

Books and Recent Publications of TOD F. STUESSY

Books:

- 1984 *Cladistics: Perspectives on the Reconstruction of Evolutionary History*. Columbia Univ. Press, N.Y. (edited with T. Duncan).
- 1985 *Cladistic Theory and Methodology*. Dowden, Hutchinson and Ross, Philadelphia. (edited with T. Duncan).
- 1990 *Plant Taxonomy: The Systematic Evaluation of Comparative Data*. Columbia Univ. Press, N.Y. (Received Gleason Award for 1990).
- 1994 *Case studies in Plant Taxonomy: Exercises in Applied Pattern Recognition*. Columbia Univ. Press, N.Y.
- 1996 *Sampling the Green World: Innovative Concepts of Collection, Preservation, and Storage of Plant Diversity*. Columbia Univ. Press: New York. (edited with S. Sohmer)
- 1998 *Evolution and Speciation of Island Plants*. Cambridge Univ. Press, Cambridge. (edited with M. Ono).
- 2001 *Flavonoids of the Sunflower Family (Asteraceae)*. Springer-Verlag, Vienna. (with B. Bohm).
- 2001 *Plant Systematics: A Half-Century of Progress (1950-2000) and Future Challenges*. IAPT, Vienna. (edited with E. Hoerandl and V. Mayer).
- 2003 *Deep Morphology: Toward a Renaissance of Morphology in Plant Systematics*. Gantner, Liechtenstein. (edited with V. Mayer and E. Hoerandl).
- 2009 *Plant Taxonomy: The Systematic Evaluation of Comparative Data*, ed. 2. Columbia Univ. Press, N.Y.
- 2009 *Systematics, Evolution, and Biogeography of Compositae*. IAPT Press, Vienna. (edited with V. Funk, A. Susanna and R. Bayer) (received Stebbins Medal 2009)
- 2011 *Monographic Plant Systematics: Fundamental Assessment of Plant Biodiversity*. Gantner, Liechtenstein. (edited with H. Walter Lack)
- In press *Plant Systematics: The Origin, Interpretation, and Ordering of Plant Biodiversity*. Gantner, Liechtenstein. (with D. Crawford, D. Soltis, and P. Soltis)

Papers (since 2005; more than 280 total):

- 2005a Pleistocene refugia and recolonization routes in the southern Andes: insights from *Hypochoeris palustris* (Asteraceae, Lactuceae). *Mol. Ecol.* 14: 203-212.

(with A. N. Muellner, K. Tremetsberger and C. M. Baeza).

- 2005b Phylogenetic relationships in subfamily Tillandsioideae (Bromeliaceae) based on DNA sequence data from seven plastid regions. *Amer. J. Bot.* 92: 337-351. (with M. H. J. Barfuss, R. Samuel and W. Till).
- 2005c Taxonomy and cytogeography of *Cardamine raphanifolia* and *C. gallaecica* (Brassicaceae) in the Iberian Peninsula. *Pl. Syst. Evol.* 254: 69-91. (with M. Perny, A. Tribsch and K. Marhold)
- 2005d Making the first step: practical considerations for the isolation of low-copy nuclear sequence markers. *Taxon* 54: 766-770. (with P. Schlüter and H. Paulus).
- 2005e Inventorying the flora of the world: status, needs and prospects. Introduction In: I. Hedberg (ed.), *Species Plantarum: 250 Years*. *Symbol. Bot. Upsalensis.* 33: 153-158.
- 2005f Landscape modification and impact on specific and genetic diversity in oceanic islands. Pp. 89-101 in: H. Balslev and I. Friis (eds.), *Plant Diversity and Complexity Patterns: Local, Regional and Global Dimensions*. Danish Acad. Sci., Copenhagen. (*Biol. Skr.* 55; with J. Greimler and T. Dirnböck).
- 2005g Nuclear ribosomal DNA and karyotypes indicate a NW African origin of South American *Hypochoeris* (Asteraceae, Cichorieae). *Mol. Phylogenet. Evol.* 35: 102-116. (with K. Tremetsberger, H. Weiss-Schneeweiss, R. Samuel, G. Kadlec, M. A. Ortiz and S. Talavera).
- 2005h Allopolyploid origin of *Cardamine silana* (Brassicaceae) from Calabria (southern Italy): karyological, morphological and molecular evidence. *Bot. J. Linn. Soc.* 148: 101-116. (with M. Perny, A. Tribsch, and K. Marhold)
- 2005i Testing degrees of genetic divergence and populational variation in oceanic island archipelagos: Juan Fernandez as a model system. *Nova Acta Leopoldina* 92: 147-165. (with E. Ruiz, K. Tremetsberger, D. Crawford).
- 2005j Challenges facing plant systematics: Are we up to the task? Pp. 17-29 in: Pandey, A., Wen, J. and Dogra, J. V. V. (eds.), *Plant Taxonomy: Advances and Relevance*. CBS Publ., New Delhi.
- 2005k International Symposium on Plant Taxonomy: Advances and Relevance—Presiding Remarks. Pp. 1-4 in: Pandey, A., Wen, J. and Dogra, J. V. V. (eds.), *Plant Taxonomy: Advances and Relevance*. CBS Publ., New Delhi.
- 2005l XVII International Botanical Congress: preliminary mail vote and report of Congress action on nomenclature proposals. *Taxon* 54:1057-1064. (with J. McNeill, N. J. Turland and E. Hörandl).
- 2005m Evolution of *Dystaenia takesimana* (Apiaceae) endemic to Ullung Island, Korea. *Pl. Syst. Evol.* 256:159-170. (with M. Pfosser, G. Jakubowsky, P. Schlüter, T.

- Fer, H. Kato, B.-Y. Sun).
- 2006a Self-compatibility and floral parameters in *Hypochaeris* sect. *Hypochaeris* (Asteraceae). *Amer. J. Bot.* 93:234-244. (with M. A. Ortiz, S. Talavera, J. L. Garcia-Castano, K. Tremetsberger, F. Balao, R. Casimiro-Soriguer).
- 2006b Principles and practice of plant taxonomy. Pp. 31-44 in: S. Jury and E. Leadlay (eds.), *Taxonomy and Plant Conservation: The Cornerstone of the Conservation and the Sustainable Use of Plants*. Cambridge Univ. Press, Cambridge.
- 2006c Cytogenetic studies in populations of *Hypochaeris apargioides* Hook. et Arn. (Asteraceae, Lactuceae) from Chile. *Gayana Bot.* 63: 99-105. (with C. Baeza and S. Jara).
- 2006d Phylogenetics of tribe Phyllanthae (Phyllanthaceae; Euphorbiaceae sensu lato) based on nrITS and plastid *matK* DNA sequence data. *Amer. J. Bot.* 93: 637-655. (with H. Kathriarachchi, R. Samuel, P. Hoffmann, J. Mlinarec, K. J. Wurdack, H. Ralimanana and M.S. Chase).
- 2006e The role of hybridization, polyploidization and glaciation in the origin and evolution of the apomictic *Ranunculus cassubicus* complex. *New Phytol.* 171: 223-236. (with O. Paun and E. Hörandl).
- 2006f Molecular phylogenetics reveals *Leontodon* (Asteraceae, Lactuceae) to be diphyletic. *Amer. J. Bot.* 93: 1193-1205. (with R. Samuel, W. Gutermann, C.F. Ruas, H.-W. Lack, K. Tremetsberger, S. Talavera, B. Hermanowski and F. Ehrendorfer).
- 2006g Phylogenetics of Quinaceae (Malpighiales): evidence from *trnL-trnF* sequence data and morphology. *Pl. Syst. Evol.* 257: 189-203. (with J.V. Schneider, U. Swenson, R. Samuel and G. Zizka).
- 2006h Anagenetic evolution in island plants. *J. Biogeogr.* 33: 1259-1265. (with G. Jakubowsky, R. Salguero Gomez, M. Pfosser, P. M. Schlüter, T. Fer, B.-Y. Sun, and H. Kato).
- 2006i Phylogenetic implications of corolla morphology in subfamily Barnadesioideae (Asteraceae). *Flora* 201: 340-352. (with E. Urtubey).
- 2006j AFLP phylogeny of South American species of *Hypochaeris* (Asteraceae, Lactuceae). *Syst. Bot.* 31: 610-626. (with K. Tremetsberger, G. Kadlec, E. Urtubey, C.M. Baeza, S.G. Beck, H.A. Valdebenito, C.F. Ruas and N.I. Matzenbacher).
- 2006k The angiosperm flora of the Archipelago Juan Fernandez (Chile): origin and dispersal. *Canad. J. Bot.* 84: 1266-1281. (with G. Bernardello, G. Anderson, and D. Crawford).
- 2006l Genetic diversity and population structure in natural populations of Moroccan

- Atlas cedar (*Cedrus atlantica*; Pinaceae) determined with cpSSR markers. Amer. J. Bot. 93: 1274-1280. (with A. Terrab, O. Paun, K. Tremetsberger, S. Talavera and M. Arista).
- 2006m Sympatric plant speciation in islands? Nature (Brief Communications Arising) 443:E12.
- 2007a Barnadesioideae, pp. 87-90. In: J. Kadereit (ed.), Compositae. *Families and Genera of Vascular Plants* (K. Kubitzki, ed.). Springer-Verlag, Wien. (with E. Urtubey).
- 2007b Reproductive isolation in the Aegaen *Ophrys omegaifera* complex (Orchidaceae). Pl. Syst. Evol. 267: 105-119. (with P. M. Schlüter, P. M. Ruas, G. Kohl, C. F. Ruas, and H. F. Paulus).
- 2007c Population structure of *Hypochoeris salzmanniana* DC. (Asteraceae), an Endemic species to the Atlantic coast on both sides of the Strait of Gibraltar, in relation to Quaternary sea level changes. Mol. Ecol. 16: 541-552. (with M.A. Ortiz, K. Tremetsberger, S. Talavera, and J. L. Garcia-Castano).
- 2007d Genetic diversity at chloroplast microsatellites (cpSSRs) and geographic structure in endangered West Mediterranean firs (*Abies* spp., Pinaceae). Taxon 56: 409-416. (with A. Terrab, S. Talavera, M. Arista, O. Paun and K. Tremetsberger).
- 2007e A screen of low-copy nuclear genes reveals the LFY gene as phylogenetically informative in closely related species of orchids (*Ophrys*). Taxon 56: 493-504. (with P. Schlüter, G. Kohl, and H. F. Paulus).
- 2007f Chromosome numbers and karyotypes of South American species and populations of *Hypochoeris* (Asteraceae). Bot. J. Linn. Soc. 153: 49-60. (with H. Weiss-Schneeweiss, K. Tremetsberger, E. Urtubey, H. A. Valdebenito, S. G. Beck and C. M. Baeza).
- 2007g Recuentos cromosomicos en plantas que crecen en Chile III. Gayana Bot. 64: 175-183. (with M. Baeza, O. Schrader, A. Terrab, M. Rosas, M. Ruiz, M. Negritto and E. Urtubey).
- 2007h Estudios cromosomicos en especies de *Hypochoeris* L. (Asteraceae, Lactuceae) de Chile. Gayana Bot. 64 : 245-249. (with M. Baeza, C. Cabezas, A. Terrab, E. Ruiz, M. Negritto and E. Urtubey).
- 2007i Genetic diversity and differentiation within and among Chilean populations of *Araucaria araucana* (Araucariaceae) based on allozyme variability. Taxon 56: 1221-1228. (with E. Ruiz, R. Gonzalez and C. Torres D., G. Fuentes, M. Mardones, R. Samuel, J. Becerra and M. Silva).
- 2007j Evolution of specific and genetic diversity during ontogeny of island floras: the importance of understanding process for interpreting island biogeographic patterns. Pp. 117-132 in: M. Ebach and R. S. Tangney (eds.), *Biogeography in a*

Changing World. CRC Press.

- 2007k Chromosomal stasis in diploids contrasts with genome restructuring in auto- and allopolyploid taxa of *Hepatica* (Ranunculaceae). *New Phytol.* 174: 669-682.
- 2008a Characterization, genomic organization and chromosomal distribution of *Tyl-copia* retrotransposons in species of *Hypochaeris* (Asteraceae). *Gene* 412: 39-49. (with C. F. Ruas, H. Weiss-Schneeweiss, M. R. Samuel, A. Pedrosa-Harand, K. Tremetsberger, P. M. Ruas, P. M. Schluter, M. A. Ortiz Herrera, C. König and N. I. Matzenbacher).
- 2008b Scent variation and hybridization cause the displacement of a sexually deceptive orchid species. *Amer. J. Bot.* 95: 472-481. (with J. Stökl, P. M. Schlüter, H. F. Paulus, G. Assum and M. Ayasse).
- 2008c Karyotype diversification and evolution in diploid and polyploidy South American *Hypochaeris* (Asteraceae) inferred from rDNA localization and genetic fingerprint data. *Ann. Bot.* 101: 909-918. (with H. Weiss-Schneeweiss, K. Tremetsberger, G. Schneeweiss and J. Parker).
- 2008d Genetic races associated with the genera and sections of host species in the holoparasitic plant *Cytinus* (Cytinaceae) in the Western Mediterranean basin. *New Phytol.* 178: 875-888. (with C. de Vega, R. Berjano, M. Arista, P. L. Ortiz and S. Talavera).
- 2008e Patrocladistic classification. *Taxon* 57: 594-601. (with K. König)
- 2008f Phylogeography of North African Atlas cedar (*Cedrus atlantica*, Pinaceae): Combined molecular and fossil data reveal a complex Quaternary history. *Amer. J. Bot.* 95: 1262-1269. (with A. Terrab, A. Hampe, O. Lepais, S. Talavera and E. Vela).
- 2008g Phylogeography of the invasive weed *Hypochaeris radicata* (Asteraceae): from Moroccan origin to worldwide introduced populations. *Mol. Ecol.* 17: 3654-3667. (with M. A. Ortiz, K. Tremetsberger, A. Terrab, J. L. Garcia-Castaño, E. Urtubey, C. M. Baeza, C. F. Ruas, P. E. Gibbs and S. Talavera).
- 2008h An evaluation of tribes and generic relationships in Melioideae (Meliaceae) based on nuclear ITS ribosomal DNA. *Taxon* 57: 98-108. (with A. Muellner, R. Samuel, M. W. Chase and A. Coleman).
- 2008i Phylogenetic relationships among Chilean species of *Drimys* (Winteraceae) based on ITS sequences and insertion/deletion events. *Gayana Bot.* 65:220-228. (with E. Ruiz, O. Toro, D. J. Crawford, M. A. Negritto, C. Baeza and J. Becerra)
- 2009a Molecular phylogenetic analyses of nuclear and plastid DNA sequences support dysploid and polyploidy chromosome number changes and reticulate evolution in the diversification of *Melampodium* (Millerieae, Asteraceae). *Mol. Phylogenet. Evol.* 53: 220-233. (with C. Blösch, G. M. Schneeweiss, M. H. Barfuss, C. A. Rebernick, and J. L. Villasenor)

- 2009b Genetic patterns and pollination in *Ophrys iricolor* and *O. misaritica* (Orchidaceae); sympatric evolution by pollinator shift. *Bot. J. Linn. Soc.* 159: 583-598. (with P. M. Schlüter, P. M. Ruas, G. Kohl and C. F. Ruas).
- 2009c Breeding system studies indicate vicariance origin for scattered populations and enigmatic low fecundity in the Moroccan endemic *Hypochaeris angustifolia* (Asteraceae), sister taxon to all of the South American *Hypochaeris* species. *Mol. Phylogenet. Evol.* 53: 13-22. (with A. Terrab, M. A. Ortiz, M. Talavera, M. J. Ariza, M. Del Carmen Moriana, J. L. Garcia-Castano, K. Tremetsberger, C. Marcelo Baeza, E. Urtubey, C. De Fatima Ruas, R. Casimiro-Soriguer, F. Balao, P. E. Gibbs, and Salvador Talavera).
- 2009d Dear Professor Linnaeus. Pp. 255-257 in: S. Knapp and Q. Wheeler (eds.), *Letters to Linnaeus*. London, The Linnean Society.
- 2009e Phylogeny of Barnadesioideae (Asteraceae) inferred from DNA sequence data and morphology. *Mol. Phylogenet. Evol.* 51: 572-586. (with M. Gruenstaeudl, E. Urtubey, R. K. Jansen, R. Samuel, and M. H. J. Barfuss).
- 2009f Rooting and dating maples (*Acer*) with an uncorrelated-rates molecular clock: Implications for North American/Asian disjunctions. *Syst. Biol.* 57: 957-986. (with S. Renner, G. Grimm, G. Schneeweiss and R. Ricklefs).
- 2009g Paradigms in biological classification (1707-2007): Has anything really changed? *Taxon* 58: 68-76.
- 2009h Anagenesis. Pp. 8-10 in: R. G. Gillespie and D. A. Clague, eds., *Encyclopedia of Islands*. Univ. California Press, Berkeley.
- 2009i Pleistocene refugia and polytopic replacement of diploids by tetraploids in the Patagonian and Subantarctic plant *Hypochaeris incana* (Asteraceae, Cichorieae). *Mol. Ecol.* 18: 3668-3682. (with K. Tremetsberger, E. Urtubey, A. Terrab, C. Baeza, A. Ortiz, M. Talavera, C. Koenig, E. Temsch, and S. Talavera)
- 2009j Introduction to symposium "Concepts of systematic biology from Linnaeus to the present." *Taxon* 58: 16-17.
- 2009k Systematics of the South American *Hypochaeris sessiliflora* complex (Asteraceae, Cichorieae). *Ann. Missouri Bot. Gard.* 96: 685-714. (with E. Urtubey and K. Tremetsberger).
- 2009l Chromosome numbers, karyotypes, and evolution in *Melampodium* (Asteraceae). *Int. J. Plant Sci.* 170: 1168-1182. (with H. Weiss-Schneeweiss and J. L. Villasenor).
- 2009m Phylogeographic patterns in *Hypochaeris* section *Hypochaeris* (Asteraceae, Lactuceae) of the western Mediterranean. *J. Biogeogr.* 36: 1384-1397. (with M. A. Ortiz, K. Tremetsberger, A. Terrab, J. L. Garcia-Castano and S. Talavera).

- 2009n Speciation in sexually deceptive orchids: pollinator-driven selection maintains discrete odour phenotypes in hybridizing species. *Biol. J. Linn. Soc.* 98: 439-451. (with Stökl, J., Schlüter, P.M., Paulus, H. F., Fraberger, R., Erdmann, D., Schulz, C., Francke, W., Assum, G. and Ayasse, M.).
- 2010a Molecular phylogeny of the Edelweiss (*Leontopodium*, Asteraceae—Gnaphalieae). *Edinburgh J. Bot.* 67: 235-264. (with Blösch, C., Dickore, W. B., and Samuel, R.).
- 2010b Paraphyletic groups as natural units of biological classification. *Taxon* 59: 1641-1653. (with E. Hörandl).
- 2010c Multiple Pleistocene refugia and Holocene range expansion of an abundant southwestern American desert plant species (*Melampodium leucanthum*, Asteraceae). *Mol. Ecol.* 19: 3421-3443. (with Rebernig, C. A., Schneeweiss, G. M., Bardy, K. E., Schönswetter, P., Villaseñor, J. L., Obermayer, R., and Weiss-Schneeweiss).
- 2010d Quaternary range dynamics and polyploid evolution in an arid brushland plant species (*Melampodium cinereum*, Asteraceae). *Mol. Phylogenet. Evol.* 54: 594-606. (with Rebernig, C. A., Weiss-Schneeweiss, H., Schneeweiss, G. M., Schönswetter, P., Obermayer, R., Villaseñor, J. L.).
- 2010e Paraphyly and the origin and classification of angiosperms. *Taxon* 59: 689-693.
- 2010f Plant speciation symposium: introduction. *Taxon* 59: 1324-1325.
- 2010g The South American Biogeographic Transition Zone: An analysis from Asteraceae. *Taxon* 59: 505-509. (with Urtubey, E., Stuessy, T. F., Tremetsberger, K. and Morrone, J. J.).
- 2010h The rise of sunflowers. *Science* 329: 1605-1606.
- 2011a Modern plant biosystematics: commemorating 50 years of the International Organization of Plant Systematists. *Taxon* 60: 317-319. (with Marhold, K.).
- 2011b Phylogeny of *Hepatica* (Ranunculaceae) and origin of *Hepatica maxima* Nakai endemic to Ullung Island, Korea. *Stapfia* 95: 16-27. (with Pfosser, M., Sun, B.-Y., Jang, C.-G., Guo, Y.-P., Taejin, K., Hwan, K. C., Kato, H. and Sugawara, T.).
- 2011c Karyotype and AFLP data reveal the phylogenetic position of the Brazilian endemic *Hypochaeris catharinensis* (Asteraceae). *Pl. Syst. Evol.* 296: 231-143. (with Reck, M., Benicio, L. M., Ruas, E. A., Rodrigues, L. A., Ruas, P.M., Ortiz, M. A., Talavera, S., Urtubey, E., Weiss-Schneeweiss, H., Tremetsberger, K., Michelan, V. S., Matzenbacher, N. I., Vanzela, A. L. L., Terrab, A., Samuel, R., and Ruas, C. F.).
- 2011d Phylogenetic relationships in the genus *Leontopodium* (Asteraceae: Gnaphalieae) based on AFLP data. *Bot. J. Linn. Soc.* 165: 364-377.

- (with Safer, S., Tremetsberger, K., Guo, Y.-P., Kohl, G., Samuel, M. R., and Stuppner, H.).
- 2011e Evidence for progenitor-derivative speciation in sexually deceptive orchids. *Ann. Bot.* 108: 895-906. (with Schluter, P. M., Ruas, P. M., Kohl, G., Ruas, C. F., and Paulus, H. F.).
- 2011f Phylogenetic analyses of DNA sequences with chromosomal and morphological data confirm and refine sectional and series classification within *Melampodium* (Asteraceae, Millerieae). *Taxon* 60: 436-449. (with Blöch, Villaseñor, J. L., Rebernick, C. A and Weiss-Schneeweiss, H.).
- 2011g A simple and cost-effective approach for microsatellite isolation in non-model plant species using small-scale 454 pyrosequencing. *Taxon* 60: 1442-1449. (with Takayama, K., López S., P., König, C., Kohl, G., and Novak, J.).
- 2011h Molecular phylogeny and systematics of the highly polymorphic *Rumex bucephalophorus* complex (Polygonaceae). *Mol. Phylogenet. Evol.* 61: 659-670. (with Talavera, M., Balao, F., Casimiro-Soriguer, Ortiz, M. A., Terrab, A., Arista, M., Ortiz, P. L., and Talavera, S.).
- 2011i The promiscuous and the chaste: frequent allopolyploid speciation and its genomic consequences in American daisies (*Melampodium* sect. *Melampodium*; Asteraceae). *Evolution* 66:211-228. (with Weiss-Schneeweiss, H., Blöch, C., Turner, B., Villaseñor, J. L., and Schneeweiss, G.).
- 2012a Founder effects are invisible in endemic species of oceanic islands. *J. Biogeogr.* 39: 1565-1566. (with Takayama, K. and López Sepúlveda, P.).
- 2012b Development of microsatellite markers in species of *Erigeron* (Asteraceae) endemic to the Juan Fernandez Archipelago, Chile. *Amer. J. Bot.* : e1-e3. (with Takayama, K., López Sepúlveda, Kohl, G., and Novak, J.).
- 2012c Phylogenetic relationships in *Myrceugenia* (Myrtaceae) based on plastid and nuclear DNA sequences. *Mol. Phylogenet. Evol.* 62: 764-776. (with Murillo-A., J., Ruiz-P., E., Landrum, L. R., and Barfuss, M. H. J.).
- 2012d Genetic consequences of anagenetic speciation in *Acer okamotoanum* (Sapindaceae) on Ullung Island, Korea. *Ann. Bot.* 109: 321-330. (with Takayama, K. and Sun, B.-Y.).
- 2012e Genetic diversity of pioneer populations: the case of *Nassauvia argentea* (Asteraceae: Mutisieae) on Volcán Lonquimay, Chile. *Pl. Syst. Evol.* 298: 109-119. (with Green, E. C., Tremetsberger, K., Jiménez, A., Gómez-González, S., Baeza, C. M., and López, P. G.).
- 2012f Progenitor-derivative speciation in *Pozoa* (Apiaceae, Azorelloideae) of the southern

- Andes. *Ann. Bot.* 109: 351-363. (with López, P., Tremetsberger, K., and Kohl, G.).
- 2012g The evolutionary history of the white-rayed species of *Melampodium* (Asteraceae) involved multiple cycles of hybridization and polyploidization. *Amer. J. Bot.* 99: 1-15. (with Rebernick, C. A., Weiss-Schneeweiss, H., Blösch, C., Turner, B., Obermayer, R., Villasenor, J. L., and Schneeweiss, G. M.).
- 2013a Cytological investigations on populations of *Taraxacum* (Asteraceae) from the Juan Fernández Archipelago, Chile. *Gayana Bot.* 70: 369-371. (with Baeza, C., Bastias, C., Ruiz, E., Greimler, J., López, P., Peñailillo, P., Novoa, P., and Gatica, A.).
- 2013b Genetic variation (AFLPs and nuclear microsatellites) in two anagenetically derived endemic species of *Myrceugenia* (Myrtaceae) on Juan Fernandez Islands, Chile. *Amer. J. Bot.* 100: 722-734. (with López-Sepúlveda, P. G., Takayama, K., Greimler, J., Peñailillo, P., Crawford, D. J., Baeza, M., Ruiz, E., Kohl, G., Tremetsberger, K., Gatica, A., Letelier, L., Novoa, P., and Novak, J.).
- 2013c Radiation of the *Hypochaeris apargioides* complex (Asteraceae: Cichorieae) of southern South America. *Taxon* 62: 550-563. (with López-Sepúlveda, P., Tremetsberger, K., Ortiz, M. A., Baeza, C. M., and Peñailillo, P.).
- 2013d The future of botanical monography: Report from an international workshop, 12-15 March 2012, Smolenice, Slovak Republic. *Taxon* 62: 4-20. (with Marhold, K.).
- 2013e Phylogenetic relationships among *Myrceugenia*, *Blepharocalyx*, and *Luma* (Myrtaceae) based on paired-sites models and the secondary structures of ITS and ETS sequences. *Pl. Syst. Evol.* 299: 713-729. (with Murillo-A., J., and Ruiz, E.).
- 2013f Chromosome counts and genome size of *Leontopodium* species (Asteraceae: Gnaphalieae) from south-western China. *Bot. J. Linn. Soc.* 171: 627-636. (with Russell, A., Safer, S., Weiss-Schneeweiss, H., Tensch, E., Stuppner, H., and Samuel, R.).
- 2013g Schools of data analysis in systematics are converging, but differences remain with formal classification. *Taxon* 62: 876-885.
- 2013h New trends in plant systematics—introduction. *Taxon* 62: 873-875. (with V. A. Funk).
- 2013i Interpretation of patterns of genetic variation in endemic plant species of oceanic islands. *Bot. J. Linn. Soc.* DOI:10.1111/boj.12088 (with Takayama, K., López-Sepúlveda, and Crawford, D. J.).
- 2013j Anagenetic speciation in Ullung Island, Korea: genetic diversity and structure in the island endemic species, *Acer takesimensis* (Sapindaceae). *J. Pl. Res.* 126: 323-333. (with Takayama, K., and Sun, B.-Y.)