

- Montaña, C., E. Ezcurra, A. Carrillo and J.P. Delhoume. 1988. The decomposition of litter in grasslands of northern Mexico: a comparison between arid and non-arid environments. Journal of Arid Environments 14(1):55-61.
- Montaña, C., J. López Portillo and A. Mauchamp. 1990. The response of two woody species to the conditions created by a shifting ecotone in an arid environment. Journal of Ecology 78(3):789-798.
- Montaña, C. and P. Greig-Smith. 1990. Correspondence Analysis of species by environmental variable matrices. Journal of Vegetation Science 1(4):453-460.
- Ezcurra, E., C. Montaña and S. Arizaga. 1991. Architecture, light interception and geographic distribution of *Larrea* species in the Monte Desert, Argentina. Ecology 72(1):23-34.
- Montaña, C. 1992. The colonization of bare areas in two-phase mosaics of an arid ecosystem. Journal of Ecology 80:315-327.
- Mauchamp, A., C. Montaña, J. Lepart & S. Rambal. 1993. Ecotone dependent recruitment of a desert shrub, *Flourensia cernua*, in vegetation stripes. Oikos 68:107-116.
- Mandujano, M., C. Montaña & L. Eguiarte. 1996. Reproductive ecology and inbreeding depression in *Opuntia rastrera* (Cactaceae) in the Chihuahuan Desert: Why are sexually derived recruitments so rare?. American Journal of Botany 83(1):63-70.
- Montaña, C., R. Dirzo & A. Flores. 1997. Structural parasitism of an epiphytic bromeliad upon *Cercidium praecox* in an intertropical semiarid ecosystem. Biotropica 29(4):517-521.
- Briones, O., C. Montaña & E. Ezcurra. 1998. Competition intensity as a function of resource availability in a semiarid ecosystem. Oecologia 116:365-372.
- Mandujano, M. del C., C. Montaña, I. Méndez & J. Golubov. 1998. The relative contributions of sexual reproduction and clonal propagation in *Opuntia rastrera* from two habitats in the Chihuahuan Desert. Journal of Ecology 86:911-921.
- Golubov, J., L.E. Eguiarte, M. del C. Mandujano, J. López-Portillo & C. Montaña. 1999. Why be a honeyless honey mesquite?. Reproduction and mating system of nectarful and nectarless individuals. American Journal of Botany 86:955-963.
- Golubov, J, M. del C. Mandujano, M. Franco, C. Montaña, L. Eguiarte & J. López-Portillo. 1999. Demography of the invasive woody perennial *Prosopis glandulosa* (honey mesquite). Journal of Ecology 87:955-962.
- Mandujano, M. del C., C. Montaña, M. Franco, J. Golubov & A. Flores-Martínez. 2001. Integration of demographic annual variability in a clonal desert cactus. Ecology 82(2):344-359.
- Escalante, S., Montaña, C. and R. Orellana. 2004. Demography and potential extractive use of the liana palm *Desmoncus orthacanthos* Martius (Arecaceae), in southern Quintana Roo, Mexico". Forest Ecology and Management 187:3-18.
- Ferrer, M.M., L.E. Eguiarte and C. Montaña. 2004. Genetic structure and outcrossing rates in *Flourensia cernua* (Asteraceae) growing at different densities in the south-western Chihuahuan Desert. Annals of Botany 94(3):419-426.
- Pezzani, F. & C. Montaña. 2006. Inter- and intraspecific variation in the germination response to light quality and scarification in grasses growing in two-phase mosaics of the Chihuahuan Desert. Annals of Botany 97:1063-1071.

- Piña, H. H., C. Montaña & M. del C. Mandujano. 2007. Fruit abortion in the Chihuahuan-Desert endemic cactus *Opuntia microdasys*. Plant Ecology 193:305-313.
- Verhulst, J. C. Montaña, M. del C. Mandujano & M. Franco. 2008. Demographic mechanisms in the coexistence of two closely-related perennials in a fluctuating environment. Oecologia 156 (1): 95-105.
- Ferrer, M. M., S. V. Good-Avila, C. Montaña, C. A. Domínguez & L. E. Eguiarte. 2009. Effect of variation in self-incompatibility on pollen limitation and inbreeding depression in *Flourensia cernua* (Asteraceae) scrubs of contrasting density. Annals of Botany 103:1077-1089.
- Perroni, Y. C. Montaña, C. & F. García-Oliva. 2010. Carbon-nitrogen interactions in fertility island soils from a tropical semi-arid ecosystem. Functional Ecology 24:233-242.
- Cázar-Martínez, J., Montaña, C. and Franco, M. The role of pollen limitation on the coexistence of two dioecious, wind-pollinated, closely-related shrubs in a fluctuating environment. Oecologia (in press).
- Montaña, C. & E. Vega. Effects of overgrazing and rainfall variability on the dynamics of semiarid banded vegetation patterns: a simulation study with cellular automata. Journal of Arid Environments (in press).