

SCI journal papers

Martín-Bravo, S., Escudero, M., Jiménez-Mejías, P. Tentatively accepted. *Carex modesti*, a new species from southern Tanzania. Blumea.

Escudero, M., Luceño, M. In press. Taxonomic revision of the tropical African group of *Carex* sect. *Spirostachyae* subsect. *Elatae* (Cyperaceae). Anales Jard. Bot. Madrid.

Escudero, M., Hipp, A.L., Luceño, M., 2010. Karyotype stability and predictors of chromosome number variation in sedges: A study in *Carex* section *Spirostachyae* (Cyperaceae). Mol. Phylogenet. Evol. 57, 353-363.

Martínez, J., Vargas, P., **Luceño, M.,** Cuadrado, A., 2010. Evolution of *Iris* subgenus *Xiphium* based on chromosome numbers, FISH of nrDNA (5S, 45S) and *trnL-trnF* sequence analysis. Plant Syst. Evol. 289: 223-235.

Narbona, E., Guzmán, B., Arroyo, J., Vargas, P., 2010. Why are fruit traits of *Cistus ladanifer* (Cistaceae) so variable: A multi-level study across the western Mediterranean region. Perspect. Plant Ecol. Evol. Syst. 12: 305-315.

Cruz-Mazo, G., Narbona, E., Buide, M.L., 2010. Germination patterns of dimorphic achenes in three related species of *Scorzonerooides* (Asteraceae, Lactuceae) growing in different environments. Ann. Bot. Fenn. 47, 337-345.

Escudero, M., Hipp, A.L., Luceño, M., 2010. Karyotype stability and predictors of chromosome number variation in sedges: A study in *Carex* section *Spirostachyae* (Cyperaceae). Mol. Phylogenet. Evol. 57, 353-363.

Escudero, M., Valcárcel, V., Vargas, P., **Luceño, M.,** 2010. Bipolar disjunctions in *Carex*: Long-distance dispersal, vicariance, or parallel evolution? Flora 205, 118-127.

Escudero, M., Vargas, P., Arens, P., Ouborg, N.J., **Luceño, M.,** 2010. The east-west-north colonization history of the Mediterranean and Europe by the coastal plant *Carex extensa* (Cyperaceae). Mol. Ecol. 19, 352-370.

Gehrke, B., **Martín-Bravo, S.,** Muasya, M., **Luceño, M.,** 2010. Monophyly, phylogenetic position and the role of hybridization in *Schoenoxiphium* Nees (Cariceae, Cyperaceae). Mol. Phylogenet. Evol. 56, 380-392.

Hipp, A.L., **Escudero, M.,** 2010. MATICCE: mapping transitions in continuous character evolution. Bioinformatics 26, 132-133.

Martín-Bravo, S., Valcárcel, V., Vargas, P., **Luceño, M.,** 2010. Geographical speciation related to Pleistocene range shifts in the western Mediterranean mountains (*Reseda* sect. *Glaucoseda*, Resedaceae). Taxon 59, 466-482.

Narbona, E., Dirzo, R., 2010. Experimental defoliation affects male but not female reproductive performance of the tropical monoecious plant *Croton suberosus* (Euphorbiaceae). *Ann. Bot.* 106, 359-369.

Narbona, E., Dirzo, R., 2010. A reassessment of the function of floral nectar in *Croton suberosus* (Euphorbiaceae): A reward for plant defenders and pollinators. *Am. J. Bot.* 97, 672-679.

Calonje, M., **Martín-Bravo, S.,** Dobeš, C., Gong, W., Jordon-Thaden, I., Kiefer, C., Kiefer, M., Paule, J., Schmickl, R., Koch, M.A., 2009. Non-coding nuclear DNA markers in phylogenetic reconstruction. *Plant Syst. Evol.* 282, 257-280.

Cruz-Mazo, G., Buide, M.L., Samuel, R., **Narbona, E.,** 2009. Molecular phylogeny of *Scorzoneroides* (Asteraceae): evolution of heterocarpy and annual habit in unpredictable environments. *Mol. Phylogenet. Evol.* 53, 835-847.

Escudero, M., Luceño, M., 2009. Systematics and evolution of *Carex* sects. *Spirostachyae* and *Elatae* (Cyperaceae). *Plant Syst. Evol.* 279, 163-189.

Escudero, M., Valcárcel, V., Vargas, P., and **Luceño, M.,** 2009. Significance of ecological vicariance and long-distance dispersal in the diversification of *Carex* sect. *Spirostachyae* (Cyperaceae). *Am. J. Bot.* 96, 2100-2114.

Jiménez-Mejías, P., Cabezas, F., 2009. *Schoenoplectus heptangularis* Cabezas & Jiménez Mejías (Cyperaceae), a new species from Equatorial Guinea. *Candollea* 64, 101-115.

Luceño, M., Escudero, M., Muñoz Garmendia, F., 2009. Typification of the names of *Carex helodes* Link, *Carex laevigata* Sm. and *Carex patula* Schkuhr (Cyperaceae). *Candollea* 64, 39-43.

Martín-Bravo, S., Jiménez-Mejías, P., 2009. Molecular data helps traditional taxonomy: Re-evaluation of *Reseda collina* (Resedaceae), and a new record for Europe. *Folia Geobot.* 44, 399-421.

Martín-Bravo, S., Vargas, P., **Luceño, M.,** 2009. Is *Oligomeris* (Resedaceae) indigenous to North America? Molecular evidence for a natural colonization from the Old World. *Am. J. Bot.* 96, 507-518.

Buide, M.L., 2008. Disentangling the causes of intrainflorescence variation in floral traits and fecundity in the hermaphrodite *Silene acutifolia*. *Am. J. Bot.* 95, 490-497.

Escudero, M., Valcárcel, V., Vargas, P., **Luceño, M.,** 2008. Evolution in *Carex* L. sect. *Spirostachyae* (Cyperaceae): A molecular and cytogenetic approach. *Org. Divers. Evol.* 7, 271-291.

Escudero, M., Vargas, P., Valcárcel, V., and **Luceño, M.**, 2008. Strait of Gibraltar: An effective gene-flow barrier for wind-pollinated *Carex helodes* (Cyperaceae) as revealed by DNA sequences, AFLP, and cytogenetic variation. *Am. J. Bot.* 95, 745-755.

Jiménez-Mejías, P., **Luceño, M.**, Castroviejo, S., 2008. *Schoenoplectus corymbosus*: A tropical Old-World sedge (Cyperaceae) discovered in Spain and Morocco. *Nord. J. Bot.* 25, 70-74.

Narbona, E., Ortiz, P.L., Arista, M., 2008. Sexual dimorphism in the andromonoecious *Euphorbia nicaeensis*: Effects of gender and inflorescence development. *Ann. Bot.* 101, 717-726.

Martín-Bravo, S., Meimberg, H., **Luceño, M.**, Märkl, W., Valcárcel, V., Bräuchler, C., Vargas, P., Heubl, G., 2007. Molecular systematics and biogeography of Resedaceae based on ITS and *trnL-F* sequences. *Mol. Phylogenet. Evol.* 44, 1105-1120.

Narbona, E., Arista, M., Ortiz, P.L., 2007. High temperature and burial inhibit seed germination of two perennial Mediterranean *Euphorbia* species. *Bot. Helv.* 117, 169-180.

Narbona, E., Arista, M., Ortiz, P.L., 2007. Seed germination ecology of the perennial *Euphorbia boetica*, an endemic spurge of the southern Iberian Peninsula. *Ann. Bot. Fenn.* 44, 276-282.

Buide, M.L., 2006. Pollination ecology of *Silene acutifolia* (Caryophyllaceae): Floral traits variation and pollinator attraction. *Ann. Bot.* 97, 289-297.

Narbona, E., Ortiz, P.L., Arista, M., 2006. Germination variability and the effect of various pre-treatment on germination in the perennial spurge *Euphorbia nicaeensis* All. *Flora* 201, 633-641.

Narbona, E., Arista, M., and Ortiz, P.L., 2005. Explosive seed dispersal in two perennial Mediterranean *Euphorbia* species (Euphorbiaceae). *Am. J. Bot.* 92, 510-516.

Narbona, E., Ortiz, P.L., and Arista, M., 2005. Dichogamy and sexual dimorphism in floral traits in the andromonoecious *Euphorbia boetica*. *Ann. Bot.* 95, 779-787.

Buide, M.L., 2004. Intra-inflorescence variation in floral traits and reproductive success of the hermaphrodite *Silene acutifolia*. *Ann. Bot.* 94, 441-448.

Buide, M.L., Díaz-Peromingo, J.A., and Guitián, J., 2002. Flowering phenology and female reproductive success in *Silene acutifolia* Link ex Rohrb. *Plant Ecol.* 163, 93-103.

Buide, M.L. and Guitián, J., 2002. Breeding system in the dichogamous hermaphrodite *Silene acutifolia* (Caryophyllaceae). *Ann. Bot.* 90, 691-699.

Narbona, E., Ortiz, P.L., Arista, M., 2002. Functional andromonoecy in *Euphorbia* (Euphorbiaceae). *Ann. Bot.* 89, 571-577.

Vanzela, A.L.L., **Luceño, M.,** Guerra, M., 2000. Karyotype evolution and cytotaxonomy in Brazilian species of *Rhynchospora* Vahl (Cyperaceae). *Bot. J. Linn. Soc.* 134, 557-566.

Books and book chapters

Luceño, M., Martín Bravo, S., In press. Monocotiledóneas. In: Vargas, P., Zardoya, R. (eds). *El árbol de la vida: sistemática y evolución de los seres vivos.*

Jiménez-Mejías, P., Luceño, M. 2011. Cyperaceae. In: Euro+Med Plantbase – the information resource for Euro-Mediterranean plant diversity. Published on the internet, <http://ww2.bgbm.org/EuroPlusMed/>.

Martín-Bravo, S., 2011. Resedaceae. In: Euro+Med Plantbase – the information resource for Euro-Mediterranean plant diversity. Published on the internet, <http://ww2.bgbm.org/EuroPlusMed/>.

Martín-Bravo, S., Tucker, G.C, Daniel, T.F., 2010. Resedaceae. In: *Flora of North America* Editorial Comitee (eds). *Flora of North America North of Mexico*, vol. 7: 189-193. New York and Oxford.

Martín-Bravo, S., 2009. Resedaceae. In: Blanca, G., Cabezudo, B., Cueto, M., Fernández López, C., Morales Torres, C. (eds). *Flora Vascular de Andalucía Oriental*, vol. 3: 162-168. Consejería de Medio Ambiente, Junta de Andalucía, Sevilla.

Jiménez Mejías, P., Luceño, M., 2008. *Eleocharis* R. Br. (Cyperaceae), In: Castroviejo, S. & al. (eds), *Flora Iberica*, vol. XVIII: 75-91. CSIC, Madrid.

Luceño, M., 2008. *Carex* L: (Cyperaceae). In: Castroviejo, S. & al. (eds), *Flora Iberica*, vol. XVIII: 109-250. CSIC, Madrid.

Luceño, M., Escudero, M., 2008. *Bulbostylis* Kunth (Cyperaceae). In: Castroviejo, S. & al. (eds), *Flora Iberica*, vol. XVIII: 97-99. CSIC, Madrid.

Luceño, M., Escudero, M., 2008. *Carex* sect. *Spyrostachyae* (Cyperaceae). In: Castroviejo, S. & al. (eds), *Flora Iberica*, vol. XVIII: 178-191. CSIC, Madrid.

Luceño, M., Escudero, M., 2008. *Fimbristylis* Vahl (Cyperaceae). In: Castroviejo, S. & al. (eds), *Flora Iberica*, vol. XVIII: 94-97. CSIC, Madrid.

Luceño, M. (autor), **Jiménez-Mejías, P.** (colaborador), 2008. In: Moreno, J.C., coord., *Lista Roja 2008 de la flora vascular española.* Dirección General de Medio Natural y Política Forestal (Ministerio de Medio Ambiente y medio rural y marino, y Sociedad Española de Biología de la Conservación de Plantas). Madrid.

Luceño, M., Jiménez Mejías, P., 2008. *Carex* sect. *Ceratocystis* Dumort. (Cyperaceae). In: Castroviejo, S. & al. (eds), Flora Iberica, vol. XVIII: 191-204. CSIC, Madrid.

Luceño, M., Jiménez Mejías, P., 2008. *Carex* sect. *Phacocystis* Dumort. (Cyperaceae). In: Castroviejo, S. & al. (eds), Flora Iberica, vol. XVIII: 237-246. CSIC, Madrid.

Luceño, M., Jiménez Mejías, P., 2008. *Schoenoplectus* (Rchb.) Palla (Cyperaceae). In: Castroviejo, S. & al. (eds), Flora Iberica, vol. XVIII: 42-59. CSIC, Madrid.

Luceño, M., Martín, J., 2008. *Rhynchospora* Vahl (Cyperaceae). In: Castroviejo, S. & al. (eds), Flora Iberica, vol. XVIII: 99-102. CSIC, Madrid.

Luceño, M., Narbona, E., 2008. *Isolepis* R. Br. (Cyperaceae). In: Castroviejo, S. & al. (eds), Flora Iberica, vol. XVIII: 63-68. CSIC, Madrid.

Martín Bravo, S., Luceño, M., 2008. *Scirpus* L. (Cyperaceae). In: Castroviejo, S. & al. (eds), Flora Iberica, vol. XVIII: 34-36. CSIC, Madrid.

Martín Bravo, S., Jiménez Mejías, P., Luceño, M., 2008. *Bolboschoenus* (Asch.) Palla (Cyperaceae). In: Castroviejo, S. & al. (eds), Flora Iberica, vol. XVIII: 36-42. CSIC, Madrid.

Villar, L., **Jiménez Mejías, P., 2008.** *Trichophorum* Pers. (Cyperaceae). In: Castroviejo, S. & al. (eds), Flora Iberica, vol. XVIII: 67-69. CSIC, Madrid.

Luceño, M., Jiménez, P., Escudero, M., Martín, S., Narbona, E. 2005. Flora silvestre y ornamental del campus de la Universidad Pablo de Olavide. Consejería de Medio Ambiente de la Junta de Andalucía y Universidad Pablo de Olavide. Sevilla.

Luceño, M., Martín, S., Solís Garrido, J. 2001. Plantas Silvestres del campus de la Universidad Pablo de Olavide. 192 pp. Consejería de Medio Ambiente de la Junta de Andalucía y Universidad Pablo de Olavide. Sevilla.