

**Review Article**

Meta-analysis on the responses of traits of different taxonomic groups to global and local stressors <i>J.G. Mbaka, E. Szöcs and R.B. Schäfer</i> .....	65
--	----

**Research Articles**

Changes in carbon and nitrogen storage along a restoration gradient in a semiarid sandy grassland <i>X. Zuo, J. Zhang, X. Zhou, X. Zhao, S. Wang, J. Lian, P. Lv and J. Knops</i> .....	1
Climate change effects in a semiarid grassland: Physiological responses to shifts in rain patterns <i>M. Ladrón de Guevara, R. Lázaro, E. Arnau-Rosalén, F. Domingo, I. Molina-Sanchis and J.L. Mora</i> .....	9
Effects of flooding on trees in the semi-deciduous transition forests of the Araguaia floodplain, Brazil <i>D. Kurzatkowski, C. Leuschner and J. Homeier</i> .....	21
Multiscale effects on biological soil crusts cover and spatial distribution in the Monte Desert <i>V. Garcia, J. Aranibar and N. Pietrasiak</i> .....	35
Direct and indirect effects of anthropogenic bird food on population dynamics of a songbird <i>J.D. Fischer and J.R. Miller</i> .....	46
Landscape effects on jay foraging behavior decrease acorn dispersal services in dehesas <i>T. Morán-López, C.L. Alonso and M. Díaz</i> .....	52
Clear-cuts in production forests: From matrix to neo-habitat for butterflies <i>T. Blixt, K.-O. Bergman, P. Milberg, L. Westerberg and D. Jonason</i> .....	71
Amphibian diversity increases in an heterogeneous agricultural landscape <i>C. Guerra and E. Aráoz</i> .....	78
Integrating life-history traits and amphibian upland habitat use in a Neotropical hotspot <i>M.R. Moura, M. Dixo and R.N. Feio</i> .....	87
Distribution of functional traits in subtropical trees across environmental and forest use gradients <i>C. Blundo, L.R. Malizia and M. González-Espinosa</i> .....	96
Non-native grass invasion associated with increases in insect diversity in temperate forest understory <i>J.L. Metcalf and S.M. Emery</i> .....	105
Do parasitoids explain differential abundance of two syntopic orb-weaver spiders (Araneae: Araneidae)? <i>M.O. Gonzaga, J.C.F. Cardoso and J. Vasconcellos-Neto</i> .....	113
Size-related change in <i>Nitraria sphaerocarpa</i> patches shifts the shrub-annual interaction in an arid desert, northwestern China <i>G. Zhang, Q. Yang, X. Wang and W. Zhao</i> .....	121
Synchronous flowering despite differences in snowmelt timing among habitats of <i>Empetrum hermaphroditum</i> <i>M.J. Bienau, M. Kröncke, W.L. Eiserhardt, A. Otte, B.J. Graae, D. Hagen, A. Milbau, W. Durka and R.L. Eckstein</i> .....	129

Problems with bins: A critical reassessment of Gotelli and Ulrich's Bayes approach using bird data <i>M. von Gagern, M. von Gagern and A. Schmitz Ornés</i> .....	137
Testing bird response to roads on a rural environment: A case study from Central Italy <i>F. Morelli, L. Jerzak, F. Pruscini, R. Santolini, Y. Benedetti and P. Tryjanowski</i> .....	146
Effects of pollination timing and distance on seed production in a dioecious weed <i>Silene latifolia</i> <i>J.F. Anderson, H.S.N. Duddu, S.J. Shirliffe, D. Benaragama, L.D. Syrový, K.A. Stanley and T.A. Haile.</i> .....	153
Is rapid evolution of reproductive traits in <i>Adonis annua</i> consistent with pollinator decline? <i>M. Thomann, E. Imbert and P.-O. Cheptou</i> .....	161
Does gall midge larvae cause pre-dispersal seed mortality and limit cornflower population growth? <i>S. Koprdoва, S. Bellanger, J. Skuhrovec and H. Darmency</i> .....	167
Scaling the relative dominance of exogenous drivers in structuring desert small mammal assemblages <i>D. Rodríguez and R.A. Ojeda.</i> .....	173
Impacts of invasive nonnative plant species on the rare forest herb <i>Scutellaria montana</i> <i>J.J. Sikkema and J.N. Boyd.</i> .....	182
<b>Short Communication</b>	
Species-specific effects of dung beetle abundance on dung removal and leaf litter decomposition <i>T. Tixier, J.M.G. Bloor and J.-P. Lumaret</i> .....	31