

---

# C O N T E N T S

---

### Research Articles

- |  |                      |   |                      |
|--|----------------------|---|----------------------|
| <p>Aggregated seed dispersal in a Neotropical coastal thicket vegetation: The role of microhabitat, dispersal syndrome and growth form<br/><i>A.S.d.R. Carvalho, L.d.S. Velasque, D.S.D.d. Araujo and A.C.S.d. Andrade</i></p>       | <p><b>103618</b></p> | <p>The contribution of small shrubby patches to the functional diversity of wood-pastures<br/><i>D.P. Oksuz, C.A.S. Aguiar, S. Tápia, E. Llop, P. Lopes, A.R.M. Serrano, A.I. Leal, O. Correia, P. Matos, A. Rainho, C. Branquinho, R.A. Correia and J.M. Palmeirim</i></p> | <p><b>103626</b></p> |
| <p>Herbaceous seeds dominates the soil seed bank after long-term prescribed fire, grazing and selective tree cutting in savanna-woodlands of West Africa<br/><i>D. Zida, L. Sanou, S. Diawara, P. Savadogo and A. Thiombiano</i></p> | <p><b>103607</b></p> | <p>Nematode metabolic footprints, ecological and functional indices in tropical maize-beans agro-ecosystems under different farming practices<br/><i>S. Maina, H. Karuri and R.N. Ng'endo</i></p>   | <p><b>103622</b></p> |
| <p>Height-diameter allometric relationships for seedlings and trees across China<br/><i>W.-P. Zhang, L. Zhao, M. Larjavaara, E.C. Morris, F.J. Sterck and G.-X. Wang</i></p>   | <p><b>103621</b></p> | <p>Resprouting increases seedling persistence likelihood after fire in a semelparous bamboo species<br/><i>L. Cavallero and M. Blackhall</i></p>  | <p><b>103623</b></p> |
| <p>Biotic interactions and limitations to explain their effects on a neotropical savanna plant community<br/><i>D.B. Chagas, A. Rapini and R.G. Collevatti</i></p>   | <p><b>103627</b></p> | <p>Effects of locality and stone surface structure on the distribution of Collembola inhabiting a novel habitat – the stone-ice border on an alpine glacier<br/><i>J. Buda, R.S. Azzoni, R. Ambrosini, A. Franzetti and K. Zawierucha</i></p>                               | <p><b>103629</b></p> |

- Fruit bat diversity patterns for assessing restoration success in reforestation areas in the Philippines  
*J.S. Fidelino, M.R.M. Duya, M.V. Duya and P.S. Ong* 103637
- Differential ontogenetic effects of gut passage through fish on seed germination  
*J. Santos, S.B. Correa, M.R. Boudreau and L.N. Carvalho* 103628
- The hazard and unsureness of reducing habitat ranges in response to climate warming for 91 amphibian species in China  
*J. Wu* 103640
- Influence of edaphic factors along an altitudinal gradient on a litter arthropod community in an *Abies-Quercus* forest in Mexico  
*L. Valencia-Cuevas, A. Rodríguez-Domínguez, P. Mussali-Galante, F. Ramos-Quintana and E. Tovar-Sánchez* 103609
- The effect of seed ingestion by a native, generalist bird on the germination of worldwide potentially invasive trees species *Pittosporum undulatum* and *Schinus terebinthifolia*  
*T.C.d. Freitas, E.d.S.G. Guarino, G.C. Gomes, A.R. Molina, I.M.d.L. Real and R. Beltrame* 103639
- Snowmelt timing determines aphid abundance through multitrophic interactions  
*D.U. James, M. Maria, H.M. Shane and M. Emily* 103606
- Daily tayra (*Eira barbara*, Linnaeus 1758) activity patterns and habitat use in high montane tropical forests  
*K.C. Braga Lima, M. Passamani and C. Rosa* 103624
- Does urbanization influence population trends of cavity-nesting birds and their relationship with European starlings?  
*J.H. Barton, K. Morris, D. Meritt, S. Magle and J.M. LaMontagne* 103636
- Evaluating whether MPA management measures meet ecological principles for effective biodiversity protection  
*C.R. Hopkins, N.M. Burns, E. Brooker, S. Dolman, E. Devenport, C. Duncan and D.M. Bailey* 103625
- Cave lithology effect on subterranean biodiversity: A case study in quartzite and granitoid caves  
*M. Souza-Silva, L.F.M. Iniesta and R.L. Ferreira* 103645
- The drivers of soil microbial communities structure on forest stands along the altitudinal gradient in western carpathians  
*B. Klimek, M. Jaźwa, M. Choczyński, M. Stolarczyk and M. Niklińska* 103643
- Effects of buildings on plant composition and diversity in a Mediterranean protected area  
*R. Fernández-Alés and J.C. Muñoz-Reinoso* 103644
- Frugivores vary in their response to neighborhood effects in a novel ecosystem  
*R.M. Hopson, R.C. Wilcox and C.E. Tarwater* 103641
- The impact of a catastrophic flood on species and size composition of the diet of fish-eating birds  
*A. Hadravová, P. Čech and M. Čech* 103608
- Functional traits vary among fleshy-fruited invasive plant species and their potential avian dispersers  
*N. Bitani, D.A. Ehlers Smith, Y.C. Ehlers Smith and C.T. Downs* 103651
- Environmental controls of plant phenology in twelve desert plant species in the Patagonian Monte, Argentina  
*M.V. Campanella, A.J. Bisigato and M.B. Bertiller* 103656
- Short Communication**
- Contrasting effects of herbivore damage type on extrafloral nectar production and ant attendance  
*P.P. Raupp, R.V. Gonçalves, E.S. Calixto and D.V. Anjos* 103638
- Habitat selection by arboreal termites in forest islands of a Neotropical floodplain  
*E. Benedito de Souza* 103648
- Effect of water level on insect-tadpole predator-prey interactions  
*S. Phuge, K. Shetye and R. Pandit* 103649