
  
*Pachira sordida*, 271  
 palms, 171  
 Panama, 211, 311  
*Pantala flavescens*, 347  
*Paraleptochilus*, 465  
 particle-size distribution, 449  
 patch mosaic, 341  
*Pecari tajacu*, 261  
 peccary, 563  
 perceptual range, 53  
 Peru, 171  
 photosynthetic induction, 465  
 phyllosphere, 321  
 Phyllostomidae, 97  
  
 pioneer species, 223, 249, 541  
 Piperaceae, 551  
 Pitheciidae, 571  
 plant richness, 331  
 plant–animal interactions, 493  
*Plasmodium*, 439  
 plastic sheet, 205  
 point of measurement, 1  
*Polyalthia simiarum*, 507  
*Polypedates leucomystax*, 583  
 population dynamics, 605  
 population genetic structure, 147  
 population phenology, 41  
 population projection matrices, 135  
 precipitation, 171  
 predation, 563  
 predation risk, 483  
 predator satiation, 625  
 pre-dispersal seed predation, 625  
 primary forest, 439  
 primates, 193, 387  
 productivity, 605  
 protein, 123  
*Prunus ceylanica*, 507  
*Pseudodrynaria*, 465  
  
 radio-telemetry, 211  
 rain forest, 97, 239  
 rainfall, 493  
 rain-forest birds, 439  
 recruitment, 31  
 reduced major axis regression, 359  
*Remijia morilloi*, 271  
 remnant trees, 63  
*Renealmia*, 103  
 reproductive biology, 147  
 reproductive structures, 41  
 resistance, 301  
 resource, 13  
 resource partitioning, 261  
*Retinophyllum concolor*, 271  
 RGR, 311  
*Rhinella*, 193  
 richness, 453  
 riparian, 31  
 risk behaviour, 211  
 rodents, 593  
 root biomass, 371  
 rooting depth, 371  
  
*Saguinus fuscicollis*, 229  
*Saguinus mystax*, 229  
 Saturnidae, 271  
 savanna ecology, 301  
 savanna rodents, 483  
 savanna woodlands, 341  
 scale dependence, 415  
 Scarabaeidae, 677  
 scatter-hoarding, 507  
 season, 193  
 seasonal dry tropical forest, 531  
 seasonality, 171  
 secondary dispersal, 229  
 secondary forest, 515  
 secondary succession, 371

- seed dispersal, 205, 239, 507, 541, 555  
 seed dispersion, 63  
 seed germination, 429  
 seed predation, 229, 507, 555  
 seed processing, 193  
 seedling, 31  
 seedling bank, 135  
 seedling establishment, 429  
 seedling growth, 429  
 seedling recruitment, 171  
 seeds, 311  
 self-incompatibility, 85  
 sex ratio, 75  
 shade coffee, 13, 453  
*Simarouba amara*, 1  
 size distribution analysis, 415  
 size-structure, 249  
 skeletonizers, 615  
 slope, 649  
 snake, 181  
 soil respiration, 393, 531  
 soil seed bank, 239  
 soil temperature, 393, 531  
 soil water content, 531  
 Somali Jet, 347  
 South Africa, 483  
 South-East Asia, 555, 583  
 spatial analysis, 387  
 spatial association, 359  
 spatial patterns, 671  
 spatial variation, 649  
 specialization, 93  
 species accumulation, 541  
 species coexistence, 429, 571  
 species diversity, 107  
 Specific Leaf Area, 103  
 specificity, 649  
 Sphingidae, 271  
 stem diameter growth, 637  
 supra-annual patterns, 41  
 survival, 605  
 synchrony, 41  
 tannin, 123  
 tapir, 217  
*Tapirus terrestris*, 261  
*Tayassu*, 563  
*Tayassu pecari*, 261  
*Tectaria*, 465  
 temperature, 493  
 temporal niche partitioning, 593  
 termite mound, 449  
 terra firme, 649  
 terrestrial life form, 465  
 territoriality, 671  
 texture, 649  
 Thailand, 85, 359  
 thermoregulation, 181  
 thigmosensitive stigma, 93  
*Tillandsia*, 63  
 tissue density, 103  
 tissue water content, 103  
 tolerance, 301  
 toposequence, 449  
 tracktag, 217  
 trails, 97  
 tree demography, 135  
 tree height, 161  
 tree mortality, 341  
 tree structure, 559  
 treefall gap, 429  
 tropical deciduous forest, 401  
 tropical forests, 677  
 tropical montane forest, 359  
 tropical rain forest, 541  
 tropical semi-evergreen forest, 135  
 tropical trees, 1, 473  
 Tupaiidae, 555  
 turtle, 563  
 vascular epiphytes, 453  
 vegetation density, 97  
 Venezuela, 271  
 Veracruz, 205  
 vertical stratification, 615  
*Vochysia guatemalensis*, 637  
 volume, 665  
*Werauhia*, 63  
*Werauhia sanguinolenta*, 311  
 wood, 429  
 wood anatomy, 271  
 wood density, 371  
 wood specific gravity, 359  
 woody biomass production, 637  
 Yasuni National Park, 473



## Index of Authors

- ABE, S. S., YAMAMOTO, S. & WAKATSUKI, T. Soil-particle selection by the mound-building termite *Macrotermes bellicosus* on a sandy loam soil catena in a Nigerian tropical savanna, 449
- ADACHI, M., ISHIDA, A., BUNYAVEJCHEWIN, S., OKUDA, T. & KOIZUMI, H. Spatial and temporal variation in soil respiration in a seasonally dry tropical forest, Thailand, 531
- ADAMEK, M., CORRE, M. D. & HÖLSCHER, D. Early effect of elevated nitrogen input on above-ground net primary production of a lower montane rain forest, Panama, 637
- ALIAGA-ROSSEL, E. see LAMBERT, T. D.
- AMADOR-VARGAS, S. see FARJI-BRENER, A. G.
- ANDERSEN, L. see MARTÍN GONZÁLEZ, A. M.
- ANDERSON, R. C. Do dragonflies migrate across the western Indian Ocean?, 347
- ANDRIAMIARISOA, L. R. see HEATWOLE, H.
- BAENA, M. L. see CRUZ-ANGÓN, A.
- BALCH, J. K. see SILVEIRA, J. M.
- BARLOW, J. see HAWES, J.
- BARLOW, J. see SILVEIRA, J. M.
- BIEBER, A. G. D. see SILVA, P. S. D.
- BJÖRKMAN, C. see ORIAN, C. M.
- BLAKE, J. G. see SHETH, S. N.
- BONNEAUD, C., SEPIL, I., MILÁ, B., BUERMANN, W., POLLINGER, J., SEHGAL, R. N. M., VALKIŪNAS, G., IEZHOVA, T. A., SAATCHI, S. & SMITH, T. B. The prevalence of avian *Plasmodium* is higher in undisturbed tropical forests of Cameroon, 439
- BOYLE, W. A. see LUMPKIN, H. A.
- BRADBPEAR, N. see THOMAS, S. G.
- BROWN, G. P. see PIZZATTO, L.
- BUERMANN, W. see BONNEAUD, C.
- BUMRUNGSRI, S., SRIPAORAYA, E., CHONGSIRI, T., SRIDITH, K. & RACEY, P. A. The pollination ecology of durian (*Durio zibethinus*, Bombacaceae) in southern Thailand, 85
- BUNYAVEJCHEWIN, S. see ADACHI, M.
- CAO, K.-F. see ZHIANG, Q.
- CARAS, T. & KORINE, C. Effect of vegetation density on the use of trails by bats in a secondary tropical rain forest, 97
- CARRILLO, E., FULLER, T. K. & SAENZ, J. C. Jaguar (*Panthera onca*) hunting activity: effects of prey distribution and availability, 563
- CARRILLO-PERCASTEGUI, S. E. see TOBLER, M. W.
- CARVALHO, M. L. see FERNANDES, M. E. B.
- CASCANTE-MARÍN, A., VON MEIJENFELDT, N., DE LEEUW, H. M. H., WOLF, J. H. D., OOSTERMEIJER, J. G. B. & DEN NIJS, J. C. M. Dispersal limitation in epiphytic bromeliad communities in a Costa Rican fragmented montane landscape, 63
- CASTRO-ARELLANO, I. & LACHER, JR., T. E. Temporal niche segregation in two rodent assemblages of subtropical Mexico, 593
- CHAFOTA, J. & OWEN-SMITH, N. Episodic severe damage to canopy trees by elephants: interactions with fire, frost and rain, 341
- CHAI-UDOM, K. see SUNGPALEE, W.
- CHEN, J. see SANITJAN, S.
- CHEN, J.-W. see ZHIANG, Q.
- CHILD, T., PHILLIPS, B. L. & SHINE, R. Does desiccation risk drive the distribution of juvenile cane toads (*Bufo marinus*) in tropical Australia?, 193
- CHINCHILLA, F. A. see FARJI-BRENER, A. G.
- CHONGSIRI, T. see BUMRUNGSRI, S.
- CLARK, D. A. see METCALF, C. J.
- CLARK, J. S. see METCALF, C. J.
- CONDIT, R. see VALENCIA, R.
- CORLETT, R. T. see WELLS, K.
- CORRE, M. D. see ADAMEK, M.
- CRUZ-ANGÓN, A., BAENA, M. L. & GREENBERG, R. The contribution of epiphytes to the abundance and species richness of canopy insects in a Mexican coffee plantation, 453
- CRUZ-RODRÍGUEZ, J. A., LÓPEZ-MATA, L. & VALVERDE, T. A comparison of traditional elasticity and variance-standardized perturbation analyses: a case study with the tropical tree species *Manilkara zapota* (Sapotaceae), 135
- CULOT, L., HUYNEN, M.-C., GÉRARD, P. & HEYMANN, E. W. Short-term post-dispersal fate of seeds defecated by two small primate species (*Saguinus mystax* and *Saguinus fuscicollis*) in the Amazonian forest of Peru, 229
- DA SILVA MOTTA, C. see HAWES, J.
- DALLING, J. W. see SANCHEZ, E.
- DALSGAARD, B. see MARTÍN GONZÁLEZ, A. M.
- DATTA, A. see VELHO, N.
- DAVIDAR, P. see THOMAS, S. G.
- DE LA PEÑA-DOMENE, M. see MARTÍNEZ-GARZA, C.
- DE LEEUW, H. M. H. see CASCANTE-MARÍN, A.
- DE TOLEDO, J. J., MAGNUSON, W. E. & VOLKMER DE CASTILHO, C. Influence of soil, topography and substrates on differences in wood decomposition between one-hectare plots in lowland tropical moist forest in Central Amazonia, 649
- DECAËNS, T., JIMÉNEZ, J. J. & ROSSI, J.-P. A null-model analysis of the spatio-temporal distribution of earthworm species assemblages in Colombian grasslands, 415
- DEN NIJS, J. C. M. see CASCANTE-MARÍN, A.
- DHANMMANONDA, P. see SUNGPALEE, W.
- DU TOIT, J. T. see HRABAR, H.
- DULLINGER, S. see SONNLEITNER, M.
- FARJI-BRENER, A. G., CHINCHILLA, F. A., MAGRACH, A., ROMERO, V., RÍOS, M., VELILLA, M., SERRANO, J. M. & AMADOR-VARGAS, S. Slope orientation enhances the nurse effect of a paramo shrub, *Hypericum irazuense* (Hypericaceae) in Costa Rica, 331
- FEER, F. see POUVELLE, S.
- FERNANDES, M. E. B., NASCIMENTO, A. A. M. & CARVALHO, M. L. Effects of herbivory by *Hyblaea puera* (Hyblaeidae: Lepidoptera) on litter production in the mangrove on the coast of Brazilian Amazonia, 337
- FLORES-PALACIOS, A. see MARTÍNEZ-GARZA, C.
- FORERO-MEDINA, G. & VIEIRA, M. V. Perception of a fragmented landscape by neotropical marsupials: effects of body mass and environmental variables, 53
- FOSTER, W. A. see TURNER, E. C.
- FULLER, H. L., HARCOURT, A. H. & PARKS, S. A. Does the population density of primate species decline from centre to edge of their geographic ranges?, 387
- FULLER, T. K. see CARRILLO, E.
- GALINDO-GONZÁLEZ, J., VÁZQUEZ-DOMÍNGUEZ, G., SALDAÑA-VÁZQUEZ, R. A. & HERNÁNDEZ-MONTERO, J. R. A more efficient technique to collect seeds dispersed by bats, 205
- GALLERY, R. see SANCHEZ, E.

- GANAS, J., ORTMANN, S. & ROBBINS, M. M. Food choices of the mountain gorilla in Bwindi Impenetrable National Park, Uganda: the influence of nutrients, phenolics and availability, 123
- GARCÍA-OLIVA, F. see MONTAÑO, N. M.
- GARDNER, T. A. see HAWES, J.
- GAUTAM, M. see VIKAS
- GAVITO, M. E. see MONTAÑO, N. M.
- GÉRARD, P. see CULOT, L.
- GÓMEZ-SAL, A. see VALÁZQUEZ, E.
- GRADSTEIN, S. R. see WOLF, J. H. D.
- GREENBERG, R. see CRUZ-ANGÓN, A.
- HAGENAH, N., PRINS, H. H. T. & OLFF, H. Effects of large herbivores on murid rodents in a South African savanna, 483
- HANDA, C. see KENZO, T.
- HARA, M. see SUNGPALEE, W.
- HARCOURT, A. H. see FULLER, H. L.
- HARMS, K. E. see PAINE, C. E. T.
- HATTAS, D. see HRABAR, H.
- HATTORI, D. see KENZO, T.
- HAWES, J., DA SILVA MOTTA, C., OVERAL, W. L., BARLOW, J., GARDNER, T. A. & PERES, C. A. Diversity and composition of Amazonian moths in primary, secondary and plantation forests, 281
- HEATWOLE, H., UNSICKER, S., ANDRIAMIARISOA, L. R. & LOWMAN, M. D. Vicissitudes of leaves in a tropical rain forest in Madagascar, 615
- HERNANDEZ, C. see VALENCIA, R.
- HERNÁNDEZ-MONTERO, J. R. see GALINDO-GONZÁLEZ, J.
- HEYMANN, E. W. see CULOT, L.
- HÖLSCHER, D. see ADAMEK, M.
- HOSAKA, T., YUMOTO, T., KOJIMA, H., KOMAI, F. & NOOR, N. S. MD. Community structure of pre-dispersal seed predatory insects on eleven *Shorea* (Dipterocarpaceae) species, 625
- HOWE, H. F. see MARTÍNEZ-GARZA, C.
- HRABAR, H., HATTAS, D. & DU TOIT, J. T. Differential effects of defoliation by mopane caterpillars and pruning by African elephants on the regrowth of *Colophospermum mopane* foliage, 301
- HUIJBREGTS, J. see LEE, J. S. H.
- HUYNEN, M.-C. see CULOT, L.
- ICHIE, T. see KENZO, T.
- IEZHOVA, T. A. see BONNEAUD, C.
- ISHIDA, A. see ADACHI, M.
- ISVARAN, K. see VELHO, N.
- ITIOKA, T. see KENZO, T.
- ITOH, A. see SUNGPALEE, W.
- JACOB, A. L. see SHARAM, G. J.
- JANSEN, P. A. see LAMBERT, T. D.
- JHA, S. & VANDERMEER J. H. Contrasting foraging patterns for Africanized honeybees, native bees and native wasps in a tropical agroforestry landscape, 13
- JIMÉNEZ, J. J. see DECAËNS, T.
- JOUARD, S. see POUVELLE, S.
- KALKO, E. K. V. see WELLS, K.
- KANKAM, B. O. & ODURO, W. Frugivores and fruit removal of *Antiaris toxicaria* (Moraceae) at Bia Biosphere Reserve, Ghana, 201
- KANZAKI, M. see SUNGPALEE, W.
- KASS, L. B. see LANDRY, C. L.
- KATO, S. see POUNGPARN, S.
- KAYS, R. W. see LAMBERT, T. D.
- KENDAWANG, J. J. see KENZO, T.
- KENZO, T., ICHIE, T., HATTORI, D., ITIOKA, T., HANDA, C., OHKUBO, T., KENDAWANG, J. J., NAKAMURA, M., SAKAGUCHI, M., TAKAHASHI, N., OKAMOTO, M., TANAKA-ODA, A., SAKURAI, K. & NINOMIYA, I. Development of allometric relationships for accurate estimation of above- and below-ground biomass in tropical secondary forests in Sarawak, Malaysia, 371
- KIKUCHI, D. W. Terrestrial and understorey insectivorous birds of a Peruvian cloud forest: species richness, abundance, density, territory size and biomass, 523
- KOIZUMI, H. see ADACHI, M.
- KOJIMA, H. see HOSAKA, T.
- KOMAI, F. see HOSAKA, T.
- KOMIYAMA, A. see POUNGPARN, S.
- KORINE, C. see CARAS, T.
- KRUSCHE, A. V. see SILVEIRA, J. M.
- LACHER, JR., T. E. see CASTRO-ARELLANO, I.
- LAKIM, M. B. see WELLS, K.
- LAMBERT, T. D., KAYS, R. W., JANSEN, P. A., ALIAGA-ROSSEL, E. & WIKELSKI, M. Nocturnal activity by the primarily diurnal Central American agouti (*Dasyprocta punctata*) in relation to environmental conditions, resource abundance and predation risk, 211
- LANDRY, C. L., RATHCKE, B. J. & KASS, L. B. Distribution of androdioecious and hermaphroditic populations of the mangrove *Laguncularia racemosa* (Combretaceae) in Florida and the Bahamas, 75
- LARSEN, J. see MONTAÑO, N. M.
- LAU, C. P. Y., SAUNDERS, R. M. K. & RAMSDEN, L. Floral biology, breeding systems and population genetic structure of three climbing *Bauhinia* species (Leguminosae: Caesalpinioideae) in Hong Kong, China, 147
- LEAL, I. R. see SILVA, P. S. D.
- LEE, I. Q. W. see LEE, J. S. H.
- LEE, J. S. H., LEE, I. Q. W., LIM, S. L.-H., HUIJBREGTS, J. & SODHI, N. S. Changes in dung beetle communities along a gradient of tropical forest disturbance in South-East Asia, 677
- LEINER, N. O. & SILVA, W. R. Territoriality in females of the slender opossum (*Marmosops paulensis*) in the Atlantic forest of Brazil, 671
- LI, B.-G. see ZHIANG, Q.
- LIM, S. L.-H. see LEE, J. S. H.
- LOISELLE, B. A. see SHETH, S. N.
- LÓPEZ-MATA, L. see CRUZ-RODRÍGUEZ, J. A.
- LOWMAN, M. D. see HEATWOLE, H.
- LUMPKIN, H. A. & BOYLE, W. A. Effects of forest age on fruit composition and removal in tropical bird-dispersed understorey trees, 515
- MADSEN, T. see PIZZATTO, L.
- MAGNUSSON, W. E. see DE TOLEDO, J. J.
- MAGRACH, A. see FARJI-BRENER, A. G.
- MAKNUAL, C. see POUNGPARN, S.
- MARTÍN GONZÁLEZ, A. M., DALSGAARD, B., OLLERTON, J., TIMMERMAN, A., OLESEN, J. M., ANDERSEN, L. & TOSSAS, A. G. Effects of climate on pollination networks in the West Indies, 493
- MARTÍNEZ-GARZA, C., FLORES-PALACIOS, A., DE LA PEÑA-DOMENE, M. & HOWE, H. F. Seed rain in a tropical agricultural landscape, 541
- METCALF, C. J., CLARK, J. S. & CLARK, D. A. Tree growth inference and prediction when the point of measurement changes: modelling around buttresses in tropical forests, 1
- MILÁ, B. see BONNEAUD, C.
- MIZUNO, T. see SUNGPALEE, W.
- MOHAN RAM, H. Y. see VIKAS
- MONTAÑO, N. M., SANDOVAL-PÉREZ, A. L., GARCÍA-OLIVA, F., LARSEN, J. & GAVITO, M. E. Microbial activity in contrasting conditions of soil C and N availability in a tropical dry forest, 401
- MOUTINHO, P. see SILVEIRA, J. M.
- MULLER-LANDAU, H. C. see VALENCIA, R.
- NADKARNI, N. M. see WOLF, J. H. D.
- NAKAMURA, M. see KENZO, T.
- NANAMI, S. see SUNGPALEE, W.
- NASCIMENTO, A. A. M. see FERNANDES, M. E. B.
- NAVARRETE, H. see VALENCIA, R.
- NINOMIYA, I. see KENZO, T.
- NOGUCHI, H. see SUNGPALEE, W.
- NOOR, N. S. MD. see HOSAKA, T.
- ODURO, W. see KANKAM, B. O.
- OHKUBO, T. see KENZO, T.
- OHKUBO, T. see SUNGPALEE, W.
- OKAMOTO, M. see KENZO, T.
- OKUDA, T. see ADACHI, M.
- OLESEN, J. M. see MARTÍN GONZÁLEZ, A. M.
- OLFF, H. see HAGENAH, N.
- OLLERTON, J. see MARTÍN GONZÁLEZ, A. M.
- OOSTERMEIJER, J. G. B. see CASCANTE-MARÍN, A.

- ORIANI, C. M. & BJÖRKMANN, C. Associational resistance to a tropical leaf-miner: does neighbour identity matter?, 551
- ORTMANN, S. see GANAS, J.
- ORWIN, K. H. see SILVEIRA, J. M.
- OVERAL, W. L. see HAWES, J.
- OWEN-SMITH, N. see CHAFOTA, J.
- PAINE, C. E. T., HARMS, K. E. & RAMOS, J. Supplemental irrigation increases seedling performance and diversity in a tropical forest, 171
- PARKS, S. A. see FULLER, H. L.
- PARSONS, S. A., SHOO, L. P. & WILLIAMS, S. E. Volume measurements for quicker determination of forest litter standing crop, 665
- PATANAPONPAIBOON, P. see POUNGPARN, S.
- PERES, C. A. see HAWES, J.
- PFEIFFER, M. see WELLS, K.
- PHILLIPS, B. L. see CHILD, T.
- PIZZATTO, L., MADSEN, T., BROWN, G. P. & SHINE, R. Spatial ecology of hatchling water pythons (*Liasis fuscus*) in tropical Australia, 181
- POLLINGER, J. see BONNEAUD, C.
- PONGE, J.-F. see POUVELLE, S.
- POTTS, S. G. see THOMAS, S. G.
- POUNGPARN, S., KOMIYAMA, A., TANAKA, A., SANGTIEAN, T., MAKNUAL, C., KATO, S., TANAPERMPPOOL, P. & PATANAPONPAIBOON, P. Carbon dioxide emission through soil respiration in a secondary mangrove forest of eastern Thailand, 393
- POUVELLE, S., JOUARD, S., FEER, F., TULLY, T. & PONGE, J.-F. The latrine effect: impact of howler monkeys on the distribution of small seeds in a tropical rain-forest soil, 239
- POWELL, G. see TOBLER, M. W.
- PRINS, H. H. T. see HAGENAH, N.
- RACEY, P. A. see BUMRUNGSRI, S.
- RAMOS, J. see PAINE, C. E. T.
- RAMSDEN, L. see LAU, C. P. Y.
- RATHCKE, B. J. see LANDRY, C. L.
- REUTER, N. see ZOTZ, G.
- RÍOS, M. see FARJI-BRENER, A. G.
- ROBBINS, M. M. see GANAS, J.
- ROJAS-ROBLES, R. & STILES, F. G. Analysis of a supra-annual cycle: reproductive phenology of the palm *Oenocarpus bataua* in a forest of the Colombian Andes, 41
- ROMERO, V. see FARJI-BRENER, A. G.
- ROPER, J. J. see XAVIER DE LIMA, A. M.
- ROSSI, J.-P. see DECAËNS, T.
- ROY, P. see THOMAS, S. G.
- SAATCHI, S. see BONNEAUD, C.
- SAENZ, J. C. see CARRILLO, E.
- SAHUNALU, P. see SUNGPALEE, W.
- SAKAGUCHI, M. see KENZO, T.
- SAKURAI, K. see KENZO, T.
- SALDAÑA-VÁZQUEZ, R. A. see GALINDO-GONZÁLEZ, J.
- SANCHEZ, E., GALLERY, R. & DALLING, J. W. Importance of nurse logs as a substrate for the regeneration of pioneer tree species on Barro Colorado Island, Panama, 429
- SANDOVAL-PÉREZ, A. L. see MONTAÑO, N. M.
- SANGTIEAN, T. see POUNGPARN, S.
- SANITJAN, S. & CHEN, J. Habitat and fig characteristics influence the bird assemblage and network properties of fig trees from Xishuangbanna, South-West China, 161
- SAUNDERS, R. M. K. see LAU, C. P. Y.
- SEHGAL, R. N. M. see BONNEAUD, C.
- SEPI, I. see BONNEAUD, C.
- SERRANO, J. M. see FARJI-BRENER, A. G.
- SHARAM, G. J., SINCLAIR, A. R. E., TURKINGTON, R. & JACOB, A. L. The savanna tree *Acacia polyacantha* facilitates the establishment of riparian forests in Serengeti National Park, Tanzania, 31
- SHERIDAN, J. A. Reproductive variation corresponding to breeding season length in three tropical frog species, 583
- SHETH, S. N., LOISELLE, B. A. & BLAKE, J. G. Phylogenetic constraints on fine-scale patterns of habitat use by eight primate species in eastern Ecuador, 571
- SHINE, R. see CHILD, T.
- SHINE, R. see PIZZATTO, L.
- SHOO, L. P. see PARSONS, S. A.
- SILVA, P. S. D., BIEBER, A. G. D., LEAL, I. R., WIRTH, R. & TABARELLI, M. Decreasing abundance of leaf-cutting ants across a chronosequence of advancing Atlantic forest regeneration, 223
- SILVA, W. R. see LEINER, N. O.
- SILVEIRA, J. M., BARLOW, J., KRUSCHE, A. V., ORWIN, K. H., BALCH, J. K. & MOUTINHO, P. Effects of experimental fires on litter decomposition in a seasonally dry Amazonian forest, 657
- SINCLAIR, A. R. E. see SHARAM, G. J.
- SMITH, T. B. see BONNEAUD, C.
- SOBRADO, M. A. Leaf tissue water relations and hydraulic properties of sclerophyllous vegetation on white sands of the upper Rio Negro in the Amazon region, 271
- SODHI, N. S. see LEE, J. S. H.
- SONNLEITNER, M., DULLINGER, S., WANEK, W. & ZECHMEISTER, H. Microclimatic patterns correlate with the distribution of epiphyllous bryophytes in a tropical lowland rain forest in Costa Rica, 321
- SORN-NGAI, A. see SUNGPALEE, W.
- SRIDITH, K. see BUMRUNGSRI, S.
- SRI-NGERNYUANG, K. see SUNGPALEE, W.
- SRIPAORAYA, E. see BUMRUNGSRI, S.
- STILES, F. G. see ROJAS-ROBLES, R.
- SUNGPALEE, W., ITOH, A., KANZAKI, M., SRI-NGERNYUANG, K., NOGUCHI, H., MIZUNO, T., TEEJUNTUK, S., HARA, M., CHAIUDOM, K., OHKUBO, T., SAHUNALU, P., DHANMMANONDA, P., NANAMI, S., YAMAKURA, T. & SORN-NGAI, A. Intra- and interspecific variation in wood density and fine-scale spatial distribution of stand-level wood density in a northern Thai tropical montane forest, 359
- SWENSON, N. G. Herbaceous monocot plant form and function along a tropical rain-forest light gradient: a reversal of dicot strategy – Corrigendum, 569
- SWENSON, N. G. Herbaceous monocot plant form and function along a tropical rain-forest light gradient: a reversal of dicot strategy, 103
- TABARELLI, M. see SILVA, P. S. D.
- TAKAHASHI, N. see KENZO, T.
- TANAKA, A. see POUNGPARN, S.
- TANAKA-ODA, A. see KENZO, T.
- TANAPERMPPOOL, P. see POUNGPARN, S.
- TANDON, R. see VIKAS
- TEEJUNTUK, S. see SUNGPALEE, W.
- THOMAS, S. G., VARGHESE, A., ROY, P., BRADBEN, N., POTTS, S. G. & DAVIDAR, P. Characteristics of trees used as nest sites by *Apis dorsata* (Hymenoptera, Apidae) in the Nilgiri Biosphere Reserve, India, 559
- TIMMERMANN, A. see MARTÍN GONZÁLEZ, A. M.
- TOBLER, M. W. New GPS technology improves fix success for large mammal collars in dense tropical forests, 217
- TOBLER, M. W., CARRILLO-PERCASTEGUI, S. E. & POWELL, G. Habitat use, activity patterns and use of mineral licks by five species of ungulate in south-eastern Peru, 261
- TOSSAS, A. G. see MARTÍN GONZÁLEZ, A. M.
- TULLY, T. see POUVELLE, S.
- TURKINGTON, R. see SHARAM, G. J.
- TURNER, E. C. & FOSTER, W. A. The impact of forest conversion to oil palm on arthropod abundance and biomass in Sabah, Malaysia, 23
- UNSICKER, S. see HEATWOLE, H.
- VALÁZQUEZ, E. & GÓMEZ-SAL, A. Different growth strategies in the tropical pioneer tree *Trema micrantha* during succession on a large landslide on Casita Volcano, Nicaragua, 249
- VALENCIA, R., CONDIT, R., MULLER-LANDAU, H. C., HERNANDEZ, C. & NAVARRETE, H. Dissecting biomass

- dynamics in a large Amazonian forest plot, 473
- VALKIŪNAS, G. see BONNEAUD, C.
- VALVERDE, T. see CRUZ-RODRÍGUEZ, J. A.
- VANDERMEER, J. H. see JHA, S.
- VARGHESE, A. see THOMAS, S. G.
- VÁZQUEZ-DOMÍNGUEZ, G. see GALINDO-GONZÁLEZ, J.
- VELHO, N., DATTA, A. & ISVARAN, K. Effects of rodents on seed fate of five hornbill-dispersed tree species in a tropical forest in north-east India, 507
- VELILLA, M. see FARJI-BRENER, A. G.
- VIEIRA, M. V. see FORERO-MEDINA, G.
- VIKAS, GAUTAM, M., TANDON, R. & MOHAN RAM, H. Y. Pollination ecology and breeding system of *Oroxylum indicum* (Bignoniaceae) in the foothills of the Western Himalaya, 93
- VOLKMER DE CASTILHO, C. see DE TOLEDO, J. J.
- VON MEIJENFELDT, N. see CASCANTE-MARÍN, A.
- WAKATSUKI, T. see ABE, S. S.
- WANEK, W. see SONNLEITNER, M.
- WELLS, K., CORLETT, R. T., LAKIM, M. B., KALKO, E. K. V. & PFEIFFER, M. Seed consumption by small mammals from Borneo, 555
- WIKELSKI, M. see LAMBERT, T. D.
- WILLIAMS, S. E. see PARSONS, S. A.
- WIRTH, R. see SILVA, P. S. D.
- WOLF, J. H. D. see CASCANTE-MARÍN, A.
- WOLF, J. H. D., GRADSTEIN, S. R. & NADKARNI, N. M. A protocol for sampling vascular epiphyte richness and abundance, 107
- XAVIER DE LIMA, A. M. & ROPER, J. J. Population dynamics of the black-cheeked gnateater (*Conopophaga melanops*, Conopophagidae) in southern Brazil, 605
- YAMAKURA, T. see SUNGPALEE, W.
- YAMAMOTO, S. see ABE, S. S.
- YUMOTO, T. see HOSAKA, T.
- ZECHMEISTER, H. see SONNLEITNER, M.
- ZHIANG, Q., CHEN, J.-W., LI, B.-G. & CAO, K.-F. Epiphytes and hemiepiphytes have slower photosynthetic response to lightflecks than terrestrial plants: evidence from ferns and figs, 465
- ZOTZ, G. & REUTER, N. The effect of exposure to sea water on germination and vegetative growth of an epiphytic bromeliad, 311



CAMBRIDGE

JOURNALS

# Knowledge is no longer shelved

The *Cambridge Journals Digital Archive* contains more than 160 journals, more than 3 million pages and more than 8 million linked references. Knowledge is now more visible and more searchable than ever.



[journals.cambridge.org/archives](http://journals.cambridge.org/archives)



CAMBRIDGE  
UNIVERSITY PRESS

# Advertising Opportunities

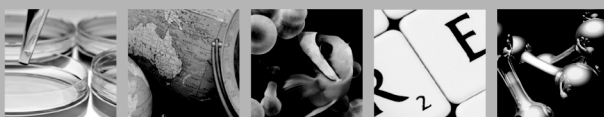
To advertise in this journal and for details of pricing, availability and discount opportunities please contact:

## **Advertising in UK, Europe and rest of world**

The Advertising Sales Team  
Cambridge University Press  
The Edinburgh Building,  
Shaftesbury Road,  
Cambridge, UK, CB2 8RU  
Tel: +44 (0)1223 325083  
Email: [ad\\_sales@cambridge.org](mailto:ad_sales@cambridge.org)

## **Advertising in USA, Mexico and Canada**

Journals Advertising Coordinator  
32 Avenue of the Americas,  
New York,  
NY 10013-2473, USA  
Tel: +1 (212) 337 5053 Fax: +1 (212) 337 5959  
E-mail: [journals\\_advertising@cambridge.org](mailto:journals_advertising@cambridge.org)



CAMBRIDGE  
UNIVERSITY PRESS

# JOURNAL OF tropical ecology

## INSTRUCTIONS FOR AUTHORS

Potential contributors are advised that careful attention to the details below will greatly assist the Editor and thus speed the processing of their manuscripts. Poorly prepared manuscripts will be returned to authors.

### Submission

All manuscripts must be submitted online via the website:

<http://mc.manuscriptcentral.com/jte>

Detailed instructions for submitting your manuscript online can be found at the submission website by clicking on the 'Instructions and Forms' link in the top right of the screen; and then clicking on the 'Author Submission Instructions' icon on the following page.

The Editor will acknowledge receipt of the manuscript, provide it with a manuscript reference number and assign it to reviewers. The reference number of the manuscript should be quoted in all correspondence with JTE Office and Publisher.

The submission of a manuscript will be taken to imply that the material is original, and that no similar paper has been published or is currently submitted for publication elsewhere. Papers are first inspected for suitability by the Editor or a Board member. Those suitable papers are then critically reviewed by usually two or three expert persons. On their advice the Editor provisionally accepts, or rejects, the paper. If acceptance is indicated the manuscript is usually returned to the author for revision. In some cases a resubmission is invited and on receipt of the new version the paper will be sent to a third referee. If the author does not return the revised or resubmitted version within six months the paper will be classified as rejected. Final acceptance is made when the manuscript has been satisfactorily revised.

### Preparation of the manuscript

Authors are strongly advised to consult a recent issue of the JTE to acquaint themselves with the general layout of articles. Manuscripts should be neatly typewritten on A4 paper i.e. 21 cm × 30 cm. Double sided copy is permissible for review purposes, but final submission for publication must be on one side of the paper only. Double spacing must be used throughout, allowing wide margins (about 3 cm) on all sides. Main text pages should be numbered.

When a revised ms is being returned the author is requested to send a copy of the final version on computer disk (Apple Macintosh or IBM compatible PC) together with the hard copy typescript, giving details of the wordprocessing software used (e.g. Microsoft Word, Word or Word Perfect). However, the publisher reserves the right to typeset material by conventional means if an author's disk proves unsatisfactory.

A paper should be prepared using the following format:

Page 1. *Title page*. This should contain (a) the full title, preferably of less than 20 words and usually containing the geographical location of the study; (b) a running title of not more than 48 letters and spaces; (c) a list of up to 10 key words in alphabetical order suitable for international retrieval systems; (d) the full name of each author; (e) the name of the institution in which the work was carried out; and (f) the present email and postal address of the author to whom proofs should be sent.

Page 2. *Abstract*. This should be a single paragraph, in passive mode, no more than 200 words long, a concise summary of the paper intelligible on its own in conjunction with the title, without abbreviations or references.

Page 3. *et seq.* The main body of the text may contain the following sections in the sequence indicated: (a) Introduction, (b) Methods, (c) Results, (d)

Discussion, (e) Acknowledgements, (f) Literature Cited, (g) Appendices, (h) Tables, (i) Legends to Figures. An extra section between (a) and (b) for Study Site or Study Species might be necessary.

Main headings should be in capital type and ranged left; sub-headings should be ranged left and italicised. A *Short Communication* has a title and keywords but no abstract or section headings until Acknowledgements and item Literature Cited.

*Acknowledgements* should be brief. *Notes* should be avoided if at all possible; any notes will be printed at the end of the paper and not as footnotes.

*Scientific names*. The complete Latin name (genus, species and authority) must be given in full for every organism when first mentioned in the text unless a standard reference is available which can be cited. Authorities might alternatively appear in Tables where they are first used.

*Units of measurement*. Measurements must be in metric units; if not, metric equivalents must also be given. The minus index ( $m^{-1}$ ,  $mm^{-3}$ ) should be used except where the unit is an object, e.g. 'per tree', not 'tree $^{-1}$ '). Use  $d^{-1}$ ,  $mo^{-1}$  and  $y^{-1}$  for per day, per month and per year.

*Abbreviations*. In general, abbreviations should be avoided. Numbers one to nine should be spelled out and number 10 onwards given in figures. Dates should follow the sequence day-month-year, e.g. 1 January 1997\*. The 24-hour clock should be used, e.g. 16h 15.

### Online supplementary material

Supplementary material is not copy edited or typeset but loaded onto CJO exactly as supplied. Supplementary material must be submitted at the same time as the article and must be clearly marked to distinguish it from the main article text.

Authors should ensure that they mention within their article that supplementary material is available on CJO.

### Language

All papers should be written in English, and spelling should generally follow *The Concise Oxford Dictionary of Current English*. Abstracts in other languages will be printed if the author so desires together with an abstract in English. All abstracts must be provided by the author.

### Literature cited

References to literature in the text should conform to the 'name-and-date' system: e.g. Fleming (1982); (Goh & Sasekumar 1980); Montgomery *et al.* (1981). If a number of references are cited at one place in the text, they should be arranged alphabetically and not chronologically. In the reference list citations should take the forms given below. References with two or more authors should be arranged first alphabetically then chronologically. The names of cited journals should be given in full. Certain foreign language citations may be translated into English, and this should always be done where the English alphabet is not used (e.g. Chinese, Russian, Thai).

FLEMING, T. H. 1982. Foraging strategies of plant-visiting bats. Pp. 287–325 in Kunz, T. H. (ed.). *Ecology of bats*. Plenum Press, New York. 425 pp.

GOH, A. H. & SASEKUMAR, A. 1980. The community structure of the fringing coral reef, Cape Rachado. *Malayan Nature Journal* 34:25–27.

MONTGOMERY, G. G., BEST, R. C. & YAMAKOSHI, M. 1981. A radio-tracking study of the American manatee *Trichechus inunguis* (Mammalia: Sirenia). *Biotropica* 13:81–85.

WHITMORE, T. C. 1984. *Tropical rain forests of the Far East*. (2nd edition). Oxford University Press, Oxford. 352 pp.

Use the following as contractions in text: 'pers. obs.', 'pers. comm.'; but 'unpubl. data', 'in press'. Authors should double-check that all references in the text correspond exactly to those in the Literature Cited section.

### Tables and figures

Tables should be typed, together with their titles, on separate pages. Column headings should be brief, with units of measurement in parentheses. Vertical lines should not be used to separate columns. Avoid presenting tables that are too large to be printed across the page; table width must not exceed 80 characters, including spaces between words, figures and columns. Each table should be numbered consecutively with arabic numerals. The author should indicate in the text where tables and figures are to be inserted; all tables and figures must be mentioned in the text.

Authors should ensure that all figures, whether line drawings or photographs, clarify or reduce the length of the text. The preferred graphics package is Freehand, but many others may be accepted. Please indicate file format and graphics software used for originating artwork files. Typefaces should be restricted to Monotype, Adobe and Bitstream font libraries. High resolution figures should be supplied as TIFF or EPS files, but never as Postscript files. Line drawings should be scanned at 300 dpi and use only conventional Postscript files. Halftones to be scanned at 600 dpi with the preset dot range from 1–96%. If you wish to compress the files use lossless compression package software such as the LZW compression package.

### Proofs

When pdf proofs are received they should be corrected carefully and returned to the publisher without delay. Errors remaining in these first proofs after the author has checked them are the authors responsibility. Any further editorial changes, apart from minor grammatical and syntactical improvements, will be communicated to the author before second proofs are prepared. Ensure that the editorial office knows of changes in your address.

### Offprints

Twenty-five offprints of each paper will be provided free. Additional copies may be purchased from Cambridge University Press, and these should be ordered from the Press when the proofs are returned using the order form provided.

### Copyright

Authors of articles published in the journal assign copyright to Cambridge University Press (with certain rights reserved) and you will receive a copyright assignment form for signature on acceptance of your paper. Authors receiving requests for permission to reproduce their work should contact Cambridge University Press for advice.

### Business correspondence

Correspondence concerning offprints, copyright, back numbers, advertising and sales to libraries should be addressed to the publishers: Journals Department, Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 8RU, UK or Cambridge University Press, 32 Avenue of the Americas, New York, NY 10013–2473 USA.

CONTENTS

Phylogenetic constraints on fine-scale patterns of habitat use by eight primate species in eastern Ecuador <b>S. N. Sheth, B. A. Loiselle &amp; J. G. Blake</b>	571
Reproductive variation corresponding to breeding season length in three tropical frog species <b>J. A. Sheridan</b>	583
Temporal niche segregation in two rodent assemblages of subtropical Mexico <b>I. Castro-Arellano &amp; T. E. Lacher, Jr.</b>	593
Population dynamics of the black-cheeked gnatcatcher ( <i>Conopophaga melanops</i> , Conopophagidae) in southern Brazil <b>A. M. Xavier de Lima &amp; J. J. Roper</b>	605
Vicissitudes of leaves in a tropical rain forest in Madagascar <b>H. Heatwole, S. Unsicker, L. R. Andriamiarisoa &amp; M. D. Lowman</b>	615
Community structure of pre-dispersal seed predatory insects on eleven <i>Shorea</i> (Dipterocarpaceae) species <b>T. Hosaka, T. Yumoto, H. Kojima, F. Komai &amp; N. S. Md. Noor</b>	625
Early effect of elevated nitrogen input on above-ground net primary production of a lower montane rain forest, Panama <b>M. Adamek, M. D. Corre &amp; D. Hölscher</b>	637
Influence of soil, topography and substrates on differences in wood decomposition between one-hectare plots in lowland tropical moist forest in Central Amazonia <b>J. J. de Toledo, W. E. Magnusson &amp; C. Volkmer de Castilho</b>	649
Effects of experimental fires on litter decomposition in a seasonally dry Amazonian forest <b>J. M. Silveira, J. Barlow, A. V. Krusche, K. H. Orwin, J. K. Balch &amp; P. Moutinho</b>	657
<i>Short Communications</i>	
Volume measurements for quicker determination of forest litter standing crop <b>S. A. Parsons, L. P. Shoo &amp; S. E. Williams</b>	665
Territoriality in females of the slender opossum ( <i>Marmosops paulensis</i> ) in the Atlantic forest of Brazil <b>N. O. Leiner &amp; W. R. Silva</b>	671
Changes in dung beetle communities along a gradient of tropical forest disturbance in South-East Asia <b>J. S. H. Lee, I. Q. W. Lee, S. L.-H. Lim, J. Huijbregts &amp; N. S. Sodhi</b>	677
Index of Subjects	681
Index of Authors	685

*Journal of Tropical Ecology* now accepts submissions via Manuscript Central.  
Go to <http://mc.manuscriptcentral.com/jte>

Cambridge Journals Online  
For further information about this journal  
please go to the journal website at:  
[journals.cambridge.org/tro](http://journals.cambridge.org/tro)



**Mixed Sources**  
Product group from well-managed  
forests and other controlled sources  
[www.fsc.org](http://www.fsc.org) Cert no. SA-COC-1527  
© 1996 Forest Stewardship Council

**CAMBRIDGE**  
UNIVERSITY PRESS