

Complete list of literature cited^{*}

Compiled by Franz Stadler

- Aa, A.J. van der** 1859. Francq Van Berkhey (Johanes Le). Pp. 194–201 in: *Biographisch Woordenboek der Nederlanden*, vol. 6. Van Brederode, Haarlem.
- Abdel Aal, M., Bohlmann, F., Sarg, T., El-Domiaty, M. & Nordenstam, B.** 1988. Olopane derivatives from *Acrisione denticulata*. *Phytochemistry* 27: 2599–2602.
- Abegaz, B.M., Keige, A.W., Diaz, J.D. & Herz, W.** 1994. Sesquiterpene lactones and other constituents of *Vernonia* species from Ethiopia. *Phytochemistry* 37: 191–196.
- Abosi, A.O. & Raseroka, B.H.** 2003. In vivo antimalarial activity of *Vernonia amygdalina*. *British Journal of Biomedical Science* 60: 89–91.
- Abrahamson, W.G., Blair, C.P., Eubanks, M.D. & Morehead, S.A.** 2003. Sequential radiation of unrelated organisms: the gall fly *Eurosta solidaginis* and the tumbling flower beetle *Mordellistena convicta*. *Journal of Evolutionary Biology* 16: 781–789.
- Abrahamson, W.G., Eubanks, M.D., Blair, C.P. & Whipple, A.V.** 2001. Gall flies, inquilines, and goldenrods: a model for host-race formation and sympatric speciation. *American Zoologist* 41: 928–938.
- Abrahamson, W.G. & Weis, A.E.** 1997. *Evolutionary Ecology Across Three Trophic Levels. Goldenrods, Gallmakers, and Natural Enemies*. Monographs in Population Biology 29. Princeton University Press, Princeton.
- Ackerman, T.L.** 2003. A flora of the desert national wildlife range, Nevada. *Mentzelia* 7: 1–90.
- Adachi, J., Watanabe, K., Fukui, K., Ohmido, N. & Kosuge, K.** 1997. Chromosomal location and reorganization of the 45S and 5S rDNA in the *Brachyscome lineariloba* complex (Asteraceae). *Journal of Plant Research* 110: 371–377.
- Adams, J.** 2004. *Hideous Absinthe. A History of the Devil in a Bottle*. I.B. Tauris, New York.
- Adams, K.L., Cronn, R., Percifield, R. & Wendel, J.F.** 2003. Genes duplicated by polyploidy show unequal contributions to the transcriptome and organ-specific silencing. *Proceedings of the National Academy of Sciences of the United States of America* 100: 4649–4654.
- Adams, K.L. & Wendel, J.F.** 2005. Polyploidy and genome evolution in plants. *Current Opinion in Plant Biology* 8: 135–141.
- Adanson, M.** 1757. *Histoire naturelle du Sénégal*. Bauche, Paris.
- Adanson, M.** 1763. *Familles des Plantes*. Vincent, Paris.
- Adeboye, O.D., Ajayi, S.A., Baidu-Forson, J.J. & Opabode, J.T.** 2005. Seed constraint to cultivation and productivity of African indigenous leaf vegetables. *African Journal of Biotechnology* 4: 1480–1484.
- Adylov, T.A. & Zuckerwanik, T.I. (eds.)** 1993. *Opredelitel rasteniy Srednei Azii*, vol. 10. *Conspectus florae Asiae Mediae*, vol. 10. Isdatelstvo Fan Respubliki Uzbekistan, Tashkent.
- Afolayan, A.J.** 2003. Extracts from the shoots of *Arctotis arctotoides* inhibit the growth of bacteria and fungi. *Pharmaceutical Biology* 41: 22–25.
- Afolayan, A.J., Grierson, D.S., Kambizi, L., Madamombe, I. & Masika, P.J.** 2002. In vitro antifungal activity of some South African medicinal plants. *South African Journal of Botany* 68: 72–76.
- Afolayan, A.J., Jimoh, F.O., Sofidiya, M.O., Koduru, S. & Lewu, F.B.** 2007. Medicinal potential of the root of *Arctotis arctotoides*. *Pharmaceutical Biology* 45: 486–493.
- Agapow, P.M., Bininda-Emonds, O.R.P., Crandall, K.A., Gittleman, J.L., Mace, G.M., Marshall, J.C. & Purvis, A.** 2004. The impact of species concept on biodiversity studies. *The Quarterly Review of Biology* 79(2): 161–179.
- Agarwal, S.K., Verma, S., Singh, S.S., Tripathi, A.K., Khan, Z.K. & Kumar, S.** 2000. Antifeedant and antifungal activity of chromene compounds isolated from *Blepharispermum subsessile*. *Journal of Ethnopharmacology* 71: 231–234.
- Agnew, A.D.Q.** 1974. *Upland Kenya Wildflowers*. Oxford University Press, Oxford.
- Ahlstrand, L.** 1978. Embryology of *Ursinia* (Compositae). *Botaniska Notiser* 131: 487–496.
- Ahlstrand, L.** 1992. Contributions to the embryology of *Arctotideae* (Compositae). The genera *Dymondia* Compton, *Cul-*

^{*}Does not include references from Appendix B.

- lumia R. Br., *Didelta* L'Herit. and *Heterolepis* Cass. *Compositae Newsletter* 22: 1–4.
- Ahmed, A.A., Mahmoud, A.A., Ahmed, U.M., El-Bassouy, A.A., Abd El-Razk, M.H., Pare, P.W. & Karchesy, J.** 2001. Manoyl oxide α -Arabinopyranoside and grindelic acid diterpenoids from *Grindelia integrifolia*. *Journal of Natural Products* 64: 1365–1367.
- Ahmed, M., Jakupovic, J., Bohlmann, F. & Mungai, M.G.** 1991. A 5-methylcoumarin and glaucolides from *Bothriodcline amplifolia*. *Phytochemistry* 30: 2807–2808.
- Akachuku, C.O.** 2001. Growth of bitter leaf (*Vernonia amygdalina* Del., Compositae) and the nutritive values of its processed and unprocessed leaves. *Discovery and Innovation* 13: 227–233.
- Akah, P.A. & Okafor, C.L.** 1992. Blood-sugar lowering effect of *Vernonia amygdalina* Del. in an experimental rabbit model. *Phytotherapy Research* 6: 171–173.
- Alarcón, M.C.B.V., Lopes, J.L.C. & Herz, W.** 1990. Glaucolide-B, a molluscicidal sesquiterpene lactone, and other constituents of *Vernonia eremophila*. *Planta Medica* 56: 271–273.
- Alavi, S.A.** 1976. Genus *Coleostephus* Cassini in Europe (Asteraceae). *Phyton (Horn)* 17: 319–328.
- Alawa, C.B.I., Adamu, A.M., Gefu, J.O., Ajanusi, O.J., Abdu, P.A., Chiezey, N.P., Alawa, J.N. & Bowman, D.D.** 2003. In vitro screening of two Nigerian medicinal plants (*Vernonia amygdalina* and *Annona senegalensis*) for anthelmintic activity. *Veterinary Parasitology* 113: 73–81.
- Albach, D.C., Soltis, P.S., Soltis, D.E. & Olmstead, R.G.** 2001. Phylogenetic analysis of asterids based on sequences of four genes. *Annals of the Missouri Botanical Garden* 88: 163–212.
- Alcantara, A.F.C., Silveira, D., Chiari, E., Oliveria, A.B., Guimarães, J.E. & Raslan, D.S.** 2005. Comparative analysis of the trypanocidal activity and chemical properties of E-lychnophoric acid and its derivatives using theoretical calculations. *Electica Química (São Paulo)* 30: 37–45.
- Aldridge, A.E.** 1978. Anatomy and evolution in the Macaronesian *Sonchus* subgenus *Dendrosonchus* (Compositae: Lactuceae). *Botanical Journal of the Linnean Society* 76: 249–285.
- Ali, S.I.** 1969. *Senecio lautus* complex in Australia. V. Taxonomic interpretations. *Australian Journal of Botany* 17: 161–176.
- Allan, H.H.** 1939. Remarks on \times *Leucoraoulia*. *Transactions of the Royal Society of New Zealand* 68: 457–461.
- Allan, H.H.** 1961. *Flora of New Zealand*, vol. 1. R.E. Owen Government Printer, Wellington.
- Allen, G.A.** 1985. The hybrid origin of *Aster ascendens* (Asteraceae). *American Journal of Botany* 72: 268–277.
- Allen, G.A.** 1986. Amphidiploid origin of two endemic races of *Aster* (Asteraceae) in southern California. *American Journal of Botany* 73: 330–335.
- Allen, G.A., Dean, M.L. & Chambers, K.L.** 1983. Hybridization studies in the *Aster occidentalis* (Asteraceae) polyploid complex of western North America. *Brittonia* 35: 353–361.
- Al-Shammary, K.I. & Gornall, R.J.** 1994. Trichome anatomy of the Saxifragaceae s.l. from the southern hemisphere. *Botanical Journal of the Linnean Society* 114: 99–131.
- Alvarenga, S.A.V., Ferreira, M.J.P., Emerenciano, V.P. & Cabrol-Bass, D.** 2001. Chemosystematic studies of natural compounds isolated from Asteraceae. Characterization of tribes by principal component analysis. *Chemometrics and Intelligent Laboratory Systems* 56: 27–37.
- Alvarenga, S.A.V., Ferreira, M.J.P., Rodrigues, G.V. & Emerenciano, V.P.** 2005. A general survey and some taxonomic implications of diterpenes in the Asteraceae. *Botanical Journal of the Linnean Society* 147: 291–308.
- Álvarez, I., Costa, A. & Nieto Feliner, G.** 2008. Selecting single-copy nuclear genes for plant phylogenetics: a preliminary analysis for the Senecioneae (Asteraceae). *Journal of Molecular Evolution* 66: 276–291.
- Álvarez Fernández, I., Fuertes Aguilar, J., Panero, J.L. & Nieto Feliner, G.** 2001. A phylogenetic analysis of *Doronicum* (Asteraceae, Senecioneae) based on morphological, nuclear ribosomal (ITS), and chloroplast (*trnL-F*) evidence. *Molecular Phylogenetics and Evolution* 20: 41–64.
- Alves, T.M.D., Nagem, T.J., De Carvalho, L.H., Krettli, A.U. & Zani, C.L.** 1997. Antiplasmodial triterpene from *Vernonia brasiliensis*. *Planta Medica* 63: 554–555.
- Anderberg, A.** 1988. *Chiliocephalum shimperi* Benth. (Compositae-Inuleae) rediscovered. *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 110: 1–6.
- Anderberg, A.** 1988. The genus *Anisothrix* O. Hoffm. (Compositae-Inuleae). *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 109: 363–372.
- Anderberg, A.** 1989. Phylogeny and re-classification of the tribe Inuleae (Asteraceae). *Canadian Journal of Botany* 67: 2277–2296.
- Anderberg, A.** 1990. *Nablonium* is a congener of *Ammobium* (Asteraceae: Gnaphalieae). *Telopaea* 4: 129–135.
- Anderberg, A.** 1991. Taxonomy and phylogeny of the tribe Gnaphalieae (Asteraceae). *Opera Botanica* 104: 1–195.
- Anderberg, A.** 1991. Taxonomy and phylogeny of the tribe Inuleae (Asteraceae). *Plant Systematics and Evolution* 176: 75–123.
- Anderberg, A.** 1991. Taxonomy and phylogeny of the tribe Plucheeae (Asteraceae). *Plant Systematics and Evolution* 176: 145–177.
- Anderberg, A. & Bremer, K.** 1991. Parsimony analysis and cladistic reclassification of the *Relhania* generic group (Asteraceae–Gnaphalieae). *Annals of the Missouri Botanical Garden* 78: 1061–1072.
- Anderberg, A.A. & Eldenäs, P.** 2007 [2006]. Tribe Inuleae. Pp. 374–391 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Anderberg, A. & Freire, S.E.** 1989. A transfer of two species of *Anaphalis* DC. to *Chionolaena* DC. (Asteraceae, Gnaphalieae). *Notes from the Royal Botanic Gardens Edinburgh* 46: 37–41.
- Anderberg, A. & Freire, S.E.** 1990. *Jalcophila boliviensis*, a new species of South American Asteraceae (Gnaphalieae). *Brittonia* 42: 138–141.
- Anderberg, A. & Freire, S.E.** 1990. *Luciliopsis perpusilla* Weddell is a species of *Chaetanthera* Ruiz & Pavón (Asteraceae, Mutisieae). *Taxon* 39: 430–432.
- Anderberg, A. & Freire, S.E.** 1991. A cladistic and biogeographical analysis of the *Lucilia* group (Asteraceae, Gnaphalieae). *Botanical Journal of the Linnean Society* 106: 173–198.
- Anderberg, A. & Källersjö, M.** 1988. The tribal position of *Oedera* L. (Compositae). *Botanical Journal of the Linnean Society* 96: 323–332.
- Anderberg, A.A.** 1989. Phylogeny and reclassification of the tribe Inuleae (Asteraceae). *Canadian Journal of Botany* 67: 2277–2296.
- Anderberg, A.A.** 1989. Phylogeny and reclassification of the tribe Inuleae (Asteraceae). *Canadian Journal of Botany* 67: 2277–2296.
- Anderberg, A.A.** 1991. Taxonomy and phylogeny of the tribe Gnaphalieae (Asteraceae). *Opera Botanica* 104: 1–195.
- Anderberg, A.A.** 1991. Taxonomy and phylogeny of the tribe Inuleae (Asteraceae). *Plant Systematics and Evolution* 176: 75–123.

- Anderberg, A.A.** 1991. Taxonomy and phylogeny of the tribe Plucheeae (Asteraceae). *Plant Systematics and Evolution* 176: 145–177.
- Anderberg, A.A.** 1992. In defence of the transfer of *Nablonium* to *Ammobium* (Asteraceae-Gnaphalieae), a reply to Orchard. *Telopea* 5: 13–19.
- Anderberg, A.A.** 1994. Gnaphalieae. Pp. 304–364 in: Bremer, K. *Asteraceae: Cladistics & Classification*. Timber Press, Portland.
- Anderberg, A.A.** 1994. Inuleae. Pp. 273–291 in: Bremer, K., *Asteraceae: Cladistics & Classification*. Timber Press, Portland.
- Anderberg, A.A.** 1994. Plucheeae. Pp. 292–303 in: Bremer, K., *Asteraceae: Cladistics & Classification*. Timber Press, Portland.
- Anderberg, A.A.** 1996. “Inuleae”—a paraphyletic assemblage. Pp. 569–573 in: Hind, D.J.N. & Beentje, H.J. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Anderberg, A.A., Baldwin, B.G., Bayer, R.J., Breitwieser, I., Jeffrey, C., Dillon, M.O., Eldenäs, P., Funk, V., Garcia-Jacas, N., Hind, D.J.N., Karis, P.O., Lack, H.W., Nesom, G., Nordenstam, B., Oberprieler, C., Panero, J.L., Puttock, C., Robinson, H., Stuessy, T.F., Susanna, A., Urtubey, E., Vogt, R., Ward, J. & Watson, L.E.** 2007 [2006]. *Compositae*. Pp. 61–588 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Anderberg, A.A., Eldenäs, P., Bayer, R.J. & Englund, M.** 2005. Evolutionary relationships in the Asteraceae tribe Inuleae (incl. Plucheeae) evidenced by DNA sequences of *ndhF*; with notes on the systematic positions of some aberrant genera. *Organisms, Diversity and Evolution* 5: 135–146.
- Anderberg, A.A., Ghahremaninejad, F. & Källersjö, M.** 2007. The enigmatic genus *Dipterocome*. *Compositae Newsletter* 45: 23–32.
- Anderberg, A.A. & Karis, P.O.** 1995. *Psednotrichia*, a genus of the tribe Senecioneae hitherto misplaced in the Astereae (Asteraceae). *Nordic Journal of Botany* 15: 375–379.
- Anderberg, A.A., Karis, P.O. & El Ghazaly, G.** 1992. *Cra-tystylis*, an isolated genus of the Asteraceae-Cichorioideae. *Australian Systematic Botany* 5: 81–94.
- Anderberg, A.A. & Pandey, A.K.** 2008. *Nanothamnus sericeus* Thomson, a derived species of *Blumea*. *Compositae Newsletter* 46: 8–19.
- Anderson, C.** 1972. A monograph of the Mexican and Central American species of *Trixis* (Compositae). *Memoirs of the New York Botanical Garden* 22: 1–68.
- Anderson, G.J., Bernardello, G., Stuessy, T.F. & Crawford, D.J.** 2001. Breeding system and pollination of selected plants endemic to Juan Fernández Islands. *American Journal of Botany* 88: 220–233.
- Anderson, L.C., Kyhos, D.W., Mosquin, T., Powell, A.M. & Raven, P.H.** 1974. Chromosome numbers in Compositae. IX. *Haplopappus* and other Astereae. *American Journal of Botany* 61: 665–671.
- Anderson, L.E.** 1954. Hoyer's solution as a rapid permanent mounting medium for bryophytes. *Bryologist* 57: 242–244.
- Andrus, N., Trusty, J., Santos-Guerra, A., Jansen, R.K. & Francisco-Ortega, J.** 2004. Using molecular phylogenies to test phytogeographical links between East/South Africa–Southern Arabia and Macaronesian islands—a review, and the case of *Vierea* and *Pulicaria* section *Vieraepopsis* (Asteraceae). *Taxon* 53: 333–346.
- Anke, S., Niemüller, D., Moll, S., Hänsch, R. & Ober, D.** 2004. Polyphyletic origin of pyrrolizidine alkaloids within the Asteraceae. Evidence for differential tissue expression of homospermidine synthase. *Plant Physiology* 136: 4437–4047.
- Anonymous.** 1864. Botanical news. *Journal of Botany* 2: 224.
- Anonymous.** 1868. Dr. Karl Heinrich Schulz–Bipontinus [sic]. *Jahresbericht der Pollichia, eines Naturwissenschaftlichen Vereins der bayerischen Pfalz* 25–27: L–LXII.
- Antonelli, A.** 2007. Higher level phylogeny and evolutionary trends in Campanulaceae subfam. Lobelioideae: molecular signal overshadows morphology. *Molecular Phylogenetics and Evolution* 46: 1–8.
- APG II (Angiosperm Phylogeny Group II).** 2003. An update for the angiosperm phylogeny group classification for the orders and families of flowering plants: APG II. *Botanical Journal of the Linnean Society* 141: 399–436.
- Applequist, W.L.** 2002. A reassessment of the nomenclature of *Matricaria* L. and *Tripleurospermum* Sch. Bip. (Asteraceae). *Taxon* 51: 757–761.
- Arambarri, A., Freire, S.E., Colares, M.N., Novoa, M.C., Monti, C. & Stenglein, S.** 2006. Leaf anatomy of medicinal shrubs and trees from Gallery forest of the Paranaense Province (Argentina). *Boletín de la Sociedad Argentina de Botánica* 41: 233–268.
- Arano, H.** 1963. Cytological studies in subfamily Carduoideae (Compositae) of Japan. IX. The karyotype analysis and phylogenetic considerations on *Pertya* and *Ainsliaea*. *Botanical Magazine, Tokyo* 76, 895: 32–40.
- Arano, H.** 1965. The karyotypes and the speciations in subfamily Carduoideae (Compositae) of Japan. XVIII. *Journal of Japanese Botany* 19: 31–67.
- Archibald, J.K., Crawford, D.J., Santos-Guerra, A. & Mort, M.E.** 2006. The utility of automated analysis of inter-simple sequence repeat (ISSR) loci for resolving relationships in the Canary Island species of *Tolpis* (Asteraceae). *American Journal of Botany* 93: 1154–1162.
- Archavaleta, J.** 1906. Flora Uruguay. Enumeración y descripción breve de las plantas conocidas hasta hoy y de algunas nuevas que nacen espontáneamente y viven en la República Oriental del Uruguay. *Anales del Museo Nacional de Montevideo* 6: 425.
- Ariza Espinar, L.** 1973. Revisión del género *Hyaloseris* (Compositae). *Kurtziana* 7: 195–211.
- Ariza Espinar, L.** 1997. 280, *Asteraceae*, parte 7, Tribu VII. *Anthemideae*. Vol. 46 of: Hunziker, A.T. (ed.), *Flora Fanerogámica Argentina*. CONICET, Córdoba.
- Ariza-Espinar, L.** 1994. *Prodromo de la flora fanerogámica de Argentina central. Familia Asteraceae: 1: tribu Vernonieae; 2: tribu Eupatorieae*. Universidad de Córdoba, Córdoba.
- Arnold, G.W., Ozanne, P.G., Galbraith, K.A. & Dandridge, F.** 1985. The capeweed content of pastures in south-western Western Australia. *Australian Journal of Experimental Agriculture* 25: 117–123.
- Arnold, T.H., Prentice, C.A., Hawker, L.C., Snyman, E.E., Tomalin, M., Crouch, N.R. & Pottas-Bircher, C.** 2002. Medicinal and magical plants of southern Africa: an annotated checklist. *Strelitzia* 13: 36.
- Arpots, R.P.L.** 1990. *Vrank en Vry: Johannes le Francq van Berkheij (1729–1812). Een Wetenschappelijke Proeve op het Gebied van de Letteren*. Ph.D. Thesis, Universiteit Nijmegen, Nijmegen.
- Arrow, K.J., Panosian, C. & Gelband, H. (eds.).** 2004. *Saving Lives, Buying Time: Economics of Malaria Drugs in an Age of Resistance*. National Academy of Sciences, Washington, D.C. [Summary available at http://fermat.nap.edu/catalog/11017.html?onpi_newdoc07202004#toc.]
- Ascherson, P.** 1910. Otto Hoffmann. *Verhandlungen des Bota-*

- nischen Vereins für die Provinz Brandenburg und die angrenzenden Länder 51: 153–158.
- Asfaw, N., Storesund, H.J., Skattebol, L. & Aasen, A.J.** 1999. (1S,5R)-(-)-2,4,4-Trimethylbicyclo[3.1.1]hept-2-en-6-one, from the essential oil of the Ethiopian plant *Laggera tomentosa*. *Phytochemistry* 52: 1491–1494.
- Ashmole, P. & Ashmole, M.** 2000. St. Helena and Ascension Island: a natural history. Anthony Nelson, Oswestry.
- Asplund, I.** 1978. Embryological studies in Typhaceae, Sparganiaceae and Compositae. Ph.D. Thesis, University of Göteborg, Göteborg.
- Augier, J. & Méric, M.-L. du** 1951. La phylogénie des Composées. *Revue des Sciences* 89: 167–182.
- Auquier, P. & Renard, R.** 1975. Nombres chromosomiques de quelques Angiospermes du Rwanda, Burundi et Kivu (Zaïre) 1. *Bulletin du Jardin Botanique National de Belgique* 45: 421–445.
- Avetisian, E.M.** 1980. Pollen morphology of the family Calyceraceae. Pp. 57–64 in: *Sistematika i Evolyutsiya Vysshikh Rastenii*. Nauka, Leningrad.
- Avise, J.C. & Robinson, T.J.** 2008. Hemiplasy: a new term in the lexicon of phylogenetics. *Systematic Biology* 57: 503–507.
- Avwiri, G.O. & Igbo, F.O.** 2003. Inhibitive action of *Vernonia amygdalina* on the corrosion of aluminium alloys in acidic media. *Materials Letters* 57: 3705–3711.
- Ayodele, M.S. & Olorode, O.** 2005. A biosystematic evaluation of the relationship between three allopatric shrubby species of *Vernonia* Schreb. (Asteraceae) in Nigeria. *Compositae Newsletter* 42: 8–25.
- Ayodele, M.S.** 1999. Karyomorphological studies in some Nigerian species of *Vernonia* Schreb. (Asteraceae). *Feddes Repertorium Specierum Novarum Regni Vegetabilis* 110: 541–553.
- Baagøe, J.** 1977. Microcharacters in the ligules of the Compositae. Pp. 119–139 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 1. Academic Press, London.
- Baagøe, J.** 1977. Taxonomical application of ligule microcharacters in Compositae. I. Anthemideae, Heliantheae, and Tageteae. *Botanisk Tidsskrift* 71: 193–224.
- Baagøe, J.** 1978. Taxonomical application of ligule microcharacters in Compositae. II. Arctotideae, Astereae, Calenduleae, Eremothamneae, Inuleae, Liabeae, Mutisieae, and Senecioneae. *Botanisk Tidsskrift* 72: 125–147.
- Baagøe, J.** 1980. SEM-studies in ligules of Lactuceae (Compositae). *Botanisk Tidsskrift* 75: 199–217.
- Babcock, E.B.** 1947. The genus *Crepis* 1–2. *University of California Publications in Botany* 21: i–ix, 1–197; 22: i–x, 199–1030.
- Babcock, E.B.** 1949. Supplementary notes on *Crepis* II. *Evolution* 3: 374–376.
- Babcock, E.B. & Cave, M.S.** 1938. A study of intra- and interspecific relations of *Crepis foetida* L. *Zeitschrift für Induktive Abstammungs- und Vererbungslehre* 75: 14–160.
- Babcock, E.B. & Stebbins, G.L.** 1937. The genus *Youngia*. *Publications of the Carnegie Institution of Washington* 484: 1–106.
- Babcock, E.B. & Stebbins, G.L.** 1938. *The American Species of Crepis: Their Interrelationships and Distribution as Affected by Polyploidy and Apomixis*. Carnegie Institution of Washington, Washington, D.C.
- Babcock, E.B. & Stebbins, G.L.** 1943. Systematic studies in the Cichorieae. *University of California Publications in Botany* 18(11): 227–240.
- Bacigalupi, R.** 1931. A monograph of the genus *Perezia*, section *Acourtia*, with a provisional key to the section *Euperezia*. *Contributions from the Gray Herbarium of Harvard University* 97: 1–81.
- Backhaus, R.A. & Walsh, S.** 1983. The ontogeny of rubber formation in guayule, *Parthenium argentatum* Gray. *Botanical Gazette* 144: 391–400.
- Badillo, V.M.** 1989. Enumeración de las Vernonieae (Compositae) de Venezuela. *Ernestia* 54: 1–54.
- Baerts, M. & Lehmann, J.** 1991. Plantes médicinales vétérinaires de la région des crêtes Zaïre-Nil au Burundi. *Annales des Sciences Economiques* 21: 1–133.
- Baeza, C. & Schrader, O.** 2005. Karyotype analysis in *Haplopappus* Cass. and *Grindelia* Willd. (Asteraceae) by double FISH with rRNA specific genes. *Plant Systematics and Evolution* 251: 161–172.
- Bailey, L.H. & Bailey, E.Z.** 1976. *Hortus Third, A Concise Dictionary of Plants Cultivated in the United States and Canada*. MacMillan Publishing Co., New York.
- Bailey, L.H.** 1949. *Manual of Cultivated Plants*. MacMillan, New York.
- Bailey, L.H.** 1975. *Manual of Cultivated Plants Most Commonly Grown in the Continental United States and Canada*. Macmillan, New York.
- Bailly, A.** 1992. *Défricheurs d'inconnu: Peiresc, Tournefort, Adanson, Saporta*. Édisud, Aix-en-Provence.
- Bain, J.F. & Golden, J.L.** 2000. A phylogeny of *Packera* (Senecioneae: Asteraceae) based on internal transcribed spacer region sequence data and a broad sampling of outgroups. *Molecular Phylogenetics and Evolution* 16: 331–338.
- Bain, J.F. & Jansen, R.K.** 1995. A phylogenetic analysis of the aureoid *Senecio* (Asteraceae) complex based on ITS sequence data. *Plant Systematics and Evolution* 195: 209–219.
- Bain, J.F. & Jansen, R.K.** 2006. A chloroplast DNA hairpin structure provides useful phylogenetic data within tribe Senecioneae (Asteraceae). *Canadian Journal of Botany* 84: 862–868.
- Bain, J.F., Tyson, B.S. & Bray, D.F.** 1997. Variation in pollen wall ultrastructure in New World Senecioneae (Asteraceae), with special reference to *Packera*. *Canadian Journal of Botany* 75: 730–735.
- Bain, J.F. & Walker, J.** 1995. A comparison of the pollen wall ultrastructure of aureoid and non-aureoid *Senecio* species (Asteraceae) in North America. *Plant Systematics and Evolution* 195: 199–207.
- Baker, H.G.** 1955. Self-compatibility and establishment after “long-distance” dispersal. *Evolution* 9: 347–348.
- Baker, H.G.** 1967. Support for Baker’s Law—as a rule. *Evolution* 21: 853–856.
- Baker, H.G.** 1967. The evolution of weedy taxa in the *Eupatorium microstemon* species aggregate. *Taxon* 16: 293–300.
- Baker, J.G.** 1884. Compositae III. Mutisieae. Pp. 339–398 in: Martius, C.F.P. (ed.), *Flora Brasiliensis*, vol. 6(3). Munich.
- Balasingh, J., Isaac, S.S. & Subbaraj, R.** 1993. Tent-roosting by the frugivorous bat *Cynopterus sphinx* (Vahl-1797) in Southern India. *Current Science* 65: 418–418.
- Balasingh, J., Koilraj, J. & Kunz, T.H.** 1995. Tent construction by the Short-Nosed Fruit Bat *Cynopterus sphinx* (Chiroptera, Pteropodidae) in Southern India. *Ethology* 100: 210–229.
- Baldwin, B.G.** 1992. Phylogenetic utility of the internal transcribed spacers of nuclear ribosomal DNA in plants: an example from the Compositae. *Molecular Phylogenetics and Evolution* 1: 3–16.
- Baldwin, B.G.** 1996. Phylogenetics of the California tarweeds and the Hawaiian silversword alliance (Madiinae; Heliantheae sensu lato). Pp. 377–391 in: Hind, D.J.N. & Beentje, H.J. (eds.), *Proceedings of the International Compositae Conference*, Kew,

- 1994, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Baldwin, B.G.** 1998. Evolution in the endemic Hawaiian Compositae. Pp. 49–73 in: Stuessy, T.F. & Ono, M. (eds.), *Evolution and Speciation of Island Plants*. Cambridge University Press, Cambridge.
- Baldwin, B.G.** 1999. *Constancea*, a new genus for *Eriophyllum nevinii*. *Madroño* 46: 159–160.
- Baldwin, B.G.** 1999. New combinations in Californian *Arnica* and *Monolopia*. *Novon* 9: 460–461.
- Baldwin, B.G.** 2003. A phylogenetic perspective on the origin and evolution of Madiinae. Pp. 193–228 in: Carlquist, S., Baldwin, B.G. & Carr, G.D. (eds.), *Tarweeds and Silverswords: Evolution of the Madiinae (Asteraceae)*. Missouri Botanical Garden Press, St. Louis.
- Baldwin, B.G.** 2003. Characteristics and diversity of Madiinae. Pp. 17–52 in: Carlquist, S., Baldwin, B.G. & Carr, G.D. (eds.), *Tarweeds & Silverswords: Evolution of the Madiinae (Asteraceae)*. Missouri Botanical Garden Press, St. Louis.
- Baldwin, B.G.** 2007. Adaptive radiation of shrubby tarweeds (*Deinandra*) in the California Islands parallels diversification of the Hawaiian silversword alliance (Compositae–Madiinae). *American Journal of Botany* 94: 237–248.
- Baldwin, B.G., Crawford, D.J., Francisco-Ortega, J., Kim, S.-C., Sang, T. & Stuessy, T.F.** 1998. Molecular phylogenetic insights on the origin and evolution of oceanic island plants. Pp. 410–441 in: Soltis, D.E., Soltis, P.S. & Doyle, J.J. (eds.), *Molecular Systematics of Plants II: DNA Sequencing*. Kluwer Academic Publishers, Boston.
- Baldwin, B.G., Kyhos, D.W., Dvorak, J. & Carr, G.D.** 1991. Chloroplast DNA evidence for a North American origin of the Hawaiian silversword alliance (Asteraceae: Madiinae). *Proceedings of the National Academy of Sciences of the United States of America* 88: 1840–1843.
- Baldwin, B.G. & Panero, J.L.** 2007 [2006]. Madieae. Pp. 492–507 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Baldwin, B.G. & Sanderson, M.J.** 1998. Age and rate of diversification of the Hawaiian silversword alliance (Compositae). *Proceedings of the National Academy of Sciences of the United States of America* 95: 9402–9406.
- Baldwin, B.G. & Wessa, B.L.** 2000. Origin and relationships of the tarweed–silversword lineage (Compositae–Madiinae). *American Journal of Botany* 87: 1890–1908.
- Baldwin, B.G. & Wessa, B.L.** 2000. Phylogenetic placement of *Pelucha* and new subtribes in Helenieae sensu stricto (Compositae). *Systematic Botany* 25: 522–538.
- Baldwin, B.G., Wessa, B.L. & Panero, J.L.** 2002. Nuclear rDNA evidence for major lineages of helenioid Heliantheae (Compositae). *Systematic Botany* 27: 161–198.
- Barbosa, L.C.A., Paula, V.F., Azevedo, A.S., Silva, E.A.M. & Nascimento, E.A.** 2005. Essential oil composition from some plant parts of *Conyza bonariensis* (L.) Cronquist. *Flavour and Fragrance Journal* 20: 39–41.
- Barclay, H.S. & Earle, F.R.** 1965. The search for new industrial crops, V: The South African Calenduleae (Compositae) as a source of new oil seeds. *Economic Botany* 19: 33–43.
- Bardon, A., Montanaro, S., Catalán, C.A.N., Díaz, J.G. & Herz, W.** 1993. Piptocarphols and other constituents of *Chrysolaena verbascifolia* and *Lessingianthus rubricaulis*. *Phytochemistry* 34: 253–259.
- Barker, J. & The Australian Daisy Study Group.** 2002. *Everlasting Daisies of Australia: Identification, Propagation, Cultivation*. C.H. Jerram & Associates in association with R.G. & R.J. Richardson, Meredith.
- Barker, M.S., Kane, N.C., Matvienko, M., Kozik, A., Michelmore, R.W., Knapp, S.J. & Rieseberg, L.H.** 2008. Multiple paleopolyploidizations during the evolution of the Compositae reveal parallel patterns of duplicate gene retention after millions of years. *Molecular Biology and Evolution* 25: 2445–2455.
- Barker, N.P.** 2005. A review and survey of basicarpy, geocarpy and amphicarpy in the African and Madagascan flora. *Annals of the Missouri Botanical Garden* 92: 445–462.
- Barkley, T.M. & Janovec, J.P.** 1996. *Robinsonecio* (Asteraceae: Senecioneae), a new genus from Mexico and Guatemala. *Sida* 17: 77–81.
- Barkley, T.M.** 1978. *Senecio*. Pp. 50–139 in: *North American Flora*, series 2, vol. 10. New York Botanical Garden, New York.
- Barkley, T.M.** 1988. Variation among the Aureoid Senecios of North America: a geohistorical interpretation. *Botanical Review* 54: 82–106.
- Barkley, T.M.** 1990. A geo-historical perspective on the distribution and variation in *Senecio* s.l. (Asteraceae, Senecioneae) in Mexico and C. America. *Plant Systematics and Evolution, Supplementum* 4: 113–119.
- Barkley, T.M.** 1992. In memoriam: Arthur Cronquist: an appreciation. *Bulletin of the Torrey Botanical Club* 119: 458–463.
- Barkley, T.M.** 1993. Arthur Cronquist (1919–1992). *Taxon* 42: 480–488.
- Barkley, T.M.** 1999. The segregates of *Senecio* s.l. and *Cacalia* s.l. in the flora of North America north of Mexico. *Sida* 18: 661–672.
- Barkley, T.M., Brouillet, L. & Strother, J.L.** 2006. Vernoniaeae. Pp. 200–213 in: Flora of North America Editorial Committee (eds.), *Flora of North America*, vol. 19. Flora of North America Association, New York and Oxford.
- Barneby, R.** 1977. William H. Shockley: an early day mining engineer and exceptional plant collector. *Mentzelia* 3: 19.
- Barreda, V., Palazzesi, L. & Tellería, M.C.** 2008. Fossil pollen grains of Asteraceae from the Miocene of Patagonia: Nassauviinae affinity. *Review of Palaeobotany and Palynology* 151: 51–58.
- Barreda, V.D.** 1993. Late Oligocene?–Miocene pollen of the families Compositae, Malvaceae and Polygonaceae from the Chenque Formation, Golfo San Jorge basin, southeastern Argentina. *Palynology* 17: 169–186.
- Barreda, V.D.** 1997. Palinoestratigrafía de la Formación San Julián en el área de Playa La Mina (Provincia de Santa Cruz), Oligoceno de la Cuenca Austral. *Ameghiniana* 34: 283–294.
- Barrett, S.C.H., Harder, L.D. & Worley, A.C.** 1997. The comparative biology of pollination and mating in flowering plants. Pp. 57–76 in: Silvertown, J., Franco, M. & Harper, J.L. (eds.), *Plant Life Histories: Ecology, Phylogeny, and Evolution*. Cambridge University Press, Cambridge.
- Barrier, M., Baldwin, B.G., Robichaux, R.H. & Purugganan, M.D.** 1999. Interspecific hybrid ancestry of a plant adaptive radiation: allopolyploidy of the Hawaiian silversword alliance (Asteraceae) inferred from floral homeotic gene duplications. *Molecular Phylogenetics and Evolution* 16: 1105–1113.
- Barrier, M., Robichaux, R.H. & Purugganan, M.D.** 2001. Accelerated regulatory gene evolution in an adaptive radiation. *Proceedings of the National Academy of Sciences of the United States of America* 98: 10208–10213.
- Barriera, G., Savolainen, V. & Spichiger, R.** 2007 [2006]. Phellinaceae. Pp. 608–610 in: Kadereit, J.W. & Jeffrey, C.

- (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Barth, O.M. & Fernandes Pinto da Luz, C.** 1998. Melisso-palynological data obtained from a mangrove area near to Rio de Janeiro, Brazil. *Journal of Apicultural Research* 37: 155–163.
- Baskin, J.M. & Baskin, C.C.** 1976. Germination dimorphism in *Heterotheca subaxillaris* var. *subaxillaris*. *Bulletin of the Torrey Botanical Club* 103: 201–206.
- Baye, T. & Becker, H.C.** 2004. Natural outcrossing rate in *Vernonia galamensis*. *Plant Breeding* 123: 398–399.
- Baye, T. & Becker, H.C.** 2005. Exploration of *Vernonia galamensis* in Ethiopia, and variation in fatty acid composition of seed oil. *Genetic Resources and Crop Evolution* 52: 805–811.
- Bayer, R.J.** 1990. A phylogenetic reconstruction of *Antennaria* Gaertner (Asteraceae: Inuleae). *Canadian Journal of Botany* 68: 1389–1397.
- Bayer, R.J.** 1993. A taxonomic revision of the genus *Antennaria* (Asteraceae: Inuleae: Gnaphaliinae) of Alaska and Yukon Territory, northwestern North America. *Arctic and Alpine Research* 25: 150–159.
- Bayer, R.J.** 2001. *Xerochrysum* Tzvelev, a pre-existing generic name for *Bracteantha* Anderb. & Haegi (Asteraceae: Gnaphaliaceae). *Kew Bulletin* 56: 1013–1015.
- Bayer, R.J., Breitweiser, I., Ward, J.M. & Puttock, C.F.** 2007 [2006]. Gnaphaliaceae. Pp. 246–284 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Bayer, R.J. & Cross, E.W.** 2002. A reassessment of tribal affinities of the enigmatic genera *Printzia* and *Isoetopsis* (Asteraceae), based on three chloroplast sequences. *Australian Journal of Botany* 50: 677–686.
- Bayer, R.J. & Cross, E.W.** 2003. A reassessment of tribal affinities of *Cratystylis* and *Haegiella* (Asteraceae) based on three chloroplast DNA sequences. *Plant Systematics and Evolution* 236: 207–220.
- Bayer, R.J., Greber, D.G. & Bagnal, N.H.** 2002. Phylogeny of Australian Gnaphaliaceae (Asteraceae) based on chloroplast and nuclear sequences, the *trnL* intron, *trnL/trnF* intergenic spacer, *matK*, and ETS. *Systematic Botany* 27: 801–814.
- Bayer, R.J. & Minish, T.M.** 1993. Isozyme variation, ecology and phytogeography of *Antennaria soliceps* (Asteraceae: Inuleae), a geographically restricted alpine apomict from the Spring Mountains, Nevada. *Madroño* 40: 75–89.
- Bayer, R.J., Puttock, C.F. & Kelchner, S.A.** 2000. Phylogeny of South African Gnaphaliaceae (Asteraceae) based on two non-coding chloroplast sequences. *American Journal of Botany* 87: 259–272.
- Bayer, R.J., Soltis, D.E. & Soltis, P.S.** 1996. Phylogenetic inferences in *Antennaria* (Asteraceae: Inuleae: Gnaphaliinae) based on sequences from the nuclear ribosomal DNA internal transcribed spacers (ITS). *American Journal of Botany* 83: 516–527.
- Bayer, R.J. & Starr, J.R.** 1998. Tribal phylogeny of the Asteraceae based on two non-coding chloroplast sequences, the *trnL* intron and *trnL/trnF* intergenic spacer. *Annals of the Missouri Botanical Garden* 85: 242–256.
- Bayer, R.J. & Stebbins, G.L.** 1982. A revised classification of *Antennaria* (Asteraceae: Inuleae) of the eastern United States. *Systematic Botany* 7: 300–313.
- Bayer, R.J. & Stebbins, G.L.** 1987. Chromosome numbers, patterns of distribution, and apomixis in *Antennaria* (Asteraceae: Inuleae). *Systematic Botany* 12: 305–319.
- Bayer, R.J. & Stebbins, G.L.** 1993. A synopsis with keys for the genus *Antennaria* (Asteraceae: Inuleae: Gnaphaliinae) for North America. *Canadian Journal of Botany* 71: 1589–1604.
- Bazon, J.N., Lopes, J.L.C., Vichnewski, W., Dias, D.A., Nagamiti, K., Cunha, W.R. & Herz, W.** 1997. Cadinanolides and other constituents from *Vernonia fruticulosa* and *Vernonanthura discolor*. *Phytochemistry* 44: 1535–1536.
- Beatley, J.C.** 1976. *Vascular Plants of the Nevada Test Site and Central-southern Nevada: Ecologic and Geographic Distributions*. [Division of Biomedical and Environmental Research, Energy Research and Development Administration, Oak Ridge, Tennessee.] Technical Information Center, Springfield.
- Beauverd, G.** 1915. Contribution à l'étude des Composées (suite X). *Bulletin de la Société Botanique de Genève*, série 2, 7: 21–56.
- Beck, J.B., Al-Shehbaz, A. & Schaal, B.A.** 2006. *Leavenworthia* (Brassicaceae) revisited: testing classic systematic and mating system hypotheses. *Systematic Botany* 31: 151–159.
- Beck, J.B., Nesom, G.L., Calie, P.J., Baird, G.I., Small, R.L. & Schilling, E.E.** 2004. Is subtribe Solidagininae (Asteraceae) monophyletic? *Taxon* 53: 691–698.
- Becker, A.** 1932. Pollichia und Hambach. *Pfälzisches Museum/Pfälzische Heimatkunde* 49(3/6): 171–172.
- Beckett, K. (ed.)**. 1993. *Alpine Garden Society Encyclopaedia of Alpines*. AGS Publications, Pershore.
- Beentje, H.** 1994. *Kenya Trees, Shrubs and Lianas*. National Museum of Kenya, Nairobi.
- Beentje, H.J.** 1999. The genus *Tarchonanthus* (Compositae-Mutisieae). *Kew Bulletin* 54: 81–95.
- Beentje, H.J.** 2000. The genus *Brachylaena* (Compositae-Mutisieae). *Kew Bulletin* 55: 1–41.
- Beentje, H.J.** 2002. Compositae 2. Pp. 1–546 in: Beentje, H.J. (ed.), *Flora of Tropical East Africa*. Balkema, Rotterdam.
- Beliaeva, T.M. & Boyko, E.V.** 1980. Morfološko-anatomičesko strojenje semjanok pal'nevostic'ih *Lactuca* s.l. (Asteraceae) v svjaz s ih sistematičoj. *Botanicheskii Zhurnal* 65: 409–413.
- Beltran, H. & Granda, A.** 2003. New records to the Compositae flora of Peru. *Compositae Newsletter* 39: 19–26.
- Bender, M.H., Baskin, J.M. & Baskin, C.C.** 2003. Seed germination ecology of *Polymnia canadensis* (Asteraceae), a monocratic species of the North American temperate deciduous forest. *Plant Ecology* 168: 221–253.
- Benedí i González, C.** 1987. *Revisió Biosistemàtica del Gènere Anthemis L. a la Península Ibèrica i les Illes Balears*. Ph.D. Thesis, Universitat de Barcelona, Barcelona.
- Benedí i González, C. & Molero i Briones, J.** 1985. Carpológia del gènere *Anthemis* L. en la Península Ibèrica e Islas Baleares. *Collectanea Botanica (Barcelona)* 16: 77–87.
- Beneke, K., Teichman, I. von, Van Rooyen, M.W. & Theron, G.K.** 1992. Fruit polymorphism in ephemeral species of Namaqualand. I. Anatomical differences between polymorphic diaspores of two *Dimorphotheca* species. II. Anatomical differences between polymorphic diaspores of *Arctotis fastuosa* and *Ursinia cakilefolia*. *South African Journal of Botany* 58: 448–455, 456–460.
- Bentham, G.** 1863–1878. *Flora Australiensis*, 7 vols. Reeve, London.
- Bentham, G.** 1873. Compositae. Pp. 163–533 in: Bentham, G. & Hooker, J.D. (eds.), *Genera Plantarum*, vol. 2(1). Reeve, London.
- Bentham, G.** 1873. Notes on the classification, history and geographical distribution of Compositae. *Journal of the Linnean Society, Botany* 13: 335–577.
- Berendsohn, W.G., Jakupovic, J. & Zdero, C.** 1998. Natural substances in the Compositae: the Bohlmann files. <http://www.bgbm.org/BioDivInf/projects/bohlmannfiles/>.
- Bergqvist, G., Bremer, B. & Bremer, K.** 1995. Chloroplast

- DNA variation and the tribal position of *Eremothamnus* (Asteraceae). *Taxon* 44: 341–350.
- Berkhey, J. Le Francq van.** 1760. *Expositio Characteristica Structurae Florum qui Dicuntur Compositi*. Van der Eyk, Leiden.
- Berkhey, J. Le Francq van.** 1769–1778. *Natuurlijke Historie van Holland*, 7 vols. Yntema & Tieboel, Amsterdam.
- Bernard, R.B. & Toft, C.A.** 2007. Effect of seed size on seedling performance in a long-lived desert perennial shrub (*Eriocameria nauseosa*: Asteraceae). *International Journal of Plant Sciences* 168: 1027–1033.
- Bernardello, G., Anderson, G.J., Stuessy, T.F. & Crawford, D.J.** 2001. A survey of floral traits, breeding systems, floral visitors, and pollination systems of the angiosperms of the Juan Fernandez Islands (Chile). *The Botanical Review* 67: 255–308.
- Bernardello, G., Anderson, G.J., Stuessy, T.F. & Crawford, D.J.** 2006. The angiosperm flora of the Archipelago Juan Fernández (Chile): origin and dispersal. *Canadian Journal of Botany* 84: 1266–1281.
- Bernardello, L.M.** 1986. Números cromosómicos en Asteraceae de Córdoba. *Darwiniana* 27: 169–178.
- Bernasconi, P. & Taiz, L.** 2002. Sébastien Vaillant's 1717 lecture on the structure and function of flowers. *Huntia* 11: 97–128.
- Bessey, C.E.** 1915. The phylogenetic taxonomy of flowering plants. *Annals of the Missouri Botanical Garden* 2: 109–164.
- Beuzenberg, E.J. & Hair, J.B.** 1984. Contributions to a chromosome atlas of the New Zealand flora – 27: Compositae. *New Zealand Journal of Botany* 22: 353–356.
- Bhandari, M.M. & Singhir, D.H.** 1977. In: Löve, A., IOBP chromosome number reports LV. *Taxon* 26: 107.
- Bhardwaj, H.L., Hamama, A.A. & Dierig, D.A.** 2007. Fatty acids in *Vernonia* produced in the Mid-Atlantic region of the United States. *Journal of the American Oil Chemists Society* 84: 393–397.
- Bhardwaj, H.L., Hamama, A.A., Rangappa, M. & Dierig, D.A.** 2000. *Vernonia* oilseed production in the Mid-Atlantic region of the United States. *Industrial Crops and Products* 12: 119–124.
- Bhat, R.B., Welch, B.L., Weber, D.J. & McArthur, E.D.** 1989. Winter nutritive value of *Chrysothamnus nauseosus* subspecies. *Journal of Range Management* 43: 177–179.
- Biernier, M.W.** 1989. Generic delimitation and relationships in subtribe Gaillardiiinae (Asteraceae). *American Journal of Botany* 76 (suppl.): 228.
- Biernier, M.W.** 1990. Present status of *Amblyolepis* (Asteraceae: Heliantheae). *Madroño* 37: 133–140.
- Biernier, M.W. & Jansen, R.K.** 1998. Systematic implications of DNA restriction site variation in *Hymenoxys* and *Tetaneuris* (Asteraceae, Helenieae, Gaillardiiinae). *Lundellia* 1: 17–26.
- Bininda-Emonds, O.R.P., Jones, K.E., Price, S.A., Grenyer, R., Cardillo, M., Habib, M., Purvis, A. & Gittleman, J.L.** 2003. Supertrees are a necessary not-so-evil: a comment on Gatesy & al. *Systematic Biology* 52: 724–729.
- Bischoff, T.A., Kelley, C.J., Karchesy, Y., Laurantos, M., Nguyen-Dinh, P. & Ghafoor Arefi, A.** 2004. Antimalaria activity of Lactucin and Lactucopicrin: sesquiterpene lactones isolated from *Cichorium intybus* L. *Journal of Ethnopharmacology* 95: 455–457.
- Bittmann, M.** 1990. Die Gattung *Adenocaulon* (Compositae): I. Morphologie. *Candollea* 45: 389–420.
- Bittmann, M.** 1990. Die Gattung *Adenocaulon* (Compositae): II. Ökologie, Verbreitung und Systematik. *Candollea* 45: 493–518.
- Bixby, P.J. & Levin, D.A.** 1996. Breeding system changes in *Phlox* through artificial selection. *Evolution* 50: 892–899.
- Blackmore, S.** 1976. *Palynology and Systematics of Tribe Cichorieae, Family Compositae*. Ph.D. Thesis, University of Reading, Reading.
- Blackmore, S.** 1981. Palynology and intergeneric relationships in subtribe Hyoseridinae (Compositae: Lactuceae). *Botanical Journal of the Linnean Society* 82: 1–13.
- Blackmore, S.** 1982. A functional interpretation of Lactuceae (Compositae) pollen. *Plant Systematics and Evolution* 141: 153–168.
- Blackmore, S.** 1982. Palynology of subtribe Scorzonerinae (Compositae: Lactuceae) and its taxonomic significance. *Grana* 21: 149–160.
- Blackmore, S.** 1982. The apertures of Lactuceae (Compositae) pollen. *Pollen and Spores* 24: 453–462.
- Blackmore, S.** 1984. Compositae-Lactuceae. Pp. 45–86 (Families 29–37) in: Clarke, G.C.S. & Punt, W. (eds.), *The Northwest European Pollen Flora*. Elsevier, Amsterdam.
- Blackmore, S.** 1984. The Northwest European pollen flora 32. Compositae – Lactuceae. *Review of Palaeobotany and Palynology* 42: 45–85.
- Blackmore, S.** 1986. The identification and taxonomic significance of lophate pollen in the Compositae. *Canadian Journal of Botany* 64: 3101–3112.
- Blackmore, S.** 1986. The identification and taxonomic significance of lophate pollen in the Compositae. *Canadian Journal of Botany* 64: 3101–3112.
- Blackmore, S. & Barnes, S.H.** 1986. Freeze fracture and cytoplasmic maceration of pollen grains. *Grana* 25: 41–45.
- Blackmore, S. & Persson, V.** 1996. Palynology and systematics of the Crepidinae (Compositae: Lactuceae). Pp. 111–122 in: Hind, D.J.N. & Beenthe, H.J. (ed.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Blackmore, S., Van Campo, E. & Crane, P.R.** 1986. Lophate Compositae pollen from the Miocene and Pliocene of the Mediterranean region. *Pollen et Spores* 28: 391–402.
- Blackmore, S., Van Helvoort, H. & Punt, W.** 1984. On the terminology, origins and functions of caveate pollen in the Compositae. *Review of Palaeobotany and Palynology* 43: 293–301.
- Blackmore, S., Wortley, A.H., Skvarla, J.J. & Rowley, J.R.** 2007. Pollen wall development in flowering plants. *New Phytologist* 174: 483–498.
- Blake, S.F.** 1923. Two new genera related to *Narvalina*. *Journal of the Washington Academy of Science* 13: 102–105.
- Blake, S.F.** 1924. *Hemibaccharis*, a new genus of Baccharidinae. *Contributions of the National U.S. Herbarium* 20: 543–554.
- Blake, S.F.** 1926. Compositae. Pp. 1401–1432, 1470–1620, 1636–1641, in Standley, P.C., *Trees and shrubs of Mexico*. *Contributions from the United States National Herbarium* 23: 1313–1721.
- Blake, S.F.** 1928. Review of the genus *Diplostephium*. *American Journal of Botany* 15: 43–64.
- Blake, S.F.** 1935. The genus *Chionopappus* of Bentham (Asteraceae). *Journal of the Washington Academy of Sciences* 25: 488–493.
- Blake, S.F.** 1938. *Raouliopsis* (Asteraceae), a new genus of “vegetable sheep” from the high páramos of Colombia. *Journal of the Washington Academy of Sciences* 28: 172–177.
- Blake, S.F.** 1954. *Guide to Popular Floras of the United States and Alaska*. Biographical Bulletin 23. U.S. Department of Agriculture, Washington, D.C.
- Blake, S.F. & Atwood, A.C.** 1942 & 1961. *Geographical Guide to Floras of the World*, 2 vols. Miscellaneous Publications 401 and 797. U.S. Department of Agriculture, Washington, D.C.

- Blanca, G. & Díaz de la Guardia, C.** 1997. Fruit morphology in *Tragopogon* L. (Compositae: Lactuceae) from the Iberian Peninsula. *Botanical Journal of the Linnean Society* 125: 319–329.
- Blumenthal, M. (ed.)**. 1998. *The Complete German Commission E Monographs*. American Botanical Council, Austin.
- Bobrov, E.G. & Tzvelev, N.N.** 1964. *Flora USSR* 29. Moskva & Leningrad [English translation: Science Publishers, Enfield, 2000].
- Boerhave, H.** 1727. Praefatio/Preface. Pp. ix–xxxv in: Vaillant, S., *Botanicon Parisiense ou Dénombrement par Ordre Alphabétique des Plantes, qui se Trouvent aux Environs de Paris*. Verbeek, Leiden & Amsterdam.
- Bohlmann, F.** 1990. Chemistry of the Heliantheae (Compositae). Pp. 67–75 in: Mabry, T.J. & Wagenitz, G., *Research Advances in the Compositae*. Springer, Vienna.
- Bohlmann, F., Burkhart, T. & Zdero, C.** 1973. *Naturally Occuring Acetylenes*. Academic Press, London.
- Bohlmann, F. & Grenz, M.** 1975. Neue Sesquiterpenlactone aus *Athanasia*-Arten. *Chemische Berichte* 108: 357–361.
- Bohlmann, F. & Jakupovic, J.** 1990. Progress in the chemistry of the Vernoniae (Compositae). *Plant Systematics and Evolution, Supplementum* 4: 3–43.
- Bohlmann, F., Jakupovic, J., Gupta, R.K., King, R.M. & Robinson, H.** 1981. Naturally-occurring terpene derivatives. 296. Allenic germacranolides, bourbonene derived lactones and other constituents from *Vernonia* species. *Phytochemistry* 20: 473–480.
- Bohlmann, F. & Rao, N.** 1972. Neue Furanesquiterpene aus *Athanasia*-Arten. *Tetrahedron Letters* 1972: 1295–1296.
- Bohlmann, F., Singh, P., King, R.M. & Robinson, H.** 1982. New guaianolides from *Pseudostiffia kingii*. *Phytochemistry* 21: 1171–1172.
- Bohlmann, F. & Swwita, A.** 1979. Ein neues Bisabolen-Derivat und ein neues Kaffeesäure-Derivat aus *Tarhonianthus trilobus*. *Phytochemistry* 18: 677–678.
- Bohlmann, F. & Zdero, C.** 1972. Ein neues Furanesquiterpen aus *Phymaspermum parvifolium*. *Tetrahedron Letters* 1972: 851–852.
- Bohlmann, F. & Zdero, C.** 1972. Zwei neue Sesquiterpenlactone aus *Lidbeckia pectinata* Berg. und *Pentzia elegans* DC. *Tetrahedron Letters* 1972: 621–624.
- Bohlmann, F. & Zdero, C.** 1974. Neue Acetylverbindungen aus südafrikanischen Vertretern der Tribus Anthemideae. *Chemische Berichte* 107: 1044–1048.
- Bohlmann, F. & Zdero, C.** 1977. Ein neues Guajanolid aus *Matricaria zuubergensis*. *Phytochemistry* 16: 136–137.
- Bohlmann, F. & Zdero, C.** 1977. Neue Germacrolide aus *Platycarpha glomerata*. *Phytochemistry* 16: 1832–1835.
- Bohlmann, F. & Zdero, C.** 1977. Über Inhaltsstoffe der Tribus Mutisieae. *Phytochemistry* 16: 239–242.
- Bohlmann, F. & Zdero, C.** 1978. Diterpenes with a new carbon skeleton from *Printzia laxa*. *Phytochemistry* 17: 487–489.
- Bohlmann, F. & Zdero, C.** 1978. New furanesquiterpenes from *Eumorphia* species. *Phytochemistry* 17: 1155–1159.
- Bohlmann, F. & Zdero, C.** 1978. New sesquiterpenes and acetylenes from *Athanasia* and *Pentzia* species. *Phytochemistry* 17: 1595–1599.
- Bohlmann, F. & Zdero, C.** 1982. Chemotaxonomy of the genus *Pleiotaxis*. *Phytochemistry* 21: 1434–1435.
- Bohlmann, F. & Zdero, C.** 1982. Sesquiterpene lactones from *Inezia integrifolia*. *Phytochemistry* 21: 2743–2745.
- Bohlmann, F., Zdero, C., King, R.M. & Robinson, H.** 1980. Naturally-occurring terpene derivatives. 289. Seven guaianolides from the Tribe Vernoniae. *Phytochemistry* 19: 2669–2673.
- Bohm, B.A.** 1998. *Introduction to Flavonoids*. Harwood Academic Publishers, Amsterdam.
- Bohm, B.A., Herring, A., Nicholls, K.W., Bohm, L.R. & Ornduff, R.** 1989. A six-year study of flavonoid distribution in a population of *Lasthenia californica* (Asteraceae). *American Journal of Botany* 76: 157–162.
- Bohm, B.A., Reid, A., DeVore, M. & Stuessy, T.F.** 1995. Flavonoid chemistry of Calyceraceae. *Canadian Journal of Botany* 73: 1962–1965.
- Bohm, B.A. & Stuessy, T.F.** 1995. Flavonoid chemistry of Barnadesioideae (Asteraceae). *Systematic Botany* 20: 22–27.
- Bohm, B.A. & Stuessy, T.F.** 2001. *Flavonoids of the Sunflower Family (Asteraceae)*. Springer, Wien and New York.
- Boissier, P.E.** 1839. *Voyage Botanique dans le Midi de l'Espagne Pendant l'Annee 1837*. Gide et Cie, Paris.
- Boissier, P.E.** 1875. *Flora Orientalis*, vol. 3. H. Georg, Genève, Basel & Lyon.
- Bolick, K.** 1978. Taxonomic, evolutionary, and functional considerations of Compositae pollen ultrastructure and sculpture. *Plant Systematics and Evolution* 130: 209–218.
- Bolick, M.R.** 1978. *A Light and Electron Microscope Study of the Vernoniae (Compositae)*. Ph.D. Thesis, University of Texas at Austin.
- Bolick, M.R.** 1978. Taxonomic, evolutionary, and functional considerations of Compositae pollen ultrastructure and sculpture. *Plant Systematics and Evolution* 130: 209–218.
- Bolick, M.R.** 1991. Pollen diameter, exine thickness, and ultrastructure type in the tribes of the Compositae. *Compositae Newsletter* 19: 17–21.
- Bolick, M.R. & Keeley, S.C.** 1994. Pollen morphology and classification of the Vernoniae (Compositae). *Acta Botanica Gallica* 141: 279–284.
- Bond, P.** 1987. A revision of *Oldenburgia* (Compositae-Mutisieae). *South African Journal of Botany* 53: 493–500.
- Bond, W.J. & Slingsby, P.** 1983. Seed dispersal by ants in shrublands of the Cape Province and its evolutionary implications. *South African Journal of Science* 79: 231–233.
- Bonifacino, J.M.** 2005. *Nardophyllum cabreriae* (Asteraceae: Astereae), a new species from Argentina and new taxonomic changes involving *Nardophyllum* Hook. et Arn. *Taxon* 54: 688–692.
- Bonifacino, J.M. & Sancho, G.** 2001. Reevaluation of *Aylacophora* and *Palaepappus* (Asteraceae: Astereae). *Sida* 19: 531–538.
- Bonifacino, J.M. & Sancho, G.** 2004. *Guynesomia* (Asteraceae: Astereae), a new genus from central Chile. *Taxon* 53: 673–678.
- Bonsi, M.L.K., Osuji, P.O. & Tuah, A.K.** 1995. Effect of supplementing teff straw with different levels of *Leucaena* or *Sesbania* leaves on the degradabilities of teff straw, *Sesbania*, *Leucaena*, *Tagasaste* and *Vernonia* and on certain rumen and blood metabolites in Ethiopian Menz sheep. *Animal Feed Science and Technology* 52: 101–129.
- Bonsi, M.L.K., Osuji, P.O., Tuah, A.K. & Umanna, N.N.** 1995. *Vernonia amygdalina* as a supplement to teff straw (*Eragrostis tef*) fed to Ethiopian Menz sheep. *Agroforestry Systems* 31: 229–241.
- Boppré, M.** 1986. Insects pharmacophagously utilizing defensive plant chemicals (pyrrolizidine alkaloids). *Naturwissenschaften* 73: 17–26.
- Borella, J.C., Callegari Lopes, J.L., Leitão, H.D., Semir, J., Díaz, J.G. & Herz, W.** 1992. Eudesmanolides and

- 15-Deoxygoyazensolide from *Lychnophora pseudovillosissima*. *Phytochemistry* 31: 692–695.
- Borella, J.C., Lopes, J.L. C., Vichnewski, W., Cunha, W.R. & Herz, W.** 1998. Sesquiterpene lactones, triterpenes and flavones from *Lychnophora ericoides* and *Lychnophora pseudovillosissima*. *Biochemical Systematics and Ecology* 26: 671–676.
- Borgen, L.** 1972. Embryology and achene morphology in endemic Canarian species of *Chrysanthemum* (L.) Hoff. subgenus *Argyranthemum* (Webb) Harling (Asteraceae). *Norwegian Journal of Botany* 19: 149–170.
- Borgen, L.** 1976. Analysis of a hybrid swarm between *Argyranthemum adactum* and *A. filifolium* in the Canary Islands. *Norwegian Journal of Botany* 23: 121–127.
- Borgen, L.** 1984. Biosystematics of Macaronesian flowering plants. Pp. 477–496 in: Grant, W.F. (ed.), *Plant Biosystematics*. Academic Press, Orlando.
- Borhidi, A.** 1992. New names and new species in the flora of Cuba and Antilles, IV. *Acta Botanica Hungarica* 37: 75–90.
- Borin, M.R. de M.B. & Gottlieb, O.R.** 1993. Steroids, taxonomic markers? *Plant Systematics and Evolution* 184: 41–76.
- Borkosky, S., Bardon, A., Catálan, C.A.N., Díaz, J.G. & Herz, W.** 1997. Glaucolides, hirsutinolides and other sesquiterpene lactones from *Vernonanthura pinguis*. *Phytochemistry* 44: 465–470.
- Borkosky, S., Bardon, A., Catálan, C.A.N., Gedris, T.E. & Herz, W.** 2003. A piptocarphin and other constituents of *Lepidaploa myriocephala*. *Biochemical Systematics and Ecology* 31: 107–109.
- Borkosky, S., Vales, D.A., Bardon, A., Díaz, J.G. & Herz, W.** 1996. Sesquiterpene lactones and other constituents of *Eirmocephala megaphylla* and *Cyrtocymura cincta*. *Phytochemistry* 42: 1637–1639.
- Born, J., Linder, H.P. & Desmet, P.** 2007. The Greater Cape floristic region. *Journal of Biogeography* 34: 147–162.
- Boulos, L. & Nabil el-Hadidi, M.** 1984. *The Weed Flora of Egypt*. American University Press, Cairo.
- Bräutigam, S. & Greuter, W.** 2007. A new treatment of *Pilosella* for the Euro-Mediterranean flora [Notulae ad floram euro-mediterraneam pertinentes 24]. *Willdenowia* 37: 123–138.
- Breitwieser, I.** 1993. Comparative leaf anatomy in New Zealand and Tasmanian *Inuleae* (Compositae). *Botanical Journal of the Linnean Society* 111: 183–209.
- Breitwieser, I., Glenny, D.S., Thorne, A. & Wagstaff, S.J.** 1999. Phylogenetic relationships in Australian Gnaphalieae (Compositae) inferred from ITS sequences. *New Zealand Journal of Botany* 37: 399–412.
- Breitwieser, I. & Sampson, F.B.** 1997. Pollen characteristics of New Zealand Gnaphalieae (Compositae) and their taxonomic significance – 1. LM and SEM. *Grana* 36: 65–79.
- Breitwieser, I. & Sampson, F.B.** 1997. Pollen characteristics of New Zealand Gnaphalieae (Compositae) and their taxonomic significance – 2. TEM. *Grana* 36: 80–95.
- Breitwieser, I. & Ward, J.M.** 1997. Transfer of *Cassinia leptophylla* to *Ozothamnus*. *New Zealand Journal of Botany* 35: 125–128.
- Breitwieser, I. & Ward, J.M.** 1998. Leaf anatomy of *Raoulia* Hook.f. (Compositae, Gnaphalieae). *Botanical Journal of the Linnean Society* 126: 217–235.
- Breitwieser, I. & Ward, J.M.** 2003. Phylogenetic relationships and character evolution in New Zealand and selected Australian Gnaphalieae (Compositae) inferred from morphological and anatomical data. *Botanical Journal of the Linnean Society* 141: 183–203.
- Breitwieser, I. & Ward, J.M.** 2005. Morphological evidence for the tribal position of *Haastia* (Asteraceae). *New Zealand Journal of Botany* 43: 767–777.
- Bremer, B., Bremer, K., Heidari, N., Olmstead, R.G., Anderberg, A.A. & Källersjö, M.** 2002. Phylogenetics of asterids based on 3 coding and 3 non-coding chloroplast DNA markers and the utility of non-coding DNA at higher taxonomic levels. *Molecular Phylogenetics and Evolution* 24: 274–301.
- Bremer, K.** 1972. The genus *Osmitopsis* (Compositae). *Botaniska Notiser* 125: 9–48.
- Bremer, K.** 1976. The genus *Relhania* (Compositae). *Opera Botanica* 40: 1–86.
- Bremer, K.** 1978. *Oreoleysera* and *Antithrixia*, new and old South African genera of the Compositae. *Botaniska Notiser* 131: 449–453.
- Bremer, K.** 1978. The genus *Leysera* (Compositae). *Botaniska Notiser* 131: 369–383.
- Bremer, K.** 1987. Tribal interrelationships of the Asteraceae. *Cladistics* 3: 210–253.
- Bremer, K.** 1988. A new corolla type from the Asteraceae–Arctotideae. *Compositae Newsletter* 15: 10–14.
- Bremer, K.** 1992. Ancestral areas—a cladistic reinterpretation of the center of origin concept. *Systematic Biology* 41: 436–445.
- Bremer, K.** 1994. *Asteraceae: Cladistics & Classification*. Timber Press, Portland.
- Bremer, K.** 1996. Major clades and grades of the Asteraceae. Pp. 1–7 in: Hind, D.J.N. & Beentje, H.J. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Bremer, K., Backlund, A., Sennblad, B., Swenson, U., Andreassen, K., Hjertson, M., Lundberg, J., Backlund, M. & Bremer, B.** 2001. A phylogenetic analysis of 100+ genera and 50+ families of euasterids based on morphological and molecular data with notes on possible higher level morphological synapomorphies. *Plant Systematics and Evolution* 229: 137–169.
- Bremer, K. & Gustafsson, M.G.H.** 1997. East Gondwana ancestry of the sunflower alliance of families. *Proceedings of the National Academy of Sciences of the United States of America* 94: 9188–9190.
- Bremer, K. & Humphries, C.J.** 1993. Generic monograph of the Asteraceae–Anthemideae. *Bulletin of the Natural History Museum London, Botany Series* 23: 71–177.
- Bremer, K. & Jansen, R.K.** 1992. A new subfamily of the Asteraceae. *Annals of the Missouri Botanical Garden* 79: 414–415.
- Brennan, A.C., Harris, S.A. & Hiscock, S.J.** 2003. The population genetics of sporophytic self-incompatibility in *Senecio squalidus* L. (Asteraceae): avoidance of mating constraints imposed by low S-allele number. *Philosophical Transactions of the Royal Society of London B* 358: 1047–1050.
- Breynius, E.J.** 1680. *Prodromus Fasciculi Rariorum Plantarum*. Published by the author, Danzig.
- Brickell, C. (ed.)** 1999. *The Royal Horticultural Society New Encyclopedia of Plants and Flowers*, ed. 3. Dorling Kindersley, London.
- Briquet, J.** 1902. Monographie des Centaurées des Alpes-Maritimes. Pp. 1–196 in: Burnat, E. (ed.), *Matériaux pour servir à l'histoire de la flore des Alpes Maritimes*. Georg, Bale and Genève.
- Briquet, J.** 1916. Carpologie comparée des Santolines et des Achilléés. *Archives des Sciences Physiques et Naturelles*, 4me période, 41: 239–242.

- Briquet, J.** 1916. Étude carpologiques sur les genres de Composées *Anthemis*, *Ormenis* et *Santolina*. *Annuaire du Conservatoire & du Jardin Botaniques de Genève* 18–19: 157–313.
- Briquet, J.** 1916. Organisation florale et carpologie de l'*Achillea fragrantissima* (Forssk.) Boiss. *Archives des Sciences Physiques et Naturelles*, 4me période, 41: 242–245.
- Briquet, J. & Cavillier, F.G.** 1916. Compositae. Pp. 1–169 in: Burnat, E. (ed.), *Flore des Alpes Maritimes*, vol. 6(1). H. Georg, Genève and Basel.
- Bristow, C.M.** 1984. The life histories of 2 species of Homoptera on Ironweed (*Vernonia* spp.) with summaries of host and geographical ranges. *Journal of the Kansas Entomological Society* 57: 632–638.
- Brooks, D.R.** 1982. Hennig's parasitological method: a proposed solution. *Systematic Zoology* 30: 229–249.
- Brooks, D.R. & McLennan, D.A.** 2002. *The Nature of Diversity: An Evolutionary Voyage of Discovery*. University of Chicago Press, Chicago and London.
- Brossard, C.C., Randall, J.M. & Hoshovsky, M.C. (eds.)**. 2000. *Invasive Plants of California's Wildlands*. University of California Press, Berkeley.
- Brouillet, L., Allen, G.A., Semple, J.C. & Ito, M.** 2001. ITS phylogeny of North American asters (Asteraceae: Astereae). Botany 2001 Meeting, Albuquerque, New Mexico Aug. 12–16. [Abstract 412].
- Brouillet, L., Lowrey, T.K., Urbatsch, L.E., Wagstaff, S.J. & Karaman, V.** 2006. The tribe Astereae. The International Compositae Alliance (TICA-Deep Achene) Meeting, Barcelona, 3–9 July 2006. [Abstract 25].
- Brouillet, L., Semple, J.C., Allen, G.A., Chambers, K. & Sundberg, S.** 2006. *Symphotrichum* Nees. Pp. 465–539 in: Flora North America Editorial Committee (eds.), *Flora of North America North of Mexico*, vol. 20, *Asteraceae*, part 2, *Astereae and Senecioneae*. Oxford University Press, New York.
- Brouillet, L., Urbatsch, L.E. & Roberts, R.P.** 2004. *Tonestus kingii* and *T. aberrans* are related to *Eurybia* and the Machaerantherinae (Asteraceae: Astereae) based on nrDNA (ITS and ETS) data: reinstatement of *Herrickia* and a new genus, *Triniteurybia*. *Sida* 21: 889–900.
- Brown, G. & Böer, B.** 2005. Terrestrial plants. Pp. 141–159 in: Al Abdessalaam, T., Al Bowardi, M., Ashley-Edmons, J. & Aspinall, S. (eds.), *The Emirates: A Natural History*. Trident Press, London.
- Brown, G. & Porembski, S.** 2000. Phytogetic hillocks and blow-outs as 'safe sites' for plants in an oil-contaminated area of northern Kuwait. *Environmental Conservation* 27: 242–249.
- Brown, L.S.R. & Gray, D.O.** 1988. 1-amino-2-propanol, a natural product from the Compositae. *Phytochemistry* 27: 1195–1197.
- Brown, R.** 1811. On the Proteaceae of Jussieu. *Transactions of the Linnean Society of London* 10: 15–26.
- Bruhl, J.J. & Quinn, C.J.** 1990. Cypselae anatomy in the 'Cotuleae' (Asteraceae-Anthemideae). *Botanical Journal of the Linnean Society* 102: 37–59.
- Bruhl, J.J. & Quinn, C.J.** 1991. Floral morphology and a reassessment of affinities in the 'Cotuleae' (Asteraceae). *Australian Systematic Botany* 4: 637–654.
- Bruhl, J.L.** 1990. Chromosome number report. *Australian Systematic Botany* 3: 759.
- Brum, K.B., Purisco, E., Lemos, R.A.A. & Riet-Correa, F.** 2002. Intoxication by *Vernonia rubricaulis* in cattle in Mato Grosso do Sul. *Pesquisa Veterinaria Brasileira* 22: 119–128.
- Brummitt, R.K.** 2000. Reports of the Committee for Spermatophyta: 49. *Taxon* 49: 261–278.
- Bruns, K. & Meiertoberens, M.** 1987. Volatile constituents of *Pteronia incana* (Compositae). *Flavour and Fragrance Journal* 2: 157–162.
- Buchholtz, A.** 1909. *Die Geschichte der Familie Lessing*, vol. 2. Druck von O. von Holten, Berlin.
- Buechler, W.** 2001. IOPB chromosome data 17. *Newsletter IOPB* 3+3: 23–24.
- Buhler, D.D. & Owen, M.D.K.** 1997. Emergence and survival of horseweed (*Conyza canadensis*). *Weed Science* 45: 98–101.
- Burbidge, N.T.** 1958. A monographic study of *Helichrysum* subgenus *Ozothamnus* (Compositae) and two related genera formerly included therein. *Australian Journal of Botany* 6: 229–284.
- Burkart, A.** 1944. Estudio del género de Compuestas "*Chaptalia*" con especial referencia a las especies argentinas. *Darwiniana* 6: 505–594.
- Burkill, H.M.** 1985. *The Useful Plants of West Tropical Africa*, ed. 2, vol. 1. Royal Botanic Gardens, Kew.
- Burman, J.** 1738–39. *Rariorum Africanarum Plantarum*. Boussière, Amsterdam.
- Burnett, W.C., Jones, S.B., Mabry, T.J. & Pandolina, W.J.** 1974. Sesquiterpene lactones—insect feeding deterrents in *Vernonia*. *Biochemical Systematics and Ecology* 2: 25–29.
- Burt, B.L.** 1977. Aspects of diversification in the capitulum. Pp. 41–60 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*. Academic Press, London.
- Butcko, V.M. & Jensen, R.J.** 2002. Evidence of tissue-specific allelopathic activity in *Euthamia graminifolia* and *Solidago canadensis* (Asteraceae). *American Midland Naturalist* 148: 253–262.
- Buzato, S., Sazima, M. & Sazima, I.** 2000. Hummingbird-pollinated floras at three Atlantic forest sites. *Biotropica* 32: 824–841.
- Byrnes, W.R., Bramble, W.C., Hutnik, R.J. & Liscinsky, S.A.** 1993. Development of a stable, low plant cover on a utility right-of-way. Pp. 167–176 in: Tillman, R. (ed.), *Proceedings of the First National Symposium on Environmental Concerns in Rights-of-Way Management*. Mississippi State University, Starkville.
- Cabrera, A.L.** 1937. Revisión del género *Chaetanthera* (Compositae). *Revista del Museo de La Plata, Sección Botánica* 2: 87–210.
- Cabrera, A.L.** 1950. Observaciones sobre los géneros *Gochnatia* y *Moquinia*. *Notas del Museo de La Plata, Botánica* 15(74): 37–48, figs. 1–4.
- Cabrera, A.L.** 1951. *Huarpea*, nuevo género de Compuestas. *Boletín de la Sociedad Argentina de Botánica* 4: 129–132.
- Cabrera, A.L.** 1951. Notas sobre compuestas de América Austral. *Darwiniana* 9: 363–386.
- Cabrera, A.L.** 1953. Compuestas peruanas nuevas o críticas. *Boletín de la Sociedad Argentina de Botánica* 5: 37–50.
- Cabrera, A.L.** 1953. Las especies del género *Pamphalea* (Compositae). *Notas del Museo de La Plata, Sección Botánica* 16: 225–237.
- Cabrera, A.L.** 1954. Compuestas sudamericanas nuevas o críticas, II. *Notas del Museo, Universidad Nacional de Eva Peron* 17(84): 71–80.
- Cabrera, A.L.** 1959. Notas sobre tipos de Compuestas Sudamericanas en herbarios Europeos. II. *Boletín de la Sociedad Argentina de Botánica* 8: 26–35.
- Cabrera, A.L.** 1959. Revisión del género *Dasyphyllum* (Compositae). *Revista del Museo de La Plata* 9: 21–100.
- Cabrera, A.L.** 1961. Compuestas Argentinas. Clave para la determinación de los géneros. *Revista del Museo Argentino de Ciencias Naturales "Bernardino Rivadavia" e Instituto Nacional de Investigación de las Ciencias Naturales: Ciencias Botánicas* 2: 291–362.

- Cabrera, A.L.** 1961. Observaciones sobre las Inuleae-Gnaphalineae (Compositae) de América del Sur. *Boletín de la Sociedad Argentina de Botánica* 9: 359–386.
- Cabrera, A.L.** 1962. Compuestas andinas nuevas. *Boletín de la Sociedad Argentina de Botánica* 10: 21–45.
- Cabrera, A.L.** 1963. Compositae. Pp. 1–443 in: Cabrera, A.L. (ed.), *Flora de la Provincia de Buenos Aires*, vol. 6. INTA, Buenos Aires.
- Cabrera, A.L.** 1965. Revisión del género *Mutisia* (Compositae). *Opera Lilloana* 13: 5–227.
- Cabrera, A.L.** 1968. Rehabilitación del género *Holocheilus* Cassini (Compositae). *Revista del Museo de La Plata, Sección Botánica* 11: 1–15.
- Cabrera, A.L.** 1969. El género *Moquinia* (Compositae). *Boletín de la Sociedad Argentina de Botánica* 11: 255–264.
- Cabrera, A.L.** 1970. *Actinoseris*, un nuevo género de Compuestas. *Boletín de la Sociedad Argentina de Botánica* 13: 45–52.
- Cabrera, A.L.** 1971. Compositae. Pp. 1–451 in: Correa, M.N. (ed.), *Flora Patagónica*, vol. 7. INTA, Buenos Aires.
- Cabrera, A.L.** 1971. Revisión del género *Gochnatia* (Compositae). *Revista del Museo de La Plata, Sección Botánica* 12: 1–160.
- Cabrera, A.L.** 1974. Compositae. Pp. 106–554 in: Burkart, A. (ed.), *Flora ilustrada de Entre Ríos*, vol. 6. INTA, Buenos Aires.
- Cabrera, A.L.** 1977. Mutisieae—systematic review. Pp. 1039–1066 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.). *The Biology and Chemistry of the Compositae*, vol. 2. Academic Press, London.
- Cabrera, A.L.** 1978. *Flora de la Provincia de Jujuy, República Argentina*, vol. 10, Compositae. INTA, Buenos Aires.
- Cabrera, A.L.** 1982. Revisión del género *Nassauvia* (Compositae). *Darwiniana* 24: 283–379.
- Cabrera, A.L.** 1996. *Adenostemma, Ageratum, Eupatorium, Gymnocoronis, Stevia, Trichogonia*. Pp. 1–349 in: Spichiger, R. & Ramella, L. (eds.), *Flora del Paraguay*, vol. 25, Compositae III. Asteroidae, Eupatorieae. Conservatoire et Jardin botaniques de la Ville de Genève, Genève.
- Cabrera, A.L.** 1998. Compositae V, Asteroideae, Inuleae, Mutisieae. Pp. 1–223 in: Spichiger, R. & Ramella, L. (eds.), *Flora del Paraguay*, vol. 27. Conservatoire et Jardin botaniques de la Ville de Genève, Genève.
- Cabrera, L.R. & Dieringer, G.** 2003. Pollen structure of *Acourtia* (Asteraceae): new findings and some taxonomic considerations. *International Journal of Plant Sciences* 164: 287–294.
- Cabrera, A.L. & Klein, R.M.** 1973. Compositae Tribo: Mutisieae. Pp. 1–124 in: Reitz, R. (ed.), *Flora Ilustrada Catarinense, I Parte, As Plantas*, Fasc. COMP. Herbário “Barbosa Rodrigues”, Itajaí.
- Cabrera, A.L. & Klein, R.M.** 1980. Compositae, 3: Tribo Vernoniaeae. Pp. 227–408 in: Reitz, R. (ed.), *Flora Ilustrada Catarinense*, part 1. Herbario “Barbosa Rodrigues”, Itajaí.
- Cabrera, A.L. & Klein, R.M.** 1989. Compositae 4. Tribo: Eupatorieae. Pp. 413–760 in: Reitz, R. (ed.), *Flora Ilustrada Catarinense, I Parte, As Plantas*, Fasc. COMP. Herbário “Barbosa Rodrigues”, Itajaí.
- Cabrera, A.L. & Willink, A.** 1973. *Biogeografía de América Latina*. Colección de Monografías Científicas OEA, Serie Biología, Monografía 13. O.E.A., Washington D.C.
- Cain, N.P.** 1997. Old field vegetation for low maintenance highway rights-of-way. Pp. 24–26 in: Williams, J.R., Goodrich, J.W., Wisniewski, J.R. & Wisniewski, J. (eds.), *Proceedings of the Sixth International Symposium on Environmental Concerns in Rights-of-Way Management*. Elsevier Science, New Orleans.
- Calabria, L.M., Emerenciano, V.P., Scotti, M.T. & Mabry, T.J.** 2007. Phylogenetic analysis of tribes of the Asteraceae based on phytochemical data. *Natural Product Communications* 3: 277–285.
- Calabria, L.M., Piacente, S., Kapusta, I., Dharmawardhane, S.F., Segarra, F.M., Pessiki, P.J. & Mabry, T.J.** 2008. Triterpene saponins from *Silphium radula*. *Phytochemistry* 69: 961–972.
- Calero, A. & Santos-Guerra, A.** 1988. Biología reproductiva de especies amenazadas en la flora canaria. *Lagascalia* 15: 661–664.
- Calero, A. & Santos-Guerra, A.** 1993. Reproductive biology of the high altitude Canarian flora. Pp. 497–502 in: Demiriz, H. & Özhatay, N. (eds.), *Proceedings of the Fifth Meeting of OPTIMA (Organization for the Phyto-Taxonomic Investigation of the Mediterranean Area)*. Istanbul Üniversitesi Fen Fakültesi, Istanbul.
- Caligari, P.D.S & Hind, D.J.N. (eds.)**. 1996. *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 2, Compositae: Biology and Utilization. Royal Botanic Gardens, Kew.
- Callan, E.J. & Kennedy, C.W.** 1995. Intercropping stokes aster: effect of shade on photosynthesis and plant morphology. *Crop Science* 35: 1110–1115.
- Cammari, M., Errico, A., Sebastiano, A. & Conicella, C.** 2004. Genetic relationships among *Aster* species by multivariate analysis of AFLP markers. *Hereditas* 140: 193–200.
- Campbell, B.M. & Van der Meulen, F.** 2004. Patterns of plant species diversity of fynbos vegetation, South Africa. *Plant Ecology* 43: 43–47.
- Candolle, A.P. de.** 1812. Observations sur les plantes Composées, ou Syngénèses, troisième mémoire: sur les Composées à corolles labiées ou Labiatiflores. *Annales du Muséum National d'Histoire Naturelle* 19: 59–72.
- Candolle, A.P. de.** 1833. Genres nouveaux à la famille des Composées ou Synantherées. Seconde decade. *Archives de Botanique* 2: 514–519.
- Candolle, A.P. de.** 1834. Compositae Wightianae. Pp. 5–27 in: Wight, R. (ed.), *Contributions to the Botany of India*. Panbury, Allen & Co., London.
- Candolle, A.P. de.** 1836–1838. *Prodromus Systematis Naturalis Regni Vegetabilis*, vols. 5–7(1). Treuttel & Würtz, Paris.
- Candolle, A.P. de.** 1836–1838. *Prodromus Systematis Naturalis Regni Vegetabilis*, vols. 5–7. Treuttel et Würtz, Paris.
- Candolle, A.P. de & Candolle, A. de (eds.)**. 1824–1873. *Prodromus Systematis Naturalis Regni Vegetabilis*, 17 vols. Treuttel & Würtz, Paris.
- Cariaga, K.A., Pruski, J.F., Oviedo, R., Anderberg, A.A., Lewis, C.E. & Francisco-Ortega, J.** 2008. Phylogeny and systematic position of *Feddea* (Asteraceae: Feddeae): a taxonomically enigmatic and critically endangered genus endemic to Cuba. *Systematic Botany* 33: 193–202.
- Carine, M.A., Russell, S.J., Santos-Guerra, A. & Francisco-Ortega, J.** 2004. Relationships of the Macaronesian and Mediterranean floras: molecular evidence for multiple colonizations into Macaronesia and back-colonization of the continent in *Convolvulus* (Convolvulaceae). *American Journal of Botany* 91: 1070–1085.
- Carlquist, S.** 1957. Anatomy of Guayana Mutisieae. *Memoirs of the New York Botanical Garden* 9: 441–475.
- Carlquist, S.** 1957. The genus *Fitchia* (Compositae). *University of California Publications in Botany* 29: 1–144.
- Carlquist, S.** 1958. Anatomy of the Guayana Mutisieae. Part II. *Memoirs of the New York Botanical Garden* 10: 157–184.
- Carlquist, S.** 1958. Wood anatomy of Heliantheae (Compositae). *Tropical Woods* 108: 1–30.

- Carlquist, S.** 1959. Studies on Madinae: anatomy, cytology, and evolutionary relationships. *Aliso* 4:171–236.
- Carlquist, S.** 1959. Wood anatomy of Helenieae (Compositae). *Tropical Woods* 111: 19–39.
- Carlquist, S.** 1961. *Comparative Plant Anatomy*. Holt, Rinehart & Winston, New York.
- Carlquist, S.** 1962. A theory of pedomorphosis in dicotyledonous woods. *Phytomorphology* 12: 30–45.
- Carlquist, S.** 1962. *Comparative Plant Anatomy*. Holt, Rinehart & Winston, New York.
- Carlquist, S.** 1962. Wood anatomy of Senecioneae (Compositae). *Aliso* 5: 123–146.
- Carlquist, S.** 1966. The biota of long-distance dispersal. II. Loss of dispersibility in Pacific Compositae. *Evolution* 20: 30–48.
- Carlquist, S.** 1966. The biota of long-distance dispersal. IV. Genetic systems in the floras of oceanic islands. *Evolution* 20: 433–455.
- Carlquist, S.** 1966. Wood anatomy of Compositae. A summary, with comments on factors controlling wood evolution. *Aliso* 6: 25–44.
- Carlquist, S.** 1974. *Island Biology*. Columbia University Press, New York.
- Carlquist, S.** 1976. Tribal interrelationships and phylogeny of the Asteraceae. *Aliso* 8: 465–492.
- Carlquist, S.** 2001. Wood anatomy of the endemic woody Asteraceae of St. Helena. I. Phyletic and ecological aspects. *Botanical Journal of the Linnean Society* 137: 197–210.
- Carlquist, S., Baldwin, B.G. & Carr, G.D. (eds.)**. 2003. *Tarweeds & Silverswords: Evolution of the Madiinae (Asteraceae)*. Missouri Botanical Garden Press, St. Louis.
- Carlquist, S. & DeVore, M.L.** 1998. Wood anatomy of Calyceraceae with reference to ecology, habit, and systematic relationships. *Aliso* 17: 63–76.
- Carlquist, S. & Lowrey, T.K.** 2003. Wood anatomy of Hawaiian and New Guinean species of *Tetramolopium* (Asteraceae): ecological and systematic aspects. *Pacific Science* 57: 171–179.
- Carolin, R.C.** 1967. The concept of the inflorescence in the order Campanulales. *Proceedings of the Linnean Society of New South Wales* 92: 7–26.
- Carolin, R.C.** 2007 [2006]. Styliidiaceae. Pp. 614–619 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants* vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Carolin, R.C.** 2007 [2006]. Goodeniaceae. Pp. 589–598 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Carr, G.D.** 1998. Chromosome evolution and speciation in Hawaiian flowering plants. Pp. 5–47 in: Stuessy, T.F. & Ono, M. (eds.), *Evolution and Speciation of Island Plants*. Cambridge University Press, Cambridge.
- Carr, G.D.** 2003. Chromosome evolution in Madiinae. Pp. 53–78 in: Carlquist, S., Baldwin, B.G. & Carr, G.D. (eds.), *Tarweeds and Silverswords: Evolution of the Madiinae (Asteraceae)*, Missouri Botanical Garden Press, St. Louis.
- Carr, G.D., King, R.M., Powell, A.M. & Robinson, H.** 1999. Chromosome numbers in Compositae XVIII. *American Journal of Botany* 86: 1003–1013.
- Carr, G.D. & Kyhos, D.W.** 1986. Adaptive radiation in the Hawaiian silversword alliance (Compositae–Madiinae). II. Cytogenetics of artificial and natural hybrids. *Evolution* 40: 959–976.
- Carr, G.D., Powell, E.A. & Kyhos, D.W.** 1986. Self-incom-
- patibility in the Hawaiian Madiinae (Compositae): an exception to Baker's rule. *Evolution* 40: 430–434.
- Carriaga, K.A., Pruski, J.F., Oviedo, R., Anderberg, A.A., Lewis, C.E. & Francisco-Ortega, J.** 2008. Phylogeny and systematic position of *Feddea* (Asteraceae: Feddeae): a taxonomically enigmatic and critically endangered genus endemic to Cuba. *Systematic Botany* 33: 193–202.
- Carvajal, H.S.** 1981. Notas sobre la flora fanerogámica de Nueva Galicia, II. *Phytologia* 49: 185–196.
- Carvalho, L.H., Brandão, M.G.L., Santos, D., Lopes, J.L.C. & Krettli, A.U.** 1991. Antimalarial activity of crude extracts from Brazilian plants studied in vivo in *Plasmodium berghei*-infected mice and in vitro against *Plasmodium falciparum* in culture. *Brazilian Journal of Medical and Biological Research* 24: 1113–1123.
- Carvalho, L.H. & Krettli, A.U.** 1991. Antimalarial chemotherapy with natural-products and chemically defined molecules. *Memorias Do Instituto Oswaldo Cruz* 86: 181–184.
- Cassini, H.** 1812. Extrait d'un premier mémoire de M. Henri Cassini, sur les Synanthérées. *Nouveau Bulletin des Sciences Société Philomathique Paris* 1812: 189–191.
- Cassini, H.** 1813. Observations sur le style et le stigmate des Synanthérées. *Journal de Physique, de Chimie, d'Histoire Naturelle et des Arts* 76: 97–128; 181–20; 1249–275, t. 1.
- Cassini, H.** 1814. Deuxième mémoire de M. Henri Cassini, sur les Synanthérées. *Bulletin des Sciences Société Philomathique Paris* 1814: 9–11.
- Cassini, H.** 1814. Précis d'un second mémoire sur les Synanthérées, contenant l'analyse des étamines. *Journal de Physique, de Chimie, d'Histoire Naturelle et des Arts* 78: 272–291.
- Cassini, H.** 1815. Extrait d'un troisième mémoire sur les Synanthérées. *Bulletin des Sciences de la Société Philomathique de Paris* 1815: 171–175.
- Cassini, H.** 1816. Anthémidées. Pp. 73–75 in: Cuvier, G. (ed.), *Dictionnaire des Sciences Naturelles*, ed. 2, vol. 2, suppl. Le Normant, Paris.
- Cassini, H.** 1816. Arctotidées. Pp. 118–119 in: Cuvier, G. (ed.), *Dictionnaire des Sciences Naturelles*, ed. 2, vol. 2, suppl. Le Normant, Paris.
- Cassini, H.** 1816. De l'influence que l'avortement des étamines paroît avoir sur les Périanthes. *Journal de Physique, de Chimie, d'Histoire Naturelle et des Arts* 82: 335–342.
- Cassini, H.** 1816. Extrait d'un Mémoire de M. Henri Cassini, sur une nouvelle famille de plantes (les Boopidées), lu à l'Académie des Sciences, le 26 août 1816. *Bulletin des Sciences, par la Société Philomathique* 1816: 160–161.
- Cassini, H.** 1816. Troisième mémoire sur les Synanthérées. *Journal de Physique, de Chimie, d'Histoire Naturelle et des Arts* 82: 116–146.
- Cassini, H.** 1816. Tableau exprimant les affinités des tribus naturelles de famille des Synanthérées, suivant la méthode de classification de M. Henri Cassini. In: Cuvier, G. (ed.), *Dictionnaire des Sciences Naturelles*, ed. 2, vol. 3. Le Normant, Paris.
- Cassini, H.** 1817. *Gibbaire, Gibbaria*. Pp. 526–527 in: Cuvier, G., *Dictionnaire des Sciences Naturelles*, ed. 2, vol. 18. Le Normant, Paris.
- Cassini, H.** 1817. Quatrième mémoire sur la famille des Synanthérées, contenant l'analyse de l'ovaire et de ses accessoires. *Journal de Physique, de Chimie, d'Histoire Naturelle et des Arts* 85: 5–21.
- Cassini, H.** 1818. Aperçu des genres nouveaux, formés dans la famille des Synanthérées. *Bulletin des Sciences de la Société Philomathique de Paris* 1818: 73–77.
- Cassini, H.** 1818. Cinquième mémoire sur la famille des

- Synanthérées, contenant les fondements de la synanthérogaphie. *Journal de Physique, de Chimie, d'Histoire Naturelle et des Arts* 86: 120–129, 173–189.
- Cassini, H.** 1818. Composées. Pp. 131–159 in: Cuvier, G. (ed.), *Dictionnaire des Sciences Naturelles*, ed. 2, vol. 10. Le Normant, Paris.
- Cassini, H.** 1818. *Corymbium*. Pp. 580–582 in: Cuvier, G. (ed.), *Dictionnaire des Sciences Naturelles*, ed. 2, vol. 10. Le Normant, Paris.
- Cassini, H.** 1819. Description des nouveaux genres *Garuleum* et *Phagnalon*. *Bulletin des Sciences de la Société Philomatique de Paris* 1819: 172–174.
- Cassini, H.** 1819. Sixième mémoire sur la famille des Synanthérées, contenant les caractères des tribus. *Journal de Physique, de Chimie, d'Histoire Naturelle et des Arts* 88: 150–163, 189–204.
- Cassini, H.** 1821. Hélianthées [with discussion of tribes]. Pp. 354–385 in: Cuvier, F., *Dictionnaire des Sciences Naturelles*, ed. 2, vol. 20. Le Normant, Paris.
- Cassini, H.** 1821. Les Arctotidées (Arctotideae). Pp. 364–366, in Cuvier, G. (ed.), *Dictionnaire des Sciences Naturelles*, ed. 2, vol. 20. Le Normant, Paris.
- Cassini, H.** 1821. Les Calendulées. Pp. 366–367 in: Cuvier, F., *Dictionnaire des Sciences Naturelles*, ed. 2, vol. 20. Le Normant, Paris.
- Cassini, H.** 1822. Inulées. Pp. 559–582 in: Cuvier, F., *Dictionnaire des Sciences Naturelles*, ed. 2, vol. 23. Le Normant, Paris.
- Cassini, H.** 1823. *Liabum*. Pp. 203–211 in Cuvier, F. (ed.), *Dictionnaire des Sciences Naturelles*, ed. 2., vol. 26. Le Normant, Paris.
- Cassini, H.** 1823. Maroute. Pp. 174–187 in: Cuvier, F. (ed.), *Dictionnaire des Sciences Naturelles*, ed. 2, vol. 29. Le Normant, Paris.
- Cassini, H.** 1824. Météorine, *Meteorina*. Pp. 319–333 in: Cuvier, F., *Dictionnaire des Sciences Naturelles*, ed. 2, vol. 30. Le Normant, Paris.
- Cassini, H.** 1825. *Oligactis*. Pp. 16–18 in Cuvier, F. (ed.), *Dictionnaire des Sciences Naturelles*, ed. 2, vol. 36. Le Normant, Paris.
- Cassini, H.** 1826–1834. *Opusculs Phytologiques*, 3 vols. Levrault, Paris.
- Cassini, H.** 1827. Semiflosculeuses ou Lactucées [second version]. Pp. 421–422 in: Cuvier, F. (ed.), *Dictionnaire des Sciences Naturelles*, ed. 2, vol. 48. Le Normant, Paris.
- Cassini, H.** 1828. Vernoniées. Pp. 338–347 in: Cuvier, F. (ed.), *Dictionnaire des Sciences Naturelles*, ed. 2, vol. 57. Le Normant, Paris.
- Cassini, H.** 1829. Tableau synoptique des Synanthérées. *Annales des Sciences Naturelles* 17: 387–423.
- Cassini, H.** 1830. Tableau synoptique des Synanthérées [third version of «Tribu Lactucées» pp. 568–569]. Pp. 566–587 in: Cuvier, F. (ed.), *Dictionnaire des Sciences Naturelles*, ed. 2, vol. 60. Le Normant, Paris.
- Cassini, H.** 1830. *Zygeee*. Pp. 560–619 in Cuvier, F. (ed.), *Dictionnaire des Sciences Naturelles*, ed. 2, vol. 60. Le Normant, Paris. [Reprinted in King, R.M. & Dawson, H.W. (eds.), 1975, *Cassini on Compositae*. Oriole Editions, New York.]
- Catalán, C.A.N., Borkosky, S.A. & Joseph-Nathants, P.** 1996. The secondary metabolite chemistry of the subtribe Gochnatiinae (tribe Mutisieae, family Compositae). *Biochemical Systematics and Ecology* 24: 659–718.
- Cerbah, M., Coulaud, J., Brown, S.C. & Siljak-Yakovlev, S.** 1999. Evolutionary DNA variation in the genus *Hypochoeris* (Asteraceae). *Heredity* 82: 261–266.
- Chan, R., Baldwin, B.G. & Ornduff, R.** 2001. Goldfields revisited: a molecular phylogenetic perspective on the evolution of *Lasthenia* (Compositae: Heliantheae sensu lato). *International Journal of Plant Sciences* 162: 1347–1360.
- Chan, R., Baldwin, B.G. & Ornduff, R.** 2002. Cryptic goldfields: a molecular phylogenetic reinvestigation of *Lasthenia californica* sensu lato and close relatives (Compositae: Heliantheae sensu lato). *American Journal of Botany* 89: 1103–1112.
- Chapman, M.A. & Burke, J.M.** 2007. Genetic divergence and hybrid speciation. *Evolution* 61: 1773–1780.
- Chapman, M.A., Leebens-Mack, J. & Burke, J.** 2008. Positive selection and expression divergence following gene duplication in the sunflower *CYCLOIDEA* gene family. *Molecular Biology and Evolution* 25: 1260–1273.
- Chase, M.W., Soltis, D.E., Olmstead, R.G., Morgan, D., Les, D.H., Mishler, B.D., Duvall, M.R., Price, R.A., Hills, H.G., Qiu, Y.-L., Kron, K.A., Rettig, J.H., Conti, E., Palmer, J.D., Manhart, J.R., Sytsma, K.J., Michaels, H.J., Kress, W.J., Karol, K.G., Clark, W.D., Hedrén, M., Gaut, B.S., Jansen, R.K., Kim, K.-J., Wimpee, C.F., Smith, J.F., Furnier, G.R., Strauss, S.H., Xiang, Q.-Y., Plunkett, G.M., Soltis, P.S., Swensen, S.M., Williams, S.E., Gadek, P.A., Quinn, C.J., Equiarte, L.I., Golenberg, E., Learn, G.H., Jr., Graham, S.W., Barrett, S.C.H., Dayanandan, S. & Albert, V.A.** 1993. Phylogenetics of seed plants: an analysis of nucleotide sequences from the plastid gene *rbcL*. *Annals of the Missouri Botanical Garden* 80: 528–580.
- Chaturvedula, P.V.S., Schilling, J.K., Miller, J.S. & Andriantsiferana, R.** 2002. Two new triterpene esters from twigs of *Brachylaena ramiflora* from the Madagascar rainforest. *Journal of Natural Products* 65: 1222–1224.
- Chaudhuri, P.K.** 1992. 7-hydroxyechinozolinone, a new alkaloid from the flowers of *Echinops echinatus*. *Journal of Natural Products* 55: 249–250.
- Chea, A., Hout, S., Long, C., Marcourt, L., Faure, R., Azas, N. & Elias, R.** 2006. Antimalarial activity of sesquiterpene lactones from *Vernonia cinerea*. *Chemical and Pharmacological Bulletin* 54: 1437–1439.
- Chen, G.L., Li, X.L., Shi, L.G. & Zhang, S.J.** 2007. Chemical constituents from *Cirsium pendulum* Fisch. ex DC. *Zhong Yao Cai* 30: 291–294.
- Chen, X., Zhan, Z.J. & Yue, J.M.** 2006. Sesquiterpenoids from *Vernonia cinerea*. *Natural Product Research* 20: 125–129.
- Chen, X., Zhan, Z.J., Zhang, X.W., Ding, J. & Yue, J.M.** 2005. Sesquiterpene lactones with potent cytotoxic activities from *Vernonia chinensis*. *Planta Medica* 71: 949–954.
- Chen, Y.L.** 1985. *Sinoleontopodium*, a new genus of Compositae from China. *Acta Phytotaxonomica Sinica* 23: 457–459.
- Chen, Y.L.** 1996. *Ligulariopsis* Y.L. Chen, a new genus of Compositae from China. *Acta Phytotaxonomica Sinica* 34: 631–634.
- Cheplick, G.P. & Quinn, J.A.** 1982. *Amphicarpum purshii* and the “Pessimistic Strategy” in amphicarpic annuals with subterranean fruit. *Oecologia* 52: 327–332.
- Cherniawsky, D.M. & Bayer, R.J.** 1998. Systematics of North American *Petasites* (Asteraceae: Senecioneae). I. Morphometric analyses. *Canadian Journal of Botany* 76: 23–36.
- Chevallier, F.F.** 1828. *Flore Générale des Environs de Paris*. Ferra Jeune, Paris.
- Chhabra, S.C., Mahunnah, R.L.A. & Mshiu, E.N.** 1989. Plants used in traditional medicine in eastern Tanzania. II. Angiosperms (Capparidae to Ebenaceae). *Journal of Ethnopharmacology* 25: 339–359.
- Chhabra, S.C., Shao, J.F., Mshiu, E.N. & Uiso, F.C.** 1981.

- Screening of Tanzanian medicinal plants for antimicrobial activity. I. *Journal of African Medicinal Plants* 4: 93–98.
- Chiari, E., Duarte, D.S., Raslan, D.S., Saude, D.A., Perry, K.S.P., Boaventura, M.A.D., Grandi, T.S.M., Stehmann, J.R., Anjos, A.M.G. & DeOliveira, A.B.** 1996. In vitro screening of Asteraceae plant species against *Trypanosoma cruzi*. *Phytotherapy Research* 10: 636–638.
- Chifundera, K.** 1998. Livestock diseases and the traditional medicine in the Bushi area, Kivu province, Democratic Republic of Congo. *African Study Monographs* 19: 13–33.
- Chimbe, C.M. & Galley, D.J.** 1996. Evaluation of material from plants of medicinal importance in Malawi as protectants of stored grain against insects. *Crop Protection* 15: 289–294.
- Chmielewski, J.G.** 1999. Consequences of achene biomass, within-achene allocation patterns, and pappus on germination in ray and disc achenes of *Aster umbellatus* var. *umbellatus* (Asteraceae). *Canadian Journal of Botany* 77: 426–433.
- Choi, S.Z., Kwon, H.C., Choi, S.U. & Lee, K.R.** 2002. Five new labdane diterpenes from *Aster oharai*. *Journal of Natural Products* 65: 1102–1106.
- Choi, S.Z., Lee, S.O., Choi, S.U. & Lee, K.R.** 2003. A new sesquiterpene hydroperoxide from the aerial parts of *Aster oharai*. *Archives of Pharmacol Research* 26: 521–525.
- Christensen, L.P.** 1992. Acetylenes and related compounds in Anthemideae. *Phytochemistry* 31: 7–49.
- Christensen, L.P.** 1992. Acetylenes and related compounds in Asteraceae (= Compositae). 4. Acetylenes and related compounds in Anthemideae. *Phytochemistry* 31: 7–49.
- Christensen, L.P. & Lam, J.** 1990. Acetylenes and related compounds in Cynareae. *Phytochemistry* 29: 2753–2785.
- Christensen, L.P. & Lam, J.** 1991. Acetylenes and related compounds in Astereae. *Phytochemistry* 30: 2453–2472.
- Christensen, L.P. & Lam, J.** 1991. Acetylenes and related compounds in Heliantheae. *Phytochemistry* 30: 11–49.
- Christensen, L.P. & Lam, J.** 1991. Acetylenes and related compounds in Asteraceae (= Compositae). 3. Acetylenes and related compounds in Astereae. *Phytochemistry* 30: 2453–2476.
- Chung, I.-C.** 1965. Revision of *Barnadesia* (Compositae-Mutisieae). Published by the author, Chicago.
- Chung, T.Y., Eiserich, J.P. & Shibamoto, T.** 1997. Volatile compounds isolated from edible Korean Chanchwi (*Aster scaber* Thunb.). *Journal of Agricultural and Food Chemistry* 41: 1693–1697.
- Ciadella, A.M. & López de Kiesling, A.G.** 1981. Cariología de *Schlechtendalia luzulaefolia* (Compositae). *Darwiniana* 23: 357–360.
- Ciccarelli, D., Garbari, F. & Pagni, A.M.** 2007. Glandular hairs of the ovary: a helpful character for Asteroideae (Asteraceae) taxonomy? *Annales Botanici Fennici* 44: 1–7.
- Cifuentes, D.A., Simirgiotis, M.J., Favier, L.S., Rotgelli, A.E. & Pelzer, L.E.** 2001. Antiinflammatory activity from aerial parts of *Baccharis medullosa*, *Baccharis rufescens* and *Laenecia sophiifolia* in mice. *Phytotherapy Research* 15: 529–531.
- Čigurjaeva, A.A. & Tereškova, T.V.** 1983. Palinologija tribi Anthemideae Cass. (Asteraceae Dum.) *Ukrayins'kyi Botanichnyi Zhurnal* 40: 39–43.
- Cilliers, S.S.** 1991. Pollen morphology and its taxonomic value in *Brachylaena* (Compositae) in southern Africa. *South African Journal of Botany* 57: 325–330.
- Cilliers, S.S.** 1993. Synopsis of the genus *Brachylaena* (Compositae) in southern Africa. *Bothalia* 23: 175–184.
- Civenetti, A.J., Rice, G.B. & Serin, J.H.** 1999. Basal stem width and herbivory differ in galled ramets versus ungalled ramets for *Solidago altissima*. *Tillers* 1: 42–47.
- Clark, B.L.** 1999. *Villasenorina* (Asteraceae: Senecioneae): a new genus and combination from Mexico. *Sida* 18: 631–634.
- Clarkson, B.R.** 1988. A natural intergeneric hybrid, *Celmisia gracilenta* × *Olearia arborescens* (Compositae) from Mt Tarawera, New Zealand. *New Zealand Journal of Botany* 26: 325–331.
- Claßen-Bockhoff, R.** 1992. Florale Differenzierung in komplex organisierten Asteraceen-Köpfen. *Flora* 196: 1–22.
- Claßen-Bockhoff, R.** 1996. Functional units beyond the level of the capitulum and cypsela in Compositae. Pp. 129–160 in: Caligari, P.D.S. & Hind, D.J.N. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 2, *Compositae: Biology and Utilization*. Royal Botanic Gardens, Kew.
- Claßen-Bockhoff, R., Froebe, H.A. & Langerbeins, D.** 1989. Die Infloreszenzstruktur von *Gundelia tournefortii* L. (Asteraceae). *Flora* 182: 463–479.
- Clevinger, J.A. & Panero, J.L.** 2000. Phylogenetic analysis of *Silphium* and subtribe Engelmanniinae (Asteraceae: Heliantheae) based on ITS and ETS sequence data. *American Journal of Botany* 87: 565–572.
- Clokey, I.W.** 1951. *Flora of the Charleston Mountains, Clark County, Nevada*. University of California Press, Berkeley.
- Clonts, J.A. & McDaniel, S.** 1978. *Elephantopus*. *North American Flora*, series 2, 10: 196–202.
- Coates Palgrave, K.** 1977. *Trees of Southern Africa*. C. Struik, Cape Town.
- Cockayne, L. & Allan, H.H.** 1934. An annotated list of groups of wild hybrids in the New Zealand flora. *Annals of Botany* 48: 1–55.
- Cody, M.L.** 1978. Distribution ecology of *Haplopappus* and *Chrysothamnus* in the Mojave desert. Niche, I. position and niche shifts on north-facing granitic slopes. *American Journal of Botany* 65: 1107–1116.
- Cody, M.L. & Overton, J. McC.** 1996. Short-term evolution of reduced dispersal in island plant populations. *Journal of Ecology* 84: 53–61.
- Coile, N.C. & Jones, S.B.** 1981. *Lychnophora* (Compositae, Vernonieae), a genus endemic to the Brazilian planalto. *Brittonia* 33: 528–542.
- Coile, N.C. & Jones, S.B.** 1983. *Haplostephium* (Compositae, Vernonieae). *Castanea* 48: 232–236.
- Col, A.** 1903–04. Recherches sur l'appareil sécréteur des Composées. *Journal de Botanique (Morot)* 17: 252–318, 18: 110–133, 153–175.
- Coleman, M., Liston, A., Kadereit, J.W. & Abbott, R.J.** 2003. Repeat intercontinental dispersal and Pleistocene speciation in disjunct Mediterranean and desert *Senecio* (Asteraceae). *American Journal of Botany* 90: 1446–1454.
- Collins, J.L.** 1924. Inheritance in *Crepis capillaris* (L.) Wallr. – III. Nineteen morphological and three physiological characters. *University of California Publications in Agricultural Sciences* 2: 249–296.
- Comai, L.** 2005. The advantages and disadvantages of being polyploid. *Nature Reviews/Genetics* 6: 836–846.
- Comes, H.P. & Abbott, R.J.** 2001. Phylogeography, reticulation, and lineage sorting in Mediterranean *Senecio* sect. *Senecio* (Asteraceae). *Evolution* 55: 1943–1962.
- Comes, H.P. & Abbott, R.J.** 2001. Molecular phylogeography, reticulation, and lineage sorting in Mediterranean *Senecio* sect. *Senecio* (Asteraceae). *Evolution* 55: 1943–1962.
- Cooke, D.A.** 1986. Compositae (Asteraceae). Pp. 1423–1658 in: Jessop, J.P. & Toelken, H.R. (eds.), *Flora of South Australia*, vol. 3. South Australian Printing Division, Adelaide.
- Copley, P.B.** 1982. A taxonomic revision of the genus *Ixodia* (Asteraceae). *Journal of the Adelaide Botanic Gardens* 6: 41–54.

- Cos, P., Hermans, N., De Bruyne, T., Apers, S., Sindambiwe, J.B., Vanden Berghe, D., Pieters, L. & Vlietinck, A.J.** 2002. Further evaluation of Rwandan medicinal plant extracts for their antimicrobial and antiviral activities. *Journal of Ethnopharmacology* 79: 155–163.
- Cosner, M.E., Jansen, R.K. & Lammers, T.G.** 1994. Phylogenetic relationships in the Campanulales based on *rbcL* sequences. *Plant Systematics and Evolution* 190: 79–95.
- Covas, G. & Schnack, B.** 1947. Estudios cariológicos en Antófitas. II Parte. *Revista Argentina de Agronomía* 14: 230.
- Cowling, R.M. (ed.)** 1992. *The Ecology of Fynbos: Nutrients, Fire and Diversity*. Oxford University Press, Cape Town.
- Cowling, R.M., MacDonald, I.A.W. & Simmons, M.T.** 1996. The Cape Peninsula, South Africa: physiographical, biological, and historical background to an extraordinary hotspot of biodiversity. *Biodiversity and Conservation* 5: 527–550.
- Cox, C.B. & Moore, P.D.** 2004. *Biogeography. An Ecological and Evolutionary Approach*. Blackwell Publishing, Oxford.
- Cracraft, J.** 2000. Species concepts in theoretical and applied biology: a systematic debate with consequences. Pp. 3–14 in: Wheeler, Q.D. & Meier, R. (eds.), *Species Concepts and Phylogenetic Theory: A Debate*. Columbia University Press, New York.
- Crawford, D.J.** 1978. Okanin 4'-O-diglucoside from *Coreopsis petrophiloides* and comments on anthochlors and evolution in *Coreopsis*. *Phytochemistry* 17: 1680–1681.
- Crawford, D.J., Archibald, J.K., Mort, M.E. & Santos-Guerra, A.** 2006. Allozyme variation within and divergence among species of *Tolpis* (Asteraceae-Lactuceae) in the Canary Islands: systematic, evolutionary and biogeographical implications. *American Journal of Botany* 93: 656–664.
- Crawford, D.J. & Mort, M.E.** 2005. Phylogeny of eastern North American *Coreopsis* (Asteraceae-Coreopsidae): insights from nuclear and plastid sequences, and comments on character evolution. *American Journal of Botany* 92: 330–336.
- Crawford, D.J., Ruiz, E., Stuessy, T.F., Tepe, E., Aqueveque, P., González, F., Jensen, R.J., Anderson, G.J., Bernardello, G., Baeza, C.M., Swenson, U. & Silva O., M.** 2001. Allozyme diversity in endemic flowering plant species of the Juan Fernández archipelago, Chile: ecological and historical factors with implications for conservation. *American Journal of Botany* 88: 2195–2203.
- Crawford, D.J. & Stuessy, T.F.** 1997. Plant speciation on oceanic islands. Pp. 249–267 in: Iwatsuki, K. & Raven, P.H. (eds.), *Evolution and Diversification of Land Plants*. Springer, Tokyo.
- Crawford, D.J., Stuessy, T.F., Haines, D.W., Cosner, M.B., Silva O., M. & López, P.** 1992. Allozyme diversity within and divergence among four species of *Robinsonia* (Asteraceae: Senecioneae), a genus endemic to the Juan Fernández Islands, Chile. *American Journal of Botany* 79: 962–966.
- Crawford, D.J., Stuessy, T.F., Haines, D.W., Cosner, M.B., Silva O., M. & López, P.** 1992. Evolution of the genus *Dendroseris* (Asteraceae: Lactuceae) on the Juan Fernández Islands: evidence from chloroplast and ribosomal DNA. *Systematic Botany* 17: 676–682.
- Crawford, D.J., Stuessy, T.F. & Silva O., M.** 1987. Allozyme divergence and the evolution of *Dendroseris* (Compositae: Lactuceae) on the Juan Fernández Islands. *Systematic Botany* 12: 435–443.
- Crisci, J.V.** 1974. A numerical-taxonomic study of the subtribe Nassauviinae (Compositae, Mutisieae). *Journal of the Arnold Arboretum* 55: 568–610.
- Crisci, J.V.** 1974. *Marticoirenia*: a new genus of Mutisieae (Compositae). *Journal of the Arnold Arboretum* 55: 38–45.
- Crisci, J.V.** 1974. Revision of the genus *Moscharia* (Compositae, Mutisieae) and a reinterpretation of its inflorescence. *Contributions from the Gray Herbarium of Harvard University* 205: 163–173.
- Crisci, J.V.** 1976. *Burkartia*: nuevo género de Mutisieae (Compositae). *Boletín de la Sociedad Argentina de Botánica* 17: 241–246.
- Crisci, J.V.** 1976. Revisión del género *Leucheria* (Compositae: Mutisieae). *Darwiniana* 20: 9–126.
- Crisci, J.V.** 1980. Evolution in the subtribe Nassauviinae (Compositae, Mutisieae): a phylogenetic reconstruction. *Taxon* 29: 213–224.
- Crisci, J.V.** 1998. Ángel Lulio Cabrera. *Revista del Museo de La Plata* 2(11): 25–26.
- Crisci, J.V.** 2000. Obituario, Ángel Lulio Cabrera (1908–1999). *Boletín de la Sociedad Argentina de Botánica* 35(1–2): 179–180.
- Crisci, J.V. & Freire, S.E.** 1986. El género *Calopappus* (Compositae, Mutisieae). *Caldasia* 15: 57–69.
- Cristóbal, C.L.** 1986. El número cromosómico de dos Compositae-Mutisieae. *Boletín de la Sociedad Argentina de Botánica* 24: 421–423.
- Cron, G.V., Balkwill, K. & Knox, E.** 2006. *Bolandia* (Asteraceae, Senecioneae): a new genus endemic to southern Africa. *Novon* 16: 224–230.
- Cron, G.V. & Nordenstam, B.** 2006. *Oresbia*, a new South African genus of the Asteraceae, Senecioneae. *Novon* 16: 216–223.
- Cronin, J.T. & Abrahamson, W.G.** 1999. Host-plant genotype and other herbivores influence goldenrod stem galler preference and performance. *Oecologia* 121: 392–404.
- Cronin, J.T. & Abrahamson, W.G.** 2001. Do parasitoids diversify in response to host-plant shifts by herbivorous insects? *Ecological Entomology* 26: 347–355.
- Cronin, J.T. & Abrahamson, W.G.** 2001. Goldenrod stem galler preference and performance: effects of multiple herbivores and plant genotype. *Oecologia* 127: 87–96.
- Cronk, Q.C.B.** 1987. The history of the endemic flora of St. Helena: a relictual series. *New Phytologist* 105: 509–520.
- Cronk, Q.C.B.** 1990. The history of the endemic flora of St. Helena: late Miocene 'Trochetiopsis-like' pollen from St. Helena and the origin of *Trochetiopsis*. *New Phytologist* 114: 159–165.
- Cronk, Q.C.B.** 1992. Relict floras of Atlantic islands: patterns assessed. *Biological Journal of the Linnean Society* 46: 91–103.
- Cronk, Q.C.B.** 2000. *The Endemic Flora of St. Helena*. Anthony Nelson, Oswestry.
- Cronquist, A.** 1952. Compositae. Pp. 323–546 in: Gleason, H.A., *The New Britton and Brown Illustrated Flora of the Northeastern United States and Adjacent Canada*, vol. 3. Macmillan, New York.
- Cronquist, A.** 1955. Phylogeny and taxonomy of the Compositae. *American Midland Naturalist* 53: 488–511.
- Cronquist, A.** 1957. Outline of a new system of families and orders of dicotyledons. *Bulletin du Jardin Botanique de l'État à Bruxelles* 27: 13–40.
- Cronquist, A.** 1968. *The Evolution and Classification of Flowering Plants*. Houghton Mifflin, Boston.
- Cronquist, A.** 1968. Compositae. Pp. 323–545 in: Gleason, H.A., *The New Britton and Brown Illustrated Flora of the Northeastern United States and Adjacent Canada*, vol. 3. Hafner, New York.
- Cronquist, A.** 1977. The Compositae revisited. *Brittonia* 29: 137–153.
- Cronquist, A.** 1981. *An Integrated System of Classification of Flowering Plants*. Columbia University Press, New York.

- Cronquist, A.** 1988. *The Evolution and Classification of Flowering Plants*, 2nd ed. New York Botanical Garden, Bronx.
- Cronquist, A.** 1994. *Intermountain Flora*, vol. 5, *The Asterales*. New York Botanical Garden Press, New York.
- Cronquist, A., Holmgren, A.H., Holmgren, N.H. & Reveal, J.L.** 1972. *Intermountain Flora*, vol. 1, *Geological and Botanical History of the Region, Its Plant Geography and a Glossary. The Vascular Cryptogams and the Gymnosperms*. New York Botanical Garden Press, New York.
- Cronquist, A., Holmgren, A.H., Holmgren, N.H., Reveal, J.L. & Holmgren, P.K.** 1977. *Intermountain Flora*, vol. 6, *The Monocotyledons*. New York Botanical Garden Press, New York.
- Cronquist, A., Holmgren, A.H., Holmgren, N.H., Reveal, J.L. & Holmgren, P.K.** 1984. *Intermountain Flora*, vol. 4, *Subclass Asteridae (Except the Asterales)*. New York Botanical Garden Press, New York.
- Cross, E.W., Quinn, C.J. & Wagstaff, S.J.** 2002. Molecular evidence for the polyphyly of *Olearia* (Astereae: Asteraceae). *Plant Systematics and Evolution* 235: 99–120.
- Cuatrecasas, J.** 1929. Estudios sobre la flora y la vegetación del Macizo de Mágina. *Trabajos del Museo Ciencias Naturales* 12: 3–510.
- Cuatrecasas, J.** 1950. Studies on Andean Compositae I. *Fieldiana, Botany* 27(1): 1–54.
- Cuatrecasas, J.** 1951. Studies on Andean Compositae I. *Fieldiana, Botany* 27(2): 1–74.
- Cuatrecasas, J.** 1956. Neue *Vernonia*-Arten und Synopsis der andinen Arten der Sektion *Critoniopsis*. *Botanische Jahrbücher für Systematik, Pflanzengeographie und Pflanzengeschichte* 77: 52–84.
- Cuatrecasas, J.** 1957. Prima Flora Colombiana 1, Burseraceae. *Webbia* 12: 375–441.
- Cuatrecasas, J.** 1958. Prima Flora Colombiana 2, Malpighiaceae. *Webbia* 13: 343–664.
- Cuatrecasas, J.** 1961. A taxonomic revision of the Humiriaceae. *Contributions from the United States National Herbarium* 35: 25–214.
- Cuatrecasas, J.** 1964. Cacao and its allies; a taxonomic revision of the genus *Theobroma*. *Contributions from the United States National Herbarium* 35: 379–614.
- Cuatrecasas, J.** 1967. Revisión de las especies Colombianas del género *Baccharis*. *Revista de la Academia Colombiana de Ciencias Exactas, Físicas y Naturales* 13: 5–102.
- Cuatrecasas, J.** 1969. Prima Flora Colombiana 3, Compositae–Astereae. *Webbia* 24: 1–335.
- Cuatrecasas, J.** 1970. *Brunelliaceae. Flora Neotropica Monographs* 2. New York Botanical Garden Press, New York.
- Cuatrecasas, J.** 1977. *Westoniella*, a new genus of the Astereae from the Costa Rican paramos. *Phytologia* 35: 471–487.
- Cuatrecasas, J.** 1978. Studies in neotropical Senecioneae, Compositae. I. Reinstatement of genus *Lasiocephalus*. *Phytologia* 40: 307–312.
- Cuatrecasas, J.** 1982. Miscellaneous notes on Neotropical flora, XV. New taxa in Astereae. *Phytologia* 52: 166–177.
- Cuatrecasas, J.** 1985. *Brunelliaceae Supplement*. *Flora Neotropica Monographs* 2, supplement. New York Botanical Garden Press, New York.
- Cuatrecasas, J.** 1986. Dos géneros nuevos de Compositae de Colombia. *Caldasia* 15(71–75): 1–14.
- Cuatrecasas, J.** 1986. Un género nuevo de Astereae, Compositae, de Colombia. *Anales del Jardín Botánico de Madrid* 42: 415–426.
- Cuatrecasas, J.** 1997. Synopsis of the neotropical genus *Ori-trophium* (Asteraceae: Astereae). *BioLlania* 6: 287–303.
- Cuatrecasas, J.** In press. A systematic study of the subtribe Espeletiinae (Heliantheae, Asteraceae). *Flora Neotropica Monographs*. New York Botanical Garden Press, New York.
- Culley, T.M. & Klooster, M.R.** 2007. The cleistogamous breeding system: a review of its frequency, evolution, and ecology in angiosperms. *The Botanical Review* 73: 1–30.
- Cunha, W.R., Andrade E Silva, M.L., Barbosa, R.D., Vichnewski, W. & Callegari Lopes, J.L.** 1999. Antinociceptive activity of *Stilpnopappus ferruginea* aerial parts. *Fitoterapia* 70: 175–177.
- Cunha, W.R., Lopes, J.L.C., Vichnewski, W., Diaz, J.G. & Herz, W.** 1995. Eremantholides and a guaianolide from *Lychnophora rupestris*. *Phytochemistry* 39: 387–389.
- Cuvier, G.** 1861. *Recueil des Éloges Historiques lus dans les Séances Publiques de l'Institut de France*, Tome 1. Didot, Paris.
- Dalziel, J.M.** 1937. *The Useful Plants of West Tropical Africa*. Whitfriars Press Ltd, London.
- D'Arcy, W.G.** 1975. Flora of Panama, 9. *Annals of the Missouri Botanical Garden* 62: 835–1322.
- Dashbaly, T.S. & Glyzin, V.I.** 1978. Flavonoid glycosides of edelweiss, *Leontopodium ochroleucum* Beauv. *Chemistry of Natural Compounds* 14: 690.
- D'Auria, J.C. & Gershenzon, J.** 2005. The secondary metabolism of *Arabidopsis thaliana*: growing like a weed. *Current Opinion in Plant Biology* 8: 308–316.
- Davis, G.L.** 1964. The embryology of *Minuria integerrima*—a somatic apomict. *Phytomorphology* 14: 231–239.
- Davis, G.L.** 1968. Apomixis and abnormal anther development in *Calotis lappulacea* Benth. (Compositae). *Australian Journal of Botany* 16: 1–17.
- Davis, P.H. & Heywood, V.H.** 1963. *Principles of Angiosperm Taxonomy*. Oliver & Boyd, Edinburgh and London.
- Davis, R.I., Jones, P., Holman, T.J., Halsey, K., Amice, R., Tupouniua, S.K. & Seth, M.** 2006. Phytoplasma disease surveys in Tonga, New Caledonia and Vanuatu. *Australasian Plant Pathology* 35: 335–340.
- Dawar, R., Qaiser, M. & Perveen, A.** 2002. Pollen morphology of *Inula* L. (s.str.) and its allied genera (Inulae-Compositae) from Pakistan and Kashmir. *Pakistan Journal of Botany* 34: 9–22.
- Dawson, M.I.** 2000. Index of chromosome numbers of indigenous New Zealand spermatophytes. *New Zealand Journal of Botany* 38: 47–150.
- Dawson, M.I., Ward, J.M., Groves, B.E. & Hair, J.B.** 1993. Contributions to a chromosome atlas of the New Zealand flora – 32. *Raoulia* (Inuleae-Compositae (Asteraceae)). *New Zealand Journal of Botany* 31: 97–106.
- De Blois, S., Brisson, J. & Bouchard, A.** 2002. Selecting herbaceous plant covers to control tree invasion in rights-of-way. Pp. 103–110 in: Goodrich-Mahoney, J.W., Mutrie, D.F. & Guild, C.A. (eds.), *Proceedings of the Seventh International Symposium on Environmental Concerns in Rights-of-Way Management*. Elsevier Science, Amsterdam.
- De Carvalho, M.A.M. & Dietrich, S.M.C.** 1993. Variation in fructan content in the underground organs of *Vernonia herbacea* (Vell) Rusby at different phenological phases. *New Phytologist* 123: 735–740.
- De Carvalho, M.A.M., Pinto, M.M. & Figueiredo-Ribeira, R. de Cássia Leone.** 1998. Inulin production by *Vernonia herbacea* as influenced by mineral fertilization and time of harvest. *Revista Brasileira de Botânica* 21: 275–280.
- De Carvalho, M.A.M., Zaidan, L.B.P. & Dietrich, S.M.C.** 1997. Growth and fructan content of plants of *Vernonia herbacea* (Asteraceae) regenerated from rhizophores. *New Phytologist* 136: 153–161.

- De Carvalho, M.G., Da Costa, P.M. & Abreu, H.D.** 1999. Flavanones from *Vernonia diffusa*. *Journal of the Brazilian Chemical Society* 10: 163–166.
- De Lange, P.J. & Murray, B.G.** 2002. Contributions to a chromosome atlas of the New Zealand flora 37. Miscellaneous families. *New Zealand Journal of Botany* 40: 1–24.
- De Leonardis, W., Piccione, V., Zizza, A. & Zampino, D.** 1991. Flora palinologica italiana—contributo alla caratterizzazione morfobiometrica delle Anthemideae (Asteraceae). *Bollettino della Sedute Accademia Gioenia di Scienze Naturali, Catania* 24: 229–242.
- De Oliveira, A., Deble, L.P., Marchiori, J.N.C. & Denardi, L.** 2005. Anatomia da madeira de duas espécies do gênero *Heterothalamus* Lessing (Asteraceae) nativas no Rio Grande do Sul. *Ciência Florestal, Santa Maria* 15(1): 9–19.
- Delahaye, M.-C.** 2001. *L'absinthe. Son histoire*. Musée de l'Absinthe, Auvers-sur-Oise.
- Delpino, F.** 1890. Note ed osservazioni botaniche, decuria seconda (con Tavola V) VIII. Apparecchio florale staurogamico nella *Barnadesia rosea*. *Malpighia* 4: 28–30.
- Dematteis, M.** 1997. Números cromosómicos y cariótipos de algunas especies de *Vernonia* (Asteraceae). *Boletín de la Sociedad Argentina de Botánica* 33: 85–90.
- Dematteis, M.** 1998. Chromosome studies of some *Vernonia* species (Asteraceae). *Genetics and Molecular Biology* 21: 381–385.
- Dematteis, M.** 1998. Chromosome studies on *Vernonia flexuosa* and *V. lithospermifolia*. *Compositae Newsletter* 32: 10–16.
- Dematteis, M.** 1998. Karyotype analysis in some *Vernonia* species (Asteraceae) from South America. *Caryologia* 51: 279–288.
- Dematteis, M.** 2002. Cytotaxonomic analysis of South American species of *Vernonia* (Vernoniae: Asteraceae). *Botanical Journal of the Linnean Society* 139: 401–408.
- Dematteis, M.** 2003. New species and new combinations in Brazilian Vernoniae (Asteraceae). *Taxon* 52: 281–286.
- Dematteis, M.** 2006. New species of *Lessingianthus* (Asteraceae, Vernoniae) from Central Brazil. *Blumea* 51: 299–304.
- Dematteis, M.** 2006. Two new species of *Lessingianthus* (Vernoniae, Asteraceae) from the Brazilian highlands. *Botanical Journal of the Linnean Society* 150: 487–493.
- Dematteis, M.** 2006. *Vernonanthura warmingiana* (Asteraceae: Vernoniae), a new species from Brazil. *Brittonia* 58: 182–188.
- Dematteis, M. & Fernández, A.** 1998. Estudios cromosómicos en dos especies de *Senecio* (Asteraceae). *Boletín de la Sociedad Argentina de Botánica* 33: 181–184.
- Dematteis, M. & Robinson, H.** 1997. Chromosome studies and taxonomic considerations in *Acilepidopsis* (Vernoniae, Asteraceae). *Phytologia* 83: 366–370.
- Dempewolf, H., Rieseberg, L.H. & Cronk, Q.C.** 2008. Crop domestication in the Compositae: a family-wide trait assessment. *Genetic Resources and Crop Evolution* online: doi 10.1007/s10722-008-9315-0.
- Denda, T., Watanabe, K., Kosuge, K., Yahara, T. & Ito, M.** 1999. Molecular phylogeny of *Brachycome* (Asteraceae). *Plant Systematics and Evolution* 217: 299–311.
- DeVore, M.L.** 1994. *Systematic Studies of Calyceraceae*. Ph.D. Thesis, The Ohio State University, Columbus.
- DeVore, M.L. & Stuessy, T.F.** 1995. The place and time of origin of the Asteraceae, with additional comments on the Calyceraceae and Goodeniaceae. Pp. 23–40 in: Hind, D.J.N., Jeffrey, C. & Pope, G.V. (eds.), *Advances in Compositae Systematics*. Royal Botanic Gardens, Kew.
- DeVore, M.L., Zhao, Z., Jansen, R.K. & Skvarla, J.J.** 2000. Utility of trends in pollen morphology for phylogenetic analyses: an example using subfamilies Barnadesioideae and Cichorioideae (Asteraceae). Pp. 399–412 in: Harley, M.M., Morton, C.M. & Blackmore, S. (eds.), *Pollen and Spores: Morphology and Biology*. Royal Botanic Gardens, Kew.
- DeVore, M.L., Zhao, Z., Jansen, R.K. & Skvarla, J.J.** 2007. Pollen morphology and ultrastructure of Calyceraceae. *Lundellia* 10: 32–48.
- Dickens, J.C. & Boldt, P.E.** 1985. Electroantennogram responses of *Trirhabda bacharides* (Weber) (Coleoptera: Chrysomelidae) to plant volatiles. *Journal of Chemical Ecology* 11: 767–779.
- Dijk, H. van.** 1997. *Encyclopedia of Border Plants*. Rebo Production, b.v., The Netherlands.
- Dillon, M.O.** 1982. Additions to the Vernoniae (Compositae). Flora of Peru. *Fieldiana: Botany* 11: 1–7.
- Dillon, M.O.** 2003. New combinations in *Lucilioclina* with notes on South American Gnaphalieae (Asteraceae). *Arnaldoa* 10: 45–60.
- Dillon, M.O.** 2005. Familia Asteraceae. Pp. 96–180 in: Sklenár, P., Luteyn, J.L., Ulloa U., C., Jørgensen, P.M. & Dillon, M.O. (eds.), *Flora Genérica de los Páramos: Guía Ilustrada de las Plantas Vasculares*. Memoirs of the New York Botanical Garden 92. New York Botanical Garden Press, New York.
- Dillon, M.O. & Sagástegui-Alva, A.** 1986. *Jalcophila*, a new genus of Andean Inuleae (Asteraceae). *Brittonia* 38: 162–167.
- Dillon, M.O. & Sagástegui-Alva, A.** 1990. *Oligandra* Less. revisited and the need for a new genus, *Pseudoligandra* (Asteraceae: Inuleae). *Taxon* 39: 125–128.
- Dillon, M.O. & Sagástegui-Alva, A.** 1991. Sinopsis de los géneros de Gnaphaliinae (Asteraceae: Inuleae) de Sudamérica. *Arnaldoa* 1: 5–91.
- Dillon, M.O. & Sagástegui-Alva, A.** 1994. Studies in the tribe Liabeae (Asteraceae) in Peru: a revision of *Ferreyranthus*. *Arnaldoa* 2(2): 7–23.
- Dillon, M.O. & Sagástegui-Alva, A.** 1994. Studies in the tribe Liabeae (Asteraceae) in Peru: II. A new species of *Oligactis* from northern Peru and adjacent Ecuador. *Arnaldoa* 2(2): 25–30.
- Dillon, M.O. & Sagástegui-Alva, A.** 1999. *Caxamarca*, a new monotypic genus of Senecioneae (Asteraceae) from northern Peru. *Novon* 9: 156–161.
- Dimon, M.T.** 1971. *Étude des Types Polliniques des Composées Échinulées du Bassin Méditerranéen Occidental*. Ph.D. Thesis, Académie de Montpellier Université des Sciences et Techniques du Languedoc, Montpellier.
- Dimon, M.T.** 1971. Problèmes généraux soulevés par l'étude pollinique de Composées méditerranéennes. *Naturalia Mospelliensia* 22: 129–144.
- Dingle, R.V. & Hendey, Q.B.** 1984. Late Mesozoic and Tertiary sediment input into the eastern Cape basin (S.E. Atlantic) and palaeodrainage systems in south western Africa. *Marine Geology* 56: 13–26.
- Dinter, K.** 1927. Index der aus Deutsch-Südwestafrika bis zum Jahre 1917 bekannt gewordenen Pflanzenarten. XX. *Repertorium Specierum Novarum Regni Vegetabilis* 23: 130–137.
- DiTomaso, J.M.** 2000. Invasive weeds in rangelands: species, impacts, and management. *Weed Science* 48: 255–265.
- Dittrich, M.** 1968. Morphologische Untersuchungen an den Früchten der Subtribus Cardueae-Centaureinae (Compositae). *Willdenowia* 5: 67–107.
- Dittrich, M.** 1969. Anatomische Untersuchungen an den Früchten von *Carthamus* L. und *Carduncellus* Adans. (Compositae). *Candollea* 24: 263–277.
- Dittrich, M.** 1977. Cynareae—systematic review. Pp. 999–1015 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 2. Academic Press, London.

- Dittrich, M.** 1996. Bemerkungen zur Tribuszugehörigkeit von *Berardia*. *Annalen des Naturhistorischen Museums in Wien, Serie B, Botanik und Zoologie* 99 (suppl.): 329–342.
- Dittrich, M.** 1996. Die Bedeutung morphologischer und anatomischer Achänen-Merkmale für die Systematik der Tribus Echinopeae Cass. und Carlineae Cass. *Boissiera* 51: 9–102.
- Dittrich, M., Kästner, A. & Meusel, H.** 1987. *Tugarinovia* – eine mongolische Carlineae-Sippe? *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 108: 167–186.
- Dold, A.P. & Cocks, M.L.** 2001. Traditional veterinary medicine in the Alice district of the Eastern Cape province, South Africa. *South African Journal of Science* 97: 375–379.
- Don, D.** 1828. An attempt at a new classification of the Cichoriaceae. *Edinburgh New Philosophical Journal* 6: 305–312.
- Don, D.** 1830. Descriptions of the new genera and species of the class Compositae belonging to the floras of Peru, Mexico, and Chile. *Transactions of the Linnean Society of London* 16: 169–303.
- Dong, M., Zhang, L.J.-Z., Chen, J.-K. & Li, B.** 2006. Canada goldenrod (*Solidago canadensis*): an invasive alien weed rapidly spreading in China. *Acta Phytotaxonomica Sinica* 44: 72–85.
- Dormer, K.J.** 1961. The crystals in the ovaries of certain Compositae. *Annals of Botany* 25: 241–254.
- Dormer, K.J.** 1962. The fibrous layer in the anthers of Compositae. *New Phytologist* 61: 150–153.
- Downie, S.R., Llanas, E. & Katz-Downie, D.S.** 1996. Multiple independent losses of the *rpoC1* intron in angiosperm chloroplast DNAs. *Systematic Botany* 21: 135–151.
- Drummond, A.J., Ho, S.Y.W., Phillips, M.J. & Rambaut, A.** 2006. Relaxed phylogenetics and dating with confidence. *PLoS Biology* 4(5): e88 doi:10.1371/journal.pbio.0040088.
- Drury, D.G.** 1966. A bizarre pappus form in *Senecio*. *Taxon* 15: 309–311.
- Drury, D.G.** 1968. A clarification of the generic limits of *Olearia* and *Pleurophyllum* (Asteraceae–Compositae). *New Zealand Journal of Botany* 6: 459–466.
- Drury, D.G.** 1970. A fresh approach to the classification of the genus *Gnaphalium* with particular reference to the species present in New Zealand (Inuleae–Compositae). *New Zealand Journal of Botany* 8: 222–248.
- Drury, D.G.** 1972. The cluster and solitary-headed cudweeds native to New Zealand (*Gnaphalium* section *Euchiton* – Compositae). *New Zealand Journal of Botany* 10: 112–179.
- Drury, D.G.** 1973. Nodes and leaf structure in the classification of some Australasian shrubby Senecioneae–Compositae. *New Zealand Journal of Botany* 11: 525–554.
- Duistermaat, H.** 1996. Monograph of *Arctium* L. (Asteraceae). Generic delimitation (including *Cousinia* Cass. p.p.), revision of the species, pollen morphology and hybrids. *Gorteria* 3: 1–143.
- Drury, D.G. & Watson, L.** 1965. Anatomy and the taxonomic significance of gross vegetative morphology in *Senecio*. *New Phytologist* 64: 307–314.
- Drury, D.G. & Watson, L.** 1966. Taxonomic implications of a comparative anatomical study of Inuloideae–Compositae. *American Journal of Botany* 53: 828–833.
- Dunbabin, M.T. & Cocks, P.S.** 1999. Ecotypic variation for seed dormancy contributes to the success of capeweed (*Arctotheca calendula*) in Western Australia. *Australian Journal of Agricultural Research* 50: 1451–1458.
- Dupont-Nivet, G., Krijgsman, W., Langereis, C.G., Abels, H.A., Dai, S. & Fang, X.** 2007. Tibetan plateau aridification linked to global cooling at the Eocene–Oligocene transition. *Nature* 445: 635–638.
- Duprat, G.** 1957. La vie de Tournefort. Pp. 15–28 in: Becker, G. et al., *Tournefort*. Muséum National d'Histoire Naturelle, Paris.
- Dupree, A.H.** 1959. *Asa Gray, 1810–1888*. Belknap Press, Cambridge.
- Duviard, D.** 1969. Importance de *Vernonia guineensis* Benth. dans l'alimentation de quelques fourmis de savane. *Insectes Sociaux* 16: 115–134.
- Duviard, D.** 1970. Place de *Vernonia guineensis* Benth. dans la biocénose d'une savane preforestière de Côte d'Ivoire. *Annales de l'Université d'Abidjan, Serie E, Ecologie* 3: 7–174.
- Duviard, D.** 1970. Recherches écologiques dans la savane de lamto (Côte d'Ivoire): L'entomocoense de *Vernonia guineensis* Benth. (Composées). *Terre et Vie* 1: 62–79.
- East, E.M.** 1927. Peculiar genetic results due to active gametophytic factors. *Hereditas* 9: 49–58.
- Eastwood, A., Gibby, M. & Cronk, Q.C.B.** 2004. Evolution of St Helena arborescent Asteraceae (Asteraceae): relationships of the genera *Commidendrum* and *Melanodendron*. *Botanical Journal of the Linnean Society* 144: 69–83.
- Ebel, F.** 1998. Die Schildblättrigkeit krautiger Angiospermen-Sippen in ihrer Beziehung zu Standort und Verbreitung. *Flora* 193: 203–224.
- Eddie, W.M.M., Shulkina, T., Gaskin, J., Haberle, R.C. & Jansen, R.K.** 2003. Phylogeny of Campanulaceae s. str. inferred from ITS sequences of nuclear ribosomal DNA. *Annals of the Missouri Botanical Garden* 90: 554–575.
- Egeröd, K. & Ståhl, B.** 1991. Revision of *Lycoseris* (Compositae–Mutisieae). *Nordic Journal of Botany* 11: 549–574.
- Ehrendorfer, F.** 1959. Differentiation–hybridization cycles and polyploidy in *Achillea*. *Cold Spring Harbor Symposia on Quantitative Biology* 24: 141–152.
- Ehrendorfer, F.** 1970. Evolutionary patterns and strategies in seed plants. *Taxon* 19: 185–195.
- Ehrendorfer, F., Schweizer, D., Greger, H. & Humphries, C.** 1977. Chromosome banding and synthetic systematics in *Anacyclus* (Asteraceae–Anthemideae). *Taxon* 26: 387–394.
- Eldenäs, P. & Anderberg, A.A.** 1996. A cladistic analysis of *Anisopappus* (Asteraceae: Inuleae). *Plant Systematics and Evolution* 199: 167–192.
- Eldenäs, P., Källersjö, M. & Anderberg, A.A.** 1999. Phylogenetic placement and circumscription of tribes Inuleae s.str. and Plucheeae (Asteraceae): evidence from sequences of chloroplast gene *ndhF*. *Molecular Phylogenetics and Evolution* 13: 50–58.
- El-Ghazaly, G.** 1980. Palynology of Hypochoeridinae and Scolyminae (Compositae). *Opera Botanica* 58: 1–48.
- El-Ghazaly, G. & Anderberg, A.A.** 1995. Pollen morphology in *Phagnalon* and *Aliella* (Asteraceae, Gnaphalieae) and its taxonomical implications. *Grana* 34: 89–99.
- Elliot, R.** 2003. *Australian Plants for Mediterranean Climate Gardens*. Rosenberg Publishing, Sydney.
- Elliot, W.R. & Jones, D.L.** 1993. *Encyclopaedia of Australian Plants Suitable for Cultivation*, vol. 6. Lothian Press, Port Melbourne.
- Ellison, W.L.** 1964. A systematic study of the genus *Bahia* (Compositae). *Rhodora* 66: 67–86, 177–215, 281–311.
- El-Sayed, N.H., Wojcinska, M., Drost-Karbowska, K., Matlawska, I., Williams, J. & Mabry, T.J.** 2002. Kaempferol triosides from *Silphium perfoliatum*. *Phytochemistry* 60: 835–838.
- Elsik, W.C. & Yancey, T.E.** 2000. Palynomorph biozones in the context of changing paleoclimate, middle Eocene to lower Oligocene of the northwest Gulf of Mexico. *Palynology* 24: 177–186.

- Emerenciano, V.P., Barbosa, K.O., Scotti, M.T. & Ferreira, M.J.P.** 2007. Self-organizing maps in chemotaxonomic studies of Asteraceae: a classification of tribes using flavonoid data. *Journal of the Brazilian Chemical Society* 18: 891–899.
- Emerenciano, V.P., Bonfanti, M.R.M., Ferreira, Z.S., Kaplan, M.A.C. & Gottlieb, O.R.** 1986. The evolution of sesquiterpene lactones in Asteraceae. *Biochemical Systematics and Ecology* 14: 585–589.
- Emerenciano, V.P., Cabrol-Bass, M.D., Ferreira, J.P., Alvarenga, S.A.V., Brant, A.J.C., Scotti, M.T. & Barbosa, K.O.** 2006. Chemical evolution in the Asteraceae. The oxidation–reduction mechanism and production of secondary metabolites. *Natural Product Communications* 1: 495–507.
- Emerenciano, V.P., Ferreira, Z.S., Kaplan, M.A.C. & Gottlieb, O.R.** 1987. A chemosystematic analysis of tribes of Asteraceae involving sesquiterpene lactones and flavonoids. *Phytochemistry* 26: 3103–3115.
- Emerenciano, V.P., Kaplan, M.A.C. & Gottlieb, O.R.** 1985. The evolution of sesquiterpene lactones in angiosperms. *Biochemical Systematics and Ecology* 13: 145–166.
- Emerenciano, V.P., Militão, J.S.L.T., Campos, C.C., P.R., Kaplan, M.A.C., Zambon, M. & Brant, A.J.C.** 2001. Flavonoids as chemotaxonomic markers for Asteraceae. *Biochemical Systematics and Ecology* 29: 947–957.
- Enders, D. & Steinbusch, D.** 2003. An efficient asymmetric synthesis of tarchonanthuslactone. *European Journal of Organic Chemistry* 22: 4450–4454.
- Engler, A. & Prantl, K. (eds.)**. 1887–1915. *Die natürlichen Pflanzenfamilien*, several volumes. Engelmann, Leipzig.
- Englund, M., Pornpongrungrueng, P., Gustafsson, M.H.G. & Anderberg, A.A.** In press. Phylogenetic relationships and generic delimitation in Inuleae subtribe Inulinae (Asteraceae) based on ITS and cpDNA sequence data. *Cladistics* 25.
- Enikuomehin, O.A., Ikotun, T. & Ekpo, E.J.A.** 1998. Evaluation of ash from some tropical plants of Nigeria for the control of *Sclerotium rolfsii* Sacc. on wheat (*Triticum aestivum* L.). *Mycopathologia* 142: 81–87.
- Enke, N. & Gemeinholzer, B.** 2008. Babcock revisited: new insights into generic delimitation and character evolution in *Crepis* L. (Compositae: Cichorieae) from ITS and *matK* sequence data. *Taxon* 57: 756–768.
- Enke, N. & Gemeinholzer, B.** In press. Reinstatement of the genus *Askellia* (Compositae) with an emended description. *Novon*.
- Enke, N., Kilian, N., Nemomissa, S. & Gemeinholzer, G.** 2008. Afroalpine *Dianthoseris* actually a congener of *Crepis* s.str. (Compositae, Cichorieae). *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 127: 389–405.
- Erasto, P., Grierson, D.S. & Afolayan, A.J.** 2006. Bioactive sesquiterpene lactones from the leaves of *Vernonia amygdalina*. *Journal of Ethnopharmacology* 106: 117–120.
- Erbar, C. & Leins, P.** 1995. Portioned pollen release and the syndromes of secondary pollen presentation in the Campanulales–Asterales complex. *Flora* 190: 323–338.
- Erbar, C. & Leins, P.** 1996. Distribution of the character states “early” and “late sympetaly” within the “Sympetalae tetracyclae” and presumably related groups. *Botanica Acta* 109: 427–440.
- Erbar, C. & Leins, P.** 2000. Some interesting features in the capitulum and flower of *Arnaldoa macbrideana* Ferreyra (Asteraceae, Barnadesioideae). *Botanische Jahrbücher für Systematik, Pflanzengeographie und Pflanzengeschichte* 122: 517–537.
- Erdtman, G.** 1952. *Pollen Morphology and Plant Taxonomy: Angiosperms. An Introduction to Palynology*, vol. 1. Almqvist and Wiksell, Stockholm.
- Erdtman, G.** 1960. The acetolysis method, a revised description. *Svensk Botanisk Tidskrift* 54: 561–564.
- Eriksson, T.** 1995. The genus *Athroisma* (Asteraceae, Heliantheae). *Botanical Journal of the Linnean Society* 119: 101–184.
- Eriksson, T.** 1990. Reinstatement of the genus *Leucoblepharis* Arnott (Asteraceae–Heliantheae). *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 112: 167–191.
- Eriksson, T.** 1991. The systematic position of the *Blepharispermum* group (Asteraceae, Heliantheae). *Taxon* 40: 33–39.
- Eriksson, T.** 1992. The genus *Blepharispermum* (Asteraceae, Heliantheae). *Plant Systematics and Evolution* 182: 149–227.
- Eriksson, T.** 1995. The genus *Athroisma* (Asteraceae, Heliantheae). *Botanical Journal of the Linnean Society* 119: 101–184.
- Espírito-Santo, M.M. & Fernandes, W.** 2002. Host plant effects on the development and survivorship of the galling insect *Neopelma baccharidis* (Homoptera: Psyllidae). *Austral Ecology* 27: 249–257.
- Esteves, R.L.** 1993. Contribuição ao conhecimento das espécies brasileiras do genero *Stilpnopappus* Mart. ex DC. (Compositae–Vernonieae) seção *Stilpnopappus*. Ph.D. Thesis, Universidade Federal do Rio de Janeiro, Rio de Janeiro.
- Eubanks, M.D., Blair, C.P. & Abrahamson, W.G.** 2003. One host shift leads to another? Evidence of host–race formation in a predaceous gall–boring beetle. *Evolution* 57: 168–172.
- Evenari, J., Kadouri, A. & Guterman, Y.** 1977. Eco-physiological investigations on the amphicarp of *Emex spinosa* (L.) Campd. *Flora* 166: 223–238.
- Everett, J. & Doust, A.N.L.** 1992. New species and a new combination in *Pycnosorus* (Asteraceae: Gnaphalieae). *Telopea* 5: 39–43.
- Ewan, J.** 1958. Review: The Genus *Fitchia*. *The Quarterly Review of Biology* 33: 159.
- Eyde, R.H.** 1966. Systematic evolution of the flower and fruit of *Corokia*. *American Journal of Botany* 53: 833–847.
- Ezcurra, C.** 1985. Revisión del género *Chuquiraga* (Compositae – Mutisieae). *Darwiniana* 26: 219–284.
- Ezcurra, C.** 2002. Phylogeny, morphology and biogeography of *Chuquiraga*, an Andean–Patagonian genus of Asteraceae–Barnadesioideae. *Botanical Review* 68: 153–170.
- Fabris, H.A.** 1968. Revisión del género *Proustia* (Compositae). *Revista del Museo de La Plata, Sección Botánica* 11: 23–49.
- Faegri, K. & Iversen, J.** 1975. *Textbook of Pollen Analysis*, ed. 3. Munksgaard, Copenhagen.
- Faegri, K. & Iversen, J.** 1989. *Textbook of Pollen Analysis*. Munksgaard, Copenhagen.
- Faegri, K. & Van der Pijl, L.** 1979. *The Principles of Pollination Ecology*. Pergamon Press, Oxford.
- Fahn, A.** 1979. *Secretory Tissues in Plants*. Academic Press, London.
- Faria, G.M.** 1994. A flora e a fauna apícola de um ecossistema de campo rupestre, Serra de Cipó, Minas Geraes, Brasil: composição, fenologia e suas interações. Ph.D. Thesis, Instituto Biociências, UNESP, RioClaro.
- Farris, J.S.** 1970. Methods of computing Wagner trees. *Systematic Zoology* 19: 83–92.
- Farris, J.S., Albert, V.A., Källersjö, M., Lipscomb, D. & Kluge, A.G.** 1996. Parsimony jackknifing outperforms neighbor–joining. *Cladistics* 12: 99–124.
- Faust, Z.** 1972. A biosystematic study of the Interiores species group of the genus *Vernonia* (Compositae). *Brittonia* 24: 363–378.

- Fayed, A.-A.** 1991. Systematic revision of Compositae in Egypt: 7. Tribe Inuleae: *Phagnalon* and *Leysera*. *Willdenowia* 20: 97–102.
- Fayed, A.-A. & Zareh, M.** 1988. Systematic revision of Compositae in Egypt: 3. Tribe Inuleae: *Filago* and *Ifloga*. *Willdenowia* 17: 115–123.
- Fayed, A.-A. & Zareh, M.** 1989. Systematic revision of Compositae in Egypt. 4. Tribe Inuleae: *Gnaphalium*, and related genera. *Willdenowia* 18: 445–453.
- Fedorončuk, N.M. & Savitskii, V.D.** 1988. Taksonomičeskie i palinomorfoložičeskie zametki k sistematike podtriby Anthemideae (Asteraceae). *Botanicheskii Zhurnal* 73: 55–61.
- Fehlberg, S.D. & Ranker, T.A.** 2007. Phylogeny and biogeography of *Encelia* (Asteraceae) in the Sonoran and Peninsular deserts based on multiple DNA sequences. *Systematic Botany* 32: 692–699.
- Fehrer, J., Gemeinholzer, B., Chrtěk, J., Jr. & Bräutigam, S.** 2007. Incongruent plastid and nuclear DNA phylogenies reveal ancient intergeneric hybridization in *Pilosella* hawkweeds (*Hieracium*, Cichorieae, Asteraceae). *Molecular Phylogenetics and Evolution* 42: 347–361.
- Felippe, G.M. & Labouriau, M.L.S.** 1964. Pollen grains of plants of the “cerrado”. VI – Compositae. Tribus Heliantheae. *Anais da Academia Brasileira de Ciências* 36: 85–101.
- Fennell, C.W., Lindsey, K.L., McGaw, L.J., Sparg, S.G., Stafford, G.I., Elgorash, E.E., Grace, O.M. & Van Staden, J.** 2004. Assessing African medicinal plants for efficacy and safety: pharmacological screening and toxicology. *Journal of Ethnopharmacology* 94: 205–217.
- Fernald, M.L.** 1935. Benjamin Lincoln Robinson (1864–1935). *Proceedings of the American Academy of Arts and Sciences* 71: 539–542.
- Fernández Casas, J. & A. Susanna.** 1986. Monografía de la sección *Chamaecyanus* Willkomm del género *Centaurea* L. *Treballs de l’Institut Botànic de Barcelona* 10: 5–173.
- Ferreira, J.F.S. & Janick, J.** 1996. Distribution of artemisinin in *Artemisia annua*. Pp. 579–584 in: Janick, J. (ed.), *Progress in New Crops*. ASHS Press, Arlington.
- Ferreira, R.** 1944. Revisión del género *Onoseris*. *Journal of the Arnold Arboretum* 25: 349–395.
- Ferreira, R.** 1995. Family Asteraceae: Part VI. *Fieldiana: Botany* 35: 1–101.
- Feuer, S.M. & Dillon, M.O.** 1982. Pollen morphology and ultrastructure of the Liabeae (Asteraceae). *Botanical Society of America, Miscellaneuous Series*, Publication 162: 93. [Abstract.]
- Fiasson, J.L., Gluchoff-Fiasson, K., Mugnier, C., Barghi, N. & Siljak-Yakovlev, S.** 1991. Flavonoid analysis of European species of the genus *Hypochaeris* (Asteraceae). *Biochemical Systematics and Ecology* 19: 157–162.
- Fichtl, R.** 2005. Tree *Vernonia*—*Vernonia amygdalina*. *Bees for Development Journal* 34: <http://www.beesfordevelopment.org>.
- Fick, G.N.** 1989. Sunflower. Pp. 301–318 in: Röbbelen, G., Downey, R.K. & Ashri, A. (eds.), *Oil Crops of the World*. McGraw-Hill, New York.
- Field, B.L., Houben, A., Timmis, J.N. & Leach, C.R.** 2006. Internal transcribed spacer sequence analyses indicate cyto-evolutionary patterns within *Brachycome* Cass. (Asteraceae). *Plant Systematics and Evolution* 259: 39–51.
- Filho, A.P., Rodrigues, L.R. & Rodrigues, T.D.** 1997. Efeitos do potencial alelopático de três leguminosas forrageiras sobre três invasoras de pastagens. *Revista Pesquisa Agropecuária Brasileira* 32: 2.
- Filipiuk, M.** 1997. *George Bentham: Autobiography, 1800–1834*. University of Toronto Press, Toronto.
- Fioretto, A. & Alfani, A.** 1988. Anatomy of succulence and CAM in 15 species of *Senecio*. *Botanical Gazette* 149: 142–152.
- Fischer, H.** 1890. *Beiträge zur vergleichenden Morphologie der Pollenkörner*. Ph.D. Thesis, Breslau University, Breslau.
- Fiz, O., Valcárcel, V. & Vargas, P.** 2002. Phylogenetic position of Mediterranean Astereae and character evolution of daisies (*Bellis*, Asteraceae) inferred from nrDNA ITS sequences. *Molecular Phylogenetics and Evolution* 25: 157–171.
- Fjeldsa, J. & Krabbe, N.** 1990. *Birds of the high Andes*. Zoological Museum, University of Copenhagen, Copenhagen; Apollo Books, Svendborg, Denmark.
- Flint, S.D. & Palmald, I.G.** 1978. Germination dimorphism and developmental flexibility in the ruderal weed *Heterotheca grandiflora*. *Oecologia* 36: 33–43.
- Floate, K.D., Fernandes, G.W. & Nilsson, J.A.** 1996. Distinguishing intrapopulation categories of plants by their insect faunas: galls on rabbitbrush. *Oecologia* 105: 221–229.
- Flora of North America Editorial Committee (eds.)** 2006. Astereae. Pp. 3–539 in: *Flora of North America Editorial Committee (eds.), Flora of North America North of Mexico*, vol. 20, *Magnoliophyta: Asteridae*, part 7, *Asteraceae*, part 2. Oxford University Press, New York.
- Flora of North America Editorial Committee (eds.)** 2006. *Flora of North America North of Mexico*, vol. 8. Oxford University Press, New York.
- Flora of North America Editorial Committee (eds.)** 2006. *Flora of North America*, vols. 19–21, *Asteraceae*, parts 1–3. Oxford University Press, New York.
- Font, M., Garnatje, T., Garcia-Jacas, N. & Susanna, A.** 2002. Delineation and phylogeny of *Centaurea* sect. *Acrocentron* based on DNA sequences: a restoration of the genus *Crocodylium* and indirect evidence of introgression. *Plant Systematics and Evolution* 234: 15–26.
- Fontes, E.M.G., Habeck, D.H. & Slansky, F., Jr.** 1994. Phytophagous insects associated with goldenrods (*Solidago* spp.) in Gainesville, Florida. *Florida Entomologist* 77: 209–221.
- Ford, K., Ward, J.M., Smissen, R.D., Wagstaff, S.J. & Breitwieser, I.** 2007. Phylogeny and biogeography of *Craspedia* (Asteraceae: Gnaphalieae) based on ITS, ETS and *psbA-trnH* sequence data. *Taxon* 56: 783–794.
- Forest, F., Grenyer, R., Rouget, M., Davies, T.J., Cowling, R.M., Faith, D.P., Balmford, A., Manning, J.C., Proches, S., Van der Bank, M., Reeves, G., Hedderson, T.J. & Savolainen, V.** 2007. Preserving the evolutionary potential of floras in biodiversity hotspots. *Nature* 445: 757–760.
- Fosberg, F.R.** 1948. Derivation of the flora of the Hawaiian Islands. Pp. 107–119 in: Zimmerman, E.C., *Insects of Hawaii*, vol. 1. University of Hawaii Press, Honolulu.
- Foster, S. & Johnson, R.I.** 2006. *Desk Reference to Nature’s Medicine*. National Geographic, Washington, D.C.
- Foulis, L., Meynert, M., Rogers, D., Parker, J., Etherington, K., Jackson, H., O’Connor, S., Taylor, M.-L., Stanton, J., Barnard, L., Egerton, L., Grezoux, D., Gillett, G., Imwold, D., Marlborough, V., Mirwis, G., McPhee, M., Samuelson, S., Sandall, P., Shrub, S. & Simpson, J. (eds.)** 2001. *The Plant Book*. James Mills-Hicks, Hong Kong.
- Fowler, D.G.** 2006. *Traditional Fever Remedies: A List of Zambian Plants*. D.G. Fowler, Lusaka.
- Francisco-Ortega, J., Barber, J.C., Santos-Guerra, A., Febles-Hernández, R. & Jansen, R.K.** 2001. Origin and evolution of the endemic genera of Gonosperminae (Asteraceae: Anthemideae) from the Canary Islands: evidence from nucleotide sequences of the internal transcribed spacers of the nuclear ribosomal DNA. *American Journal of Botany* 88: 161–169.

- Francisco-Ortega, J., Crawford, D.J., Santos-Guerra, A. & Jansen, R.K.** 1997. Origin and evolution of *Argyranthemum* (Asteraceae: Anthemideae) in Macaronesia. Pp. 407–431 in: Givnish, T.J. & Sytsma, K.J. (eds.), *Molecular Evolution and Adaptive Radiation*. Cambridge University Press, Cambridge.
- Francisco-Ortega, J., Jansen, R.K. & Santos-Guerra, A.** 1996. Chloroplast DNA evidence of colonization, adaptive radiation, and hybridization in the evolution of the Macaronesian flora. *Proceedings of the National Academy of Sciences of the United States of America* 93: 4085–4090.
- Francisco-Ortega, J., Santos-Guerra, A., Hines, A. & Jansen, R.** 1997. Molecular evidence for a Mediterranean origin of the Macaronesian endemic genus *Argyranthemum* (Asteraceae). *American Journal of Botany* 84: 1595–1613.
- Francisco-Ortega, J., Santos-Guerra, A., Kim, S.-C. & Crawford, D.J.** 2000. Plant genetic diversity in the Canary Islands: a conservation perspective. *American Journal of Botany* 87: 909–919.
- Freiburghaus, F., Ogwal, E.N., Nkunya, M.H.H., Kaminisky, R. & Brun, R.** 1996. In vitro antitrypanosomal activity of African plants used in traditional medicine in Uganda to treat sleeping sickness. *Tropical Medicine and International Health* 1: 765–771.
- Freire, M.D.F.I., Abreu, H.D.S., DaCruz, L.C.H. & Freire, R.B.** 1996. Inhibition of fungal growth by extracts of *Vernonia scopioides* (Lam.) Pers. *Revista de Microbiología* 27: 1–6.
- Freire, S.E.** 1986. *Novenia*: nuevo género de Inuleae (Compositae). *Boletín de la Sociedad Argentina de Botánica* 24: 295–304.
- Freire, S.E.** 1986. Revisión del género *Lucilia* (Compositae, Inuleae). *Darwiniana* 27: 431–490.
- Freire, S.E.** 1987. A cladistic analysis of *Lucilia* Cass. (Compositae Inuleae). *Cladistics* 3: 254–272.
- Freire, S.E.** 1989. *Oligandra* Less. is *Lucilia* Cass. (Compositae, Inuleae). *Taxon* 38: 298–299.
- Freire, S.E.** 1993. A revision of *Chionolaena* (Compositae: Gnaphalioideae). *Annals of the Missouri Botanical Garden* 80: 397–438.
- Freire, S.E.** 2007. Systematic revision and phylogeny of *Ainsliaea* DC. (Asteraceae, Mutisieae). *Annals of the Missouri Botanical Garden* 94: 79–191.
- Freire, S.E. & Hellwig, F.** 1990. A new combination in *Novenia* (Compositae: Inuleae). *Taxon* 39: 124–125.
- Freire, S.E. & Katinas, L.** 1995. Morphology and ontogeny of the cypselae hairs of Nassauviinae (Asteraceae, Mutisieae). Pp. 107–143 in: Hind, D.J.N., Jeffrey, C. & Pope, G.V. (eds.), *Advances in Compositae Systematics*. Royal Botanic Gardens, Kew.
- Freire, S.E., Katinas, L. & Sancho, G.** 2002. *Gochmatia* (Asteraceae: Mutisieae) and the *Gochmatia* complex: taxonomic implications from morphology. *Annals of the Missouri Botanical Garden* 89: 525–550.
- Freire, S.E., Sancho, G., Urtubey, E., Bayon, N., Katinas, L., Giuliano, D., Gutiérrez, D., Saenz, A.A., Iharlegui, L., Monti, C. & Delucchi, G.** 2005. Catalogue of Asteraceae of Chacoan Plain, Argentina. *Compositae Newsletter* 43: 1–126.
- Fries, M.** 1949. Den nordiska utbredningen av *Lactuca alpina*, *Aconitum septentrionale*, *Ranunculus plataniifolius* och *Polygonatum verticillatum*. *Acta Phytogeographica Suecica* 24: 1–80.
- Fujimoto, Y., Kinoshita, T., Ikekawa, N. & Mungarulier, J.** 1987. Sesquiterpene lactones from *Gutenbergia cordifolia*. *Phytochemistry* 26: 9.
- Fujisaka, S., Escobar, G. & Venekiaas, E.** 1997. Plant community diversity relative to human land uses in an Amazon forest colony. *Biodiversity and Conservation* 7: 41–57.
- Funk, D.J., Futuyma, D.J., Orti, G. & Meyer, A.** 1995. A history of host associations and evolutionary diversification for *Ophraella* (Coleoptera: Chrysomelidae): new evidence from mitochondrial DNA. *Evolution* 49: 1008–1017.
- Funk, D.J., Futuyma, D.J., Orti, G. & Meyer, A.** 1995. Mitochondrial DNA sequences and multiple datasets: a phylogenetic study of phytophagous beetles (Chrysomelidae: *Ophraella*). *Molecular Biology and Evolution* 12: 627–640.
- Funk, V.A.** 1970. Preface and Curriculum Vitae of José Cuatrecasas. Pp. 1–12 in: **Cuatrecasas, J.**, *Brunelliaceae Supplement*. Flora Neotropica Monographs 2 supplement. New York Botanical Garden Press, New York.
- Funk, V.A.** 1985. Phylogenetic patterns and hybridization. *Annals of the Missouri Botanical Garden* 72: 681–715.
- Funk, V.A.** 1997. *Misbrookea*, a new monotypic genus removed from *Werneria* s.l. (Compositae: Senecioneae). *Brittonia* 49: 110–117.
- Funk, V.A.** 1997. *Xenophyllum*, a new Andean genus extracted from *Werneria* s.l. (Compositae: Senecioneae). *Novon* 7: 235–241.
- Funk, V.A.** 2005. 150 years of thistles, daisies, and sunflowers. *Plant Press* 8(1): 1, 9–11.
- Funk, V.A.** 2006. Curating the collections of José Cuatrecasas Arumí (1903–1996). *Plant Press* 9(1): 9–10.
- Funk, V.A., Bayer, R.J., Keeley, S., Chan, R., Watson, L., Gemeinholzer, B., Schilling, E., Panero, J.L., Baldwin, B.G., Garcia-Jacas, N., Susanna, A. & Jansen, R.K.** 2005. Everywhere but Antarctica: using a supertree to understand the diversity and distribution of the Compositae. *Biologiske Skrifter* 55: 343–374.
- Funk, V.A. & Brooks, D.R.** 1991. Phylogenetic systematics as the basis of comparative biology. *Smithsonian Contributions to Botany* 73: 1–45.
- Funk, V.A. & Chan, R.** 2008. Phylogeny of the spiny African daisies (Compositae, tribe Arctotideae, subtribe Gorteriinae) based on *trnL-F*, *ndhF*, and ITS sequence data. *Molecular Phylogenetics and Evolution* 48: 47–60.
- Funk, V.A., Chan, R. & Holland, A.E.** 2007. *Cymbonotus* (Compositae: Arctotideae, Arctotidinae): an endemic Australian genus embedded in a southern African clade. *Botanical Journal of the Linnean Society* 153: 1–8.
- Funk, V.A., Chan, R. & Keeley, S.C.** 2004. Insights into the evolution of the tribe Arctoteae (Compositae: subfamily Cichorioideae s.s.) using *trnL-F*, *ndhF* and ITS. *Taxon* 53: 637–655.
- Funk, V.A. & Robinson, H.** 2001. A bully new genus from the Andes (Compositae: Liabeae). *Systematic Botany* 26: 216–225.
- Funk, V.A. & Robinson, H.** 2009. A new tribe Platycarphaeae and a new genus *Platycarphella* in the Cichorioideae (Compositae or Asteraceae). *Compositae Newsletter* 47: 24–47.
- Funk, V.A. & Robinson, H.E.** 2005. Daisies and sunflowers: family Asteraceae. Chapter 5.7 in: Krupnick, G.A. & Kress, W.J. (eds.), *Plant Conservation. A Natural History Approach*. University of Chicago Press, Chicago and London.
- Funk, V.A., Robinson, H. & Dillon, M.O.** 1996. Liabeae: taxonomy, phylogeny and biogeography. Pp. 545–567 in: Hind, D.J.N. & Beentje, H.J. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Funk, V.A., Robinson, H. & Dillon, M.O.** 2007 [2006]. Liabeae (Asteraceae). Pp. 175–180 in: Kubitzki, K. & Jeffrey, J.W. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Funk, V.A., Robinson, H., McKee, G.S. & Pruski, J.F.** 1995. Neotropical montane Compositae with an emphasis on

- the Andes. Pp. 451–471 in: Churchill, S. & Balslev, H. (eds.), *Biodiversity and Conservation of Neotropical Montane Forests*. New York Botanical Garden, New York.
- Funk, V.A. & Specht, C.** 2007. Meta-trees: grafting for a global perspective. *Proceedings of the Biological Society of Washington* 120: 232–240.
- Funk, V.A. & Zermoglio, M.F.** 1999. A revision of *Chrysactinium* (Compositae: Liabeae). *Systematic Botany* 24: 323–338.
- Futuyma, D.J., Keese, M.C. & Scheffer, S.J.** 1993. Genetic constraints and the phylogeny of insect–plant associations: responses of *Ophraella communa* (Coleoptera: Chrysomelidae) to host plants of its congeners. *Evolution* 47: 888–905.
- Futuyma, D.J. & McCafferty, S.S.** 1990. Phylogeny and the evolution of host plant associations in the leaf beetle genus *Ophraella* (Coleoptera, Chrysomelidae). *Evolution* 44: 1885–1913.
- Gadek, P.A., Bruhl, J.J. & Quinn, C.J.** 1989. Exine structure in the ‘Cotuleae’ (Anthemideae, Asteraceae). *Grana* 28: 163–178.
- Gaiser, L.O.** 1954. Studies in the Kuhniinae (Eupatorieae), II. *Journal of the Arnold Arboretum* 35: 87–133.
- Galbany-Casals, M., Garcia-Jacas, N., Susanna, A., Sáez, L. & Benedí, C.** 2004. Phylogenetic relationships in the Mediterranean *Helichrysum* (Asteraceae, Gnaphalieae) based on nuclear rDNA ITS sequence data. *Australian Systematic Botany* 17: 241–253.
- Galbany-Casals, M., Sáez, L. & Benedí, C.** 2004. Notes taxonòmiques en plantes mediterrànies. *Butlletí de la Institució Catalana d’Història Natural* 71: 133–134.
- Galbany-Casals, M., Sáez, L. & Benedí, C.** 2004. Taxonomy of *Castroviejoa*, a new genus of Gnaphalieae (Asteraceae), endemic to the Mediterranean Islands Corsica and Sardinia. *Australian Systematic Botany* 17: 581–591.
- Galbany-Casals, M., Sáez, L. & Benedí, C.** 2006. A taxonomic revision of *Helichrysum* sect. *Stoichadina* (Asteraceae, Gnaphalieae). *Canadian Journal of Botany* 84: 1203–1232.
- Galetto, L.** 1995. Estudios sobre el néctar y los nectarios en *Hyaloseris rubicunda* y *Barnadesia odorata* (Asteraceae–Mutisidae). *Darwiniana* 33: 127–133.
- Galiano, N. & Hunziker, J.** 1987. Estudios cariológicos en Compositae. IV. Vernonieae y Eupatorieae. *Darwiniana* 28: 1–8.
- Gamalei, Yu.V.** 2004. *Transport System of Vascular Plants*. Publishing House of St. Petersburg State University, St. Petersburg. [In Russian]
- Gamerro, J.C.** 1985. Morfología del polen de *Huarpea*. *Darwiniana* 26: 43–51.
- Gamerro, J.C.** 1990. Identidad de *Pseudostiffia* con *Moquinia* (Compositae) y consideraciones sobre la ubicación tribal del taxon. *Darwiniana* 30(1–4): 123–136.
- Ganders, F.R., Berbee, M. & Pirseyedi, M.** 2000. ITS base sequence phylogeny in *Bidens* (Asteraceae): evidence for the continental relatives of Hawaiian and Marquesan *Bidens*. *Systematic Botany* 25: 122–133.
- Garaas, S.D., Hunter, T.J. & O’Doherty, G.** 2002. An enantioselective synthesis of tarchonanthuslactone. *Journal of Organic Chemistry* 67: 2682–2685.
- García, M.** 1997. José Cuatrecasas (1903–1996). *Taxon* 46: 132–134.
- García, S., Garnatje, T., Hidalgo, O., McArthur, E.D., Siljak-Yakovlev, S. & Vallès, J.** 2007. Extensive ribosomal DNA (18S–5.8S–26S and 5S) colocalization in the North American endemic sagebrushes (*Tridentatae*, *Artemisia*) revealed by FISH. *Plant Systematics and Evolution* 267: 79–92.
- García-Jacas, N., Galbany-Casals, M., Romashchenko, K. & Susanna, A.** 2008. On the conflicting generic delineation in the *Onopordum* group (Compositae, Cardueae–Carduinae): a combined nuclear and plastid molecular approach. *Australian Systematic Botany* 21: 301–311.
- García-Jacas, N., Garnatje, T., Susanna, A. & Vilatersana, R.** 2002. Tribal and subtribal delimitation and phylogeny of the Cardueae (Asteraceae): a combined nuclear and chloroplast DNA analysis. *Molecular Phylogenetics and Evolution* 22: 51–64.
- García-Jacas, N. & Susanna, A.** 1992. Karyological notes on *Centaurea* sect. *Acrocentron*. *Plant Systematics and Evolution* 179: 1–18.
- García-Jacas, N., Susanna, A., Garnatje, T. & Vilatersana, R.** 2001. Generic delimitation and phylogeny of the subtribe Centaureinae (Asteraceae): a combined nuclear and chloroplast DNA analysis. *Annals of Botany (London)* 87: 503–515.
- García-Jacas, N., Susanna, A. & Ilarslan, R.** 1996. Aneuploidy in the Centaureinae (Compositae): is $n = 7$ the end of the series? *Taxon* 45: 39–42.
- García-Jacas, N., Susanna, A., Ilarslan, R. & Ilarslan, H.** 1997. New chromosome counts in the subtribe Centaureinae (Asteraceae, Cardueae) from West Asia. *Botanical Journal of the Linnean Society* 125: 343–349.
- García-Jacas, N., Susanna, A. & Mozaffarian, V.** 1998. New chromosome counts in the subtribe Centaureinae (Asteraceae, Cardueae) from West Asia, III. *Botanical Journal of the Linnean Society* 128: 413–422.
- García-Jacas, N., Susanna, A., Mozaffarian, V. & Ilarslan, R.** 2000. The natural delimitation of *Centaurea* (Asteraceae: Cardueae): ITS sequence analysis of the *Centaurea jacea* group. *Plant Systematics and Evolution* 223: 185–199.
- García-Jacas, N., Susanna, A., Vilatersana, R. & Guara, M.** 1998. New chromosome counts in the subtribe Centaureinae (Asteraceae, Cardueae) from West Asia, II. *Botanical Journal of the Linnean Society* 128: 403–412.
- García-Jacas, N., Uysal, T., Romaschenko, K., Suárez-Santiago, V.N., Ertug˘rul, K. & Susanna, A.** 2006. *Centaurea* revisited: a molecular survey of the *Jacea* group. *Annals of Botany (London)* 98: 741–753.
- Garnatje, T., Susanna, A., García-Jacas, N., Vilatersana, R. & Vallès, J.** 2005. A first approach to the molecular phylogeny of the genus *Echinops* L. (Asteraceae): sectional delimitation and relationships with the genus *Acantholepis* Less. *Folia Geobotanica Phytotaxonomica* 40: 407–419.
- Gastmans, J.P., Furlan, M., Lopes, M.N., Borges, J.H.G. & Emerenciano, V.P.** 1990. A inteligência artificial aplicada à química de produtos naturais. O Programa SISTEMAT. Parte I – Bases teóricas. *Química Nova* 13: 10–16.
- Gastmans, J.P., Furlan, M., Lopes, M.N., Borges, J.H.G. & Emerenciano, V.P.** 1990. A inteligência artificial aplicada à química de produtos naturais. O Programa SISTEMAT. Parte II – Organização do Programa e Aplicativos. *Química Nova* 13: 75–80.
- Gastony, G.J.** 1991. Gene silencing in a polyploid homosporous fern: paleopolyploidy revisited. *Proceedings of the National Academy of Sciences of the United States of America* 88: 1602–1605.
- Gatesy, J., Matthee, C., DeSalle, R. & Hayashi, C.** 2002. Resolution of a supertree/supermatrix paradox. *Systematic Biology* 51: 652–664.
- Gatt, M., Ding, H., Hammett, K. & Murray, B.** 1998. Polyploidy and evolution in wild and cultivated *Dahlia* species. *Annals of Botany* 81: 647–656.
- Gatt, M., Hammett, K.R.W. & Murray, B.G.** 2000. Molec-

- ular phylogeny of the genus *Dahlia* Cav. (Asteraceae, Heliantheae, Coreopsidinae) using sequences derived from the internal transcribed spacers of nuclear ribosomal DNA. *Botanical Journal of the Linnean Society* 133: 229–239.
- Gay, C.** 1847. *Historia Física y Política de Chile*, vol. 3. Museo de Historia Natural de Santiago, Santiago de Chile.
- Gelfand, M., Mavi, S., Drummond, R.B. & Ndemera, B.** 1985. *The Traditional Medical Practitioner in Zimbabwe*. Mambo Press, Gweru.
- Gemeinholzer, B. & Bachmann, K.** 2003. Reconstruction of the phylogeny of the Lactuceae (Asteraceae) using the Internal Transcribed Spacer regions ITS 1+2. *Compositae Newsletter* 40: 15–16.
- Gemeinholzer, B. & Bachmann, K.** 2005. Examining morphological and molecular diagnostic character states in *Cichorium intybus* L. (Asteraceae) and *Cichorium spinosum* L. *Plant Systematics and Evolution* 253: 105–123.
- Gentry, A.H.** 1982. Neotropical floristic diversity: phytogeographical connections between Central and South America, Pleistocene climatic fluctuations, or an accident of the Andean orogeny? *Annals of the Missouri Botanical Garden* 69: 557–593.
- Germeraad, J.H., Hopping, C.A. & Muller, J.** 1968. Palynology of Tertiary sediments from tropical areas. *Review of Palaeobotany and Palynology* 6: 189–348.
- Gershenzon, J.** 1994. Metabolic costs of terpenoid accumulation in higher plants. *Journal of Chemical Ecology* 20: 1281–1328.
- Ghafoor, A.** 1992. *Artemisiella*, a new genus of Compositae based on *Artemisia stracheyii* Hook. f. & Thoms. ex Clarke. *Candollea* 47: 635–643.
- Ghiglione, M.C., Yagupsky, D., Ghidella, M. & Ramos, V.A.** 2008. Continental stretching preceding the opening of the Drake Passage: evidence from Tierra del Fuego. *Geology* 36: 643–646.
- Ghisalberti, E.** 2004. The Goodeniaceae. *Fitoterapia* 5: 429–446.
- Giannasi, D.E.** 1975. The flavonoid systematics of the genus *Dahlia* (Compositae). *Memoirs of the New York Botanical Garden* 26: 1–125.
- Gibbs, A.K. & Barron, C.N.** 1993. *The Geology of the Guiana Shield*. Oxford University Press, New York.
- Gibbs, P. E. & Ingram, R.** 1982. Chromosome numbers of some Brazilian flowering plants. *Notes from the Royal Botanic Garden, Edinburgh* 40: 399–407.
- Gibson, J.P.** 2000. Ecological and genetic comparison between ray and disc achene pools of the heteromorphic species *Prionopsis ciliata* (Asteraceae). *International Journal of Plant Sciences* 162: 137–145.
- Gilbert, M.G.** 1986. A revision of the *Vernonia galamensis* complex; notes on East African Vernoniae (Compositae). *Kew Bulletin* 41: 19–35.
- Gilbert, M.G. & Jeffrey, C.** 1988. Revision of *Ethulia* (Compositae: Vernoniae). *Kew Bulletin* 43: 165–193.
- Gill, L.S. & Omoigui, D.I.** 1992. Chromosome numbers in some Nigerian Compositae. *Compositae Newsletter* 20–21: 12–16.
- Gillet, J.B.** 1962. Pest pressure—an underestimated factor in evolution. *Systematics Association Publication* 4: 37–46.
- Giner, R.M., Recio, M., Cuéllar, M.J., Manez, S., Peris, J.B., Stübing, G., Mateu, I. & Ríos, J.-L.** 1993. A taxonomic study of the subtribe Leontodontinae based on the distribution of phenolic compounds. *Biochemical Systematics and Ecology* 21: 613–616.
- Giroux, M.** 1930. Sur la carpologie de quelques Composées nord-africaines. *Bulletin de la Société d'Histoire Naturelle de l'Afrique du Nord* 21: 161–189.
- Giroux, M.** 1933. Note sur la position systématique de *Chrysanthemum cinerariifolium* (Trev.) Vis. *Bulletin de la Société d'Histoire Naturelle de l'Afrique du Nord* 24: 54–62.
- Giseke, P.D.** 1792. *Praelectiones in Ordines Naturales Plantarum*. Hoffmann, Hamburg.
- Giuliano, D.** 2000. 280, Asteraceae, parte 15, Tribu III. Astereae, parte A, Subtribu C Baccharinae. Vol. 66 of: Hunziker, A.T. (ed.), *Flora Fanerogámica Argentina*. CONICET, Córdoba.
- Given, D.R. & Gray, M.** 1986. *Celmisia* (Compositae–Astereae) in Australia and New Zealand. Pp. 451–470 in: Burlow, B.A. (ed.), *The Flora and Fauna of Alpine Australia, Ages and Origins*. CSIRO, Melbourne.
- Given, D.R.** 1969. A synopsis of infrageneric categories in *Celmisia* (Astereae–Compositae). *New Zealand Journal of Botany* 7: 400–418.
- Given, D.R.** 1973. *Dammamenia* gen. nov. A new subantarctic genus allied to *Celmisia* Cass. (Astereae–Compositae). *New Zealand Journal of Botany* 11: 785–796.
- Given, D.R.** 1984. A taxonomic revision of *Celmisia* subgenus *Pelliculatae* section *Petiolatae* (Compositae–Astereae). *New Zealand Journal of Botany* 22: 139–158.
- Gleason, H.A. & Cronquist, A.** 1991. *Manual of the Vascular Plants of Northeastern United States and Adjacent Canada*, ed. 2. New York Botanical Garden Press, New York.
- Gleason, H.A.** 1906. A revision of the North American Vernoniaeae. *Bulletin of the New York Botanical Garden* 4: 144–243.
- Gleason, H.A.** 1922. Vernoniaeae. *North American Flora* 33: 52–95.
- Gleason, H.A.** 1923. Evolution and geographical distribution of the genus *Vernonia* in North America. *American Journal of Botany* 10: 187–202.
- Gleason, H.A.** 1923. The Bolivian species of *Vernonia*. *American Journal of Botany* 10: 297–309.
- Glendinning, J.I., Valcic, S. & Timmermann, B.N.** 1998. Maxillary palps can mediate taste rejection of plant allelochemicals by caterpillars. *Journal of Comparative Physiology A Sensory, Neural, and Behavioral Physiology* 183: 35–43.
- Glenny, D.** 1997. A revision of the genus *Anaphalioides* (Asteraceae: Gnaphalieae). *New Zealand Journal of Botany* 35: 451–477.
- Glenny, D.S. & Wagstaff, S.** 1997. Evolution and biogeography of New Zealand *Anaphalis* (Asteraceae: Gnaphalieae) inferred from rDNA sequences. *New Zealand Journal of Botany* 35: 441–449.
- Goebel, K.** 1932. Morphologische und biologische Bemerkungen. 33. *Barnadesia*. *Flora* 126: 294–302.
- Goertzen, L.R., Cannone, J.J., Gutell, R.R. & Jansen, R.K.** 2003. ITS secondary structure derived from comparative analysis: implications for sequence alignment and phylogeny of the Asteraceae. *Molecular Phylogenetics and Evolution* 29: 216–234.
- Goertzen, L.R., Francisco-Ortega, J., Santos-Guerra, A., Mower, J.P., Linder, C.R. & Jansen, R.K.** 2002. Molecular systematics of the *Asteriscus* alliance (Asteraceae: Inuleae) II: combined nuclear and chloroplast data. *Systematic Botany* 27: 815–823.
- Goldblatt, P.** 1978. An analysis of the flora of southern Africa: its characteristics, relationships, and origins. *Annals of the Missouri Botanical Garden* 65: 369–436.
- Goldblatt, P.** 1987. Chromosome cytology of *Oldenburgia* (Compositae–Mutisieae). *Annals of the Missouri Botanical Garden* 74: 331–332.

- Goldblatt, P.** 1989. Miscellaneous chromosome counts in Compositae, Bignoniaceae, Proteaceae and Fabaceae. *Annals of the Missouri Botanical Garden* 76: 1186–1188.
- Goldblatt, P. & Johnson, D.E. (eds.)**. 1990. *Index to Plant Chromosome Numbers 1986–1987*. Monographs in Systematic Botany from the Missouri Botanical Garden 30. Missouri Botanical Garden Press, St. Louis.
- Goldblatt, P. & Johnson, D.E. (eds.)**. 2006. *Index to Plant Chromosome Numbers 2001–2003*. Monographs in Systematic Botany from the Missouri Botanical Garden 106. Missouri Botanical Garden Press, St. Louis.
- Goldblatt, P. & Manning, J.** 2000. *Cape Plants. A Conspectus of the Cape Flora of South Africa*. Strelitzia 9. SANBI, Pretoria.
- Goldblatt, P. & Manning, J.C.** 2002. Plant diversity of the Cape region of South Africa. *Annals of the Missouri Botanical Garden* 89: 281–302.
- Golding, J.S. & Timberlake, J.** 2003. How taxonomists can bridge the gap between taxonomy and conservation science. *Conservation Biology* 17: 1177–1178.
- González, A.G.** 1977. Lactuceae—a chemical review. Pp. 1081–1095 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*. Academic Press, London.
- González, A.G., Estévez-Reyes, R., Estévez-Braun, A., Ravelo, A.G., Jiménez, I.A., Bazzocchi, I.L., Aguilar, M.A. & Mujir, L.** 1997. Biological activities of some *Argyranthemum* species. *Phytochemistry* 45: 963–967.
- Gopinathan, K. & Varatharajan, R.** 1982. On the morphology, topography and the significance of stomata on floral nectaries of some Compositae. *Phytomorphology* 32: 265–269.
- Gordon-Gray, K.D. (ed.)**. 2003. *Medicinal Plants Traded on South Africa's Eastern Seaboard*. Ethekwini Parks Department and University of Natal, Durban, South Africa.
- Goremykin, V.V., Hirsch-Ernst, K.I., Wolf, S. & Hellwig, F.H.** 2004. The chloroplast genome of *Nymphaea alba*: whole-genome analyses and the problem of identifying the most basal angiosperm. *Molecular Biology and Evolution* 21: 1445–1454.
- Gossin, J.** 1834. Notice sur M. De Cassini. Pp. i–xxix in: Cassini, H., *Opusculs Phytologiques*, vol. 3. Paris.
- Goto, T., Kondo, T., Kawai, T. & Tamura, H.** 1984. Structure of cinerarin, a tetra-acylated anthocyanin isolated from the blue garden cineraria, *Senecio cruentus*. *Tetrahedron Letters* 25: 6021–6024.
- Gottlieb, L.D.** 1981. Gene number in species of Astereae that have different chromosome numbers. *Proceedings of the National Academy of Sciences of the United States of America* 78: 3726–3729.
- Gottlieb, O.R.** 1982. *Micromolecular Evolution, Systematics and Ecology. An Essay Into a Novel Botanical Discipline*. Springer, Heidelberg.
- Gottlieb, O.R.** 1989. The role of oxygen in phytochemical evolution, towards diversity. *Phytochemistry* 28: 2545–2558.
- Gottlieb, O.R.** 1993. Phytochemical evolution: the redox theory. *Natural Products Letters* 2: 171–176.
- Gowe, A.K. & Brewer, J.S.** 2005. The evolution of fire-dependent flowering in goldenasters (*Pityopsis* spp.). *Journal of the Torrey Botanical Club* 132: 384–400.
- Grael, C.F.F., Albuquerque, S. & Lopes, J.L.C.** 2005. Chemical constituents of *Lychnophora pohlii* and trypanocidal activity of crude plant extracts and of isolated compounds. *Fitoterapia* 76: 73–82.
- Grael, C.F.F., Vichnewski, W., Petto de Souza, G.E., Callegari Lopes, J.L., Albuquerque, S. & Cunha, W.R.** 2000. A study of the trypanocidal and analgesic properties from *Lychnophora granmongolense* (Duarte) Semir & Leitão Filho. *Phytotherapy Research* 14: 203–206.
- Graf, A.B.** 1974. *Exotic Plant Manual*. Roehrs Co., East Rutherford.
- Graham, A.** 1996. A contribution to the geologic history of the Compositae. Pp. 123–140 in: Hind, D.J.N. & Beentje, H.J. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Graham, J.G., Quinn, M.L., Fabricant, D.S., Farnsworth, N.R.** 2000. Plants used against cancer—an extension of the work of Jonathan Hartwell. *Journal of Ethnopharmacology* 73: 347–377.
- Granda P., A.** 1997. Una nueva especie de *Chuquiraga* (Asteraceae–Mutisieae) del Perú. *Kurtziana* 25: 151–156.
- Grant, V.** 1958. The regulation of recombination in plants. *Cold Spring Harbor Symposia on Quantitative Biology* 23: 337–363.
- Grass, S., Zidorn, C., Blattner, F.R. & Stuppner, H.** 2006. Comparative molecular and phytochemical investigation of *Leontodon autumnalis* (Asteraceae, Lactuceae) populations from Central Europe. *Phytochemistry* 67: 122–131.
- Grau, J.** 1973. Revision der Gattung *Felicia* (Asteraceae). *Mitteilungen der Botanischen Staatssammlung München* 4: 195–705.
- Grau, J.** 1977. Astereae—systematic review. Pp. 539–565 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 1. Academic Press, London.
- Grau, J.** 1980. Die Testa der Mutisieae und ihre systematische Bedeutung. *Mitteilungen der Botanischen Staatssammlung München* 16: 269–332.
- Grau, J.** 1988. Obituary: Hermann Merxmüller (1920–1988). *Bothalia* 18: 325–328.
- Grau, J. & Lippert, W.** 1988. Hermann Merxmüller 1920–1988. *Berichte der Bayerischen Botanischen Gesellschaft zur Erforschung der heimischen Flora* 59: 175–179.
- Gray, A.** 1852. Quarterly meeting, August 8, 1849. *Proceedings of the American Academy of Arts and Sciences* 2: 159–160.
- Gray, A.** 1878–1897. *Synoptical Flora of North America*, 2 vols. Ivison, Blakeman, Taylor & Co., New York.
- Gray, A.** 1882. Contributions to North American Botany. *Botanical Gazette* 7: 100–101.
- Gray, M. & Given, D.** 1999. *Celmisia*. Pp. 912–916 in Walsh, N.G. & Entwistle, T.J. (eds.), *Flora of Victoria*, vol. 4. Inkata Press, Melbourne.
- Gray, M. & Given, D.** 1999. New species and a new combination in Australian *Celmisia* (Asteraceae–Astereae). *Australian Systematic Botany* 12: 201–206.
- Greene, E.L.** 1983. *Landmarks of Botanical History*. Stanford University Press, Stanford.
- Greger, H.** 1977. *Anthemideae*—chemical review. Pp. 899–941 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 2. Academic Press, London, New York and San Francisco.
- Greuter, W.** 1973. Monographie der Gattung *Ptilostemon* (Compositae). *Boissiera* 22: 9–215.
- Greuter, W.** 1968. Contributio floristica austro-aegaea 13. *Candollea* 23: 145–150.
- Greuter, W.** 2003. The Euro+Med treatment of Gnaphalieae and Inuleae (Compositae)—generic concepts and required new names. *Willdenowia* 33: 239–244.
- Greuter, W., Aghababian, M. & Wagenitz, G.** 2005. Vaillant on Compositae—systematic concepts and nomenclatural impact. *Taxon* 54: 149–174.
- Greuter, W., Gutermann, W. & Talavera, S.** 2006. A prelim-

- inary conspectus of *Scorzoneroideae* (Compositae, Cichorieae) with validation of the required new names. *Willdenowia* 36: 689–692.
- Greuter, W., Oberprieler, C. & Vogt, R.** 2003. The Euro + Med treatment of *Anthemideae* (Compositae)—generic concepts and required new names. *Willdenowia* 33: 37–43.
- Greuter, W., Wagenitz, G., Aghababian, M. & Hellwig, F.H.** 2001. Proposal to conserve the name *Centaurea* (Compositae) with a conserved type. *Taxon* 50: 1201–1205.
- Grew, N.** 1682. *The Anatomy of Plants. With an Idea of a Philosophical History of Plants. And Several Other Lectures, Read Before the Royal Society.* W. Rawlins, London.
- Grieve, B.J. & Blackall, W.E.** 1975. *How to Know Western Australian Wildflowers*, vol. 4. University of Western Australia Press, Nedlands.
- Groves, R.H., Hosking, J.R., Batianoff, G.N., Cooke, D.A., Cowie, I.D., Johnson, R.W., Keighery, G.J., Lepschi, B.J., Mitchell, A.A., Moerkerk, M., Randall, R.P., Rozefelds, A.C., Walsh, N.G. & Waterhouse, B.M.** 2003. *Weed Categories for Natural and Agricultural Ecosystem Management.* Bureau of Rural Sciences, Canberra.
- Gruentstaedl, M., Urtubey, E., Jansen, R.K., Samuel, R., Barfuss, M.H.J. & Stuessy, T.F.** 2009. Phylogeny of Barnadesioideae (Asteraceae) inferred from DNA sequence data and morphology. *Molecular Phylogenetics and Evolution* 51: 572–587.
- Gu, H.-Y. & Hoch, P.C.** 1997. Systematics of *Kalimeris* (Asteraceae: Astereae). *Annals of the Missouri Botanical Garden* 84: 762–814.
- Gu, H.-Y., Zhao, X.L., Qu, L.J., Wen, L.X. & Chen, Z.L.** 1994. Preliminary studies in the phylogeny of *Kalimeris yomena* subsp. *yomena* and two other taxa using RFLP analysis. *Cathaya* 6: 27–34.
- Guo, Y.-P., Ehrendorfer, F. & Samuel, R.** 2004. Phylogeny and systematics of *Achillea* (Asteraceae-Anthemideae) inferred from nrITS and plastid *trnL-F* DNA sequences. *Taxon* 53: 657–672.
- Guo, Y.-P., Saukel, J., Mittermayr, R. & Ehrendorfer, F.** 2005. AFLP analyses demonstrate genetic divergence, hybridization, and multiple polyploidization in the evolution of *Achillea* (Asteraceae-Anthemideae). *New Phytologist* 166: 273–290.
- Gupta, R.C. & Gill, B.S.** 1984. Intraspecific polyploidy in some Indian species of Compositae. *Journal of Cytology and Genetics* 19: 21–26.
- Gupta, R.C. & Gill, B.S.** 1989. Cytopalynology of north and central Indian Compositae. *Journal of Cytology and Genetics* 24: 96–105.
- Gupta, R.C., Gill, B.S. & Garg, R.K.** 1989. Chromosomal conspectus of western Himalayan Compositae. *Aspects of Plant Sciences* 11: 427–437.
- Gustafsson, M.H.G.** 1995. Petal venation in the Asterales and related orders. *Botanical Journal of the Linnean Society* 118: 1–18.
- Gustafsson, M.H.G.** 1996. Phylogenetic hypotheses for Asteraceae relationships. Pp. 9–19 in: Hind, D.J.N. & Beentje, H.J. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Gustafsson, M.H.G.** 2007 [2006]. Carpodetaceae. Pp. 57–60 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Gustafsson, M.H.G., Backlund, A. & Bremer, B.** 1996. Phylogeny of the Asterales sensu lato based on *rbcL* sequences with particular reference to the Goodeniaceae. *Plant Systematics and Evolution* 199: 217–242.
- Gustafsson, M.H.G. & Bremer, K.** 1995. Morphology and phylogenetic interrelationships of the Asteraceae, Calyceraceae, Campanulaceae, Goodeniaceae, and related families (Asterales). *American Journal of Botany* 82: 250–265.
- Gustafsson, M.H.G., Grafstrom, E. & Nilsson, S.** 1997. Pollen morphology of the Goodeniaceae and comparisons with related families. *Grana* 36: 185–207.
- Gustafsson, M.H.G., Pepper, A.S.-R., Albert, V.A. & Källersjö, M.** 2001. Molecular phylogeny of the Barnadesioideae (Asteraceae). *Nordic Journal of Botany* 21: 149–160.
- Gutiérrez, D.G.** 2003. Reincorporación del género *Liabum* (Asteraceae, Liabeae) a la flora argentina y primer registro de *L. acuminatum* para el país. *Darwiniana* 41: 70–101.
- Gutiérrez, D.G. & Katinas, L.** 2006. To which genus of Asteraceae does *Liabum oblanceolatum* belong? Vegetative characters have the answer. *Botanical Journal of the Linnean Society* 150: 479–486.
- Gutiérrez Z., A.** 2005. Ecología de la interacción entre colibríes (Aves: Trochilidae) y plantas que polinizan en el bosque altoandino de Torca. M.Sc. Thesis, Universidad Nacional de Colombia, Bogotá, Colombia.
- Gutterman, Y.** 1989. *Gymnarrhena micrantha*. Pp. 356–358 in: Halevy, A.H. (ed.), *Handbook of Flowering*, vol. 6. CRC Press, Boca Raton.
- Gutterman, Y.** 2002. *Survival Strategies of Annual Desert Plants: Adaptations of Desert Organisms*. Springer, Berlin and Heidelberg.
- Gutterman, Y. & Ginott, S.** 1994. Long-term protected ‘seed bank’ in dry inflorescences of *Asteriscus pygmaeus*: achene dispersal mechanism and germination. *Journal of Arid Environments* 26: 149–163.
- Haerdi, F.** 1964. Die Eingeborenen-Heilpflanzen des Ukanga-Distriktes Tanganjikas (Ostafrika). *Acta Tropica*, Suppl. 8: 1–278.
- Haffer, J.** 1974. Avian speciation in tropical South America. *Publications of the Nuttall Ornithological Club* 14: 1–390.
- Haffer, J.** 1981. Aspects of Neotropical Bird speciation during the Cenozoic. Pp. 371–390 in: Nelson, G. & Rosen, D.E. (eds.), *Vicariance Biogeography, a Critique*. Columbia University Press, New York.
- Häffner, E.** 2000. On the phylogeny of the subtribe Carduinae (tribe Cardueae, Compositae). *Englera* 21: 3–208.
- Häffner, E. & Hellwig, F.H.** 1999. Phylogeny of the tribe Cardueae (Compositae) with emphasis on the subtribe Carduinae: an analysis based on ITS sequence data. *Willdenowia* 29: 27–39.
- Halevy, A.H.** 1999. New flower crops. Pp. 407–409. In: Janick, J. (ed.), *Perspectives on New Crops and New Uses*. American Society for Horticultural Science Press, Alexandria.
- Halvorsen, T. & Borgen, L.** 1986. The perennial Macaronesian species of *Bubonium* (Compositae-Inuleae). *Sommerfeltia* 3: 1–103.
- Hamel, P.B. & Chitoskey, M.U.** 1975. *Cherokee Plants and Their Uses—A 400 Year History*. Herald Publishing Co., Sylva, North Carolina.
- Hamill, F.A., Apio, S., Mubiru, N.K., Mosango, M., Bukunya-Ziraba, R., Maganyi, O.W. & Soejarto, D.D.** 2000. Traditional herbal drugs of southern Uganda, I. *Journal of Ethnopharmacology* 70: 281–300.
- Hammen, T. van der.** 1974. The Pleistocene changes of vegetation and climate in tropical South America. *Journal of Biogeography* 1: 3–26.

- Hanelt, P. (ed.)**. 2001. *Mansfeld's Encyclopedia of Agricultural and Horticultural Crops*, vol. 4. Springer, Berlin.
- Hansen, H.V.** 1985. A taxonomic revision of the genus *Gerbera* (Compositae-Mutisieae) sections *Gerbera*, *Parva*, *Piloselloides* (in Africa) and *Lasiopus*. *Opera Botanica* 78: 5–36.
- Hansen, H.V.** 1985. A taxonomic revision of the genus *Perdicium* (Compositae-Mutisieae). *Nordic Journal of Botany* 5: 543–546.
- Hansen, H.V.** 1985. Notes on *Gerbera* sect. *Pseudoseris* (Compositae-Mutisieae). *Nordic Journal of Botany* 5: 451–453.
- Hansen, H.V.** 1988. A taxonomic revision of the genera *Gerbera* sect. *Isanthus*, *Leibnitzia* (in Asia), and *Uechitritzia* (Compositae, Mutisieae). *Nordic Journal of Botany* 8: 61–76.
- Hansen, H.V.** 1990. Phylogenetic studies in the *Gerbera*-complex (Compositae, tribe Mutisieae, subtribe Mutisiinae). *Nordic Journal of Botany* 9: 469–485.
- Hansen, H.V.** 1991. Phylogenetic studies in Compositae tribe Mutisieae. *Opera Botanica* 109: 1–50.
- Hansen, H.V.** 1991. SEM-studies and general comments on pollen in tribe Mutisieae (Compositae) sensu Cabrera. *Nordic Journal of Botany* 10: 607–623.
- Hansen, H.V.** 1992. Studies in the Calyceraceae with a discussion of its relationship to Compositae. *Nordic Journal of Botany* 12: 63–75.
- Hansen, H.V.** 1997. Studies in the Goodeniaceae and the Brunoniaceae with a discussion of their relationship to Asteraceae and Calyceraceae. *Nordic Journal of Botany* 17: 495–510.
- Haque, M.Z. & Godward, M.B.E.** 1984. New records of the carpodium in Compositae and its taxonomic use. *Botanical Journal of the Linnean Society* 89: 321–340.
- Harborne, J.B.** 1977. Flavonoid profiles in the Compositae. Pp. 359–384 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 1. Academic Press, London.
- Harborne, J.B.** 1977. Flavonoids and the evolution of angiosperms. *Biochemical Systematics and Ecology* 5: 7–22.
- Harborne, J.B.** 1977. Inuleae—chemical review. Pp. 603–619 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 1. Academic Press, London.
- Harborne, J.B.** 1996. Chemotaxonomy of anthocyanins and phytoalexins in the Compositae. Pp. 207–218 in: Hind, D.J.N. & Beentje, H.J. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Harborne, J.B. & Williams, C.A.** 1977. Chapter 18. Vernoniae—chemical review. Pp. 523–537 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 1. Academic Press, London.
- Harden, G.J.** 2000. *Flora of New South Wales*, vol. 3. University of New South Wales University Press, Kensington.
- Harlan, J.R.** 1986. Lettuce and the sycamores: sex and romance in ancient Egypt. *Economic Botany* 40: 4–15.
- Harley, J.L. & Harley, E.L.** 1987. A check-list of mycorrhiza in the British flora. *New Phytologist* (Suppl.) 105: 1–102.
- Harling, G.** 1950. Embryological studies in the Compositae. Part I. Anthemideae-Anthemidinae. *Acta Horti Bergiani* 15: 135–168.
- Harling, G.** 1951. Embryological studies in the Compositae. Part II. Anthemideae-Chrysantheminae. *Acta Horti Bergiani* 16: 1–56.
- Harling, G.** 1960. Further embryological and taxonomical studies in *Anthemis* L. and some related genera. *Svensk Botanisk Tidskrift* 54: 572–590.
- Harling, G.** 1991. Compositae–Mutisieae. Pp. 1–105 in: Harling, G. & Andersson, L. (eds.), *Flora of Ecuador*, no. 42. Department of Systematic Botany, University of Göteborg.
- Harling, G.** 1995. The genus *Jungia* L. fil. (Compositae–Mutisieae). *Acta Regiae Societatis Scientiarum et Litterarium Gothoburgensis, Botanica* 4: 5–133.
- Harper, J.L.** 1977. *Population Biology of Plants*. Academic Press, New York.
- Harrington, J.B. & Metzger, K.** 1963. Ragweed pollen density. *American Journal of Botany* 50: 532–539.
- Harris, E.M.** 1995. Inflorescence and floral ontogeny in Asteraceae: a synthesis of historical and current concepts. *Botanical Review* 61: 93–275.
- Harris, E.M.** 1999. Capitula in the Asteridae: a widespread and varied phenomenon. *Botanical Review* 65: 348–369.
- Harris, E.M., Tucker, S.C. & Urbatsch, L.E.** 1991. Floral initiation and early development in *Erigeron philadelphicus* (Asteraceae). *American Journal of Botany* 78: 108–121.
- Hartmann, T. & Witte, L.** 1995. Pyrrolizidine alkaloids: chemical, biological and chemoecological aspects. Pp. 155–233 in: Pelletier, S.W. (ed.), *Alkaloids: Chemical and Biological Perspectives*, vol. 9. Pergamon Press, Oxford.
- Harvey, W.H.** 1865. Compositae. Pp. 44–530 in: Harvey, W.H. & Sonder, O.W. (eds.), *Flora Capensis*, vol. 3. Hodges, Smith & Co., Dublin.
- He, K., Montenegro, G., Hoffmann, J.J. & Timmermann, B.N.** 1996. Diterpenoids from *Baccharis linearis*. *Phytochemistry* 41: 1123–1127.
- Heads, M.** 1998. Biodiversity in the New Zealand divaricating tree daisies: *Olearia* sect. nov. (Compositae). *Botanical Journal of the Linnean Society* 127: 239–285.
- Heath, P.V.** 1997. Three new generic names in Asteraceae: part 1. *Calyx* 5: 136.
- Hedberg, I. & Hedberg, O.** 1977. Chromosome numbers of afroalpine and afroalpine angiosperms. *Botaniska Notiser* 130: 1–24.
- Hedberg, I. & Staugård, F.** 1989. *Traditional Medicine in Botswana. Traditional Medicinal Plants*. Ipelegeng Publishers, Gaborone.
- Hedge, I.C.** 1967. The specimens of Paul Dietrich Giseke in the Edinburgh herbarium. *Notes from the Royal Botanic Garden, Edinburgh* 28: 73–86.
- Hegnauer, R.** 1964. *Chemotaxonomie der Pflanzen*, vol. 3. Birkhäuser, Basel.
- Hegnauer, R.** 1977. The chemistry of the Compositae. Pp. 283–335 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 1. Academic Press, London.
- Hegnauer, R.** 1989. *Chemotaxonomie der Pflanzen*, vol. 8. Birkhäuser, Basel.
- Hegnauer, R.** 1996. Phytochemistry and plant taxonomy—an essay on the chemotaxonomy of higher plants. *Phytochemistry* 25: 1519–1535.
- Heim, S.** 2003. *Kalorien, Kautschuk, Karrieren. Pflanzenzüchtung und landwirtschaftliche Forschung in Kaiser-Wilhelm-Instituten, 1933 bis 1945* (Geschichte der Kaiser-Wilhelm-Gesellschaft im Nationalsozialismus 5). Wallstein, Göttingen.
- Heinrich, M., Robles, M., West, J.E., Ortiz de Montellano, B.R. & Rodríguez, E.** 1998. Ethnopharmacology of Mexican Asteraceae (Compositae). *Annual Review of Pharmacology and Toxicology* 38: 539–565.
- Heiser, C.B., Jr.** 1976. *The Sunflowers*. University of Oklahoma Press, Norman.
- Heiser, C.B., Jr.** 2008. The sunflower (*Helianthus annuus*) in

- Mexico: further evidence for a North American domestication. *Genetic Resources and Crop Evolution* 55: 9–13.
- Helenurm, K. & Ganders, F.R.** 1985. Adaptive radiation and genetic differentiation in Hawaiian *Bidens*. *Evolution* 39: 753–765.
- Hellwig, F.H.** 1992. Untersuchungen zur Behaarung ausgewählter Astereae (Compositae). *Flora* 186: 425–444.
- Hellwig, F.H.** 2007 [2006]. Calyceraceae. Pp. 19–25 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Henderson, A.J.** 2005. The methods of herbarium taxonomy. *Systematic Botany* 30: 456–459.
- Henderson, A.J.** 2006. Reply to Jensen. *Systematic Botany* 31: 435–436.
- Hendry, G.A.F.** 1996. Fructan and the ecology and evolution of the Compositae. Pp. 121–128 in: Caligari, P.D.S. & Hind, D.J.N. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 2, *Compositae: Biology and Utilization*. Royal Botanic Gardens, Kew.
- Henry, M.** 2005. Saponins and phylogeny: example of the “gypsogenin group” saponins. *Phytochemistry Reviews* 4: 89–94.
- Herder, F. von** 1888. Biographische Notizen über einige in den Plantae Raddeanae genannte Sammler und Autoren. *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 9: 429–456.
- Herman, P.P.J.** 1998. A note on *Brachylaena discolor* complex. *Bothalia* 28: 42–45.
- Herman, P.P.J.** 2001. Observations on hairs in the capitula of some southern African Asteraceae genera. *South African Journal of Botany* 67: 65–68.
- Herman, P.P.J.** 2002. Revision of the *Tarchonanthus camphoratus* complex (Compositae, Tarchonantheae) in southern Africa. *Bothalia* 32: 21–28.
- Herman, P.P.J., Retief, E., Koekemoer, M. & Welman, W.G.** 2000. Asteraceae (Compositae). Pp. 101–170 in: Leistner, O.A. (ed.), *Seed Plants of Southern Africa*. Strelitzia 10. National Botanical Institute, Pretoria; Missouri Botanical Garden Press, St. Louis.
- Hershkovitz, M.A., Arroyo, M.T.K., Bell, C. & Hinojosa, L.F.** 2006. Phylogeny of *Chaetanthera* (Asteraceae; Mutisieae) reveals both ancient and recent origins of the high elevation lineages. *Molecular Phylogenetics and Evolution* 41: 594–605.
- Herz, W.** 1977. Astereae—chemical review. Pp. 567–576 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 1. Academic Press, London.
- Herz, W.** 1977. Sesquiterpene lactones in the Compositae. Pp. 337–357 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 1. Academic Press, London.
- Herz, W.** 1996. Terpenoid chemistry of the Astereae. Pp. 261–293 in: Hind, D.J.N. & Beentje, H.J. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Herz, W., Pilotti, A.-M., Söderholm, A.-C., Shuhama, I.K. & Vichnewsk, W.** 1977. New *ent*-Clerodane-type diterpenoids from *Baccharis trimera*. *Journal of Organic Chemistry* 42: 3913–3917.
- Heslop-Harrison, J.** 1954. Botany in The Queen’s University, Belfast: Prof. J. Small. *Nature* 173: 150.
- Heslop-Harrison, J.** 1956. Prof. James Small. *Nature* 177: 258–259.
- Hess, R.** 1938. Vergleichende Untersuchungen über die Zwillingshaare der Compositen. *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 68: 435–496.
- Heywood, V.H. (ed.)**. 1978. *Flowering Plants of the World*. Oxford University Press, Oxford and London.
- Heywood, V.H.** 1988. The structure of systematics. Pp. 44–56 in: Hawksworth, D.L. (ed.), *Prospects in Systematics*. Clarendon Press, Oxford.
- Heywood, V.H. (ed.)**. 1993. *Flowering Plants of the World*. Oxford University Press, New York.
- Heywood, V.H.** 2003. Meeting the demands for taxonomic information from users in conservation and genetic resources. *Phytologia Balcanica* 9: 425–433.
- Heywood, V.H., Brummitt, R.K., Culham, A.C. & Seberg, O.** 2007. *Flowering Plant Families of the World*. Kew Publications, Richmond and Firefly Books, Ontario and Buffalo, New York.
- Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.)**. 1977. *The Biology and Chemistry of Compositae*, 2 vols. Academic Press, London.
- Heywood, V.H. & Humphries, C.J.** 1977. Anthemideae—systematic review. Pp. 851–898 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 2. Academic Press, London.
- Hidalgo, O.** 2006. *El Grupo Rhaponticum: Delimitación y Filogenia*. Ph.D. Thesis, University of Barcelona, Barcelona.
- Hidalgo, O., Garcia-Jacas, N., Garnatje, T. & Susanna, A.** 2006. Phylogeny of *Rhaponticum* (Asteraceae, Cardueae-Centaureinae) and related genera inferred from nuclear and chloroplast DNA sequence data: taxonomic and biogeographic implications. *Annals of Botany (London)* 97: 705–714.
- Hidalgo, O., Susanna, A., Garcia-Jacas, N. & Martín, J.** 2008. From acaevate to cavate: evolution of pollen types in *Rhaponticum* group (Asteraceae, Centaureinae) related to extreme conditions. *Botanical Journal of the Linnean Society* 158: 499–510.
- Hilliard, O.M.** 1981. A revision of *Ifloga* in southern Africa, with special comments on the northern hemisphere species. *Botanical Journal of the Linnean Society* 82: 293–312.
- Hilliard, O.M.** 1981. *Gnaphalium* (Compositae) in Africa and Madagascar. *Botanical Journal of the Linnean Society* 82: 267–292.
- Hilliard, O.M.** 1983. Gnaphaliinae 1. Pp. 1–325 in: Leistner, O.A. (ed.), *Flora of Southern Africa*, vol. 33, *Asteraceae (Compositae)*, part 7, *Inuleae*, fasc. 2, *Gnaphaliinae*. Department of Agriculture, Pretoria.
- Hilliard, O.M. & Burt, B.L.** 1971. Notes on some plants of southern Africa chiefly from Natal: II. *Notes from the Royal Botanic Garden Edinburgh* 31: 1–33.
- Hilliard, O.M. & Burt, B.L.** 1973. Notes on some plants of southern Africa chiefly from Natal: III. *Notes from the Royal Botanic Garden Edinburgh* 32: 303–387.
- Hilliard, O.M. & Burt, B.L.** 1981. Some generic concepts in Compositae–Gnaphaliinae. *Botanical Journal of the Linnean Society* 82: 181–232.
- Himmelreich, S., Källersjö, M., Eldenäs, P. & Oberprieler, C.** 2008. Phylogeny of southern hemisphere Compositae–Anthemideae based on nrDNA ITS and cpDNA *ndhF* sequence information. *Plant Systematics and Evolution* 272: 131–153.
- Hind, D.J.N.** 1993. Notes on the Compositae of Bahia, Brazil: I. *Kew Bulletin* 48: 245–277.
- Hind, D.J.N.** 1994. New Compositae from the Serra do Grão Mogol (Mun. Grão Mogol, Minas Gerais, Brazil) and the surrounding area. *Kew Bulletin* 49: 511–522.

- Hind, D.J.N. (ed.)**. 1996. *Proceedings of the International Compositae Conference, Kew, 1994*, 2 vols. Royal Botanic Gardens, Kew.
- Hind, D.J.N.** 2007 [2006]. Mutisieae. Pp. 90–123 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Hind, D.J.N.** 2007. Asteraceae. Pp. 46–52 in: Heywood, V.H., Brummitt, R.K., Culham, A.C. & Seberg, O. *Flowering Plant Families of the World*. Kew Publications, Richmond.
- Hind, D.J.N. & Beentje, H.J. (eds.)**. 1996. *Proceedings of the International Compositae Conference, Kew, 1994*. Vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Hind, D.J.N. & Robinson, H.** 2007. Tribe Eupatorieae Cass. (1819). Pp. 395–400 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Hiscock, S.J.** 2000. Genetic control of self-incompatibility in *Senecio squalidus* L. (Asteraceae): a successful colonizing species. *Heredity* 85: 10–19.
- Hiscock, S.J.** 2000. Self-incompatibility in *Senecio squalidus* L. (Asteraceae). *Annals of Botany* 85 (supplement A): 181–190.
- Hiscock, S.J. & Tabah, D.A.** 2003. The different mechanisms of sporophytic self-incompatibility. *Philosophical Transactions of the Royal Society of London B* 358: 1037–1045.
- Hitchcock, C.L., Cronquist, A., Ownbey, M. & Thompson, J.W. (ed.)**. 1955–1969. *Vascular Plants of the Pacific Northwest*, vols. 1–5. University of Washington Press, Seattle.
- Hochuli, P.A.** 1978. Palynologische Untersuchungen im Oligozän und Untermiozän der zentralen und westlichen Paratethys. *Beiträge zur Paläontologie von Österreich* 4: 1–132.
- Hof, L.** 1996. *Dimorphotheca pluvialis*: a new source of hydroxy fatty acid? Pp. 372–376 in: Janick, J. (ed.), *Progress in New Crops. Proceedings of the Third National Symposium on New Crops, Indianapolis*. ASHS Press, Alexandria.
- Hof, L., Nieboer, I.G. & Dolstra, O.** 1999. Response to mass selection and estimation of heritability for oil content in *Dimorphotheca pluvialis*. *Euphytica* 106: 111–116.
- Hoffmann, J.J., Kingsolver, B.E., McLaughlin, S.P. & Timmerman, B.N.** 1984. Production of resins by arid-adapted Astereae. Pp. 251–271 in: Timmerman, B.N., Stelling, C. & Loewus, F.A. (eds.), *Phytochemical Adaptations to Stress*. Plenum Publisher, New York.
- Hoffmann, J.J. & McLaughlin, S.P.** 1986. *Grindelia camporum*: potential cash crop for the arid southwest. *Economic Botany* 40: 162–169.
- Hoffmann, J.J., McLaughlin, S.P., Jolad, S.D., Schram, K.H., Tempesta, M.S. & Bates, R.B.** 1982. Constituents of *Chrysothamnus paniculatus* (Compositae): Chrysothamne, a new diterpene, and 6-Oxogrindelic acid. *Journal of Organic Chemistry* 47: 1725–1727.
- Hoffmann, O.** 1889. Compositae. Pp. 274–282, pl. 9 in: Engler, A., *Plantae Marlothianae. Ein Beitrag zur Kenntnis der Flora Südafrikas. Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 10: 242–285, pl. 7–10.
- Hoffmann, O.** 1890–1894. Compositae. Pp. 87–387 in: Engler, A. & Prantl, K. (eds.), *Die natürlichen Pflanzenfamilien*, vol. 4(5). Engelmann, Leipzig.
- Hoffmann, O.** 1897. Compositae. Pp. 320–330 in: Engler, A. (ed.), *Die natürlichen Pflanzenfamilien. Nachträge zum II–IV. Teil*. Engelmann, Leipzig.
- Hoffmann, O.** 1900. Compositae. Pp. 75–78 in: Engler, A. (ed.), *Die natürlichen Pflanzenfamilien. Nachträge II zum II–IV. Teil*. Engelmann, Leipzig.
- Hoffmann, W.A.** 1998. Post-burn reproduction of woody plants in a neotropical savanna: the relative importance of sexual and vegetative reproduction. *Journal of Applied Ecology* 35: 422–433.
- Höld, K., Sirisoma, N., Ikeda, T., Narahashi, T. & Casida, J.** 2000. Alpha-Thujone (the active component of absinthe): gamma-Aminobutyric acid type A receptor modulation and metabolic detoxification. *Proceedings of the National Academy of Sciences of the United States of America* 97: 3826–3831.
- Holland, A.E. & Funk, V.A.** 2006. A revision of *Cymbonotus* (Compositae: Arctotideae, Arctotidinae). *Telopea* 11: 266–275.
- Holm, L., Doll, J., Holm, E., Pancho, J. & Herberger, J.** 1997. *World Weeds. Natural Histories and Distribution*. Wiley, New York.
- Holm, T.** 1926. Studies in the Compositae. I. *Krigia virginica* (L.) Willd. *American Midland Naturalist* 10: 1–17.
- Holmes, D.** 1960. Sidney Fay Blake. *Taxon* 9: 129–141.
- Holmgren, N.H., Holmgren, P.K. & Cronquist, A.** 2005. *Intermountain Flora*, vol. 2B, *Subclass Dilleniidae*. New York Botanical Garden Press, New York.
- Holub, J.** 1974. New names in Phanerogamae 3. *Folia Geobotanica et Phytotaxonomica* 9: 261–275.
- Holub, J.** 1976. *Filago, Ifloga, Logfia, Evax, Bombycilaena, Micropus, Evacidium, Omalotheca, Gamochaeta, Filaginella and Gnaphalium*. Pp. 121–128 in: Tutin, T.G., Heywood, V.H., Burges, N.A., Moore, D.M., Valentine, D.H., Walters, S.M. & Webb, D.A. (eds.), *Flora Europaea*, vol. 4. Cambridge University Press, Cambridge.
- Holzappel, S.** 1999. A revision of the genus *Picris* s.l. (Asteraceae, Lactuceae) in Australasia. *Willdenowia* 24: 97–218.
- Hoogland, R.D. & Reveal, J.L.** 2005. Index Nominum Familiarum Plantarum Vascularium. *Botanical Review* 71: 1–291.
- Hooker, W.J. & Arnott, G.A.W.** 1837. *Botany of Captain Beechey's Voyage*. Henry G. Bohn, London.
- Horvatic, S.** 1963. Genus *Leucanthemum* in Flora Jugoslaviae. *Acta Botanica Croatica* 22: 203–218.
- Houben, A., Wanner, G., Hanson, L., Verlin, D., Leach, C.R. & Timmis, J.N.** 2000. Cloning and characterisation of polymorphic heterochromatic segments in *Brachycome dichromosomatica*. *Chromosoma* 109: 206–213.
- Howarth, D.G., Gustafsson, M.H.G., Baum, D. & Motley, T.J.** 2003. Phylogenetics of the genus *Scaevola* (Goodeniaceae): implications for dispersal patterns across the Pacific basin and colonization of the Hawaiian Islands. *American Journal of Botany* 90: 915–923 and Supplementary Data from the *American Journal of Botany* website: Pp. 1–3.
- Howell, J.T.** 1942. A list of the vascular plants from Guadalupe Island, Baja California. *Leaflets of Western Botany* 3: 145–155.
- Howis, S.** 2007. A taxonomic revision of the southern African endemic genus *Gazania* (Asteraceae) based on morphometric, genetic and phylogeographic data. Ph.D. thesis, Rhodes University, Grahamstown, South Africa.
- Hu, S.Y.** 1958. Statistics of Compositae in relation to the flora of China. *Journal of the Arnold Arboretum* 39: 347–419.
- Hu, X.-Y., Gang Luo, Y., Chen, X.-Z., Zhou, L. & Zhang, G.-L.** 2008. Chemical constituents of *Noelia insignis* Franch. *Journal of Asian Natural Products Research* 10: 125–131.
- Huang, Y.-P. & Ling, Y.-R.** 1996. Economic Compositae in China. Pp. 431–451 in: Caligari, P.D.S. & Hind, D.J.N. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 2, *Compositae: Biology and Utilization*. Royal Botanic Gardens, Kew.
- Huber, O.** 1995. Geographical and physical features. Pp. 1–61

- in: Steyermark, J.A., Berry, P.E. & Holst, B.K. (eds.), *Flora of the Venezuelan Guayana*, vol. 1. Missouri Botanical Garden Press, St. Louis, Missouri.
- Huber, W. & Leuchtmann, A.** 1992. Genetic differentiation of the *Erigeron* species (Asteraceae) in the Alps: a case of unusual allozymic uniformity. *Plant Systematics and Evolution* 183: 1–16.
- Huelsenbeck, J.P. & Ronquist, F.R.** 2001. MrBayes: Bayesian inference of phylogenetic trees. *Bioinformatics* 17: 754–755.
- Huffman, M.A.** 2001. Self-medicative behavior in the African great apes: an evolutionary perspective into the origins of human traditional medicine. *Bioscience* 51: 651–661.
- Huffman, M.A.** 2003. Animal self-medication and ethno-medicine: exploration and exploitation of the medicinal properties of plants. *Proceedings of the Nutrition Society* 62: 371–381.
- Huffman, M.A., Gotoh, S., Turner, L.A., Hamai, M. & Yoshida, K.** 1997. Seasonal trends in intestinal nematode infection and medicinal plant use among chimpanzees in the Mahale Mountains, Tanzania. *Primates* 38: 111–125.
- Huffman, M.A., Page, J.E., Sukhdeo, M.V.K., Gotoh, S., Kalunde, M.S., Chandrasiri, T. & Towers, G.H.N.** 1996. Leaf-swallowing by chimpanzees: a behavioral adaptation for the control of strongyle nematode infections. *International Journal of Primatology* 17: 475–503.
- Huffman, M.A. & Seifu, M.** 1989. Observations on the illness and consumption of a possibly medicinal plant *Vernonia amygdalina* (Del.), by a wild chimpanzee in the Mahale Mountains National Park, Tanzania. *Primates* 30: 51–63.
- Humbert, H.** 1960. *Vernonia*. Pp. 9–171 in: *Flore de Madagascar et des Comores (Plantes Vasculaires). 189e Famille. Composées*, vol. 1. Muséum National d'Histoire Naturelle (Phanerogamie), Paris.
- Humbert, H.** 1963. *Flore de Madagascar et des Comores (Plantes Vasculaires). 189e Famille. – Composées*, vol. 3. Muséum National d'Histoire Naturelle, Paris.
- Humphries, C.J.** 1975. Cytological studies in the Macaronesian genus *Argyranthemum* (Compositae: Anthemideae). *Botiska Notiser* 128: 239–255.
- Humphries, C.J.** 1976. A revision of the Macaronesian genus *Argyranthemum* Webb ex Schultz. Bip. (Compositae-Anthemideae). *Bulletin of the British Museum (Natural History), Botany* 5: 147–240.
- Humphries, C.J.** 1977. A new genus of the Compositae from North Africa. *Botaniska Notiser* 130: 155–161.
- Humphries, C.J., Murray, B.G., Becquet, G. & Vasudevan, K.** 1978. Chromosome numbers of phanerogams from Morocco and Algeria. *Botaniska Notiser* 131: 391–406.
- Hunziker, J.H., Wulff, A., Xifreda, C.C. & Escobar, A.** 1989. Estudios cariológicos en Compositae V. *Darwiniana* 29: 25–39.
- Hunziker, J.H., Wulff, A.F. & Escobar, A.** 2002. Permanent translocation heterozygosity in dioecious *Baccharis coridifolia* DC. (Asteraceae). *Hereditas* 137: 132–139.
- Hur, J.Y., Lee, P., Kim, H., Kang, I., Lee, K.R. & Kim, S.Y.** 2004. (–)-3,5-Dicaffeoyl-muco-quinic acid isolated from *Aster scaber* contributes to the differentiation of PC12 cells: through tyrosine kinase cascade signaling. *Biochemical and Biophysical Research Communications* 313: 948–953.
- Hur, J.Y., Soh, Y., Kim, B.-H., Suk, K., Sohn, N.W., Kim, H.C., Kwon, H.C., Lee, K.R. & Kim, S.Y.** 2001. Neuroprotective and neurotrophic effects of quinic acids from *Aster scaber* on PC12 cells. *Biological & Pharmaceutical Bulletin* 24: 921–924.
- Hutchings, A.** 1996. *Zulu Medicinal Plants: An Inventory*. University of Natal Press, Pietermaritzburg.
- Hutchings, A. & Van Staden, J.** 1994. Plants used for stress-related ailments in traditional Zulu, Xhosa and Sotho medicine. Part 1. Plants used for headaches. *Journal of Ethnopharmacology* 43: 89–124.
- Hutchinson, J.** 1916. Aquatic Compositae. *The Gardeners' Chronicle* 59: 305.
- Hutchinson, J. & Phillips, E.P.** 1917. A revision of the genus *Pteronia* (Compositae). *Annals of the South African Museum* 9: 277–329.
- Huxley, A.** 1992. *The New Royal Horticultural Society Dictionary of Gardening*, vols. 1–4. Macmillan, London.
- Huxley, A., Griffiths, M. & Levy, M. (eds.)** 1992. *The New Royal Horticultural Society Dictionary of Gardening*. Macmillan, London.
- Hymete, A., Iversen, T.H., Rohloff, J. & Erko, B.** 2005. Screening of *Echinops ellenbeckii* and *Echinops longisetus* for biological activities and chemical constituents. *Phytomedicine* 12: 675–679.
- Ilijin, M.M.** 1930. Kriticheskiy obsor roda *Chondrilla* L. *Bjulleten' Otdelenija Kauchukonosov* 3: 1–61.
- Ingwersen, W.** 1991. *Alpines*. John Murray, London.
- Inoue, K., Kuramoto, N., Maki, M., Masuda, M. & Washitani, I.** 1998. Identification of conservation measures to protect the Japanese endangered plant species *Aster kantoensis*. *Ecological Research* 13: 141–149.
- Inoue, K., Masuda, M. & Maki, M.** 1998. Inbreeding depression and outcrossing rate in the endangered autotetraploid plant *Aster kantoensis* (Asteraceae). *Journal of Heredity* 89: 559–562.
- Inoue, N. & Tobe, H.** 1999. Integumentary studies in Menyanthaceae (Campanulales sensu lato). *Acta Phytotaxonomica et Geobotanica* 50: 75–79.
- IPNI.** 2004 onwards. *The International Plant Names Index*. <http://www.ipni.org>.
- Iqbal, Z., Lateef, M., Jabbar, A., Akhtar, M.S. & Khan, M.N.** 2006. Anthelmintic activity of *Vernonia anthelmintica* seeds against trichostrongylid nematodes of sheep. *Pharmaceutical Biology* 44: 563–567.
- Isawumi, M.A.** 1984. Foliar trichome studies in the genus *Vernonia*, Tribe Vernonieae (Compositae) in West Africa. *Nigerian Journal of Science* 18: 52–69.
- Isawumi, M.A.** 1989. Leaf epidermal studies in the genus *Vernonia* Schreber Tribe Vernonieae (Compositae) in West Africa. *Feddes Repertorium Specierum Novarum Regni Vegetabilis* 100: 335–355.
- Isawumi, M.A.** 1993. New combinations in *Baccharoides* Moench (Vernonieae; Compositae) in West Africa. *Feddes Repertorium Specierum Novarum Regni Vegetabilis* 104: 309–326.
- Isawumi, M.A.** 1995. Floral microcharacters and taxonomy of the *Cyanthillium cinereum* complex (Asteraceae: Vernonieae). *Compositae Newsletter* 26: 1–10.
- Ito, M. & Soejima, A.** 1995. *Aster*. Pp. 59–73 in: Iwatsuki, K., Yamazaki, T., Boufford, D.E. & Ohba, H. (eds.), *Flora of Japan*, vol. IIIb. Kodansha, Tokyo.
- Ito, M., Soejima, A., Hasebe, M. & Watanabe, K.** 1995. A chloroplast-DNA phylogeny of *Kalimeris* and *Aster*, with reference to generic circumscription. *Journal of Plant Research* 108: 93–96.
- Ito, M., Soejima, A. & Nishino, T.** 1994. Phylogeny and speciation in *Aster* in Asia. *Korean Journal of Plant Taxonomy* 24: 133–143.
- Ito, M., Soejima, A. & Watanabe, K.** 1998. Phylogenetic relationships of Japanese *Aster* (Asteraceae, Astereae) sensu lato based on chloroplast-DNA restriction site mutations. *Journal of Plant Research* 111: 217–223.

- Ito, M., Watanabe, K., Kitai, Y., Kawahara, T., Crawford, D.J. & Yahara, T. 2000. Phylogeny and phylogeography of *Eupatorium* (Eupatorieae, Asteraceae): insights from sequence data of the nrDNA ITS regions and cpDNA RFLP. *Journal of Plant Research* 113: 79–89.
- Ito, M., Yahara, T., King, R.M., Watanabe, K., Oshita, S., Yokoyama, J. & Crawford, D.J. 2000. Molecular phylogeny of Eupatorieae (Asteraceae) estimated from cpDNA RFLP and its implication for the polyploid origin hypothesis of the tribe. *Journal of Plant Research* 113: 91–96.
- IUCN 2007. 2007 IUCN Red List of Threatened Species. www.iucnredlist.org.
- Izevbigie, E.B. 2003. Discovery of water-soluble anticancer agents (edotides) from a vegetable found in Benin City, Nigeria. *Experimental Biology and Medicine* 228: 293–298.
- Izevbigie, E.B., Bryant, J.L. & Walker, A. 2003. Edible *Vernonia amygdalina* leaf extract inhibits extracellular signal-regulated kinases and human breast cancer cell growth. *Journal of Nutrition* 133: 3860–3860S.
- Izevbigie, E.B., Bryant, J.L. & Walker, A. 2004. A novel natural inhibitor of extracellular signal-regulated kinases and human breast cancer cell growth. *Experimental Biology and Medicine* 229: 163–169.
- Izevbigie, E.B., Opata, M. & Bryant, J.L. 2005. Deleterious side effects of tamoxifen may be ameliorated by aqueous *Vernonia amygdalina* leaf extracts. *Journal of Nutrition* 135: 3048S–3048S.
- Jackson, B.D. 1906. *George Bentham*. Dent, London; Dutton, New York.
- Jackson, J.B. 2000. Customary uses of ironweed (*Vernonia fasciculata*) by the Yuchi in Eastern Oklahoma, USA. *Economic Botany* 54: 401–403.
- Jackson, J.D. 1975. A revision of the genus *Archibaccharis* Heering (Compositae–Astereae). *Phytologia* 32: 81–194.
- Jackson, R.C., Skvarla, J.J. & Chissoe, W.F. 2000. A unique pollen wall mutation in the family Compositae: ultrastructure and genetics. *American Journal of Botany* 87: 1571–1577.
- Jacobs, H., Bunbury, M. & Mclean, S. 1986. Tricin from *Vernonia remotiflora*. *Journal of Natural Products (Lloydia)* 49: 1164–1164.
- Jäger, E.J. 1987. Arealkarten der Asteraceen–Tribus als Grundlage der ökogeographischen Sippencharakteristik. *Botanische Jahrbücher Systematik, Pflanzengeschichte und Pflanzengeographie* 108: 481–497.
- Jakupovic, J., Zdero, C., Boeker, R., Warning, U., Bohlmann, F. & Jones, S.B. 1987. Vernocistifolides and other sesquiterpene lactones from *Vernonia* and related species. *Liebigs Annalen der Chemie* 22: 111–123.
- James, D.E. 1973. The evolution of the Andes. *Scientific American* 229(2): 60–69.
- Janovec, J.P. & Robinson, H. 1997. *Charadranaetes*, a new genus of the Senecioneae (Asteraceae) from Costa Rica. *Novon* 7: 162–168.
- Jansen, R.K., Holsinger, K.E., Michaels, H.J. & Palmer, J.D. 1990. Phylogenetic analysis of chloroplast DNA restriction site data at higher taxonomic levels: an example from the Asteraceae. *Evolution* 44: 2089–2105.
- Jansen, R.K. & Kim, K.-J. 1996. Implications of chloroplast DNA data for the classification and phylogeny of the Asteraceae. Pp. 317–339 in: Hind, D.J.N. & Beentje, H.J. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Jansen, R.K., Michaels, H.J. & Palmer, J.D. 1991. Phylogeny and character evolution in the Asteraceae based on chloroplast DNA restriction site mapping. *Systematic Botany* 16: 98–115.
- Jansen, R.K., Michaels, H.J., Wallace, R.S., Kim, K.-J., Keeley, S.C., Watson, L.E. & Palmer, J.D. 1991. Chloroplast DNA variation in the Asteraceae: phylogenetic and evolutionary implications. Pp. 252–279 in: Soltis, D.E., Soltis, P.S. & Doyle, J.J. (eds.), *Molecular Systematics of Plants*. Chapman & Hall, New York.
- Jansen, R.K. & Palmer, J.D. 1987. A chloroplast DNA inversion marks an ancient evolutionary split in the sunflower family (Asteraceae). *Proceedings of the National Academy of Sciences of the United States of America* 84: 5818–5822.
- Jansen, R.K. & Palmer, J.D. 1987. Chloroplast DNA from lettuce and *Barnadesia* (Asteraceae): structure, gene localization, and characterization of a large inversion. *Current Genetics* 11: 553–564.
- Jansen, R.K. & Palmer, J.D. 1988. Phylogenetic implications of chloroplast DNA restriction site variation in the Mutisieae (Asteraceae). *American Journal of Botany* 75: 753–766.
- Jansen, R.K., Palmer, J.D. & Michaels, H.J. 1988. Investigation of chloroplast DNA variation in the Asteraceae. *Compositae Newsletter* 15: 2–11.
- Jansen, R.K., Smith, E.B. & Crawford, D.J. 1987. A cladistic study of North American *Coreopsis* (Asteraceae: Heliantheae). *Plant Systematics and Evolution* 157: 73–84.
- Jansen, R.K. & Stuessy, T.F. 1980. Chromosome counts of Compositae from Latin America. *American Journal of Botany* 67: 585–594.
- Jansen, R.K., Wallace, R.S., Kim, K.-J. & Chambers, K.L. 1991. Systematic implications of chloroplast DNA variation in the subtribe Microseridinae (Asteraceae: Lactuceae). *American Journal of Botany* 78: 1015–1027.
- Jarvis, C.E. 1980. Systematic studies in the genus *Tolpis* Adanson. Ph. D. Thesis, University of Reading, Reading.
- Jeffrey, C. 1966. Notes in Compositae, I. The Cichorieae in east tropical Africa. *Kew Bulletin* 18: 427–486.
- Jeffrey, C. 1967. Notes on Compositae, II. The Mutisieae in east tropical Africa. *Kew Bulletin* 21: 177–223.
- Jeffrey, C. 1967. Notes on Compositae, III. The Cynareae in east tropical Africa. *Kew Bulletin* 22: 107–140.
- Jeffrey, C. 1977. Corolla forms in Compositae—some evolutionary and taxonomic speculations. Pp. 111–118 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 1. Academic Press, London.
- Jeffrey, C. 1978. Compositae. Pp. 263–268 in: Heywood, V.H. (ed.), *Flowering Plants of the World*. Oxford University Press, Oxford and London.
- Jeffrey, C. 1979. Generic and sectional limits in *Senecio* (Compositae): II. Evaluation of some recent studies. *Kew Bulletin* 34: 49–58.
- Jeffrey, C. 1986. Notes on Compositae, IV: The Senecioneae in east Tropical Africa. *Kew Bulletin* 41: 873–943.
- Jeffrey, C. 1987. Developing descriptors for systematic analyses of Senecioneae (Compositae). *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 108: 201–211.
- Jeffrey, C. 1988. The Vernoniaeae of east tropical Africa. Notes on the Compositae: V. *Kew Bulletin* 43: 195–277.
- Jeffrey, C. 1992. Notes on Compositae, VI: The tribe Senecioneae (Compositae) in the Mascarene Islands with an annotated world check-list of the genera of the tribe. *Kew Bulletin* 47: 49–109.
- Jeffrey, C. 1995. Compositae Systematics 1975–1993. Developments and desiderata. Pp. 3–21 in: Hind, D.J.N., Jeffrey, C.

- & Pope, G.V. (eds.), *Advances in Compositae Systematics*. Royal Botanic Gardens, Kew.
- Jeffrey, C.** 2001. Compositae (Asteraceae). Pp. 2035–2145 in Hanelt, P. (ed.), *Mansfeld's Encyclopedia of Agricultural and Horticultural Crops*, vol. 4. Springer, Berlin.
- Jeffrey, C.** 2002. [Systematics of Compositae at the beginning of the 21st century]. *Botanicheskii Zhurnal* 87(11): 1–15. [In Russian.]
- Jeffrey, C.** 2004. Systema Compositarum (Asteracearum) nova. *Botanicheskii Zhurnal* 89: 1817–1822.
- Jeffrey, C.** 2007 [2006]. Introduction with key to tribes. Pp. 61–87 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Jeffrey, C.** 2007 [2006]. Gymnarrheneae. Pp. 90–112 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants, Eudicots, Asterales*. Springer, Berlin.
- Jeffrey, C.** 2007 [2006]. Carduoid genera of uncertain placement. Pp. 146–147 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Jeffrey, C.** 2007 [2006]. Gundelieae DC. ex Lecoq & Juillet (1831). Pp. 199–200 in: Kadereit, J.W. & Jeffrey, C. (ed.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Jeffrey, C.** 2007 [2006]. Asteroid genus of uncertain placement. Pp. 574–575 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Jeffrey, C. & Beentje, M.J.** 2000. Cichorieae. Pp. 63–108 in: Beentje, H.J. (ed.), *Flora of Tropical East Africa: Compositae*, part 1. Balkema, Rotterdam.
- Jeffrey, C. & Chen, Y.L.** 1984. Taxonomic studies on the tribe Senecioneae (Compositae) of Eastern Asia. *Kew Bulletin* 39: 205–446.
- Jeffrey, C., Halliday, P., Wilmot-Dear, M. & Jones, S.W.** 1977. Generic and sectional limits in *Senecio* (Compositae): I. Progress report. *Kew Bulletin* 32: 47–67.
- Jensen, R.J.** 2006. Reply to Henderson: on delimiting species for taxonomic analysis. *Systematic Botany* 31: 433–435.
- Jiménez Rodríguez, F., Katinas, L., Tellería, M.C. & Crisci, J.V.** 2004. *Salcedoa* gen. nov., a biogeographic enigma in the Caribbean Mutisieae (Asteraceae). *Systematic Botany* 29: 987–1002.
- Jisaka, M., Kawanaka, M., Sugiyama, H., Takegawa, K., Huffman, M.A., Ohigashi, H. & Koshimizu, K.** 1992. Antischistosomal activities of sesquiterpene lactones and steroid glucosides from *Vernonia amygdalina*, possibly used by wild chimpanzees against parasite-related diseases. *Bioscience, Biotechnology and Biochemistry* 56: 845–846.
- Jisaka, M., Ohigashi, H., Takagaki, T., Nozaki, H., Tada, T., Hirota, M., Irie, R., Huffman, M.A., Nishida, T., Kaji, M. & Koshimizu, K.** 1992. Bitter steroid glucosides, Vernonioside-A1, Vernonioside-A2, and Vernonioside-A3, and related Vernonioside-B1 from a possible medicinal plant, *Vernonia amygdalina*, used by wild chimpanzees. *Tetrahedron* 48: 625–632.
- Jisaka, M., Ohigashi, H., Takegawa, K., Hirota, M., Irie, R., Huffman, M.A. & Koshimizu, K.** 1993. Steroid glucosides from *Vernonia amygdalina*, a possible chimpanzee medicinal plant. *Phytochemistry* 34: 409–413.
- Jisaka, M., Ohigashi, H., Takegawa, K., Huffman, M.A. & Koshimizu, K.** 1993. Antitumoral and antimicrobial activities of bitter sesquiterpene lactones of *Vernonia amygdalina*, a possible medicinal plant used by wild chimpanzees. *Bioscience, Biotechnology and Biochemistry* 57: 833–834.
- Johnson, S.D. & Midgley, J.J.** 1997. Fly pollination of *Gorteria diffusa* (Asteraceae), and a possible mimetic function for dark spots on the capitulum. *American Journal of Botany* 84: 429–436.
- Jones, R.N. & Rees, H.** 1982. *B Chromosomes*. Academic Press, London.
- Jones, S.** 1977. Vernonieae. Pp. 503–521 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 1. Academic Press, London.
- Jones, S.B. & Stutts, J.G.** 1981. Three new species of *Vernonia* (Compositae: Vernonieae) from Mexico. *Brittonia* 33: 544–546.
- Jones, S.B.** 1966. Experimental hybridizations in *Vernonia* (Compositae). *Brittonia* 18: 39–44.
- Jones, S.B.** 1967. *Vernonia georgiana*—species or hybrid? *Brittonia* 29: 161–164.
- Jones, S.B.** 1968. An example of a *Vernonia* hybrid in a disturbed habitat. *Rhodora* 70: 486–491.
- Jones, S.B.** 1972. Hybridization of *Vernonia acaulis* and *V. noveboracensis* (Compositae) in the Piedmont of North Carolina. *Castanea* 37: 244–253.
- Jones, S.B.** 1973. Revision of *Vernonia* sect. *Eremosis* (Compositae) in North America. *Brittonia* 25: 86–115.
- Jones, S.B.** 1974. Vernonieae (Compositae) chromosome numbers. *Bulletin of the Torrey Botanical Club* 101: 31–34.
- Jones, S.B.** 1977. Vernonieae—systematic review. Pp. 503–521 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 1. Academic Press, London.
- Jones, S.B.** 1979. Chromosomes of the Vernonieae (Compositae). *Bulletin of the Torrey Botanical Club* 106: 79–84.
- Jones, S.B.** 1979. Synopsis and pollen morphology of *Vernonia* (Compositae: Vernonieae) in the New World. *Rhodora* 81: 425–447.
- Jones, S.B.** 1979. Taxonomic revision of *Vernonia* section *Leiboldia* (Compositae, Vernonieae). *Castanea* 44: 229–237.
- Jones, S.B.** 1980. Family Compositae, Part I: Tribe Vernonieae. Flora of Peru. *Fieldiana: Botany* 5: 22–69.
- Jones, S.B.** 1981. Revision of *Vernonia* series *Flexuosae* (Compositae, Vernonieae). *Brittonia* 33: 214–224.
- Jones, S.B.** 1981. Synoptic classification and pollen morphology of *Vernonia* (Compositae, Vernonieae) in the Old World. *Rhodora* 83: 59–75.
- Jones, S.B.** 1982. A revision of *Vernonia* series *Buddleifoliae* (Compositae, Vernonieae). *Brittonia* 34: 102–117.
- Jones, S.B.** 1982. Pp. 126–127 in: Löve, A. (ed.), IOPB chromosome number reports LXXIV. *Taxon* 31: 119–128.
- Jones, S.B.** 1982. The genera of Vernonieae (Compositae) in the southeastern United States. *Journal of the Arnold Arboretum* 63: 489–507.
- Jones, S.B., Burnett, W.C., Coile, N.C., Mabry, T.J. & Betkouski, M.F.** 1979. Sesquiterpene lactones of *Vernonia*—influence of glaucolide-A on the growth rate and survival of Lepidopterous larvae. *Oecologia* 39: 71–77.
- Jones, S.B., Faust, W.Z. & Urbatsch, L.E.** 1970. Natural hybridization between *Vernonia crinita* and *V. baldwinii* (Compositae). *Castanea* 35: 61–67.
- Jordaan, A. & Kruger, H.** 1993. Pollen wall ontogeny of *Felicia muricata* (Asteraceae: Astereae). *Annals of Botany* 71: 97–105.
- Jordan, T.E., Isacks, B.L., Allmendinger, R.W., Frewer, J.A., Ramos, V.A. & Ando, C.J.** 1983. Andean tectonics

- related to geometry of subducted Nazca Plate. *Bulletin of the Geological Society of America* 94: 341–361.
- Jordon-Thaden, I.E. & Louda, S.M.** 2003. Chemistry of *Cirsium* and *Carduus*: a role in ecological risk assessment for biological control of weeds. *Biochemical Systematics and Ecology* 31: 1353–1396.
- Jose, J.C.** 1993. *Cytological and Palynological Studies on the Heliantheae and Allied Tribes (Compositae)*. Ph.D. Thesis, University of Kerala, Trivandrum.
- Joseph, J.P., Shah, J.J. & Inamdar, J.A.** 1988. Distribution, development and structure of resin ducts in guayule (*Parthenium argentatum* Gray). *Annals of Botany* 61: 377–387.
- Josephson, M.** 1959. *Edison: A Biography*. McGraw-Hill, New York.
- Juel, H.O.** 1900. Vergleichende Untersuchungen über typische und parthenogenetische Fortpflanzung bei der Gattung *Antennaria*. *Kongliga Svenska Vetenskapsakademiens Handlingar* 33: 1–59.
- Jung, C.M., Kwon, H.C., Seo, J.S., Ohizumi, Y., Matsunaga, K., Saito, S. & Lee, K.R.** 2001. Two new monoterpene peroxide glycosides from *Aster scaber*. *Chemical and Pharmacology Bulletin* 49: 912–914.
- Jussieu, A.L. de** 1789. *Genera Plantarum Secundum Ordines Naturales Disposita, Juxta Methodum in Horto Regio Parisiensi Exaratam*. Herissant and Barrois, Paris.
- Kadereit, G.** 2007 [2006]. Menyanthaceae. Pp. 599–604 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Kadereit, J.W.** 1989. Chloroplast DNA, cladistics, and phylogeny of the Asteraceae. *Botanica Acta* 102: 7–10.
- Kadereit, J.W. & Jeffrey, C.** 1996. A preliminary analysis of cpDNA variation in the tribe Senecioneae (Compositae). Pp. 349–360 in: Hind, D.J.N. & Beentje, H.J. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Kadereit, J.W. & Jeffrey, C. (eds.)** 2007 [2006]. *The Families and Genera of Vascular Plants*. vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Kadereit, J.W., Uribe-Convers, S., Westberg, E. & Comes, H.P.** 2006. Reciprocal hybridization at different times between *Senecio flavus* and *Senecio glaucus* gave rise to two polyploid species in north Africa and south-west Asia. *New Phytologist* 169: 431–441.
- Kalanda, K.** 1981. *Étude Taxonomique et Phytogéographique du Genre Vernonia Schreb. (Asteraceae) au Zaïre*. Ph.D. Thesis, Travail Polycopie à l'Université de Kisangani, Zaïre.
- Kalanda, K.** 1982. Dix espèces nouvelles de *Vernonia* (Asteraceae) d'Afrique tropicale. *Bulletin du Jardin Botanique de l'État à Bruxelles* 56: 119–128.
- Kalanda, K.** 1986. Contribution à l'étude des Vernonieae (Asteraceae) d'Afrique centrale. *Bulletin du Jardin Botanique de l'État à Bruxelles* 56: 383–388.
- Kalanda, K. & Lisowski, S.** 1981. *Ageratinastrum* Mattf. (Asteraceae), genre nouveau pour la flore du Zaïre. *Bulletin du Jardin Botanique de l'État à Bruxelles* 51: 457–460.
- Kalemba, D.** 1998. Constituents of the essential oil of *Solidago virgaurea* L. *Flavour and Fragrance Journal* 13: 373–376.
- Källersjö, M.** 1985. Fruit structure and generic delimitation of *Athanasia* (Asteraceae-Anthemideae) and related South African genera. *Nordic Journal of Botany* 5: 11–26.
- Källersjö, M.** 1988. A generic re-classification of *Pentzia* Thunb. (Compositae-Anthemideae) from southern Africa. *Botanical Journal of the Linnean Society* 96: 299–322.
- Källersjö, M.** 1991. The genus *Athanasia* (Compositae-Anthemideae). *Opera Botanica* 106: 1–75.
- Kamari, G. & Greuter, W.** 2000. *Phitosia*, a new genus for *Crepis crocifolia* (Compositae, Cichorieae), a local endemic of Mount Taigetos (Greece). *Botanika Chronika (Patras)* 13: 11–36.
- Kambizi, L. & Afolayan, A.J.** 2001. An ethnobotanical study of plants used for the treatment of sexually transmitted diseases (njovhera) in Guruve District, Zimbabwe. *Journal of Ethnopharmacology* 77: 5–9.
- Kamel, E.A.** 1999. Karyological studies on some taxa of the Asteraceae in Egypt. *Compositae Newsletter* 33: 1–18.
- Kamelin, R.V. & Tagaev, I.U.** 1986. Obzor vidov roda *Scorzonera* (Asteraceae) [A review of species of the genus *Scorzonera* (Asteraceae)]. *Botanicheskii Zhurnal* 71: 1672–1682.
- Kane, N.C. & Rieseberg, L.H.** 2007. Selective sweeps reveal candidate genes for adaptation to drought and salt tolerance in common sunflower, *Helianthus annuus*. *Genetics* 175: 1803–1812.
- Kårehed, J.** 2007 [2006]. Alseuosmiaceae. Pp. 7–12 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Kårehed, J.** 2007 [2006]. Argophyllaceae. Pp. 13–18 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Kårehed, J., Lundberg, J., Bremer, B. & Bremer, K.** 1999 [2000]. Evolution of the Australasian families Alseuosmiaceae, Argophyllaceae, and Phellinaceae. *Systematic Botany* 24: 660–682.
- Karis, P.O.** 1989. Systematics of the genus *Metalasia* (Asteraceae-Gnaphalieae). *Opera Botanica* 99: 1–150.
- Karis, P.O.** 1990. Three new genera of the Asteraceae-Gnaphalieae from the Cape Region. *Botanical Journal of the Linnean Society* 102: 23–36.
- Karis, P.O.** 1992. *Hoplophyllum* DC., the sister group to *Eremothamnus* O. Hoffm. (Asteraceae). *Taxon* 41: 193–198.
- Karis, P.O.** 1993. Heliantheae sensu lato (Asteraceae), clades and classification. *Plant Systematics and Evolution* 188: 139–195.
- Karis, P.O.** 1993. Morphological phylogenetics of the Asteraceae-Asteroideae, with notes on character evolution. *Plant Systematics and Evolution* 186: 69–93.
- Karis, P.O.** 1995. Cladistics of the subtribe Ambrosiinae (Asteraceae: Heliantheae). *Systematic Botany* 20: 40–54.
- Karis, P.O.** 1996. Phylogeny of the Asteraceae-Asteroideae revisited. Pp. 41–47 in: Hind, D.J.N. & Beentje, H.J. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Karis, P.O.** 1998. *Apostates* Lander (Asteraceae-Astereae), transferred to the Heliantheae sensu lato. *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 120: 131–135.
- Karis, P.O.** 2006. Morphological data indicates two major clades of the subtribe Gorteriinae (Asteraceae-Arctotideae). *Cladistics* 22: 199–221.
- Karis, P.O.** 2007 [2006]. Arctotideae. Pp. 200–206 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Karis, P.O., Eldenäs, P. & Källersjö, M.** 2001. New evidence for the systematic position of *Gundelia* L. with notes on delimitation of Arctoteae (Asteraceae). *Taxon* 50: 105–114.
- Karis, P.O., Källersjö, M. & Bremer, K.** 1992. Phylogenetic

- analysis of the Cichorioideae (Asteraceae), with emphasis on the Mutisieae. *Annals of the Missouri Botanical Garden* 79: 416–427.
- Karis, P.O. & Ryding, O.** 1994. Tribe Helenieae. Pp. 521–558 in: Bremer, K., *Asteraceae: Cladistics & Classification*. Timber Press, Portland.
- Karis, P.O. & Ryding, O.** 1994. Tribe Heliantheae. Pp. 559–624 in: Bremer, K., *Asteraceae: Cladistics & Classification*. Timber Press, Portland.
- Katinas, L.** 1994. Un nuevo género de Nassauviinae (Asteraceae, Mutisieae) y sus relaciones cladísticas con los géneros afines de la subtribu. *Boletín de la Sociedad Argentina de Botánica* 30: 59–70.
- Katinas, L.** 1996. Revisión de las especies sudamericanas del género *Trixis* (Asteraceae, Mutisieae). *Darwiniana* 34: 27–108.
- Katinas, L.** 2004. The *Gerbera*-complex (Asteraceae, Mutisieae): to split or not to split. *Sida* 21: 935–940.
- Katinas, L.** 2008. The genus *Pachylaena* (Asteraceae, Mutisieae). *Botanical Journal of the Linnean Society* 157: 373–380.
- Katinas, L. & Crisci, J.V.** 2000. Cladistic and biogeographic analyses of the genera *Moscharia* and *Polyachyrus* (Asteraceae, Mutisieae). *Systematic Botany* 25: 33–46.
- Katinas, L., Crisci, J.V. & Freire, S.E.** 1992. Revisión sistemática y análisis cladístico del género *Triptilion* Ruiz & Pavón (Asteraceae, Mutisieae). *Boletín de la Sociedad de Biología de Concepción* 63: 101–132.
- Katinas, L., Crisci, J.V., Jabaily, R.S., Williams, C., Walker, J., Drew, B., Bonifacino, J.M. & Sytsma, K.** 2008. Evolution of secondary heads in Nassauviinae (Asteraceae, Mutisieae). *American Journal of Botany* 95: 229–240.
- Katinas, L., Crisci, J.V., Schmidt Jabaily, R., Williams, C., Walker, J., Drew, B., Bonifacino, J.M. & Sytsma, K.J.** 2008. Evolution of secondary heads in Nassauviinae (Asteraceae, Mutisieae). *American Journal of Botany* 95: 229–240.
- Katinas, L., Crisci, J.V., Tellería, M.C., Barreda, V. & Palazzesi, L.** 2007. Early history of Asteraceae in Patagonia: evidence from fossil pollen grains. *New Zealand Journal of Botany* 45: 605–610.
- Katinas, L., Gutiérrez, D.G., Grossi, M. & Crisci, J.V.** 2007. Panorama de la familia Asteraceae (Compositae) en la República Argentina. *Boletín de la Sociedad Argentina de Botánica* 42: 113–129.
- Katinas, L., Pruski, J.F., Sancho, G. & Tellería, M.C.** 2008. The subfamily Mutisioideae (Asteraceae). *Botanical Review* 74: 469–716.
- Katinas, L. & Stuessy, T.F.** 1997. Revision of *Doniophyton* (Compositae, Barnadesioideae). *Plant Systematics and Evolution* 206: 33–45.
- Kaul, V., Koul, A.K. & Sharma, M.C.** 2000. The underground flower. *Current Science* 78: 39–44.
- Kayode, J.** 2002. Conservation and ethnobotanical exploration of Compositae in Ekiti State, Nigeria. *Compositae Newsletter* 38: 79–83.
- Kayode, J.** 2003. Study on the Compositae weed flora of farmlands in Ekiti State, Nigeria. *Compositae Newsletter* 40: 51–55.
- Kayode, J.** 2005. Checklist of roadside Compositae weeds in southwestern Nigeria. *Compositae Newsletter* 42: 109–114.
- Kayode, J.** 2005. Ethnobotanical survey and conservation of medicinal Compositae species in Benin Kingdom, Nigeria. *Compositae Newsletter* 42: 48–54.
- Kearney, T.H. & Peebles, R.H.** 1942. *Flowering Plants and Ferns of Arizona*. Miscellaneous Publication 423. U.S. Department of Agriculture, Washington, D.C.
- Keck, D.D.** 1936. The Hawaiian silverswords: systematics, affinities, and phylogeographic problems of the genus *Argyroxiphium*. *Occasional Papers of the Bernice P. Bishop Museum* 11: 1–38.
- Keeley, S.C.** 1978. A revision of the West Indian Vernoniae (Compositae). *Journal of the Arnold Arboretum* 59: 360–413.
- Keeley, S.C.** 1982. Morphological variation and species recognition in the neotropical taxon *Vernonia arborescens* (Compositae). *Systematic Botany* 7: 71–84.
- Keeley, S.C.** 1987. Two new species of *Vernonia* (Asteraceae, Vernonieae) from Panama. *Brittonia* 39: 44–48.
- Keeley, S.C., Forsman, A.H. & Chan, R.** 2007. A phylogeny of the “evil tribe” (Vernonieae: Compositae) reveals Old/New World long distance dispersal: support from separate and combined congruent datasets (*trnL-F*, *ndhF*, ITS). *Molecular Phylogenetics and Evolution* 44: 89–103.
- Keeley, S.C. & Jansen, R.K.** 1991. Evidence from chloroplast DNA for the recognition of a new tribe, the Tarchonantheae, and the tribal placement of *Pluchea* (Asteraceae). *Systematic Botany* 16: 173–181.
- Keeley, S.C. & Jansen, R.K.** 1994. Chloroplast DNA restriction site variation in the Vernonieae (Asteraceae), an initial appraisal of the relationship of New and Old World taxa and the monophyly of *Vernonia*. *Plant Systematics and Evolution* 193: 249–265.
- Keeley, S.C. & Jones, S.B.** 1977. Taxonomic implications of external pollen morphology to *Vernonia* (Compositae) in the West Indies. *American Journal of Botany* 64: 576–584.
- Keeley, S.C. & Jones, S.B.** 1977. *Vernonia* (Compositae) in the Bahamas re-examined. *Rhodora* 79: 147–159.
- Keeley, S.C. & Jones, S.B.** 1979. Distribution of pollen types in *Vernonia* (Vernonieae, Compositae). *Systematic Botany* 4: 195–202.
- Keeley, S.C. & Turner, B.L.** 1990. A preliminary cladistic analysis of the genus *Vernonia* (Vernonieae: Asteraceae). *Plant Systematics and Evolution, Supplementum* 4: 45–66.
- Keil, D.J.** 1993. *Hecastocleis*. P. 276 in: Hickman, J.C. (ed.), *The Jepson Manual of Higher Plants of California*. University of California Press, Berkeley.
- Keil, D.J. & Stuessy, T.F.** 1981. Systematics of *Isocarpha* (Compositae: Eupatorieae). *Systematic Botany* 6: 258–287.
- Keith, S., Urban, E.K. & Fry, C.H.** 1992. *The Birds of Africa*, vol. 4. Academic Press, London.
- Kelmanson, J.E., Jager, A.K. & Van Staden, J.** 2000. Zulu medicinal plants with antibacterial activity. *Journal of Ethnopharmacology* 69: 241–246.
- Khatoon, S. & Ali, S.I.** 1993. *Chromosome Atlas of the Angiosperms of Pakistan*. Department of Botany, University of Karachi, Karachi.
- Kiers, A.M.** 2000. Endive, chicory, and their wild relatives. A systematic and phylogenetic study of *Cichorium* (Asteraceae). *Gorteria*, Suppl. 5: 1–78.
- Kiesling, R.** 1999. Ángel L. Cabrera (1908–1999). *Darwiniana* 37: I–VI.
- Kiesling, R. & Wrigh, J.E.** 1980. Personalidad del doctor Ángel Lulio Cabrera. *Boletín de la Sociedad Argentina de Botánica* 19: 1–5.
- Kiger, R.W.** 2006. *Cosmos*. Pp. 203–205 in: Flora of North America Editorial Committee (eds.), *Flora of North America North of Mexico*, vol. 21. Oxford University Press, New York.
- Kilian, N.** 1997. Revision of *Launaea* Cass. (Compositae, Lactuceae, Sonchinea). *Englera* 17: 1–478.
- Kilian, N.** 2001. *Lactuca stebbinsii* (Lactuceae, Compositae), a puzzling new species from Angola. *Willdenowia* 31: 71–78.

- Kilian, N. & Gemeinholzer, B.** 2007. Studies in the Compositae of the Arabian Peninsula and Socotra – 7. *Erythroseris*, a new genus and the previously unknown sister group of *Cichorium* (Cichorieae subtribe Cichoriinae). *Willdenowia* 37: 283–296.
- Kilian, N. & Hand, R.** 2004. *Lactuca triquetra* (Labill.) Boiss. [In: Hand, R. (ed.), Supplementary notes to the flora of Cyprus IV]. *Willdenowia* 34: 441–444.
- Kim, H.-G., Choi, K.-S. & Jansen, R.K.** 2005. Two chloroplast DNA inversions originated simultaneously during the early evolution of the sunflower family (Asteraceae). *Molecular Biology and Evolution* 22: 1–10.
- Kim, H.-G., Keeley, S.C., Vroom, P.S. & Jansen, R.K.** 1998. Molecular evidence for an African origin of the Hawaiian endemic *Hesperomannia* (Asteraceae). *Proceedings of the National Academy of Sciences of the United States of America* 95: 15440–15445.
- Kim, H.-G., Loockerman, D.J. & Jansen, R.K.** 2002. Systematic implications of *ndhF* sequence variation in the Mutisieae (Asteraceae). *Systematic Botany* 27: 598–609.
- Kim, K.D.** 2002. Plant invasion and management in turf-dominated waste landfills in South Korea. *Land Degradation and Development* 13: 257–267.
- Kim, K.-J., Choi, K.-S. & Jansen, R.K.** 2005. Two chloroplast DNA inversions originated simultaneously during the early evolution of the sunflower family (Asteraceae). *Molecular Biology and Evolution* 22: 1783–1792.
- Kim, K.-J. & Jansen, R.K.** 1995. *ndhF* sequence evolution and the major clades in the sunflower family. *Proceedings of the National Academy of Sciences of the United States of America* 92: 10379–10383.
- Kim, K.-J., Jansen, R.K., Wallace, R.S., Michaels, H.J. & Palmer, J.D.** 1992. Phylogenetic implications of *rbcl* sequence variation in the Asteraceae. *Annals of the Missouri Botanical Garden* 79: 428–445.
- Kim, K.-J. & Turner, B.L.** 1992. Systematic overview of *Krigia* (Asteraceae–Lactuceae). *Brittonia* 44: 173–198.
- Kim, K.-J., Turner, B.L. & Jansen, R.K.** 1992. Phylogenetic and evolutionary implications of interspecific chloroplast DNA variation in *Krigia* (Asteraceae: Lactuceae). *Systematic Botany* 17: 449–469.
- Kim, S.-C., Crawford, D.J., Francisco-Ortega, J. & Santos-Guerra, A.** 1996. A common origin for woody *Sonchus* and five related genera in the Macaronesian islands: molecular evidence for extensive radiation. *Proceedings of the National Academy of Sciences of the United States of America* 93: 7743–7748.
- Kim, S.-C., Crawford, D.J., Francisco-Ortega, J. & Santos-Guerra, A.** 1999. Adaptive radiation and genetic differentiation in the woody *Sonchus* alliance (Asteraceae: Sonchinae) in the Canary Islands. *Plant Systematics and Evolution* 215: 101–118.
- Kim, S.-C., Crawford, D.J. & Jansen, R.K.** 1997 [1997]. Phylogenetic relationships among the genera of the subtribe Sonchinae (Lactuceae: Asteraceae): evidence from ITS sequences. *Systematic Botany* 21: 417–432.
- Kim, S.-C., Crawford, D.J., Jansen, R.K. & Santos-Guerra, A.** 1999. The use of a non-coding region of chloroplast DNA in phylogenetic studies of the subtribe Sonchinae (Asteraceae: Lactuceae). *Plant Systematics and Evolution* 215: 85–99.
- Kim, S.-C., Crawford, D.J., Mesfin Tadesse, Berbee, M., Ganders, F.R., Pirseyedi, M. & Esselman, E.J.** 1999. ITS sequences and phylogenetic relationships in *Bidens* and *Coreopsis* (Asteraceae). *Systematic Botany* 24: 480–493.
- Kim, S.-C., Lee, C. & Mejías, J.A.** 2006. Phylogenetic analysis of chloroplast *matK* gene and ITS of nrDNA sequences reveals polyphyly of the genus *Sonchus* (Asteraceae: Cichorieae). P. 231 in: *Botany 2006*. Botanical Society of America, St. Louis. [Abstract]
- Kim, S.-C., Lee, C. & Mejías, J.A.** 2007. Phylogenetic analysis of chloroplast DNA *matK* gene and ITS of nrDNA sequences reveals polyphyly of the genus *Sonchus* and new relationships among the subtribe Sonchinae (Asteraceae: Cichorieae). *Molecular Phylogenetics and Evolution* 44: 578–597.
- Kim, S.-C., Lu, C.T. & Lepschi, B.J.** 2004. Phylogenetic positions of *Actites megalocarpa* and *Sonchus hydrophilus* (Sonchinae: Asteraceae) based on ITS and chloroplast non-coding DNA sequences. *Australian Systematic Botany* 17: 73–81.
- Kimball, R.T. & Crawford, D.J.** 2004. Phylogeny of Coreopsideae (Asteraceae) using ITS sequences suggests lability in reproductive characters. *Molecular Phylogenetics and Evolution* 33: 127–139.
- Kimball, R.T., Crawford, D.J. & Smith, E.B.** 2003. Evolutionary processes in the genus *Coreocarpus*: insights from molecular phylogenetics. *Evolution* 57: 52–61.
- King, B.L.** 1986. A systematic survey of the leaf flavonoids of *Lychnophora* (Asteraceae, Vernonieae). *Systematic Botany* 11: 403–414.
- King, R.M. & Dawson, H.** 1975. *Cassini on Compositae*. Oriole Editions, New York.
- King, R.M., Janaske, P.C. & Lellinger, D.B.** 1995. *Cassini on Compositae*, II. Monographs in Systematic Botany from the Missouri Botanical Garden 54. Missouri Botanical Garden, St. Louis.
- King, R.M., Janaske, P.C. & Lellinger, D.B.** 1995. *Cassini on Compositae*, III. Monographs in Systematic Botany from the Missouri Botanical Garden 55. Missouri Botanical Garden, St. Louis.
- King, R.M. & Robinson, H.** 1966. Generic limitations in the *Hofmeisteria* complex (Compositae – Eupatorieae). *Phytologia* 12: 465–476.
- King, R.M. & Robinson, H.** 1967. Multiple pollen forms in two species of the genus *Stevia* (Compositae). *Sida* 3: 165–169.
- King, R.M. & Robinson, H.** 1970. The new synantherology. *Taxon* 19: 6–11.
- King, R.M. & Robinson, H.** 1987. *The Genera of the Eupatorieae (Asteraceae)*. Monographs in Systematic Botany from the Missouri Botanical Garden 22. Missouri Botanical Garden, St. Louis.
- Kingham, D.L.** 1976. A study of the pollen morphology of tropical African and certain other Vernonieae (Compositae). *Kew Bulletin* 31: 9–26.
- Kirkman, L.K.** 1981. Taxonomic revision of *Centratherum* and *Phyllocephalum* (Compositae, Vernonieae). *Rhodora* 83: 1–24.
- Kirpichnikov, M.E.** 1960. Revisio specierum generum *Gnaphalium* L. (emend.), *Synchaeta* Kirp. et *Omalotheca* Cass. in URSS crescentium. *Notulae Systematicae* 20: 296–313.
- Kirpichnikov, M.E. & Kuprijanova, L.A.** 1950. “Morphological-geographical and palynological contributions to the understanding of the genera of the subtribe Gnaphaliinae”. *Trudy Botanicheskogo Instituta Akademii Nauk SSSR. Ser. 1. Flora i Sistematika Vyssikh Rastenii. Acta Instituti Botanici Academiae Scientiarum URSS. Ser. 1(9): 7–37.* [In Russian]
- Kisiel, W. & Zielinska, K.** 2001. Guaianolides from *Cichorium intybus* and structure revision of *Cichorium* sesquiterpene lactones. *Phytochemistry* 57: 523–527.
- Kitamura, S.** 1938. Les Mutisieae du Japon. *Journal of Japanese Botany* 14: 298.

- Kling, H.** 1923. *Die Sieketrooster*. Van de Sandt de Villiers, Cape Town.
- Kneiβl, B.** 1981. *Karpologische Untersuchungen an Anthemideae*. Ph.D. Thesis, Ludwig-Maximilians University, Munich.
- Knowles, L.L., Futuyma, D.J., Eames, W.F. & Rannola, B.** 1999. Insights into speciation from historical demography in the phytophagous beetle genus *Ophraella*. *Evolution* 53: 1846–1856.
- Knowles, P.F.** 1989. Safflower. Pp. 363–374 in: Röbbelen, G., Downey, R.K. & Ashri, A. (eds.), *Oil Crops of the World*. McGraw-Hill, New York.
- Knox, E.B.** 1996. What is the origin of the giant *Senecios* in eastern Africa? Pp. 691–703 in: Hind, D.J.N. & Beentje, H.J. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Knox, E.B. & Palmer, J.D.** 1995. The origin of *Dendrosenecio* within the Senecioneae (Asteraceae) based on plastid DNA evidence. *American Journal of Botany* 82: 1567–1573.
- Knudsen, J.T., Tollsten, L., Groth, I., Bergström, G. & Raguso, R.A.** 2004. Trends in floral scent chemistry in pollination syndromes: floral scent composition in hummingbird-pollinated taxa. *Botanical Journal of the Linnean Society* 146: 191–199.
- Koch, M.F.** 1930. Studies in the anatomy and morphology of the Compositae flower, I. The corolla. *American Journal of Botany* 17: 938–952.
- Koch, M.F.** 1930. Studies in the anatomy and morphology of the Compositae flower, II. The corollas of the Heliantheae and Mutisieae. *American Journal of Botany* 17: 995–1010.
- Koekemoer, M.** 1991. Asteraceae: new species in the genus *Disparago*. *Bothalia* 21: 158–161.
- Koekemoer, M.** 1993. Synopsis of the genus *Disparago* (Asteraceae). *Bothalia* 23: 197–206.
- Koekemoer, M.** 1999. The genus *Amphiglossa* (Gnaphalieae, Relhaniinae, Asteraceae) in southern Africa. *Bothalia* 29: 65–75.
- Koenen, E. von.** 1996. *Heil-, Gift-, und eßbare Pflanzen in Namibia*. Klaus Hess Verlag, Göttingen.
- Kokwaro, J.O.** 1976. *Medicinal Plants of East Africa*. General Printers Ltd., Nairobi.
- Kokwaro, J.O.** 1993. *Medicinal Plants of East Africa*. Kenya Literature Bureau, Nairobi.
- Koller, D. & Roth, N.** 1964. Studies on the ecological and physiological significance of amphicarp in *Gymnarrhena micrantha* (Compositae). *American Journal of Botany* 51: 26–35.
- Konishi, N., Watanabe, K. & Kosuge, K.** 2000. Molecular systematics of Australian *Podolepis* (Asteraceae: Gnaphalieae): evidence from DNA sequences of the nuclear ITS region and the chloroplast *matK* gene. *Australian Systematic Botany* 13: 709–727.
- Koontz, J.A., Lundberg, J. & Soltis, D.E.** 2007 [2006]. Rousseeaceae. Pp. 611–613 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Koopman, W.J.M., Guetta, E., Van de Wiel, C.C.M., Vosman, B. & Van den Berg, R.G.** 1998. Phylogenetic relationships among *Lactuca* (Asteraceae) species and related genera based on ITS-1 DNA sequences. *American Journal of Botany* 85: 1517–1530.
- Koopman, W.J.M., Zevenbergen, M.J. & Van den Berg, R.G.** 2001. Species relationships in *Lactuca* s.l. (Lactuceae, Asteraceae) inferred from AFLP fingerprints. *American Journal of Botany* 88: 1881–1887.
- Kornkven, A.B., Watson, L.E. & Estes, J.R.** 1998. Phylogenetic analysis of *Artemisia* section *Tridentatae* (Asteraceae) based on sequences from the internal transcribed spacers (ITS) of nuclear ribosomal DNA. *American Journal of Botany* 85: 1787–1795.
- Kornkven, A.B., Watson, L.E. & Estes, J.R.** 1999. Molecular phylogeny of *Artemisia* section *Tridentatae* (Asteraceae) based on chloroplast DNA restriction site variation. *Systematic Botany* 24: 69–84.
- Koshimizu, K., Ohigashi, H. & Huffman, M.A.** 1994. Use of *Vernonia amygdalina* by wild chimpanzee—possible roles of its bitter and related constituents. *Physiology and Behavior* 56: 1209–1216.
- Koshimizu, K., Ohigashi, H., Huffman, M.A., Nishida, T. & Takasaki, H.** 1993. Physiological activities and the active constituents of potentially medicinal-plants used by wild chimpanzees of the Mahale Mountains, Tanzania. *International Journal of Primatology* 14: 345–356.
- Kosteletzky, V.F.** 1833. *Allgemeine medizinisch-pharmazeutische Flora*, vol. 2. Borrosch & Andre, Prague.
- Koster, J.T.** 1935. The Compositae of the Malay Archipelago, I: Vernoniaceae and Eupatoriaceae. *Blumea* 1: 351–536.
- Koyama, H.** 1975. Notes on *Pertya hossei* and its allies. *Bulletin of the National Science Museum, Tokyo, Series B, Botany* 1: 49–58.
- Koyama, H.** 1984. Taxonomic studies in the Compositae of Thailand 3. *Acta Phytotaxonomica et Geobotánica* 35: 49–58.
- Kress, J., DeFilipps, R.A., Farr, E. & Kyi, D.Y.Y.** 2003. A checklist of the trees, shrubs, herbs and climbers of Myanmar. *Contributions from the United States National Herbarium* 45: 1–590.
- Krief, S., Hladik, C.M. & Haxaire, C.** 2005. Ethnomedicinal and bioactive properties of plants ingested by wild chimpanzees in Uganda. *Journal of Ethnopharmacology* 101: 1–15.
- Krupnick, G.A. & Kress, W.J. (eds.)** 2005. *Plant Conservation. A Natural History Approach*. University of Chicago Press, Chicago and London.
- Kunth, C.S.** 1833–1850. *Enumeratio Plantarum*, 5 vols. Collae, Stuttgart and Tübingen.
- Kurtz, D.B., Goldfarb, M., C., Nunez, F. & Quiros, O.** 2006. Range condition evaluation in Empedrado, Corrientes – Argentina. Institute of Crop Science and Resource Conservation, University of Bonn, Germany. [Abstract.]
- Kurzias, M.A.** 1981. *Vegetation and Flora of the Grapevine Mountains, Death Valley National Monument, California-Nevada*. Cooperative National Park Resources Studies Unit/University of Nevada, Las Vegas 004/07.
- Kwon, H.C., Cho, O.R., Lee, K.C. & Lee, K.R.** 2003. Cerebrosides and terpene glycosides from the root of *Aster scaber*. *Archives of Pharmacal Research* 26: 132–137.
- Kwon, H.C., Jung, C.M., Shin, C.G., Lee, J.K., Choi, S.U., Kim, S.Y. & Lee, K.R.** 2000. A new caffeoyl quinic acid from *Aster scaber* and its inhibitory activity against human immunodeficiency virus-1 (HIV-1) integrase. *Chemical Pharmacology Bulletin* 48: 1796–1798.
- Kyhos, D.W.** 1965. The independent aneuploid origin of two species of *Chaenactis* (Compositae) from a common ancestor. *Evolution* 19: 26–43.
- Kynčlová, M.** 1970. Comparative morphology of achenes of the tribe Anthemideae Cass. (Family Asteraceae) and its taxonomic significance. *Preslia* 42: 33–53.
- Lack, H.W.** 1975. Die Gattung *Picris* L., sensu lato, im ostmediterranen-westasiatischen Raum. *Dissertationen der Universität Wien* 116: i–iv, 1–184, [185]–289.
- Lack, H.W.** 1978. Die Gattung *Heywoodiella* Svent. & Bramw. (Asteraceae, Lactucinae). *Willdenowia* 8: 329–339.

- Lack, H.W.** 1979. The subtribe Hypochoeridinae (Asteraceae, Lactuceae) in the tropics and the southern hemisphere. Pp. 265–276 in: Larsen, K. & Holm-Nielsen, L.B. (ed.), *Tropical Botany. Proceedings of a Symposium Held at the University of Aarhus on 10–12 August 1978*. Academic Press, London.
- Lack, H.W.** 1984. Der plumose Pappus der Lactuceae (Asteraceae). P. 94 in: Ehrendorfer, F. (ed.), *Mitteilungsband. Kurzfassung der Beiträge. Botanikertagung in Wien*. Institut für Botanik der Universität Wien, Wien.
- Lack, H.W.** 2007 [2006]. Cichorieae. Pp. 180–199 in: Kadereit, J.W. & Jeffrey, C. (ed.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Lack, H.W., Ern, H. & Straka, H.** 1980. Die Gattung *Rothmaleria* Font Quer (Asteraceae, Lactuceae). *Willdenowia* 10: 37–49.
- Lack, H.W. & Leuenberger, B.** 1979. Pollen and taxonomy of *Urospermum* (Asteraceae, Lactuceae). *Pollen and Spores* 21: 415–425.
- Lacroix, C.R., Steeves, R. & Kemp, J.F.** 2007. Floral development, fruit set, and dispersal of the Gulf of St. Lawrence Aster (*Symphotrichum laurentianum* (Fernald) Nesom). *Canadian Journal of Botany* 85: 331–341.
- Ladd, P.G.** 1994. Pollen presenters in the flowering plants—form and function. *Botanical Journal of the Linnean Society* 115: 165–195.
- Lagasca, M.** 1811. Disertación sobre un nuevo orden de plantas de la clase de las Compuestas. *Amenidades Naturales de las Españas* 1: 26–44.
- Lamarck, J.B. de & Candolle, A.P. de.** 1805. *Flore Française*, 3e éd., 5 vols. Desray, Paris.
- Lamarck, J.B. de & Candolle, A.P. de.** 1806. *Synopsis Plantarum in Flora Gallica Descriptarum*. Stoupe, Paris.
- Lammers, T.G.** 1992. Circumscription and phylogeny of the Campanulales. *Annals of the Missouri Botanical Garden* 79: 358–413.
- Lammers, T.G.** 2007 [2006]. Campanulaceae. Pp. 26–56 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Lammers, T.G.** 2007 [2006]. Pentaphragmataceae. Pp. 605–607 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Land, W.J.** 1900. Double fertilization in Compositae. *Botanical Gazette* 30: 252–260.
- Lander, N.S.** 1989. *Taplinia*, a new genus of Asteraceae (Inuleae) from Western Australia. *Nuytsia* 7: 37–42.
- Lander, N.S. & Barry, R.** 1980. A review of genus *Minuria* DC. (Asteraceae, Astereae). *Nuytsia* 3: 221–237.
- Lane, M.A.** 1996. Pollination biology of Compositae. Pp. 61–80 in: Caligari, P.D.S. & Hind, D.J.N. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 2, *Compositae: Biology and Utilization*. Royal Botanic Gardens, Kew.
- Lane, M.A., Morgan, D.R., Suh, Y., Simpson, B.B. & Jansen, R.K.** 1996. Relationships of North American genera of Astereae, based on chloroplast DNA restriction site data. Pp. 49–77 in: Hind, D.J.N. & Beentje, H.J. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Lanier, D.** 1995. *Absinthe. The Cocaine of the Nineteenth Century*. McFarland & Company, Inc., Jefferson.
- Lanzotti, V.** 2005. Bioactive saponins from *Allium* and *Aster* plants. *Phytochemistry Reviews* 4: 95–110.
- Lasekan, O.O., Lasekan, W.O. & Babalola, J.O.** 1999. Effect of *Vernonia amygdalina* (bitter leaf) extract on brewing qualities and amino acid profiles of stout drinks from sorghum and barley malts. *Food Chemistry* 64: 507–510.
- Launert, E.** 1981. *The Hamlyn Guide to Edible and Medicinal Plants of Britain and Northern Europe*. Hamlyn, London.
- Lavialle, P.** 1912. Recherches sur le développement de l'ovaire en fruit chez les Composées. *Annales des Sciences Naturelles, Botanique*, ser. 9, 15: 39–149.
- Leadlay, E. & Jury, S. (eds.)**. 2006. *Taxonomy and Plant Conservation*. Cambridge University Press, Cambridge.
- Lebeda, A. Dolezalova, I., Feráková, V. & Astley, D.** 2004. Geographical distribution of wild *Lactuca* species (Asteraceae, Lactuceae). *Botanical Review* 70: 328–356.
- Lee, C., Kim, S.-C., Lundy, K. & Santos-Guerra, A.** 2005. Chloroplast DNA phylogeny of the woody *Sonchus* alliance (Asteraceae: Sonchinae) in the Macaronesian Islands. *American Journal of Botany* 92: 2072–2085.
- Lee, J. & Baldwin, B.G.** 2004. Subtribes of principally North American genera of Cichorieae (Compositae). *Novon* 14: 309–313.
- Lee, J., Baldwin, B.G. & Gottlieb, L.D.** 2003. Phylogenetic relationships among the primarily North American genera of Cichorieae (Compositae) based on analysis of 18S–26S nuclear rDNA ITS and ETS sequences. *Systematic Botany* 28: 616–626.
- Lee, J.S. & Ihm, B.S.** 2004. Growth strategies of four salt marsh plants on Mankyung River estuary of Korea. *Ecological Research* 19: 37–42.
- Lee, S.O., Choi, S.Z., Choi, S.U., Lee, K.C., Chin, Y.W., Kim, J., Kim, Y.C. & Lee, K.R.** 2005. Labdane diterpenes from *Aster spathulifolius* and their cytotoxic effects on human cancer cell lines. *Journal of Natural Products* 68: 1471–1474.
- Lee, S.O., Choi, S.Z., Choi, S.U., Ryu, S.Y. & Lee, K.R.** 2004. Phytochemical constituents of the aerial parts from *Aster hispidus*. *Natural Products Science* 10: 335–340.
- Lee, Y.N.** 2006. *Saeroun Han'guk-ŭi singmul togam* [New Flora of Korea], vol. 2. Kyohaksa, Seoul.
- Leins, P.** 1970. Die Pollenkörner und Verwandtschaftsbeziehungen der Gattung *Eremothamnus* (Asteraceae). *Mitteilungen der Botanischen Staatssammlung München* 7: 369–376.
- Leins, P.** 1971. Pollensystematische Studien an Inuleen, 1. Tarchonanthinae, Plucheinae, Inulinae, Bupthalthminae. *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 91: 91–146.
- Leins, P.** 1973. Pollensystematische Studien an Inuleen, 2. Filagininae. *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 93: 603–611.
- Leins, P. & Erbar, C.** 1987. Studien zur Blütenentwicklung an Compositae. *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 108: 381–401.
- Leins, P. & Erbar, C.** 1990. On the mechanisms of secondary pollen presentation in the Campanulales–Asterales complex. *Botanica Acta* 103: 87–92.
- Leins, P. & Erbar, C.** 2000. Die frühesten Entwicklungsstadien der Blüten bei den Asteraceae. *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 122: 503–515.
- Leins, P. & Erbar, C.** 2006. Secondary pollen presentation syndromes of the Asterales—a phylogenetic perspective. *Botanische Jahrbücher für Systematik Pflanzengeschichte und Pflanzengeographie* 127: 83–103.
- Leins, P. & Thyret, G.** 1971. Pollen phylogeny and taxonomy exemplified by an African Asteraceae group. *Mitteilungen der Botanischen Staatssammlung München* 10: 280–286.

- Leitão-Filho, H. de F. & Semir, J.** 1979. Uma nova combinação para o género *Vernonia* Schreb. (Compositae): *Vernonia damazioi* (Beauverd) Leitão Filho and Semir. *Revista Brasileira de Botânica* 2: 113–116.
- Leppik, E.E.** 1970. Evolutionary differentiation of the flower head of the Compositae II. *Annales Botanici Fennici* 7: 325–352.
- Leppik, E.E.** 1977. The evolution of capitulum types of the Compositae in the light of insect-flower interaction. Pp. 61–89 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 1. Academic Press, London.
- Lepschi, B.J.** 1999. A taxonomic revision of *Pithocarpa* (Asteraceae: Gnaphalieae). *Nuytsia* 13: 61–74.
- Lessing, C.F.** 1829. De synanthereis herbarii regii Berolinensis dissertatio prima. *Linnaea* 4: 240–356, Tab. II.
- Lessing, C.F.** 1830. De synanthereis herbarii regii Berolinensis dissertatio secunda. *Linnaea* 5: 1–42.
- Lessing, C.F.** 1830. De synanthereis herbarii regii Berolinensis dissertatio tertia. *Linnaea* 5: 237–298.
- Lessing, C.F.** 1830. De synanthereis herbarii regii Berolinensis dissertatio tertia, continuatio. *Linnaea* 5: 337–365, Tab. I–IV.
- Lessing, C.F.** 1830. Synanthereae. Pp. 128–164 in: Schlechtendal, D.F.L. von & Chamisso, L.A. von, *Plantarum Mexicanarum a cel. viris Schiede et Deppe collectarum recensio brevis*. *Linnaea* 5: 72–174.
- Lessing, C.F.** 1831. De synanthereis dissertatio quarta. *Linnaea* 6: 624–721.
- Lessing, C.F.** 1831. *Reise durch Norwegen nach den Loffoden durch Lappland und Schweden*. Mylius'sche Buchhandlung, Berlin.
- Lessing, C.F.** 1831. Synanthereae. Pp. 83–170 in: Chamisso, L.A. von & Schlechtendal, D.F.L. von, *De plantis in expeditione speculatoria Romanzoffiana observatis*. *Linnaea* 6: 76–170.
- Lessing, C.F.** 1831. Synanthereae. Pp. 209–260 in: Chamisso, L.A. von & Schlechtendal, D.F.L. von, *De plantis in expeditione speculatoria Romanzoffiana observatis*. Continuatio. *Linnaea* 6: 209–260.
- Lessing, C.F.** 1831. Synanthereae. Pp. 501–526 in: Chamisso, L.A. von & Schlechtendal, D.F.L. von, *De plantis in expeditione speculatoria Romanzoffiana observatis*. Addenda. *Linnaea* 6: 501–544.
- Lessing, C.F.** 1832. *Synopsis Generum Compositarum*. Duncker & Humblot, Berlin.
- Lessing, C.F.** 1834. Beitrag zur Flora des südlichen Urals und der Steppen. *Linnaea* 9: 145–213.
- Levin, D.A.** 1996. The evolutionary significance of pseudo-self-fertility. *American Naturalist* 148: 321–332.
- Levy, M.** 1997. Minimum biosynthetic-step indices as measures of comparative flavonoid affinity. *Systematic Botany* 2: 89–98.
- Lev-Yadun, S.** 2000. Why are underground flowering and fruiting more common in Israel than anywhere else in the world? *Current Science* 79: 289.
- Lev-Yadun, S. & Abbo, S.** 1999. Traditional use of A'kub (*Gundelia tournefortii*, Asteraceae), in Israel and Palestinian Authority area. *Economic Botany* 53: 217–219.
- Lewin, K.** 1922. Systematische Gliederung und geographische Verbreitung der Arctotideae-Arctotidinae. *Repertorium Specierum Novarum Regni Vegetabilis, Beihefte* 11: 1–75.
- Lewinsohn, T.M.** 1991. The geographical distribution of plant latex. *Chemoecology* 2: 64–68.
- Lewis, W.H. & Elvin-Lewis, M.P.F.** 2003. *Medical Botany. Plants Affecting Human Health*, ed. 2. John Wiley & Sons, Hoboken.
- Li, X., Yeang, M., Han, Y.-F. & Gao, K.** 2005. New sesquiterpenes from *Erigeron annuus*. *Planta Medica* 71: 268–272.
- Li, Z.X. & Powell, C. McA.** 2001. An outline of the palaeogeographic evolution of the Australasian region since the beginning of the Neoproterozoic. *Earth-Science Reviews* 53: 237–277.
- Lin, N.-N., Wang, H., Li, D.-Z. & Blackmore, S.** 2005. Pollen morphology of eight genera of the subtribe Mutisiinae Less. sensu Bremer (Compositae) from Asia. *Journal of Integrative Plant Biology* 47: 1036–1046.
- Linder, C.R., Goertzen, L.R., Heuvel, B.V., Francisco-Ortega, J. & Jansen, R.K.** 2000. The complete external transcribed spacer of 18S–26S rDNA: amplification and phylogenetic utility at low taxonomic levels in Asteraceae and closely allied families. *Molecular Phylogenetics and Evolution* 14: 285–303.
- Linder, H.P.** 2003. The radiation of the Cape flora, southern Africa. *Biological Reviews of the Cambridge Philosophical Society* 78: 597–638.
- Linder, H.P.** 2005. Evolution of diversity: the Cape flora. *Trends in Plant Science* 10: 536–541.
- Linder, H.P. & Ellis, R.P.** 1990. Vegetative morphology and interfire survival strategies in the Cape fynbos grasses. *Bothalia* 20: 91–103.
- Lindley, J.** 1828. *A Synopsis of the British Flora*. Longman, Rees, Orme, Brown and Green, London.
- Ling, Y.** 1948. The Chinese species of *Pertya*. *Contributions from the Institute of Botany, National Academy of Peiping* 6(1): 23–35.
- Ling, Y. & Chen, Y.-L.** 1965. Genera nova vel minus cognita familiae Compositarum II. *Cavea* W.W. Smith et Small et *Nannoglottis* Maxim. *Acta Phytotaxonomica Sinica* 10: 92–102. [In Chinese with English abstract]
- Linington, S., Mkhonta, D., Pritchard, H.W. & Terry, J.** 1996. A provisional germination testing scheme for seed of the Compositae. Pp. 223–235 in: Caligari, P.D.S. & Hind, D.J.N. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 2, *Compositae: Biology and Utilization*. Royal Botanic Gardens, Kew.
- Linnaeus, C.** 1737. *Corollarium Generum Plantarum*. C. Wishoff, Leiden.
- Linnaeus, C.** 1738. *Hortus Cliffortianus*. Published by the author, Amsterdam.
- Linnaeus, C.** 1742. *Genera Plantarum*, ed. 2. C. & G.J. Wishoff, Leiden.
- Linnaeus, C.** 1743. *Genera Plantarum*, ed. 3. M.A. David, Paris.
- Linnaeus, C.** 1751. *Philosophia Botanica*. Godofr Kiesewetter, Stockholm.
- Linnaeus, C.** 1753. *Species Plantarum*. Salvii, Holmiae.
- Linnaeus, C.** 1767. *Mantissa Plantarum*. Salvii, Holmiae.
- Linnaeus, C.** 1767. *Systema Naturae*, ed. 12, vol. 2. Salvii, Holmiae.
- Linnaeus, C. von., fil.** 1781. *Supplementum Plantarum Systematis Vegetabilium*, ed. 13. Impensis Orphanotropei, Brunsvigae.
- Lisowski, S.** 1987. Deux Vernonieae (Asteraceae nouvelles pour le Zaïre). *Bulletin du Jardin Botanique de l'État à Bruxelles* 57: 470–473.
- Lisowski, S.** 1992. Les Vernonieae (Asteraceae) dans la flore d'Afrique centrale (excl. le genre *Vernonia*). *Fragmenta Floristica et Geobotanica* 37: 275–369.
- Liu, J.-Q.** 2000. Pollen wall ultrastructures of the subtribe Tussilaginatae (Asteraceae: Senecioneae) of eastern Asia and their systematic and taxonomic significance. *Journal of Wuhan Botanical Research* 18: 461–465.
- Liu, J.-Q.** 2004. Uniformity of karyotypes in *Ligularia* (Aster-

- aceae: Senecioneae), a highly diversified genus of the eastern Qinghai-Tibet Plateau highlands and adjacent areas. *Botanical Journal of the Linnean Society* 144: 329–342.
- Liu, J.-Q., Gao, T.-G., Chen, Z.-D. & Lu, A.-M.** 2002. Molecular phylogeny and biogeography of the Qinghai-Tibet Plateau endemic *Nannoglottis* (Asteraceae). *Molecular Phylogenetics and Evolution* 23: 307–325.
- Liu, J.-Q., Wang, Y.-J., Wang, A.-L., Ohba, H. & Abbott, R.J.** 2006. Radiation and diversification within the *Ligularia-Cremanthodium-Parasenecio* complex (Asteraceae) triggered by uplift of the Qinghai-Tibetan Plateau. *Molecular Phylogenetics and Evolution* 38: 31–49.
- Liu, Y., Zhang, S. & Abreu, P.J.M.** 2006. Heterocyclic terpenes: linear furano- and pyrroloterpenoids. *Natural Products Reports* 23: 630–651.
- Loockerman, D.J., Turner, B.L. & Jansen, R.K.** 2003. Phylogenetic relationships within the Tageteae (Asteraceae) based on nuclear ribosomal ITS and chloroplast *ndhF* gene sequences. *Systematic Botany* 28: 191–207.
- Lopes, J.L.C.** 1991. Sesquiterpene lactones from *Vernonia*. *Memorias do Instituto Oswaldo Cruz* 86: 227–230.
- López, M.G., Wulff, A.F., Poggio, L. & Xifreda, C.C.** 2005. Chromosome numbers and meiotic studies in species of *Senecio* (Asteraceae) from Argentina. *Botanical Journal of the Linnean Society* 148: 465–474.
- López-Figueiras, M.** 1970. José Cuatrecasas, botanical colleague and friend. Pp. 17–19 in: **Cuatrecasas, J.**, *Brunelliaceae Supplement. Flora Neotropica Monographs 2 supplement*. New York Botanical Garden Press, New York.
- López-Vinyallonga, S., Mehregan, I., Garcia-Jacas, N., Tscherneva, O., Susanna, A. & Kadereit, J.W.** 2009. Phylogeny and evolution of the *Arctium-Cousinia* complex (Compositae, Cardueae-Carduinae). *Taxon* 58: 153–171.
- Lowrey, T.K.** 1986. A biosystematic revision of Hawaiian *Tetramolopium* (Compositae: Astereae). *Allertonia* 4: 203–265.
- Lowrey, T.K.** 1995. Phylogeny, adaptive radiation, and biogeography of Hawaiian *Tetramolopium* (Asteraceae: Astereae). Pp. 195–220 in: Wagner, W.L. & Funk, V.A. (eds.), *Hawaiian Biogeography: Evolution on a Hot Spot Archipelago*. Smithsonian Institution Press, Washington, D.C.
- Lowrey, T.K. & Crawford, D.J.** 1985. Allozyme divergence and evolution in *Tetramolopium* (Compositae: Astereae) on the Hawaiian Islands. *Systematic Botany* 10: 64–72.
- Lowrey, T.K., Quinn, C.J., Taylor, R.K., Chan, R., Kimball, R.T. & Nardi, J.C. de.** 2001. Molecular and morphological reassessment of relationships within the *Vittadinia* group of Astereae (Asteraceae). *American Journal of Botany* 88: 1279–1289.
- Lowrey, T.K., Whitkus, R. & Sykes, W.R.** 2005. A new species of *Tetramolopium* (Asteraceae) from Mitiaro, Cook Islands: biogeography, phylogenetic relationships, and dispersal. *Systematic Botany* 30: 448–455.
- Lu, T., Cantrell, C.L., Robbs, S.L., Franzblau, S.G. & Fischer, N.H.** 1998. Antimycobacterial matricaria esters and lactones from Astereae species. *Planta Medica* 64: 665–667.
- Luan, S., Chiang, T.-Y. & Gong, X.** 2006. High genetic diversity vs. low genetic differentiation in *Nowelia insignis* (Asteraceae), a narrowly distributed and endemic species in China, revealed by ISSR fingerprinting. *Annals of Botany* 98: 583–589.
- Lundberg, J.** 2001. The asteralean affinity of the Mauritian *Roussea* (Rousseaceae). *Botanical Journal of the Linnean Society* 137: 267–276.
- Lundberg, J. & Bremer, K.** 2003. A phylogenetic study of the order Asterales using one morphological and three molecular data sets. *International Journal of Plant Sciences* 164: 553–578.
- Lundgren, J.** 1972. Revision of the genus *Anaxeton* Gaertn. (Compositae). *Opera Botanica* 31: 1–59.
- Lundgren, J.** 1974. The genus *Petalacte* D. Don (Compositae). *Botaniska Notiser* 127: 119–124.
- Lundin, R.** 2006. *Nordenstamia* Lundin (Compositae-Senecio- neae), a new genus from the Andes of South America. *Compositae Newsletter* 44: 14–18.
- Mabry, T.J.** 1973. Is the Centrospermae monophyletic? A review of phylogenetically significant molecular, ultrastructural and other data for Centrospermae families. Pp. 75–85 in: Bednz, G., Santesson, J. & Runnstrom-Reio, V. (eds.), *Chemistry in Botanical Classification*. Nobel Foundation, Stockholm; Academic Press, New York.
- Mabry, T.J. & Bohlmann, F.** 1977. Summary of the chemistry of the Compositae. Pp. 1097–1104 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 2. Academic Press, London.
- Macel, M.**, 2003. *On the Evolution of the Diversity of Pyrrolizidine Alkaloids. The Role of Insects as Selective Forces*. Ph.D. Thesis Leiden University, Leiden.
- Macleish, N.F.F.** 1984. *Argyrovernonia* and *Paralychnophora*—new names in the tribe Vernonieae (Asteraceae Compositae). *Taxon* 33: 105–106.
- Macleish, N.F.F.** 1984. Eight new combinations in *Vernonia* (Compositae, Vernonieae). *Systematic Botany* 9: 133–136.
- Macleish, N.F.F.** 1985. Revision of *Chresta* and *Pycnocephalum* (Compositae, Vernonieae). *Systematic Botany* 10: 459–470.
- Macleish, N.F.F.** 1985. Revision of *Glaziovianthus* (Compositae, Vernonieae). *Systematic Botany* 10: 347–352.
- Macleish, N.F.F.** 1987. Revision of *Eremanthus* (Compositae, Vernonieae). *Annals of the Missouri Botanical Garden* 74: 265–290.
- Macleish, N.F.F. & Schumacher, H.** 1984. Six new species of *Eremanthus* (Compositae, Vernonieae) from Brazil. *Systematic Botany* 9: 84–94.
- Macleod, J.K. & Rasmussen, H.B.** 1999. A hydroxy-beta-caryophyllene from *Pterocaulon serrulatum*. *Phytochemistry* 50: 105–108.
- Maddison, D.R. & Maddison, W.P.** 2005. *MacClade*, vers. 4x. Sinauer, Sunderland.
- Maffei, M.** 1996. Chemotaxonomic significance of leaf wax alkanes in the Compositae. Pp. 141–158 in: Hind, D.J.N. & Beentje, H.J., eds., *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Maguire, B.** 1956. Distribution, endemism, and evolution patterns among Compositae of the Guayana Highland of Venezuela. *Proceedings of the American Philosophical Society* 100: 467–475.
- Maguire, B. & Wurdack, J.J.** 1957. The botany of the Guayana Highland. Part II. *Memoirs of the New York Botanical Garden* 9: 235–392.
- Mahmoud, A.A., Ahmed, A.A., Iinuma, M. & Tanaka, T.** 1998. Further monoterpene 5-methylcoumarins and an acetophenone derivative from *Ethulia conyzoides*. *Phytochemistry* 48: 543–546.
- Mahoney, A.M. & McKenzie, R.J.** 2008. Notes on two southern African *Arctotis* species (Arctotideae: Asteraceae) growing in California. *Madroño* 55: 244–247.
- Mai, D.H.** 1995. *Tertiäre Vegetationsgeschichte Europas*. Fischer, Jena.
- Maki, M.** 1999. Genetic diversity in the threatened insular

- endemic plant *Aster asa-grayi* (Asteraceae). *Plant Systematics and Evolution* 217: 1–9.
- Maki, M., Masuda, M. & Inoue, K.** 1996. Genetic diversity and hierarchical population structure of a rare autotetraploid plant, *Aster kantoensis* (Asteraceae, Astereae). *American Journal of Botany* 83: 296–303.
- Maki, M. & Morita, H.** 1998. Genetic diversity in island and mainland populations of *Aster spathulifolius* (Asteraceae). *International Journal of Plant Sciences* 159: 148–152.
- Makino, T.** 1906. Observation on the Flora of Japan. *Botanical Magazine, Tokyo* 20: 23–38.
- Malla, S.B., Bhattarai, S., Gorkhali, M., Saiju, H. & Singh, M.P.** 1977. IOPB chromosome number reports LVII. *Taxon* 26: 443–452.
- Manez, S., Recio, M.C., Giner, R.M., Sanz, M.J., Terencio, M.C., Peris, J.B., Stubing, G. & Rios, J.-L.** 1994. A chemotaxonomic review of the subtribe Crepidinae based on its phenolic constituents. *Biochemical Systematics and Ecology* 22: 297–305.
- Mangena, T. & Muyima, N.Y.O.** 1999. Comparative evaluation of the antimicrobial activities of the essential oils of *Artemisia afra*, *Pteronia incana*, and *Rosmarinus officinalis* on selected bacteria and yeast strains. *Letters in Applied Microbiology* 28: 291–296.
- Mani, M.S. & Saravanan, J.M.** 1999. *Pollination Ecology and Evolution in Compositae (Asteraceae)*. Science Publishers, Enfield and Plymouth.
- Manilal, K.S.** 1971. Vascularization of corolla of the Compositae. *Journal of the Indian Botanical Society* 50: 189–196.
- Mann, R.K., Rosser, S.W. & Witt, W.W.** 1983. Biology and control of tall ironweed (*Vernonia altissima*). *Weed Science* 31: 324–328.
- Mansanares, M.E.** 2004. Estudio fitotaxonomico de especies do género *Lychnophora* Mart. (Asteraceae: Vernoniaeae: Lychnophorinae). Ph.D. Thesis, Universidade Estadual de Campinas, Campinas, Brasil.
- Mansanares, M.E., Forni-Martins, E.R. & Semir, J.** 2002. Chromosome numbers in the genus *Lychnophora* Mart. (Lychnophorinae, Vernoniaeae, Asteraceae). *Caryologia* 55: 367–374.
- Mapes, C.C. & Davies, P.J.** 2001. Indole-3-acetic acid and ball gall development on *Solidago altissima*. *New Phytologist* 151: 195–202.
- Mapes, C.C. & Davies, P.J.** 2001. Cytokinins in the ball gall development of *Solidago altissima* and in the gall forming larvae of *Eurosta solidaginis*. *New Phytologist* 151: 203–212.
- Marco, J.A. & Barberá, Ó.** 1990. Natural products from the genus *Artemisia* L. Pp. 201–264 in: Atta-ur-Rahman (ed.), *Studies in Natural Products Chemistry*, vol. 7A. Elsevier, Amsterdam.
- Marcos, T.F., Flor, L.B., Velilla, A.R., Schoenly, K.G., Manolo, J.O., Ofilas, O.M., Teng, P.S., Ulep, J.R., Tinguil, M.B., Mew, T.W., Estoy, A.B., Cocson, L.G. & Obien, S.R.** 2000. Relationships between pests and natural enemies in rainfed rice and associated crop and wild habitats in Ilocos Norte, Philippines. International Rice Research Institute, Proceedings of the Impact Symposium on Exploiting Biodiversity for Sustainable Pest Management, 21–23 August 2000, Kunming, China. [Abstract.]
- Markos, S. & Baldwin, B.G.** 2001. Higher-level relationships and major lineages of *Lessingia* (Compositae, Astereae) based on nuclear rDNA internal and external transcribed spacer (ITS and ETS) sequences. *Systematic Botany* 26: 168–183.
- Markos, S. & Baldwin, B.G.** 2002. Structure, molecular evolution, and phylogenetic utility of the 5' region of the external transcribed spacer of 18S–26S rDNA in *Lessingia* (Compositae, Astereae). *Molecular Phylogenetics and Evolution* 23: 214–228.
- Markötter, E.** 1939. Eine Revision der Gattung *Corymbium* L. *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 70: 354–372.
- Marloth, R.** 1932. *The Flora of South Africa*, vol. 3(2). Darter Bros., Cape Town; Wheldon & Wesley, London.
- Marlowe, K. & Hufford, L.** 2007. Taxonomy and biogeography of *Gaillardia* (Asteraceae): a phylogenetic analysis. *Systematic Botany* 32: 208–226.
- Martcorena, C. & Parra, O.** 1975. Morfología de los granos de polen de *Hesperomannia* Gray y *Moquinia* DC. (Compositae-Mutisieae). Estudio comparativo con géneros afines. *Gayana, Botánica* 29: 3–22.
- Martín Villodre, J. & Garcia-Jacas, N.** 2000. Pollen studies in subtribe Centaureinae (Asteraceae): the *Jacea* group analysed with electron microscopy. *Botanical Journal of the Linnean Society* 133: 473–383.
- Martín, J., Torrell, M. & Vallès, J.** 2001. Palynological features as a systematic marker in *Artemisia* L. and related genera (Asteraceae, Anthemideae). *Plant Biology* 3: 372–378.
- Martín, J., Torrell, M., Korobkov, A.A. & Vallès, J.** 2003. Palynological features as a systematic marker in *Artemisia* L. and related genera (Asteraceae, Anthemideae) – II. Implications for subtribe Artemisiinae delimitation. *Plant Biology* 5: 85–93.
- Martinoli, G.** 1940. Contributo all'embriologia delle Asteraceae: IV–V. *Nuovo Giornale Botanico Italiano*, ser. 2, 47: 287–322.
- Martins, L.** 2006. *Klaseopsis* and *Archiseratula*—two new genera segregated from *Serratula* (Compositae, Cardueae). *Taxon* 55: 973–976.
- Martynov, I.I.** 1820. *Tekhno-Botanicalskii Slovar*. Rossiiska Akademia, St. Petersburg.
- Marzinek, J., De-Paula, O.C. & Oliveira, D.M.T.** 2008. Cypsela or achene? Refining terminology by considering anatomical and historical factors. *Revista Brasileira de Botânica* 31: 549–553.
- Mathew, A. & Mathew, P.M.** 1976. Studies on south Indian Compositae. II. Cytology of the genus *Vernonia* Schreb. *Cytologia* 41: 401–406.
- Mathew, A. & Mathew, P.M.** 1982. Studies on the South Indian Compositae. 4. Karyomorphology of 8 species of *Vernonia* Schreb. *Cytologia* 47: 163–169.
- Mathew, A. & Mathew, P.M.** 1988. Cytological studies on the south Indian Compositae. *Glimpses in Plant Research* 8: 1–177.
- Mathew, P.M. & Mathew, A.** 1983. Studies on the South Indian Compositae. V. Cytotaxonomic consideration of the tribes Vernoniaeae and Eupatorieae. *Cytologia* 48: 679–690.
- Matoba, H., Soejima, A. & Hoshi, Y.** 2007. Identification of parental genomes and genomic organization in *Aster microcephalus* var. *ovatus*. *Journal of Plant Research* 120: 585–593.
- Mattfeld, J.** 1931. Compositae novae sinenses. *Notizblatt des Botanischen Gartens und Museums zu Berlin-Dahlem* 11(102): 105.
- Mattfeld, J.** 1940. Einige neue Compositen aus dem Gebiet des Saruwaged-Gebirges in Neuguinea. *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 70: 470–482.
- Matzenbacher, N.I.** 1998. O complexo “Senecionioide” (Asteraceae–Senecioneae) no Rio Grande do Sul, Brasil. Ph.D. Thesis, Universidade Federal do Rio Grande do Sul, Porto Alegre.
- Matzenbacher, N.I. & Mafioleti, S.I.** 1994. Estudio taxonómico do genero *Vernonia* Schreb. (Asteraceae) no Rio Grande do Sul, Brasil. *Comunicações do Museu de Ciências e Tecnologia-PUCRS, Botany Series* 1: 1–133.
- Mavrodiev, E.V., Edwards, C.E., Albach, D.C., Gitzendanner, M.A., Soltis, P.S. & Soltis, D.E.** 2004. Phylogenetic relationships in subtribe Scorzonerinae (Asteraceae: Cichori-

- oideae: Cichorieae) based on ITS sequence data. *Taxon* 53: 699–712.
- Mayor, R. & Naciri, Y.** 2007. Identification and characterization of eight microsatellite loci in *Aster amellus* L. (Asteraceae). *Molecular Ecology Notes* 7: 233–235.
- McClintock, E.** 1993. *Gazania*. In: Hickman, J.C. (ed.), *The Jepson Manual: Higher Plants of California*. University of California Press, Berkeley.
- McKenzie, R.J. & Barker, N.P.** 2007. Proposal to conserve the name *Venidium semipapposum* (*Arctotis semipapposa*) against *A. scabra* (Asteraceae, Arctotideae). *Taxon* 56: 1300–1301.
- McKenzie, R.J. & Barker, N.P.** 2008. Radiation of southern African daisies: biogeographic inferences for subtribe Arctotidinae (Asteraceae: Arctotideae). *Molecular Phylogenetics and Evolution* 49: 1–16.
- McKenzie, R.J., Barker, N.P. & Mitchell, S.D.** 2006. A new species of *Arctotis* (Compositae, Arctotideae) from kommetjie grassland in Eastern Cape province, South Africa. *Botanical Journal of the Linnean Society* 151: 581–588.
- McKenzie, R.J., Herman, P.P.J. & Barker, N.P.** 2006. *Arctotis decurrens* (Arctotideae), the correct name for *A. merxmülleri* and *A. scullyi*. *Bothalia* 36: 171–173.
- McKenzie, R.J., Hjertson, M. & Barker, N.P.** 2008. Typification of the name *Arctotis lanata* and those of some southern African *Haplocarpha* species (Asteraceae, Arctotideae). *Taxon* 57: 612–614.
- McKenzie, R.J., Hjertson, M. & Barker, N.P.** 2008. Typification of *Arctotis plantaginea* and names in the *Arctotis semipapposa* species complex (Asteraceae, Arctotideae). *Taxon* 57: 1341–1346.
- McKenzie, R.J., Muller, E.M., Skinner, A.K.W., Karis, P.O. & Barker, N.P.** 2006. Phylogenetic relationships and generic delimitation in subtribe Arctotidinae (Asteraceae: Arctotideae) inferred by DNA sequence data from ITS and five chloroplast regions. *American Journal of Botany* 93: 1222–1235.
- McKenzie, R.J., Samuel, J., Muller, E.M., Skinner, A.K.W. & Barker, N.P.** 2005. Morphology of cypselae in subtribe Arctotidinae (Compositae-Arctotideae) and its taxonomic implications. *Annals of the Missouri Botanical Garden* 92: 569–594.
- McKenzie, R.J., Ward, J.M. & Breitwieser, I.** 2008. Hybridisation beyond the F_1 generation between the New Zealand endemic everlasting *Anaphalioides bellidioides* and *Ewartia Sinclairii* (Asteraceae: Gnaphalieae). *Plant Systematics and Evolution* 273: 13–24.
- McKenzie, R.J., Ward, J.M., Lovis, J.D. & Breitwieser, I.** 2004. Morphological evidence for natural intergeneric hybridisation in the New Zealand Gnaphalieae (Compositae): *Anaphalioides bellidioides* × *Ewartia Sinclairii*. *Botanical Journal of the Linnean Society* 145: 59–75.
- McKenzie, R.J., Ward, J.M. & Murray, S.M.** 2003. A natural hybrid between *Raoulia bryoides* and *R. grandiflora* (Compositae-Gnaphalieae) from Mt St Patrick, Canterbury, New Zealand. *New Zealand Journal of Botany* 41: 719–723.
- McKown, A.D., Moncalvo, J.-M. & Dengler, N.G.** 2005. Phylogeny of *Flaveria* (Asteraceae) and inference of C_4 photosynthesis evolution. *American Journal of Botany* 92: 1911–1928.
- McMullen, C.K.** 1987. Breeding system of selected Galápagos Islands angiosperms. *American Journal of Botany* 74: 1694–1705.
- McMullen, C.K.** 1990. Reproductive biology of Galápagos Islands angiosperms. Pp. 35–45 in: Lawesson, J.E., Hamann, O., Rogers, G., Reck, G. & Ochoa, H. (eds.), *Botanical Research and Management in the Galápagos*. Monographs in Systematic Botany from the Missouri Botanical Garden, vol. 32. Missouri Botanical Garden Press, St. Louis.
- McMullen, C.K. & Naranjo, S.J.** 1994. Pollination of *Scalesia baurii* ssp. *hopkinsii* (Asteraceae) on Pinta Island. *Noticias de Galápagos* 53: 25–28.
- McNeill, J., Barrie, F.R., Burdet, H.M., Demoulin, V., Hawksworth, D.L., Marhold, K., Nicolson, D.H., Prado, J., Silva, P.C., Skog, J.E., Wiersema, J.H. & Turland, N.J. (eds.)** 2006. *International Code of Botanical Nomenclature (Vienna Code) Adopted by the Seventeenth International Botanical Congress, Vienna, Austria, July 2005*. Regnum Vegetabile 146. Gantner, Ruggell.
- McVaugh, R.** 1984. *Flora Novo-Galiciana*, vol. 12, *Compositae*. University of Michigan Press, Ann Arbor.
- Mehra, P.N., Gill, B.S., Mehra, J.K. & Sidhu, S.S.** 1965. Cytological investigations on the Indian Compositae. I. North-Indian taxa. *Caryologia* 18: 35–68.
- Meiri, L. & Dulberger, R.** 1986. Stamen filament structure in the Asteraceae: the anther collar. *New Phytologist* 104: 693–701.
- Melchert, T.E.** 1968. Systematic studies in the Coreopsidinae: cytotaxonomy of Mexican and Guatemalan *Cosmos*. *American Journal of Botany* 55: 345–353.
- Melchert, T.E. & Turner, B.L.** 1990. New species, names, and combinations in Mexican *Bidens* (Asteraceae: Coreopsidae). *Phytologia* 68: 20–31.
- Mendelak, M. & Schweizer, D.** 1986. Giemsa C-banded karyotypes of some diploid *Artemisia* species. *Plant Systematics and Evolution* 152: 195–210.
- Mendes, N.M., Queiroz, R.O., Grandi, T.S.M., Dos Anjos, A.M.G., De Oliveira, A.B. & Zani, C.L.** 1999. Screening of Asteraceae (Compositae) plant extracts for molluscicidal activity. *Memorias do Instituto Oswaldo Cruz* 94: 411–412.
- Mendonça, M.E., Juárez, B.E. & Seeligmann, P.** 1997. Flavonoid patterns of some Barnadesioideae (Asteraceae). Eventual chemosystematic significance. *Biochemical Systematics and Ecology* 25: 673–674.
- Mendonça, M.E., Juárez, B.E. & Seeligmann, P.** 2000. Flavonoid profiles of some Argentine species of *Chuquiraga* (Asteraceae). *Biochemical Systematics and Ecology* 28: 283–285.
- Mendonça, C.G. de.** 2004. Características das superfícies foliares de algumas plantas daninhas e estudo da absorção de translocação de 2,4,-D em *Memora peregrina* (Miers) Sandwith. Ph.D. Thesis, Universidade de São Paulo, São Paulo. [http://www.teses.usp.br]
- Merino, M.** 2003. Hizo historia: José Cuatrecasas (1903–1996). *Ambiente* 25: 63–64.
- Merrell, W.D.** 1900. A contribution to the life history of *Silphium*. *Botanical Gazette* 29: 99–133.
- Merxmüller, H.** 1950. Compositen-Studien I. *Mitteilungen der Botanischen Staatssammlung München* 2: 33–46.
- Merxmüller, H.** 1954. Beiträge zur Taxonomie der Compositen. *Berichte der Deutschen Botanischen Gesellschaft* 67: 23–24.
- Merxmüller, H.** 1954. Compositen-Studien IV: Die Compositen-Gattungen Südwestafrikas. *Mitteilungen der Botanischen Staatssammlung München* 1: 397–443.
- Merxmüller, H.** 1966–1972. *Prodromus einer Flora von Südwestafrika*, 4 vols. Cramer, Lehre.
- Merxmüller, H.** 1980. Compositen-Studien XI. *Mitteilungen der Botanischen Staatssammlung München* 20: 61–96.
- Merxmüller, H., Leins, P. & Roessler, H.** 1977. Inuleae—systematic review. Pp. 577–602 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 1. Academic Press, London.
- Mesfin Tadesse.** 1984. *Microlecanae* (Sch. Bip.) Bentham—a

- congener of *Bidens* (Compositae – Heliantheae). *Nordic Journal of Botany* 4: 737–746.
- Mesfin Tadesse.** 1984. The genus *Bidens* (Compositae) in N.E. tropical Africa. *Acta Universitatis Upsaliensis Symbolae Botanicae Upsaliensis* 24: 1–38.
- Mesfin Tadesse.** 1986. The morphological basis for the inclusion of African species of *Coreopsis* L. in *Bidens* L. (Compositae–Heliantheae). *Acta Universitatis Upsaliensis Symbolae Botanicae Upsaliensis* 26: 189–203.
- Mesfin Tadesse.** 1990. *Glossocardia* and *Neuractis* (Compositae), new records for Africa. *Kew Bulletin* 141–145.
- Mesfin Tadesse.** 1993. An account of *Bidens* (Compositae–Heliantheae) for Africa. *Kew Bulletin* 48: 437–516.
- Mesfin Tadesse & Crawford, D.J.** 2006. Resurrection of the genus *Selleophyllum* (Asteraceae: Coreopsidae). *Nordic Journal of Botany* 24: 161–166.
- Mesfin Tadesse, Crawford, D.J. & Kim, S.-C.** 2001. A cladistic analysis of morphological features in *Bidens* L. and *Coreopsis* L. (Asteraceae–Heliantheae) with notes on generic limitation and systematics. *Biologiske Skrifter* 54: 85–102.
- Mesfin Tadesse, Crawford, D.J. & Smith, E.B.** 1995. Comparative capitular morphology and anatomy of *Coreopsis* L. and *Bidens* L., including a review of generic boundaries. *Brittonia* 47: 61–91.
- Mesfin Tadesse, Crawford, D.J. & Smith, E.B.** 1995. Pollen morphology of North American *Coreopsis* (Compositae–Heliantheae). *Grana* 34: 21–27.
- Mesfin Tadesse & Hedberg, I.** 1986. Chromosome number reports XC (Asteraceae). *Taxon* 35: 196.
- Mesfin Tadesse & Reilly, T.** 1995. A contribution to studies on *Helichrysum* (Compositae–Gnaphalieae)—a revision of the species of north-east tropical Africa. Pp. 379–450 in: Hind, D.J.N., Jeffrey, C. & Pope, G.V. (eds.), *Advances in Compositae Systematics*. Royal Botanic Gardens, Kew.
- Meusel, H. & Jäger, E.J. (eds.)**. 1992. *Vergleichende Chorologie der zentraleuropäischen Flora*. Fischer, Jena
- Meusel, H. & Kästner, A.** 1994. Lebensgeschichte der Gold- und Silberdisteln: Monographie der mediterran-mitteleuropäischen Compositen-Gattung *Carlina*. Band II. *Österreichische Akademie der Wissenschaften, Mathematisch-Naturwissenschaftliche Klasse, Denkschriften* 128: 1–657.
- Meusel, H. & Kohler, E.** 1960. Die Blattbildung von *Carlina vulgaris* L. *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 79: 192–207.
- Meyer, G.A.** 1998. Mechanisms promoting recovery from defoliation in goldenrod (*Solidago altissima*). *Canadian Journal of Botany* 76: 450–459.
- Meyer, G.A.** 1998. Pattern of defoliation and its effects on photosynthesis and growth in goldenrod. *Functional Ecology* 12: 270–279.
- Meyer, S.E.** 1997. Ecological correlates of achene mass variation in *Chrysothamnus nauseosus* (Asteraceae). *American Journal of Botany* 84: 471–477.
- Miao, B., Turner, B.L. & Mabry, T.J.** 1995. Systematic implications of chloroplast DNA variation in the subtribe Ambrosiinae (Asteraceae: Heliantheae). *American Journal of Botany* 82: 924–932.
- Michaels, H.J., Scott, K.M., Olmstead, R.G., Szaro, T., Jansen, R.K. & Palmer, J.D.** 1993. Interfamilial relationships of the Asteraceae: insights from *rbcL* sequence variation. *Annals of the Missouri Botanical Garden* 80: 742–751.
- Midgley, G.F., Hannah, L., Roberts, R., MacDonald, D.J. & Allosopp, J.** 2001. Have Pleistocene climatic cycles influenced species richness patterns in the greater Cape Mediterranean Region? *Journal of Mediterranean Ecology* 2: 137–144.
- Milstead, W.L.** 1964. *A Revision of the North American Species of Prenanthes*. Ph.D. Thesis, Purdue University, Lafayette.
- Mitsui, Y., Chen, S.T., Zhou, Z.K., Peng, C.I., Deng, Y.F. & Setoguchi, H.** 2007. Phylogeny and biogeography of the genus *Ainsliaea* (Asteraceae) in the Sino-Japanese region based on nuclear rDNA and plastid DNA sequence data. *Annals of Botany* 101: 111–124.
- Mitsuoka, S. & Ehrendorfer, F.** 1972. Cytogenetics and evolution of *Matricaria* and related genera (Asteraceae–Anthemideae). *Österreichische Botanische Zeitschrift* 120: 155–200.
- Moar, N.T.** 1993. *Pollen Grains of New Zealand Dicotyledonous Plants*. Manaaki Whenua Press, Lincoln.
- Mooser, W.** 1910. Die afrikanischen Arten der Gattung *Helichrysum* Adans. *Botanische Jahrbücher* 44: 239–345.
- Moller, A.P. & Eriksson, M.** 1995. Pollinator preference for symmetrical flowers and sexual selection in plants. *Oikos* 73: 15–22.
- Molloy, B.P.J. & Simpson, M.J.A.** 1980. Taxonomy, distribution, and ecology of *Pachystegia* (Compositae). *New Zealand Journal of Ecology* 3: 1–3.
- Monti, A., Amaducci, M.T., Pritoni, G. & Venturi, G.** 2005. Growth, fructan yield, and quality of chicory (*Cichorium intybus* L.) as related to photosynthetic capacity, harvest time, and water regime. *Journal of Experimental Botany* 56: 1389–1395.
- Moore, A.J. & Bohs, L.** 2007. Phylogeny of *Balsamorhiza* and *Wyethia* (Asteraceae: Heliantheae) using ITS, ETS, and *trnK* sequence data. *Systematic Botany* 32: 682–691.
- Moore, M., Francisco-Ortega, J., Santos-Guerra, A. & Jansen, R.K.** 2002. Chloroplast DNA evidence for the roles of island colonization and extinction in *Tolpis* (Asteraceae: Lactuceae). *American Journal of Botany* 89: 518–526.
- Moore, S.** 1929. *Alabastra diversa*. XXXVI (2). Notes on African Compositae. *Journal of Botany* 67: 273–274.
- Mooring, J.S.** 1965. Chromosome studies in *Chaenactis* and *Chamaechaenactis* (Compositae, Helenieae). *Brittonia* 17: 17–25.
- Moran, E. & Funk, V.A.** 2006. A revision of *Erato* (Compositae: Liabeae). *Systematic Botany* 31: 597–609.
- Moran, N.A., Kaplan, M.E., Gelsey, M.J., Murphy, T.G. & Scholes, E.A.** 1999. Phylogenetics and evolution of the aphid genus *Uroleucon* based on mitochondrial and nuclear DNA sequences. *Systematic Entomology* 24: 85–93.
- Moran, R.** 1996. *The Flora of Guadalupe Island, Mexico*. Memoirs of the California Academy of Sciences, Number 19. California Academy of Sciences, San Francisco.
- Morefield, J.D.** 1992. Resurrection and revision of *Hesperevax* (Asteraceae, Inuleae). *Systematic Botany* 17: 293–310.
- Morgan, D.R.** 1993. A molecular study and taxonomic revision of *Psilactis* (Asteraceae: Astereae). *Systematic Botany* 18: 290–308.
- Morgan, D.R.** 1997. Reticulate evolution in *Machaeranthera* (Asteraceae). *Systematic Botany* 22: 599–531.
- Morgan, D.R.** 2003. nrDNA external transcribed spacer (ETS) sequence data, reticulate evolution, and the systematics of *Machaeranthera* (Asteraceae). *Systematic Botany* 28: 179–190.
- Morgan, D.R. & Hartman, R.L.** 2003. A synopsis of *Machaeranthera* (Asteraceae: Astereae), with recognition of segregate genera. *Sida* 20: 1387–1416.
- Morgan, D.R. & Simpson, B.B.** 1992. A systematic study of *Machaeranthera* (Asteraceae) and related groups using restriction site analysis of chloroplast DNA. *Systematic Botany* 17: 511–531.

- Morrow, P.A., Tonkyn, D.W. & Goldberg, R.J.** 1989. Patch colonization by *Trirhabda canadensis* (Coleoptera: Chrysomelidae): effects of plant species composition and wind. *Oecologia* 81: 43–50.
- Mort, M.E., Crawford, D.J. & Fairfield, K.N.** 2004. Phylogeny and character evolution in California *Coreopsis* (Asteraceae): insights from morphology and from sequences of the nuclear and plastid genomes. *Systematic Botany* 29: 781–789.
- Morton, J.K.** 1993. Chromosome numbers and polyploidy in the flora of Cameroon Mountain. *Opera Botanica* 121: 159–172.
- Mulcahy, D.L.** 1984. The relationships between self-incompatibility, pseudo-self-compatibility, and self-compatibility. Pp. 229–235 in: Grant, W.F. (ed.), *Plant Biosystematics*. Academic Press, Orlando.
- Múlgura de Romero, M.E. & Price, J.H.** 1999. Lista de publicaciones del Dr. Ángel L. Cabrera. *Darwiniana* 37(3–4): VII–XVI.
- Muller, J.** 1970. Palynological evidence on early differentiation of angiosperms. *Biological Review* 45: 417–450.
- Muller, J.** 1981. Fossil pollen records of extant angiosperms. *Botanical Review* 47: 1–142.
- Müller, J.** 2006. Systematics of *Baccharis* (Compositae–Astereae) in Bolivia, including overview of the genus. *Systematic Botany Monographs* 76: 1–341.
- Mungarulire, J., Munabu, R.M., Murasaki, C., Eguchi, T., Fujimoto, Y., Kakinuma, K., Kobayashi, K., Uramoto, M. & Ikekawa, N.** 1993. A novel steroidal sapogenin, pogosterol from *Vernonia pogosperma*. *Chemical and Pharmaceutical Bulletin (Tokyo)* 41: 411–413.
- Munz, P.A.** 1974. *A Flora of Southern California*. University of California Press, Berkeley.
- Muradian, L.G.** 1991. Carpologic character of Calyceraceae family. Flora, rastitel'nost i rastitel'nye resursy Armenii. *Sbornik Nauchnykh Trudov* 13: 85–95. [In Russian]
- Murbeck, S.** 1920. *Beiträge zur Biologie der Wüstenpflanzen, 2. Die Synaptospermie*. Lunds Universitets Årsskrift 17(1). Gleerup, Lund.
- Murín, A. & Chaudhri, I.I.** 1970. P. 268 in: Löve, A., IOPB chromosome number reports: XXVI. *Taxon* 19: 264–269.
- Muschler, R.** 1911. Compositae africanae novae, 1. *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 46: 51–124.
- Nakanishi, K., Crouch, R., Miura, I., Domínguez, X., Zamudio, A. & Villareal, R.** 1974. Structure of a sesquiterpene, Cuauhtemone, and its derivative. Application of partially relaxed Fourier transform ¹³C Nuclear Magnetic Resonance. *Journal of the American Chemical Society* 96: 609–611.
- Namba, T., Ye, J.N., Komatsu, K., Cai, S.Q., Wang, T.Z. & Mikage, M.** 1990. Pharmacognostical studies on the folk medicine in Sichuan Prov. in China. III. On Tu-er-feng derived from *Ainsliaea* plants. *Journal of the Pharmaceutical Society of Japan* 110: 383–393.
- Napp-Zinn, K. & Eble, M.** 1978. Beiträge zur systematischen Anatomie der Anthemideae: Die Spaltöffnungsapparate. *Plant Systematics and Evolution* 130: 167–190.
- Napp-Zinn, K. & Eble, M.** 1980. Beiträge zur systematischen Anatomie der Asteraceae–Anthemideae: Die Trichome. *Plant Systematics and Evolution* 136: 169–207.
- Nash, D.L. & Williams, L.O.** 1976. Flora of Guatemala, 12. *Fieldiana, Botany* 24: 1–603.
- Nason, J.D., Heard, S.B. & Williams, F.R.** 2002. Host associated generic differentiation in the goldenrod elliptical-gall moth, *Gnorimoschemagallaesolidaginis* (Lepidoptera: Gelechiidae). *Evolution* 56: 1475–1488.
- Nesom, G.L.** 1983. Biology and taxonomy of American *Leibnitzia* (Asteraceae: Mutisieae). *Brittonia* 35: 126–139.
- Nesom, G.L.** 1990. An additional species of *Gnaphaliothamnus* (Asteraceae: Inuleae) and further evidence for the integrity of the genus. *Phytologia* 69: 1–3.
- Nesom, G.L.** 1990. *Mexerion* (Asteraceae: Inuleae), a new genus from Mexico. *Phytologia* 68: 247–254.
- Nesom, G.L.** 1990. Taxonomic status of *Gamochoaeta* (Asteraceae: Inuleae) and the species of the United States. *Phytologia* 68: 186–198.
- Nesom, G.L.** 1990. Taxonomic summary of *Omalotheca* (Asteraceae: Inuleae). *Phytologia* 68: 241–246.
- Nesom, G.L.** 1990. Taxonomy of *Gnaphaliothamnus* (Asteraceae: Inuleae). *Phytologia* 68: 366–381.
- Nesom, G.L.** 1990. Taxonomy of the genus *Laennecia* (Asteraceae: Astereae). *Phytologia* 68: 205–228.
- Nesom, G.L.** 1992. *Oritrophium orizabense* (Asteraceae: Astereae) a new species and the first report of the genus from North and Central America. *Phytologia* 73: 338–344.
- Nesom, G.L.** 1993. *Aztecaster* (Asteraceae: Astereae), a new ditypic genus of dioecious shrubs from Mexico with redefinitions of the subtribes Hinterhuberinae and Baccharidinae. *Phytologia* 75: 45–54.
- Nesom, G.L.** 1993. *Madagaster* (Asteraceae: Astereae), a new genus of subtribe Hinterhuberinae. *Phytologia* 75: 94–99.
- Nesom, G.L.** 1993. Taxonomy of *Doellingeria* (Asteraceae: Astereae). *Phytologia* 75: 452–462.
- Nesom, G.L.** 1994. Comments on *Gnaphaliothamnus* (Asteraceae: Inuleae). *Phytologia* 76: 185–191.
- Nesom, G.L.** 1994. Comments on *Microgynella*, *Sommerfeltia*, and *Asteropsis* (Asteraceae: Astereae). *Phytologia* 76: 101–105.
- Nesom, G.L.** 1994. Hybridization in the tribe Astereae (Asteraceae). *Phytologia* 77: 298–307.
- Nesom, G.L.** 1994. *Inulopsis* synopsis (Asteraceae: Astereae). *Phytologia* 76: 115–124.
- Nesom, G.L.** 1994. *Pappochroma* Rafin. is the correct generic name for *Erigeron pappochroma* Labill. *Phytologia* 76: 426.
- Nesom, G.L.** 1994. *Peripleura* (Asteraceae: Astereae): a new Australian genus segregated from *Vittadinia*. *Phytologia* 76: 125–135.
- Nesom, G.L.** 1994. Repartition of *Mairia* (Asteraceae: Astereae). *Phytologia* 76: 85–95.
- Nesom, G.L.** 1994. Review of the taxonomy of *Aster* sensu lato (Asteraceae: Astereae), emphasizing the New World species. *Phytologia* 77: 141–297.
- Nesom, G.L.** 1994. Subtribal classification of the Astereae (Asteraceae). *Phytologia* 76: 193–274.
- Nesom, G.L.** 1994. Taxonomic dispersal of Australian *Erigeron* (Asteraceae: Astereae). *Phytologia* 76: 143–159.
- Nesom, G.L.** 1994. Taxonomic overview of *Podocoma* (Asteraceae, Astereae) with the incorporation of two species from *Conyza*. *Phytologia* 76: 106–114.
- Nesom, G.L.** 1995. Revision of *Chaptalia* (Asteraceae: Mutisieae) from North America and continental Central America. *Phytologia* 78: 153–188.
- Nesom, G.L.** 1998. A second species of *Oritrophium* (Asteraceae: Astereae) from Mexico. *Sida* 18: 523–526.
- Nesom, G.L.** 1998. Full constitution of the Australian genus *Pappochroma* (Asteraceae: Astereae). *Phytologia* 85: 276–279.
- Nesom, G.L.** 2000. Generic conspectus of the tribe Astereae (Asteraceae) in North America, Central America, the Antilles, and Hawaii. *Sida, Botanical Miscellany* 20: 1–100.

- Nesom, G.L.** 2000. New subtribes for North American Astereae (Asteraceae). *Sida* 19: 263–268.
- Nesom, G.L.** 2001. New combinations in *Chionolaena* (Asteraceae: Gnaphalieae). *Sida, Contributions to Botany* 19: 849–852.
- Nesom, G.L.** 2001. Taxonomic notes on *Keysseria* and *Pytinicarpa* (Asteraceae: Astereae, Lageniferinae). *Sida* 19: 513–518.
- Nesom, G.L. & Noyes, R.D.** 2000. *Batopilasia* (Asteraceae: Astereae), a new genus from Chihuahua, Mexico. *Sida* 19: 79–84.
- Nesom, G.L. & Robinson, H.** 2007 [2006]. Astereae. Pp. 284–342 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Nesom, G.L., Suh, Y., Morgan, D.R., Sundberg, S.D. & Simpson, B.B.** 1991. *Chloracantha*, a new genus of American Astereae (Asteraceae). *Phytologia* 70: 371–381.
- Nevski, S.A.** 1937. Beiträge zur Flora des Kuhitang-tau und seiner Vorgebirge. *Trudy Botaniceskogo Instituta Akademii Nauk SSSR*, Ser. 1, 4: 199–346.
- Nicholson, G.** 1938. *Dictionnaire Pratique d'Horticulture et de Jardinage*, ed. 2. (Translated by S. Mottet), vol. 1. G. Doin & Cie, Paris.
- Nicolson, D.H.** 1997. Proposal to conserve the name *Petrobium* (Compositae: Heliantheae). *Taxon* 46: 807–808.
- Nielsen, L.R., Philipp, M., Adersen, H. & Siegismund, H.R.** 2000. Breeding system of *Scalesia divisa* Andersson, an endemic Asteraceae from the Galápagos Islands. *Det Norske Videnskaps-Akademi I. Matematisk-Naturvidenskapelige Klasse, Shrifter, Ny Serie* 39: 127–138.
- Nielsen, L.R., Siegismund, H.R. & Philipp, M.** 2003. Partial self-incompatibility in the polyploid endemic species *Scalesia affinis* (Asteraceae) from the Galápagos: remnants of a self-incompatibility system? *Botanical Journal of the Linnean Society* 142: 93–101.
- Nikulina, L.G. & Kotseruba, V.V.** 1999. A study of karyotypes of *Gymnarrhena micrantha* Desf. and *Karelinia caspica* Less. by using nucleotide-specific fluorochromes. *Tsitologiya* 41: 1073. [in Russian]
- Nishino, T. & Morita, T.** 1994. 6-Phosphogluconate dehydrogenase (6PGD) gene duplication in *Kalimeris* (Asteraceae). *Plant Species Biology* 9: 91–97.
- Njoroge, N.G., Bussman, W.R., Gemmil, B., Newton, L., Victoria, E. & Victoria, N.** 2004. Utilisation of weed species as sources of traditional medicine in central Kenya. *Lyonia* 71–87.
- Nordenstam, B.** 1968. The genus *Euryops*. Part I. Taxonomy. *Opera Botanica* 20: 1–409.
- Nordenstam, B.** 1976. Re-classification of *Chrysanthemum* L. in South Africa. *Botanisk Notiser* 129: 137–165.
- Nordenstam, B.** 1977. Senecioneae and Liabeae—systematic review. Pp. 799–830 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 2. Academic Press, London.
- Nordenstam, B.** 1978. Taxonomic studies in the tribe Senecioneae (Compositae). *Opera Botanica* 44: 1–83.
- Nordenstam, B.** 1985. *Acrisione* (Compositae–Senecioneae), a new cacalioid genus from Chile. *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 107: 581–589.
- Nordenstam, B.** 1987. Notes on South African Anthemideae (Compositae). *Opera Botanica* 92: 147–151.
- Nordenstam, B.** 1989. A synopsis of the genus *Syncarpha* DC. *Compositae Newsletter* 17: 2–6.
- Nordenstam, B.** 1989. Tribus Senecioneae (pars). Pp. 51–95, Tab. 33–63 in: Rechinger, K.H. (ed.), *Flora Iranica*, vol. 164: Akademische Druck- und Verlagsanstalt, Graz.
- Nordenstam, B.** 1994. New combinations in the Calenduleae. *Compositae Newsletter* 25: 46–49.
- Nordenstam, B.** 1994. Tribe Calenduleae. Pp. 365–376 in: Bremer, K., *Asteraceae: Cladistics & Classification*. Timber Press, Portland.
- Nordenstam, B.** 1996. *Anderbergia* B. Nord., a new genus of everlastings (Compositae–Gnaphalieae) from the Cape Province. *Annalen des Naturhistorischen Museums in Wien. Serie B, Botanik und Zoologie* 98: 403–418.
- Nordenstam, B.** 1996. Recent revision of Senecioneae and Calenduleae systematics. Pp. 591–596 in: Hind, D.J.N. & Beentje, H.J. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Nordenstam, B.** 1997. *Caucasalia*, a new genus of the Asteraceae, Senecioneae. *Plant Systematics and Evolution* 206: 19–32.
- Nordenstam, B.** 2002. *Capelio* B. Nord., a new name for a South African genus of the Senecioneae, and the description of a new species. *Compositae Newsletter* 38: 71–78.
- Nordenstam, B.** 2003. Further contributions to the genus *Syncarpha* (Compositae–Gnaphalieae). *Compositae Newsletter* 39: 52–57.
- Nordenstam, B.** 2003. *Io* B. Nord. (Compositae–Senecioneae), a new monotypic genus from Madagascar. *Compositae Newsletter* 40: 47–50.
- Nordenstam, B.** 2006. Additions to the genus *Jacobaea* Mill. (Compositae–Senecioneae). *Compositae Newsletter* 44: 12–13.
- Nordenstam, B.** 2006. *Bethencourtia*. P. 709 in: Greuter, W. & von Raab-Straube, E. (eds.), *Euro+Med Notulae*, 2. *Willdenowia* 36: 717–717.
- Nordenstam, B.** 2006. *Canariothamnus* B. Nord., a new genus of the Compositae–Senecioneae, endemic to the Canary Islands. *Compositae Newsletter* 44: 24–31.
- Nordenstam, B.** 2006. Generic revisions in the tribe Calenduleae (Compositae). *Compositae Newsletter* 44: 38–49.
- Nordenstam, B.** 2006. *Ignurbia*, a new genus of the Asteraceae–Senecioneae from Hispaniola. Pp. 463–468 in: Sipman, H., Raus, Th. & Kilian, N. (eds.), *Festschrift Werner Greuter*. Willdenowia, spec. vol. 31(1). Botanical Garden and Botanical Museum, Berlin.
- Nordenstam, B.** 2006. New combinations in *Nordenstamia* (Compositae–Senecioneae) from Argentina, Bolivia, Peru and Ecuador. *Compositae Newsletter* 44: 19–23.
- Nordenstam, B.** 2006. New genera and combinations in the Senecioneae of the Greater Antilles. *Compositae Newsletter* 44: 50–73.
- Nordenstam, B.** 2007 [2006]. Calenduleae. Pp. 241–245 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Nordenstam, B.** 2007 [2006]. Corymbieae. Pp. 207–208 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Nordenstam, B.** 2007 [2006]. Senecioneae. Pp. 208–241 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Nordenstam, B. & El-Ghazaly, G.** 1977. Floral micromorphology and pollen ultrastructure in some Centaureinae (Compositae) mainly from Egypt. *Publications from the Cairo University Herbarium* 7–8: 143–155.
- Nordenstam, B., Källersjö, M. & Eldenäs, P.** 2006. *Nephrotheca*, a new monotypic genus of the Compositae–Calenduleae

- from the southwestern Cape Province. *Compositae Newsletter* 44: 32–37.
- Nordenstam, B. & Lundin, R.** 2002. *Oldfeltia*, a new genus of the Compositae–Senecioneae from Cuba. *Compositae Newsletter* 38: 65–70.
- Nordenstam, B. & Pelsner, P.B.** 2005. *Dauresia* and *Mesogramma*: one new and one resurrected genus of the Asteraceae–Senecioneae from Southern Africa. *Compositae Newsletter* 42: 74–88.
- Norlindh, T.** 1943. *Studies in the Calenduleae. I. Monograph of the Genera Dimorphotheca, Castalis, Osteospermum, Gibbaria and Chrysanthemoides*. Gleerup, Lund.
- Norlindh, T.** 1946. Studies in the Calenduleae. II. Phyto-geography and interrelation. *Botaniska Notiser*, 1946: 471–506.
- Norlindh, T.** 1960. Additions to the monograph on *Osteospermum*. *Botaniska Notiser* 113: 385–399.
- Norlindh, T.** 1962. Studies in *Calendula maderensis* DC. with a discussion on the delimitation of *Calendula* L. from *Gibbaria* Cass. and *Osteospermum* L. *Botaniska Notiser* 115: 437–445.
- Norlindh, T.** 1963. Chromosome numbers in the Calenduleae I. With discussions on relationships, hybridisation, and phyto-geography. *Botaniska Notiser* 116: 193–209.
- Norlindh, T.** 1977. Arctoteae—systematic review. Pp. 943–959 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 2. Academic Press, London.
- Norlindh, T.** 1977. Calenduleae—systematic review. Pp. 961–987 in Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 2. Academic Press, London.
- Norlindh, T.** 1977. *Garuleum* subgen. *Rutidocarpea*, a monotypic subgenus with achene dimorphism. *Botaniska Notiser* 130: 377–380.
- Notten, A.** 2008. *Heterolepis aliena* (L. f) Druce. <http://www.plantzafrica.com/planthij/heterolepalien.htm>. [accessed: 10 Feb 2008]
- Noyes, R.D.** 2000. Biogeographical and evolutionary insights on *Erigeron* and allies (Asteraceae) from ITS sequence data. *Plant Systematics and Evolution* 220: 93–114.
- Noyes, R.D.** 2000. Diplospory and parthenogenesis in sexual × agamospermous (apomictic) *Erigeron* (Asteraceae) hybrids. *International Journal of Plant Sciences* 161: 1–12.
- Noyes, R.D.** 2006. Intraspecific nuclear ribosomal DNA divergence and reticulation in sexual diploid *Erigeron strigosus* (Asteraceae). *American Journal of Botany* 93: 470–479.
- Noyes, R.D.** 2007. Reticulation and the evolution of apomixis in *Erigeron* sect. *Phalacroloma* (Asteraceae). Pp. 337–358 in: Hörandl, E., Grossniklaus, U., Van Dijk, P. & Sharbel, T. (eds.), *Apomixis: Evolution, Mechanisms and Perspectives*. Regnum Vegetabile 147. Gantner, Ruggell.
- Noyes, R.D. & Allison, J.R.** 2005. Cytology, ovule development and pollen quality in sexual *Erigeron strigosus* (Asteraceae). *International Journal of Plant Sciences* 166: 49–59.
- Noyes, R.D. & Rieseberg, L.H.** 1999. ITS sequence data support a single origin for North American Astereae (Asteraceae) and reflect deep geographic divisions in *Aster* s.l. *American Journal of Botany* 86: 398–412.
- Noyes, R.D. & Rieseberg, L.H.** 2000. Independent loci control agamospermy (apomixis) in the flowering plant *Erigeron annuus*. *Genetics* 155: 379–390.
- Noyes, R.D., Soltis, D.E. & Soltis, P.S.** 1995. Genetic and cytological investigations in sexual *Erigeron compositus* (Asteraceae). *Systematic Botany* 20: 132–146.
- Nylander, J.A.A.** 2004. MrModeltest, version 2. Program distributed by the author. Evolutionary Biology Centre, Uppsala University, Uppsala.
- Oberprieler, C.** 1998. The systematics of *Anthemis* L. (Compositae, Anthemideae) in W and C North Africa. *Bocconea* 9: 5–328.
- Oberprieler, C.** 2001. Phylogenetic relationships in *Anthemis* L. (Compositae, Anthemideae) based on nrDNA ITS sequence variation. *Taxon* 50: 745–762.
- Oberprieler, C.** 2002. A phylogenetic analysis of *Chamaemelum* Mill. (Compositae: Anthemideae) and related genera based upon nrDNA ITS and cpDNA *trnL/trnF* IGS sequence variation. *Botanical Journal of the Linnean Society* 138: 255–273.
- Oberprieler, C.** 2004. On the taxonomic status and the phylogenetic relationships of some unispecific Mediterranean genera of Compositae–Anthemideae I. *Brocchia*, *Endopappus* and *Heliocauta*. *Willdenowia* 34: 39–57.
- Oberprieler, C.** 2004. On the taxonomic status and the phylogenetic relationships of some unispecific Mediterranean genera of Compositae–Anthemideae II. *Daveaua*, *Leucocyclus* and *Nananthea*. *Willdenowia* 34: 341–350.
- Oberprieler, C.** 2005. Temporal and spatial diversification of Circum-Mediterranean Compositae–Anthemideae. *Taxon* 54: 951–966.
- Oberprieler, C., Himmelreich, S. & Vogt, R.** 2007. A new subtribal classification of the tribe Anthemideae (Compositae). *Willdenowia* 37: 89–114.
- Oberprieler, C. & Vogt, R.** 1993. Chromosome numbers of north African phanerogams II. *Willdenowia* 23: 211–238.
- Oberprieler, C. & Vogt, R.** 1999. Notes on some species of *Anthemis* (Compositae, Anthemideae) in Cyprus. *Bocconea* 11: 89–104.
- Oberprieler, C. & Vogt, R.** 2000. The position of *Castrilanthemum* Vogt & Oberprieler and the phylogeny of mediterranean Anthemideae (Compositae) as inferred from nrDNA ITS and cpDNA *trnL/trnF* IGS sequence variation. *Plant Systematics and Evolution* 225: 145–170.
- Oberprieler, C. & Vogt, R.** 2006. The taxonomic position of *Matricaria macrotis* (Compositae, Anthemideae). *Willdenowia* 36: 329–338.
- Oberprieler, C., Vogt, R. & Watson, L.E.** 2007 [2006]. Anthemideae. Pp. 243–374 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Oboh, G.** 2005. Effect of blanching on the antioxidant properties of some tropical green leafy vegetables. *Food Science and Technology/Lebensmittel-Wissenschaft und Technologie* 38: 513–517.
- Oh, S.H., Sok, D.-E. & Kim, M.R.** 2005. Neuroprotective effects of butterbur and rough aster against kainic acid-induced oxidative stress in mice. *Journal of Medicinal Food* 8: 169–176.
- Ohigashi, H., Huffman, M.A., Izutsu, D., Koshimizu, K., Kawanaka, M., Sugiyama, H., Kirby, G.C., Warhurst, D.C., Allen, D., Wright, C.W., Phillipson, J.D., Timon-david, P., Delmas, F., Elias, R. & Balansard, G.** 1994. Toward the chemical ecology of medicinal plant use in chimpanzees—the case of *Vernonia amygdalina*, a plant used by wild chimpanzees possibly for parasite-related diseases. *Journal of Chemical Ecology* 20: 541–553.
- Ohigashi, H., Jisaka, M., Takagaki, T., Nozaki, H., Tada, T., Huffman, M.A., Nishida, T., Kaji, M. & Koshimizu, K.** 1991. Bitter principle and a related steroid glucoside from *Vernonia amygdalina*, a possible medicinal plant for wild chimpanzees. *Agricultural and Biological Chemistry* 55: 1201–1203.

- Okada, M., Whitkus, R. & Lowrey, T.K.** 1997. Genetics of adaptive radiation in Hawaiian and Cook Island species of *Tetramolopium* (Asteraceae: Astereae). I. Nuclear RFLP marker diversity. *American Journal of Botany* 84: 1236–1246.
- Oketch-Rabah, H.A., Christensen, S.B., Frydenvang, K., Dossaji, S.F., Theander, T.G., Cornett, C., Watkins, W.M., Kharazmi, A. & Lemmich, E.** 1998. Antiprotozoal properties of 16,17-dihydrobrachycalixolide from *Vernonia brachycalyx*. *Planta Medica* 64: 559–562.
- Oketch-Rabah, H.A., Dossaji, S.F. & Mberu, E.K.** 1999. Antimalarial activity of some Kenyan medicinal plants. *Pharmaceutical Biology* 37: 329–334.
- Oketch-Rabah, H.A., Lemmich, E., Dossaji, S.F., Theander, T.G., Olsen, C.E., Cornett, C., Kharazmi, A. & Christensen, S.B.** 1997. Two new antiprotozoal 5-methylcoumarins from *Vernonia brachycalyx*. *Journal of Natural Products* 60: 458–461.
- Oliva, M. & Vallès, J.** 1994. Karyological studies in some taxa of the genus *Artemisia* L. (Asteraceae). *Canadian Journal of Botany* 72: 1126–1135.
- Olmstead, R.G.** 2006. Multi-dimensional systematist: 21st century systematics in a time of rapid progress. *Systematic Botany* 31: 437–439.
- Olmstead, R.G., Bremer, B., Scott, K.M. & Palmer, J.D.** 1993. A parsimony analysis of the Asteridae sensu lato based on *rbcl* sequences. *Annals of the Missouri Botanical Garden* 80: 700–722.
- Olmstead, R.G., Kim, K.-J., Jansen, R.K. & Wagstaff, S.J.** 2000. The phylogeny of the Asteridae sensu lato based on chloroplast *ndhF* gene sequences. *Molecular Phylogenetics and Evolution* 16: 96–112.
- Olmstead, R.G., Michaels, H.J., Scott, K.M. & Palmer, J.D.** 1992. Monophyly of Asteridae and identification of their major lineages inferred from DNA sequences of *rbcl*. *Annals of the Missouri Botanical Garden* 79: 249–265.
- Olsen, J.** 1980. IOPB chromosome number reports LXVII. *Taxon* 29: 146–347.
- Olsen, K.M.** 1997. Pollination effectiveness and pollinator importance in a population of *Heterotheca subaxillaris* (Asteraceae). *Oecologia* 109: 114–121.
- Omolo, M.O., Okinyo, D., Ndiege, I.O., Lwande, W. & Hassanali, A.** 2004. Repellency of essential oils of some Kenyan plants against *Anopheles gambiae*. *Phytochemistry* 65: 2797–2802.
- Orchard, A.E.** 1981. The generic limits of *Ixodia* R. Br. ex Ait. (Compositae-Inuleae). *Brunonia* 4: 185–197.
- Orchard, A.E.** 1992. *Ammobium* and *Nablonium* (Asteraceae-Gnaphalieae)—an alternative view. *Telopaea* 5: 1–12.
- Orchard, A.E.** 2004. A reassessment of the genus *Haeckeria* (Asteraceae: Gnaphalieae), with definition of new species in *Cassinia*. *Australian Systematic Botany* 17: 447–467.
- Orchard, A.E.** 2004. A revision of *Cassinia* (Asteraceae: Gnaphalieae) in Australia. 1. Introduction and generic and infrageneric considerations. *Australian Systematic Botany* 17: 469–481.
- Orchard, A.E.** 2004. A revision of *Cassinia* (Asteraceae: Gnaphalieae) in Australia. 2. Sections *Complanatae* and *Venustae*. *Australian Systematic Botany* 17: 505–533.
- Orchard, A.E.** 2004. A revision of *Cassinia* (Asteraceae: Gnaphalieae) in Australia. 3. Section *Leptocephalae*. *Australian Systematic Botany* 17: 535–565.
- Orchard, A.E.** 2005. A revision of *Cassinia* (Asteraceae: Gnaphalieae) in Australia. 4. Section *Costatae*. *Australian Systematic Botany* 18: 455–471.
- Orchard, A.E.** 2005. *Paenula storyi*, a new genus and species related to *Ixodia* and *Haeckeria* (Asteraceae: Gnaphalieae). *Telopaea* 11: 1–9.
- Orchard, A.E.** 2006. A revision of *Cassinia* (Asteraceae: Gnaphalieae) in Australia. 5. Additional taxa in section *Leptocephalae*. *Australian Systematic Botany* 19: 183–191.
- Orme, A.R.** 2007. Chapter 1. The Tectonic Framework of South America. Pp. 3–22 in: Veblen, T.T., Young, K.R. & Orme, A.R. (eds.), *The Physical Geography of South America*. Oxford University Press, Oxford, UK.
- Ornduff, R.** 1966. A biosystematic study of the goldfield genus *Lasthenia* (Compositae: Helenieae). *University of California Publications in Botany* 40: 1–92.
- Ornduff, R., Raven, P.H., Kyhos, D.W. & Kruckeberg, A.R.** 1963. Chromosome numbers in Compositae. III. Senecioneae. *American Journal of Botany* 50: 131–139.
- Ortiz, S.** 2000. A phylogenetic analysis of *Dicoma* Cass. and related genera (Compositae: Cichorioideae: Mutisieae) based on morphological and anatomic characters. *Annals of the Missouri Botanical Garden* 87: 459–481.
- Ortiz, S.** 2001. The reinstatement of the genus *Macleodium* Cass. (Compositae, Mutisieae): morphological and phylogenetic arguments. *Taxon*: 50: 733–744.
- Ortiz, S.** 2005. Nomenclatural notes on the genus *Anisopappus* Hook. & Arn. (Asteraceae, Inuleae). *Nova Acta Cientifica Compostelana, Biología* 14: 89–92.
- Ortiz, S.** 2006. Systematics of *Cloiselia* (Compositae, Mutisieae s.l.), a reinstated Madagascan genus. *Systematic Botany* 31: 421–431.
- Ortiz, S.** 2009. Oldenburgieae, a new tribe of the African Mutisieae s.l. (Asteraceae). *Compositae Newsletter* 47: 1–3
- Ortiz, S. & Coutinho, A.P.** 2001. *Achyrothalamus* reduced to *Erythrocephalum* (Compositae, Mutisieae). *Taxon* 50: 389–403.
- Ortiz, S., Paiva, J.A.R. & Rodríguez-Oubiña, J.** 1996. An outline of the genus *Anisopappus* Hook. & Arn. (Compositae). *Anales del Jardín Botánico de Madrid* 54: 378–391.
- Ortiz, S. & Rodríguez-Oubiña, J.** 1998. A new species of *Erythrocephalum* Benth. (Compositae) from Tanzania. *Nordic Journal of Botany* 18: 191–193.
- Otto, S.P. & Whitton, J.** 2000. Polyploid incidence and evolution. *Annual Review of Genetics* 34: 401–437.
- Paik, J.-C., Yukawa, J., Uechi, N., Sato, S. & Ganaha, T.** 2004. Gall-inducing species of the family Cecidomyiidae (Diptera) recorded from the Korean Peninsula and surrounding islands, in comparison with the gall-midge fauna of Japan. *Esakia* 44: 57–66.
- Paiva, J. & Leitão, M.T.** 1989. Números cromosómicos para algumas taxa da África tropical. II. *Boletim da Sociedade Broteriana*, Sér. 2, 62: 117–130.
- Paiva, J.A.R.** 1972. New and little known species from the Flora Zambesiaca area 22: notes on Inuleae. *Boletim da Sociedade Broteriana*, Sér. 2, 46: 355–368.
- Pak, J.-H.** 1991. A taxonomical review of *Ixeris* s.l. (Compositae-Lactuceae)—karyological and fruit wall characteristics. *Korean Journal of Plant Taxonomy* 21: 11–20.
- Pak, J.-H. & Bremer, K.** 1995. Phylogeny and reclassification of the genus *Lapsana* (Asteraceae: Lactuceae). *Taxon* 44: 13–21.
- Pak, J.-H. & Kawano, S.** 1990. Biosystematic studies on the genus *Ixeris* (Compositae-Lactuceae) I. Fruit wall anatomy and its taxonomic implications. *Acta Phytotaxonomica et Geobotanica* 41: 43–60.
- Pak, J.-H. & Kawano, S.** 1990. Biosystematic studies on the genus *Ixeris* and its allied genera (Compositae-Lactuceae).

- III. Fruit wall anatomy and karyology of *Crepidiastrum* and *Paraixeris*, and their taxonomic implications. *Acta Phytotaxonomica et Geobotanica* 41: 109–128
- Pak, J.-H. & Kawano, S.** 1992. Biosystematic studies on the genus *Ixeris* and its allied genera (Compositae: Lactuceae): 4. Taxonomic treatments and nomenclature. *Memoirs of the Faculty of Science, Kyoto University, Series of Biology* 15: 29–61.
- Palazzesi, L., Barreda, V. & Tellería, M.C.** 2009. Fossil pollen grains of Asteraceae from the Miocene of Patagonia: Barnadesioideae affinity. *Review of Paleobotany and Palynology* 155: 83–88.
- Palmer, J.H.** 1996. Floret initiation and production in the oil-seed sunflower. Pp. 161–178 in: Caligari, P.D.S. & Hind, D.J.N. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 2, *Compositae: Biology and Utilization*. Royal Botanic Gardens, Kew.
- Palmer, J.D., Jansen, R.K., Michaels, H.J., Chase, M.W. & Manhart, J.R.** 1988. Chloroplast DNA variation and plant phylogeny. *Annals of the Missouri Botanical Garden* 75: 1180–1206.
- Palmer, E. & Pitman, N.** 1972. *Trees of Southern Africa*, 3 vols. Balkema, Cape Town.
- Pandey, A.K. & Singh, R.P. & Chopra, S.** 1978. Development and structure of seeds and fruits in Compositae-Cichorieae. *Phytomorphology* 28: 198–206.
- Panero, J.L.** 2005. New combinations and infrafamilial taxa in the Asteraceae. *Phytologia* 87: 1–14.
- Panero, J.L.** 2007 [2006]. Athroismeae. Pp. 395–400 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Panero, J.L.** 2007 [2006]. Bahieae. Pp. 433–439 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Panero, J.L.** 2007 [2006]. Chaenactideae. Pp. 431–433 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Panero, J.L.** 2007 [2006]. Coreopsidae. Pp. 406–417 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Panero, J.L.** 2007 [2006]. Helenieae. Pp. 400–405 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Panero, J.L.** 2007 [2006]. Heliantheae. Pp. 440–477 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Panero, J.L.** 2007 [2006]. Key to the tribes of the Heliantheae alliance. Pp. 391–395 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Panero, J.L.** 2007 [2006]. Millerieae. Pp. 477–492 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Panero, J.L.** 2007 [2006]. Neurolaeneae. Pp. 417–420 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Panero, J.L.** 2007 [2006]. Perityleae. Pp. 507–510 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Panero, J.L.** 2007 [2006]. Polymnieae. Pp. 439–440 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Panero, J.L.** 2007 [2006]. Tageteae. Pp. 420–431 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Panero, J.L.** 2007 [2006]. Coreopsidae. Pp. 406–417 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Panero, J.L.** 2007. *Calorezia*, a new genus of tribe Nassauvieae (Asteraceae, Mutisioideae). *Phytologia* 89: 198–201.
- Panero, J.L., Baldwin, B.G., Schilling, E.E. & Clevinger, J.A.** 2001. Molecular phylogenetic studies of members of tribes Helenieae, Heliantheae and Eupatorieae (Asteraceae). 2. Tribal/generic relationships. In: Osborn, J.M. (prog. dir.), *Botany 2001, Abstracts*, part 3, *Systematics*. Botanical Society of America, St. Louis, Missouri.
- Panero, J.L., Francisco-Ortega, J., Jansen, R.K. & Santos-Guerra, A.** 1999. Molecular evidence for multiple origins of woodiness and a New World biogeographic connection of the Macaronesian Island endemic *Pericallis* (Asteraceae: Senecioneae). *Proceedings of the National Academy of Sciences of the United States of America* 96: 13886–13891.
- Panero, J.L. & Funk, V.A.** 2002. Toward a phylogenetic subfamilial classification for the Compositae (Asteraceae). *Proceedings of the Biological Society of Washington* 115: 909–922.
- Panero, J.L. & Funk, V.A.** 2007. New Infrafamilial taxa in Asteraceae. *Phytologia* 89: 356–360.
- Panero, J.L. & Funk, V.A.** 2008. The value of sampling anomalous taxa in phylogenetic studies: major clades of the Asteraceae revealed. *Molecular Phylogenetics and Evolution* 47: 757–782.
- Panero, J.L. & Jansen, R.K.** 1997. Chloroplast DNA restriction site study of *Verbesina* (Asteraceae: Heliantheae). *American Journal of Botany* 84: 382–392.
- Panero, J.L., Jansen, R.K. & Clevinger, J.A.** 1999. Phylogenetic relationships of subtribe Ecliptinae (Asteraceae: Heliantheae) based on chloroplast DNA restriction site data. *American Journal of Botany* 86: 413–427.
- Papadopoulou, K., Melton, R.E., Leggett, M., Daniels, M.J. & Osbourn, A.E.** 1999. Compromised disease resistance in saponin-deficient plants. *Proceedings of the National Academy of Sciences of the United States of America* 96: 12939–12928.
- Pappe, L.** 1868. *Flora Capensis Medicae Prodromus*, ed. 3. W. Brittain, Cape Town.
- Paraschos, S., Magiatis, P., Kalpoutzakis, E., Harvala, C. & Skaltsounis, A.-L.** 2001. Three new dihydroisocoumarins from the Greek endemic species *Scorzonera cretica*. *Journal of Natural Products* 64: 1585–1587.
- Pari, K., Rao, P.J., Subrahmanyam, B., Rasthogi, J.N. & Devakumar, C.** 1998. Benzofurans and other constituents of the essential oil of *Ageratum conyzoides*. *Phytochemistry* 49: 1385–1388.
- Park, S.D., Kim, J.C. & Khan, Z.** 2004. Host status of medicinal plants for *Meloidogyne hapla*. *Nematopica* 34: 39–43.
- Park, S.J., Korompai, E.J., Francisco-Ortega, J., Santos-Guerra, A. & Jansen, R.K.** 2001. Phylogenetic relationships of *Tolpis* (Asteraceae: Lactuceae) based on *ndhF* sequence data. *Plant Systematics and Evolution* 226: 23–33.

- Parker, E.S. & Jones, S.B.** 1975. A systematic study of the genus *Balduina* (Compositae, Heliantheae). *Brittonia* 27: 355–361.
- Parker, M.A.** 1984. Local food depletion and the foraging behavior of a specialist grasshopper, *Hesperotettix viridis*. *Ecology* 65: 824–835.
- Parker, M.A.** 1985. Size-dependent herbivore attack and the demography of an arid grassland shrub. *Ecology* 66: 850–860.
- Parker, M.A. & Salzman, A.G.** 1985. Herbivore exclusion and competitor removal: effects on juvenile survivorship and growth in the shrub *Gutierrezia microcephala*. *Journal of Ecology* 73: 903–913.
- Parra, O. & Marticorena, C.** 1972. Granos de polen de plantas chilenas, II. Compositae–Mutisieae. *Gayana, Botanica* 21: 3–107.
- Parsons, W.T. & Cuthbertson, E.G.** 2001. *Noxious Weeds of Australia*. CSIRO Publishing, Canberra.
- Partridge, T.C.**, 1997. Evolution of landscapes. Pp. 5–20 in: Cowling, R.M., Richardson, D.M. & Pierce, S.M. (eds.), *Vegetation of Southern Africa*. Cambridge University Press, Cambridge.
- Passreiter, C.M.** 1992. Co-occurrence of 2-pyrrolidineacetic acid with the pyrrolizidines tussilaginic acid and isotussilaginic acid and their 1-epimers in *Arnica* species and *Tussilago farfara*. *Phytochemistry* 31: 4135–4137.
- Passreiter, C.M.** 1998. Pyrrolizidine alkaloids from *Neurolaena lobata*. *Biochemical Systematics and Ecology* 26: 839–843.
- Pasteels, J.M., Termonia, A., Windsor, D.M., Witte, L., Theuring, C. & Hartmann, T.** 2001. Pyrrolizidine alkaloids and pentacyclic triterpene saponins in the defensive secretions of *Platyphora* leaf beetles. *Chemoecology* 11: 113–120.
- Patel, V.C.** 1976. *Pollen Morphology of Valerianaceae, Goodeniaceae, Brunoniaceae, Stylidiaceae and Calyceraceae*. M.S. thesis, University of Oklahoma, Norman.
- Paz Deble, L., Silveira, A. de Oliveira & Cardoso, J.N. Marchiori.** 2005. O gênero *Heterothalamus* Lessing e táxones afins. *Balduinia* 1: 1–20.
- Peacock, W.J.** 1963. Chromosome numbers and cytoevolution in the Goodeniaceae. *Proceedings of the Linnean Society of New South Wales* 88: 8–27.
- Pehlivan, S.** 1995. Pollen morphology of some Turkish endemic *Centaurea*. *Grana* 34: 29–38.
- Pellicer, J., Garcia, S., Garnatje, T., Hidalgo, O., Korobkov, A.A., Dariimaa, S. & Vallès, J.** 2007. Chromosome counts in Asian *Artemisia* L. (Asteraceae) species: from diploid to the first report of the highest polyploidy in the genus. *Botanical Journal of the Linnean Society* 153: 301–310.
- Pelser, P.B., De Vos, H., Theuring, H.C., Beuerle, T., Vrieling, K. & Hartmann, T.** 2005. Frequent gain and loss of pyrrolizidine alkaloids in the evolution of *Senecio* sect. *Jacobaea* (Asteraceae). *Phytochemistry* 66: 1285–1295.
- Pelser, P.B., Gravendeel, B. & Van der Meijden, R.** 2002. Tackling speciose genera: species composition and phylogenetic position of *Senecio* sect. *Jacobaea* (Asteraceae) based on plastid and nrDNA sequences. *American Journal of Botany* 89: 929–939.
- Pelser, P.B., Nordenstam, B., Kadereit, J.W. & Watson, L.E.** 2006. An ITS phylogeny for tribe Senecioneae (Asteraceae) and a new delimitation of *Senecio*. P. 247 in: *Botany 2006*. Botanical Society of America, St. Louis. [Abstract]
- Pelser, P.B., Nordenstam, B., Kadereit, J.W. & Watson, L.E.** 2007. An ITS phylogeny of tribe Senecioneae (Asteraceae) and a new delimitation of *Senecio* L. *Taxon* 56: 1077–1104.
- Pelser, P.B., Van den Hof, K., Gravendeel, B. & Van der Meijden, R.** 2004. The systematic value of morphological characters in *Senecio* sect. *Jacobaea* (Asteraceae). *Systematic Botany* 29: 790–805.
- Pelser, P.B., Veldkamp, J.-F. & Van der Meijden, R.** 2006. New combinations in *Jacobaea* Mill. (Asteraceae–Senecioneae). *Compositae Newsletter* 44: 1–11.
- Peng, C.I. & Hsu, C.C.** 1977. IOPB chromosome number reports LVIII. *Taxon* 26: 557–565.
- Peng, C.I. & Hsu, C.C.** 1978. Chromosome numbers in Taiwan Compositae. *Botanical Bulletin of Academia Sinica* 19: 53–66.
- Peng, Y.L., Sun, H. & Gu, Z.J.** 2002. Cytological study on *Nowelia* and *Leucomeris*. *Acta Botanica Yunnanica* 24: 82–86.
- Pennell, F.W.** 1951. The genus *Calceolaria* in Ecuador, Colombia, and Venezuela. *Proceedings of the Academy of Natural Sciences of Philadelphia* 103: 85–196.
- Pennisi, E.** 2008. Building the tree of life, genome by genome. *Science* 320: 1716–1717.
- Percival, M.S.** 1961. Types of nectars in angiosperms. *New Phytologist* 60: 235–281.
- Perdue, R.E., Tsichritzis, F. & Jakupovic, J.** 1993. Prevernocistifolides from *Vernonia galamensis*. *Phytochemistry* 34: 1075–1077.
- Pérez Camacho, J. & Ventosa Rodríguez, I.** 2002. Biogeographic area relationships of Cuba with the rest of the Neotropical region based on distribution of genus *Gochmatia* Kunth. *Compositae Newsletter* 38: 54–64.
- Perry, E.L.** 1945. Growing rubber in California. *Report (Annual Board of the Regents, Smithsonian Institution 1945: 351–362, pl. 1–4. [Text reprinted from Journal of Forestry 42(5), May 1944.]*
- Perveen, A.** 1999. Contributions to the pollen morphology of the family Compositae. *Turkish Journal of Biology* 23: 523–535.
- Pesacreta, T.C. & Stuessy, T.F.** 1996. Autofluorescent walls of connective bases in anthers of Barnadesioideae (Asteraceae), and systematic implications. *Taxon* 45: 473–485.
- Pessoni, R.A.B., Figueiredo-Ribeiro, R.C.L. & Braga, M.R.** 1999. Extracellular inulinases from *Penicillium janczewskii*, a fungus isolated from the rhizosphere of *Vernonia herbaea* (Asteraceae). *Journal of Applied Microbiology* 87: 141–147.
- Pessoni, R.A.B., Freshour, G., Figueiredo-Ribeiro, R.D.L., Hahn, M.G. & Braga, M.R.** 2005. Cell-wall structure and composition of *Penicillium janczewskii* as affected by inulin. *Mycologia* 97: 304–311.
- Peter, G.** 2004. The genus *Isostigma* (Asteraceae, Heliantheae) in Paraguay, with a key to the species of the genus. *Willdenowia* 34: 529–537.
- Peter, G.** 2006. *Isostigma sparsifolium* (Asteraceae, Heliantheae, Coreopsidinae), a new species from Goiás, Brazil. *Novon* 16: 378–380.
- Peter, G. & Katinas, L.** 2003. A new type of Kranz anatomy in Asteraceae. *Australian Journal of Botany* 51: 217–226.
- Petit, D.P.** 1988. Le genre *Echinops* L. (Compositae, Cardueae). 1. Position phylétique et interprétation de l'incapitulescence. *Candollea* 43: 467–481.
- Petit, D.P.** 1997. Generic interrelationships of the Cardueae (Compositae): a cladistic analysis of morphological data. *Plant Systematics and Evolution* 207: 173–203.
- Petit, D.P., Mathez, J. & Qaid, A.** 1996. Early differentiation of the Cardueae sensu lato: morphology and pollen. Pp. 79–93 in: Hind, D.J.N. & Beentje, H.J. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Petrovic, S.D., Gorunovic, M.S., Wray, V. & Merfort, I.** 1999. A taraxasterol derivative and phenolic compounds from *Hieracium gymnocephalum*. *Phytochemistry* 50: 293–6.

- Philipp, M., Hansen, L.B., Adersen, H. & Siegismund, H.R.** 2004. Reproductive ecology of the endemic *Lecocarpus pinatifidus* (Asteraceae) in an isolated population in the Galápagos Islands. *Botanical Journal of the Linnean Society* 146: 171–180.
- Pickersgill, B.** 2007. Domestication of plants in the Americas: insights from Mendelian and molecular genetics. *Annals of Botany* 100: 925–940.
- Pienaar, K.** 2003. *Gardening with Indigenous Plants: Easy to Grow Southern African Plants*. Struik, Cape Town.
- Pippen, R.W.** 1968. Mexican 'cacalioid' genera allied to *Senecio* (Compositae). *Contributions from the United States National Herbarium* 34: 365–447.
- Pires, J.C., Zhao, J., Schranz, M.E., Leon, E.J., Quijada, P.A., Lukens, L.N. & Osborn, T.C.** 2004. Flowering time divergence and genomic rearrangements in resynthesized *Brassica* polyploids (Brassicaceae). *Biological Journal of the Linnean Society* 82: 675–688.
- Pittoni, H.** 1973. Behaarung und Chromosomenzahlen sternhaariger *Leontodon*-Sippen. *Phyton (Horn)* 16: 165–188.
- Plasman, V., Plehiers, M., Braekman, J.C., Daloze, D., De Biseau, J.C. & Pasteels, J.M.** 2001. Chemical defenses in *Playphora kollari* Baly and *Leptinotarsa behrensi* Harold (Coleoptera: Chrysomelidae). Hypothesis on the origin and evolution of leaf beetle toxins. *Chemoecology* 11:107–112.
- Plovanich, A.E. & Panero, J.L.** 2004. A phylogeny of the ITS and ETS for *Montanoa* (Asteraceae: Heliantheae). *Molecular Phylogenetics and Evolution* 31: 815–821.
- Plukenet, L.** 1696. *Almagestum Botanicum*. Published by the author, London.
- Poevlerlein, H.** 1905. Gedenkrede auf Carl Heinrich Schultz. Pp. 1–21 in: *Festschrift zur Feier des 80. Geburtstages Seiner Exzellenz des Wirkl. Geheimrates Herrn Dr. Georg v. Neumayer, Ehrenpräsident der Pollichia*. Bad Dürkheim.
- Poiret, J.L.M.** 1817. *Fulcaldea* [under *Turpinia*]. Pp. 575 in: Lamarck, M. & Poiret, J.L.M. (eds.), *Encyclopédie Méthodique, Botanique*, suppl., vol. 5. Paris.
- Polevova, S.V.** 2006. Review of the sporoderm ultrastructure of members of the Asterales. *Paleontological Journal* 40: S656–S663.
- Polhamus, L.G.** 1962. *Rubber. Botany, Production, and Utilization*. Leonard Hill, London.
- Poljakov, P.P.** 1967. *Sistematika i proiskhozhdenie slozhnotsvetnykh* [Systematics and origin of the Compositae]. Nauka, Alma-Ata.
- Pollora, G.C., Bardon, A., Catalán, C.A.N., Gedris, T.E. & Herz, W.** 2003. Elephantopus-type sesquiterpene lactones from a *Vernonanthura* species, *Vernonanthura nebularium*. *Biochemical Systematics and Ecology* 31: 397–405.
- Pollora, G.C., Bardon, A., Catalán, C.A.N., Griffin, C.L. & Herz, W.** 2004. Elephantopus-type sesquiterpene lactones from a second *Vernonanthura* species, *Vernonanthura lipoensis*. *Biochemical Systematics and Ecology* 32: 619–625.
- Pooley, E.** 1998. *A Field Guide to Wild Flowers of KwaZulu-Natal and the Eastern Region*. Natal Flora Publications Trust, Durban, South Africa.
- Pope, G.** 1992. Vernonieae in Family 97: Compositae. Pp. 56–189 in: Pope, G.V. (ed.) *Flora Zambesiaca*, vol. 6. Flora Zambesiaca Managing Committee, London.
- Pornpongrueng, P., Borchsenius, F., Gustafsson, M.H.G., Englund, M. & Anderberg, A.A.** 2007. Phylogenetic relationships in *Blumea* (Asteraceae: Inuleae) as evidenced by molecular and morphological data. *Plant Systematics and Evolution* 269: 223–243.
- Portillo, A., Vila, R., Freixa, B., Adzet, V. & Canigual, S.** 2001. Antifungal activity of Paraguayan plants used in traditional medicine. *Journal of Ethnopharmacology* 76: 93–98.
- Portillo, A., Vila, R., Freixa, B., Ferro, E., Parella, T., Casanova, J. & Canigual, S.** 2005. Antifungal sesquiterpene from the root of *Vernonanthura tweedieana*. *Journal of Ethnopharmacology* 97: 49–52.
- Powell, A.M.** 1968. Additional discussions pertaining to the congeneric status of *Perityle* and *Laphamia* (Compositae). *Sida* 3: 270–278.
- Powell, A.M.** 1968. Chromosome numbers in *Perityle* and related genera (Peritylanae–Compositae). *American Journal of Botany* 55: 820–828.
- Powell, A.M.** 1973. *Correllia* (Compositae: Peritylinae): a new monotypic genus from southern Chihuahua, Mexico. *Brittonia* 25: 116–118.
- Powell, A.M.** 1974. Taxonomy of *Perityle* section *Perityle* (Compositae–Peritylinae). *Rhodora* 76: 229–306.
- Powell, M., Kyhos, D.W. & Raven, P.H.** 1974. Chromosome numbers in the Compositae X. *American Journal of Botany* 61: 909–913.
- Powles, S.B., Tucker, E.S. & Morgan, T.R.** 1989. A cape-weed (*Arctotheca calendula*) biotype in Australia resistant to bipyridyl herbicides. *Weed Science* 37: 60–62.
- Prado, P.I. & Lewinsohn, T.M.** 2004. Compartments in insect-plant associations and their consequences for community structure. *Journal of Animal Ecology* 73: 1168–1178.
- Prado, P.I., Lewinsohn, T.M., Almeida, A.M., Norrbom, A.L., Buys, B.D., Macedo, A.C. & Lopes, M.B.** 2002. The fauna of Tephritidae (Diptera) from capitula of Asteraceae in Brazil. *Proceedings of the Entomological Society of Washington* 104: 1007–1028.
- Prado, P.I., Norrbom, A.L. & Lewinsohn, T.M.** 2004. New species of *Tomoplagia* Coquillett (Diptera: Tephritidae) from capitula of Asteraceae in Brazil. *Neotropical Entomology* 33: 189–211.
- Praglowski, J. & Grafström, E.** 1980. The pollen morphology of the tribe Calenduleae with reference to taxonomy. *Botaniska Notiser* 133: 177–188.
- Preece, S.J., Jr. & Turner, B.L.** 1953. A taxonomic study of the genus *Chamaechaenactis* Rydberg (Compositae). *Madroño* 12: 97–103.
- Proctor, M., Yeo, P. & Lack, A.** 1996. *The Natural History of Pollination*. Timber Press, Portland.
- Proksch, P.** 1985. Vorkommen und biologische Bedeutung von Benzopyranen (Chromenen) und Benzofuranen in den Asteraceae. *Plant Systematics and Evolution* 150: 89–100.
- Proksch, P. & Rodríguez, E.** 1983. Chromenes and benzofurans of the Asteraceae, their chemistry and biological significance. *Phytochemistry* 22: 2335–2348.
- Prosser, I., Altug, I.G., Phillips, A.L., König, W.A., Bouwemeester, H.J. & Beale, M.H.** 2004. Enantiospecific (+)- and (-)-germacrene D synthases, cloned from goldenrod, reveal a functionally active variant of the universal isoprenoid-biosynthesis aspartate-rich motif. *Archives of Biochemistry and Biophysics* 432: 136–144.
- Prosser, I., Phillips, A.L., Gittings, S., Lewis, M.J., Hooper, A.M., Pickett, J.A. & Beale, M.H.** 2002. (+)-(10R)-Germacrene A synthase from goldenrod, *Solidago canadensis*; cDNA, isolation, bacterial expression and functional analysis. *Phytochemistry* 60: 691–702.
- Pruski, J.F.** 1991. Compositae of the Guayana Highland. V. The Mutisieae of the Lost World of Brazil, Colombia, and Guyana. *Boletim do Museu Paraense de História Natural e Ethnographia* 7: 335–392.

- Pruski, J.F.** 1992. Compositae of the Guayana Highlands. VI. *Huberopappus maiguanlidiae* (Vernonieae), a new genus and species from Venezuela. *Novon* 2: 19–25.
- Pruski, J.F.** 1996. Compositae of the Guayana Highland. X. Reduction of *Pollalesta* to *Piptocoma* (Vernonieae: Piptocarphinae) and consequent nomenclatural adjustments. *Novon* 6: 96–102.
- Pruski, J.F. & Sancho, G.** 2004. Asteraceae or Compositae. Pp. 33–39 in: Smith, N., Mori, S.A., Hendersib, A., Stevenson D.W. & Heald, S.V. (eds.). *Flowering Plants of the Neotropics*. New York Botanical Garden, New York.
- Pu, J.X., Zhao, J.F., Yang, X.D., Mei, S.X., Zhang, H.B., Li, L.** 2004. A new sesquiterpene lactone from *Ainsliaea bonatii*. *Chinese Chemical Letters* 15: 1454–1456.
- Pullaiyah, T.** 1978. Studies in the embryology of Compositae. III. The tribe Astereae. *Journal of Plant Research* 91: 197–205.
- Punt, W., Blackmore, S., Nilsson, S. & Le Thomas, A.** 1994. *Glossary of Pollen and Spore Terminology*. LPP Contributions Series. LPP Foundation, Utrecht.
- Purseglove, J.W.** 1968. *Tropical Crops: Dicotyledons*. Longman, London.
- Purugganan, M.D., Remington, D.L. & Robichaux, R.H.** 2003. Molecular evolution of regulatory genes in the silver-sword alliance. Pp. 171–182 in: Carlquist, S., Baldwin, B.G. & Carr, G.D. (eds.), *Tarweeds and Silverswords: Evolution of the Madiinae (Asteraceae)*. Missouri Botanical Garden Press, St. Louis.
- Puttock, C.F.** 1994. Anatomy and morphology of *Cremnothamnus* (Asteraceae), a new genus for *Helichrysum thomsonii*. *Australian Systematic Botany* 7: 569–583.
- Puttock, C.F.** 1994. Re-analysis of Anderberg's Gnaphalieae data matrix. *Compositae Newsletter* 25: 1–14.
- Pyatt, F.B., Gilmore, G., Grattan, J.P., Hunt, C.O. & McLaren, S.** 2000. An imperial legacy? An exploration of the environmental impact of ancient metal mining and smelting in southern Jordan. *Journal of Archaeological Science* 27: 771–778.
- Qaid, A.** 1990. *Contribution palynologique à l'étude de la taxinomie du groupe des "Cynarées" (famille des Composées)*. Thesis, University of Montpellier II, Sciences et Technique du Languedoc, Montpellier.
- Qaiser, M. & Lack, H.W.** 1985. The genus *Phagnalon* (Asteraceae, Inuleae) in Arabia. *Willdenowia* 15: 3–22.
- Qaiser, M. & Lack, H.W.** 1986. *Aliella*, a new genus of Asteraceae (Inuleae) from Morocco. *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 106: 487–498.
- Qaiser, M. & Lack, H.W.** 1986. The genus *Phagnalon* (Asteraceae, Inuleae) in Tropical Africa. *Willdenowia* 15: 437–450.
- Rabakonandrianina, E. & Carr, G.D.** 1987. Chromosome numbers of Madagascar plants. *Annals of the Missouri Botanical Garden* 74: 123–125.
- Rajakaruna, N., Baldwin, B.G., Chan, R., Desrochers, A., Bohm, B.A. & Whitton, J.** 2003. Edaphic races and phylogenetic taxa in the *Lasthenia californica* complex (Asteraceae: Heliantheae): an hypothesis of parallel evolution. *Molecular Ecology* 12: 1675–1679.
- Rajakaruna, N., Siddiqi, M.Y., Whitton, J., Bohm, B.A. & Glass, A.D.M.** 2003. Differential responses to Na⁺/K⁺ and Ca²⁺/Mg²⁺ in two edaphic races of the *Lasthenia californica* (Asteraceae) complex: a case for parallel evolution of physiological traits. *New Phytologist* 157: 93–103.
- Ramaut, J.L., Hofinger, M., Dimbi, R., Covisier, M. & Lewalle, J.** 1985. Main constituents of the essential oil of *Warionia saharae* Benth. and Coss. *Chromatographia* 20: 193–194.
- Ramayya, N.** 1962. Studies in the trichomes of some Compositae. I. General structure. *Bulletin of the Botanical Survey of India* 4: 177–188.
- Ramírez, N.** 2004. Ecology of pollination in a tropical Venezuelan savannah. *Plant Ecology* 173: 171–189.
- Rao, R.R., Chowdhery, H.J., Hajra, P.K., Kumar, S., Pant, P.C., Naithani, B.D., Uniyal, B.P., Mathur, R. & Mangain, S.K.** 1988. *Flora Indicae Enumeratio—Asteraceae*. Botanical Survey of India, Ser. 4. Government of India, New Delhi.
- Rapson, L.J.** 1953. Vegetative anatomy in *Donatia*, *Phyllachne*, *Forstera* and *Oreostylidium* and its taxonomic significances. *Transactions of the Royal Society of New Zealand* 80: 399–402.
- Rauh, W.** 1937. Die Bildung von Hypokotyl- und Wurzelsprossen und ihre Bedeutung für die Wuchsformen der Pflanzen. *Nova Acta Leopoldina*, ser. 2, 4(24): 395–553.
- Rauscher, J.T.** 2002. Molecular phylogenetics of the *Espeletia* complex (Asteraceae): evidence from nrDNA ITS sequences on the closest relatives of an Andean adaptive radiation. *American Journal of Botany* 89: 1074–1084.
- Rauschert, H.** 1982. Nomina nova generica et combinationis novae Spermatophytorum et Pteridophytorum. *Taxon* 31: 554–563.
- Raven, P., Solbrig, O., Kyhos, D. & Snow, R.** 1960. Chromosome numbers in Compositae. I. Astereae. *American Journal of Botany* 47: 124–132.
- Raven, P.H.** 1963. Amphitropical relationships in the floras of North and South America. *Quarterly Review of Biology* 38: 151–177.
- Raven, P.H. & Axelrod, D.I.** 1974. Angiosperm biogeography and past continental movements. *Annals of the Missouri Botanical Garden* 61: 539–673.
- Ravetta, D.A., Anouti, A. & McLaughlin, S.P.** 1996. Resin production of *Grindelia* accessions under cultivation. *Industrial Products and Crops* 5: 197–201.
- Ray, D.T.** 1993. Guayule: a source of natural rubber. Pp. 338–343 in: Janick, J. & Simon, J.E. (eds.), *New Crops*. Wiley, New York.
- Ray, J.** 1682. *Methodus Plantarum Nova: Brevitatis & Perspicuitatis Causa Synoptice in Tabulis Exhibita; cum Notis Generum tum Fumorum tum Subalternorum Characteristicis, Observationibus Nonnullis de Feminibus Plantarum & Indice Copioso*. Faithorne & Kersey, London.
- Raymond, R.F.** 2002. *Common Names of some KwaZulu Natal Plants*. Published privately by the author.
- Razaq, Z.A., Khatoon, S. & Ali, S.I.** 1988. A contribution to the chromosome numbers of Compositae from Pakistan. *Pakistan Journal of Botany* 20: 177–189.
- Reese, G.** 1957. Über die Polyploidiespektren in der nordsaharischen Wüstenpflanzen. *Flora* 144: 598–634.
- Reese, H.** 1989. Die Entwicklung von Perikarp and Testa bei Calenduleae und Arctotideae (Asteraceae) – ein Beitrag zur Systematik. *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 110: 325–419.
- Reiche, C.** 1905. Mutisieae. Pp. 288–460 in: *Flora de Chile*, vol. 4. Imprenta Cervantes, Santiago de Chile.
- Reinartz, J.A. & Les, D.H.** 1994. Bottleneck-induced dissolution of self-incompatibility and breeding system consequences in *Aster furcatus* (Asteraceae). *American Journal of Botany* 81: 446–455.
- Reitbrecht, F.** 1974. *Fruchtanatomie und Systematik der Anthemideae (Asteraceae)*. Ph.D. Thesis, University of Vienna, Vienna.

- Remling, F.X.** 1847. *Das Hospital zu Deidesheim*. Wäppler, Speyer.
- Reveal, J.L.** 1997. Early suprageneric names in Asteraceae. *Compositae Newsletter* 30: 29–45.
- Ricardi, M. & Weldt, E.** 1974. Revisión del género *Polyachyrus* (Compositae). *Gayana, Botánica* 26: 3–34.
- Richardson, P.M. & Young, D.A.** 1982. The phylogenetic content of flavonoid point scores. *Biochemical Systematics and Ecology* 10: 251–255.
- Rick, C.M.** 1966. Some plant–animal relations on the Galapagos Islands. Pp. 215–224 in: Bowman, R.E. (ed.), *The Galapagos*. University of California Press, Berkeley.
- Rieppel, O.** 2006. The taxonomic hierarchy. *The Systematist* 26: 5–9.
- Rieppel, O.** 2007. Species: kinds of individuals or individuals of a kind. *Cladistics* 23: 373–384.
- Rieseberg, L.H.** 2006. Hybrid speciation in wild sunflowers. *Annals of the Missouri Botanical Garden* 93: 34–48.
- Rieseberg, L.H., Beckstrom-Sternberg, S.M., Liston, A. & Arias, D.M.** 1991. Phylogenetic and systematic inferences from chloroplast DNA and isozyme variation in *Helianthus* sect. *Helianthus*. *Systematic Botany* 16: 50–76.
- Rieseberg, L.H. & Michelmore, R.** 2003. Compositae Genome Project. <http://compgenomics.ucdavis.edu/>.
- Rieseberg, L.H., Soltis, D.E. & Palmer, J.D.** 1988. A molecular reexamination of introgression between *Helianthus annuus* and *H. bolanderi* (Compositae). *Evolution* 42: 227–238.
- Rieseberg, L.H., Wood, T.E. & Baack, E.** 2006. The nature of plant species. *Nature* 440: 524–527.
- Riley, K.W. & Belayneh, H.** 1989. Niger. Pp. 394–403 in: Röbbelen, G., Downey, R.K. & Ashri, A. (eds.), *Oil Crops of the World*. McGraw-Hill, New York.
- Ritland, K. & Ganders, F.R.** 1985. Variation in the mating system of *Bidens menziesii* (Asteraceae) in relation to population structure. *Heredity* 55: 235–244.
- Roberfroid, M.B., Van Loo, J.A.E. & Gibson, G.R.** 1998. The bifidogenic nature of chicory inulin and its hydrolysis products. *Journal of Nutrition* 128: 11–19.
- Roberts, M.** 1990. *Indigenous Healing Plants*. Southern Books Publishers, Cape Town.
- Roberts, R.P. & Urbatsch, L.E.** 2003. Molecular phylogeny of *Ericameria* (Asteraceae, Astereae) based on nuclear ribosomal 3'ETS and ITS sequence data. *Taxon* 52: 209–228.
- Roberts, R.P. & Urbatsch, L.E.** 2004. Molecular phylogeny of *Chrysothamnus* and related genera (Asteraceae, Astereae) based on nuclear ribosomal 3'ETS and ITS sequence data. *Systematic Botany* 29: 199–215.
- Robins, D.J.** 1977. Senecioneae—chemical review. Pp. 831–850 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 2. Academic Press, London.
- Robinson, B.H., Lombi, E., Zhao, F.J. & McGrath, S.P.** 2003. Uptake and distribution of nickel and other metals in the hyperaccumulator *Berkheya coddii*. *New Phytologist* 158: 279–285.
- Robinson, B.L. & Fernald, M.L.** 1908. *Gray's New Manual of the Botany*, 7th ed. American Book Company, New York, Cincinnati, Chicago.
- Robinson, B.L.** 1913. A key to the genera of the Compositae – Eupatorieae. *Proceedings of the American Academy of Arts and Sciences* 49: 429–437.
- Robinson, B.L.** 1913. Revisions of *Alomia*, *Ageratum* and *Oxylobus*. *Proceedings of the American Academy of Arts and Sciences* 49: 438–491.
- Robinson, B.L.** 1926. Records preliminary to a general treatment of the Eupatorieae, VI. *Contributions from the Gray Herbarium of Harvard University* 77: 3–62.
- Robinson, B.L.** 1930. Records preliminary to a general treatment of the Eupatorieae, VIII. *Contributions from the Gray Herbarium of Harvard University* 90: 3–36.
- Robinson, H.** 1970. In honor of the botanical career of José Cuatrecasas. Pp. 13–16 in: **Cuatrecasas, J.**, *Brunelliaceae Supplement. Flora Neotropica Monographs 2 supplement*. New York Botanical Garden Press, New York.
- Robinson, H.** 1974. Studies in the Senecioneae (Asteraceae). VI. The genus *Arnoglossum*. *Phytologia* 28: 294–295.
- Robinson, H.** 1977. An analysis of the characters and relationships of the tribes Eupatorieae and Vernonieae (Asteraceae). *Systematic Botany* 2: 199–208.
- Robinson, H.** 1978. Studies in the Heliantheae (Asteraceae). XIV. Validation of subtribes. *Phytologia* 41: 39–44.
- Robinson, H.** 1979. Two new genera of Vernonieae (Asteraceae) from Brazil, *Heterocypsela* and *Pseudostiffitia*. *Phytologia* 44: 442–450.
- Robinson, H.** 1981. A revision of the tribal and subtribal limits of the Heliantheae (Asteraceae). *Smithsonian Contributions to Botany* 51: 1–102.
- Robinson, H.** 1983. A generic review of the tribe Liabeae (Asteraceae). *Smithsonian Contributions to Botany* 54: 1–69.
- Robinson, H.** 1983. Studies in the Liabeae (Asteraceae). XVI. New taxa from Peru. *Phytologia* 54: 62–65.
- Robinson, H.** 1984. Style rotation in the Asteraceae. *Taxon* 33: 400–404.
- Robinson, H.** 1985. In honor of the botanical career of José Cuatrecasas. Pp. 13–16 in Cuatrecasas, J. *Flora Neotropica*, vol. 25, *Brunelliaceae*, Supplement. New York Botanical Garden, New York.
- Robinson, H.** 1989. A revision of the genus *Dresslerothamnus* (Asteraceae: Senecioneae). *Systematic Botany* 14: 380–388.
- Robinson, H.** 1990. A redelimitation of *Microliabum* Cabrera (Asteraceae: Liabeae). *Systematic Botany* 15: 736–744.
- Robinson, H.** 1990. Notes on *Sinclairia* and *Liabellum* in Mesoamerica (Liabeae: Asteraceae). *Phytologia* 69: 57–60.
- Robinson, H.** 1991. Two new species of *Stiffitia* with notes on relationships of the genus (Asteraceae: Mutisieae). *Systematic Botany* 16: 685–692.
- Robinson, H.** 1992. Observations on the unique form of sweeping hairs on the styles of the Eremothamneae (Asteraceae). *Taxon* 41: 199–200.
- Robinson, H.** 1992. The Asteraceae of the Guianas. 3. Vernonieae and restoration of the genus *Xiphochaeta*. *Rhodora* 94: 348–361.
- Robinson, H.** 1993. A review of the genus *Critoniopsis* in Central and South America (Vernonieae: Asteraceae). *Proceedings of the Biological Society of Washington* 106: 606–627.
- Robinson, H.** 1993. New species of *Ericentrodea* from Bolivia and Colombia (Asteraceae, Coreopsidinae, Heliantheae). *Novon* 3: 75–78.
- Robinson, H.** 1994. *Cololobus*, *Pseudoptocarpha*, and *Trepadonia*, three new genera from South America (Vernonieae, Asteraceae). *Proceedings of the Biological Society of Washington* 107: 557–568.
- Robinson, H.** 1994. New species of *Ferreyranthus* and *Munnozia* from Peru (Liabeae: Asteraceae). *Phytologia* 76: 19–23.
- Robinson, H.** 1994. Notes on the tribes Eremothamneae, Gundelieae and Moquinieae, with comparisons of their pollen. *Taxon* 43: 33–44.
- Robinson, H.** 1996. Recent studies in the Heliantheae and

- Eupatorieae. Pp. 627–653 in: Hind, D.J.N. & Beentje, H.J. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Robinson, H.** 1996. The status of generic and subtribal revisions in the Vernonieae. Pp. 511–529 in: Hind, D.J.N. & Beentje, H.J. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Robinson, H.** 1999. Generic and subtribal classification of American Vernonieae. *Smithsonian Contributions to Botany* 89: 1–116.
- Robinson, H.** 1999. Revisions in paleotropical Vernonieae (Asteraceae). *Proceedings of the Biological Society of Washington* 112: 220–247.
- Robinson, H.** 1999. Two new subtribes, Stokesiinae and Pacouriniinae, of the Vernonieae (Asteraceae). *Proceedings of the Biological Society of Washington* 112: 216–219.
- Robinson, H.** 2004. New supertribes, Helianthodae and Senecionodae, for the subfamily Asteroideae (Asteraceae). *Phytologia* 86: 116–120.
- Robinson, H.** 2006. New species and new records in *Symphopappus* (Eupatorieae: Asteraceae). *Phytologia* 88: 129–135.
- Robinson, H.** 2006. New species of *Ageratina* from andean South America (Eupatorieae: Asteraceae). *Phytologia* 88: 154–175.
- Robinson, H.** 2007 [2006]. Moquinieae. Pp. 148–149 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Robinson, H.** 2007 [2006]. Vernonieae. Pp. 165–192 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Robinson, H., Bohlmann, F. & King, R.M.** 1989. Chemosystematic notes on the Asteraceae. III. Natural subdivisions of the Vernonieae. *Phytologia* 46: 421–436.
- Robinson, H. & Brettell, R.D.** 1973. Studies in the Senecioneae (Asteraceae). I. A new genus, *Pittocaulon*. *Phytologia* 26: 451–453.
- Robinson, H. & Brettell, R.D.** 1973. Studies in the Senecioneae (Asteraceae). II. A new genus, *Nelsonianthus*. *Phytologia* 27: 53–54.
- Robinson, H. & Brettell, R.D.** 1973. Studies in the Senecioneae (Asteraceae). III. The genus *Psacalium*. *Phytologia* 27: 254–264.
- Robinson, H. & Brettell, R.D.** 1973. Studies in the Senecioneae (Asteraceae). IV. The genera *Mesadenia*, *Syneilexis*, *Miricacalia*, *Koyamacalia* and *Sinacalia*. *Phytologia* 27: 265–276.
- Robinson, H. & Brettell, R.D.** 1973. Tribal revisions in the Asteraceae. III. A new tribe, Liabeae. *Phytologia* 25: 404–407.
- Robinson, H. & Brettell, R.D.** 1973. Tribal revisions in the Asteraceae. VI. The relationship of *Eriachaenium*. *Phytologia* 26: 71–72.
- Robinson, H. & Brettell, R.D.** 1973. Tribal revisions in the Asteraceae. VIII. A new tribe, Ursinieae. Arctotideae. Anthemidae. *Phytologia* 26: 76–85.
- Robinson, H. & Brettell, R.D.** 1973. Tribal revisions in Asteraceae. X. The relationship of *Plagiocheilus*. *Phytologia* 26: 159–162.
- Robinson, H. & Brettell, R.D.** 1973. Tribal revisions in the Asteraceae. XI. A new tribe, Eremothamneae. *Phytologia* 26: 163–166.
- Robinson, H. & Brettell, R.D.** 1974. Studies in the Liabeae (Asteraceae). II. Preliminary survey of the genera. *Phytologia* 28: 43–63.
- Robinson, H. & Brettell, R.D.** 1974. Studies in the Senecioneae (Asteraceae). V. The genera *Psacaliopsis*, *Barkleyanthus*, *Telanthophora* and *Roldana*. *Phytologia* 27: 402–439.
- Robinson, H., Carr, G.D., King, R.M. & Powell, A.M.** 1997. Chromosome numbers in Compositae, XVII: Senecioneae III. *Annals of the Missouri Botanical Garden* 84: 893–906.
- Robinson, H. & Cuatrecasas, J.** 1994. *Jessea* and *Talamancalia*, two new genera of the Senecioneae (Asteraceae) from Costa Rica and Panama. *Novon* 4: 48–52.
- Robinson, H. & Funk, V.A.** 1987. A phylogenetic analysis of *Leiboldia*, *Lepidonia*, and a new genus *Stramentopappus* (Vernonieae: Asteraceae). *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 108: 213–228.
- Robinson, H., Funk, V.A., Pruski, J.F. & King, R.M.** 1996. José Cuatrecasas Arumí (1903–1996). *Compositae Newsletter* 29: 1–30.
- Robinson, H. & Kahn, B.** 1986. Trinervate leaves, yellow flowers, tailed anthers, and pollen variation in *Distephanus* Cassini (Vernonieae: Asteraceae). *Proceeding of the Biological Society of Washington* 99: 493–495.
- Robinson, H., Keeley, S.C., Skvarla, J.J. & Chan, R.** 2008. Studies on the Gymnantheminae (Vernonieae: Asteraceae) II. Restoration of the genus *Strobocalyx* and the new genus *Tarlmounia*. *Bulletin of the Biological Society of Washington* 121: 19–33.
- Robinson, H. & King, R.M.** 1977. Eupatorieae—systematic review. Pp. 437–486 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 1. Academic Press, London.
- Robinson, H. & Marticorena, C.** 1986. A palynological study of the Liabeae (Asteraceae). *Smithsonian Contributions to Botany* 64: 1–50.
- Robinson, H., Powell, A.M., King, R.M. & Weedin, J.F.** 1985. Chromosome numbers in Compositae, XI: Liabeae. *Annals of the Missouri Botanical Garden* 72: 469–479.
- Robinson, H., Powell, A.M., King, R.M. & Weedin, J.F.** 1981. Chromosome numbers in Compositae, XII: Heliantheae. *Smithsonian Contributions to Botany* 52: 1–28.
- Rock, H.F.L.** 1957. A revision of the vernal species of *Helenium* (Compositae). *Rhodora* 59: 101–116, 128–158, 168–178, 203–216.
- Rodin, L.E.** 1968. *Po juzhnyh stranam*. Izdaniya Mysl', Moscow.
- Rodríguez, E. & Mabry, T.J.** 1977. Tageteae—chemical review. Pp. 785–797 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 2. Academic Press, London.
- Roeder, E., Wiedenfeld, H., Hille, T. & Britz-Kirstgen, R.** 1984. Pyrrolizidinalkaloide in *Echinacea angustifolia* DC. und *Echinacea purpurea* M. *Deutsche Apotheker Zeitung* 124: 2316–2318.
- Roessler, H.** 1959. Revision der Arctotideae-Gorteriinae (Compositae). *Mitteilungen der Botanischen Staatssammlung München* 3: 71–500.
- Roessler, H.** 1973. Nachträge zur Bearbeitung der Arctotideae-Gorteriinae (Compositae). *Mitteilungen der Botanischen Staatssammlung München* 11: 91–99.
- Ronquist, F. & Huelsenbeck, J.P.** 2003. MrBayes 3: Bayesian phylogenetic inference under mixed models. *Bioinformatics* 19: 1572–1574.
- Ronquist, F.** 1996. DIVA version 1.1. Computer program and manual available by anonymous FTP from Uppsala University (ftp.uu.se or ftp.systbot.uu.se).
- Ronquist, F.** 1997. Dispersal–vicariance analysis: a new approach

- to the quantification of historical biogeography. *Systematic Biology* 46: 195–203.
- Roque, N.** 2001. Five new species of *Richtera* (Compositae, Mutisieae): a genus endemic to Brazil. *Novon* 11: 341–349.
- Roque, N. & Hind, D.J.N.** 2001. *Ianthopappus*, a new genus of the tribe Mutisieae (Compositae). *Novon* 11: 97–101.
- Roque, N. & Nakajima, J.N.** 2001. Two new species of *Richtera* Kuntze (Asteraceae, Mutisieae) from Minas Gerais. *Kew Bulletin* 56: 697–703.
- Roque, N. & Pirani, R.** 2001. Reinstatement of the name *Richtera* Kuntze and recircumscription of the genus to include species formerly treated as *Actinoseris* (Endl.) Cabrera (Compositae, Mutisieae). *Taxon* 50: 1155–1160.
- Roque, N. & Silvestre-Capelato, M.S.F.** 2001. Generic delimitation of *Gochnatia*, *Richtera* and *Ianthopappus* (Compositae-Mutisieae) based on pollen morphology. *Grana Palynologica* 40: 197–204.
- Rösch, M.** 1998. The history of crops and crop weeds in southwestern Germany from the Neolithic period to modern times, as shown by archaeobotanical evidence. *Vegetation History and Archaeobotany* 7: 109–125.
- Rosengarten, F., Jr.** 1969. *The Book of Spices*. Livingston, Philadelphia.
- Roth, I.** 1977. *Fruits of Angiosperms*. Pp. 278–280 in: Fink, S., Ziegler, H., Cutler, D.F. & Roth, I. (eds.), *Handbuch der Pflanzenanatomie*, vol. 10. Borntraeger, Berlin and Stuttgart.
- Rourke, J.P.** 1974. *Dymondia margaretae*, a notable ground cover. *Journal of the Botanical Society of South Africa* 60: 30–33.
- Rousseau, J.** 1970. Sébastien Vaillant, an outstanding 18th century botanist. Pp. 195–228 in: Smith, P. & ter Laage, R.J.C.V. (eds.), *Essays in Biohistory and other Contributions Presented by Friends and Colleagues to Frans Verdoorn on the Occasion of his 60th Birthday*. Regnum Vegetabile 71. Bohn, Scheltema & Holkema, Utrecht.
- Rowan, M.K.** 1967. A study of the collies of southern Africa. *The Ostrich* 38: 63–115.
- Rowley, J.R. & El-Ghazaly, G.** 1992. Lipid in wall and cytoplasm of *Solidago* pollen. *Grana* 31: 273–283.
- Roznblum, E., Waisman, C.E. & Hunziker, J.H.** 1985. Estudios cariológicos en Compositae. II. *Darwiniana* 26: 15–25.
- Ruangrunsi, N., Kasiwond, S. & Likhitwitayawuid, K.** 1989. Constituents of *Grangea maderaspatana*. A new eudesmanolide. *Journal of Natural Products* 52: 130–134.
- Rubatzky, V.E. & Yamaguchi, M.** 1997. *World Vegetables. Principles, Production, and Nutritive Values*, ed. 2. Chapman & Hall, New York.
- Rudgers, J.A. & Whitney, K.D.** 2006. Interactions between insect herbivores and a plant architectural dimorphism. *Journal of Ecology* 94: 1249–1260.
- Ruel, J.** 1536. *De Natura Stirpium Libri Tres*. Paris.
- Rydberg, P.A.** 1927. Carduaceae: Liabeae, Neurolaeneae, Senecioneae. *North American Flora* 34(4): 289–360.
- Ryder, E.J.** 1998. *Lettuce, Endive, and Chicory*. CABI Publishing, Wallingford.
- Ryder, E.J. & Whitaker, T.W.** 1995. Lettuce. Pp. 53–56 in: Smartt, J. & Simmonds, N.W. (eds.), *Evolution of Crop Plants*, ed. 2. Longman Scientific and Technical, Essex.
- Ryding, O. & Bremer, K.** 1992. Phylogeny, distribution, and classification of the Coreopsidae (Asteraceae). *Systematic Botany* 17: 649–659.
- Rzedowski, J.** 1972. Contribuciones a la fitogeografía florística e histórica de México. III Algunas tendencias en la distribución geográfica y ecológica de las Compositae mexicanas. *Ciencia (México)* 27: 123–132.
- Rzedowski, J.** 1993. Diversity and origins of the phanerogamic flora of Mexico. Pp. 129–144 in: Ramamoorthy, T.P., Bye, R., Lot, A. & Fa, J. (eds.), *Biological Diversity of Mexico; Origins and Distribution*. Oxford University Press, London.
- Rzedowski, J. & Calderon de Rzedowski, G.** 1995. *Flora del Bajío y de Regiones Adyacentes*, vol. 38, *Familia Compositae, Tribu Vernoniae*. Instituto de Ecología, Patzcuaro, Mexico.
- Saar, D.E., Polans, N.O. & Sørensen, P.D.** 2003. A phylogenetic analysis of the genus *Dahlia* (Asteraceae) based on internal and external transcribed spacer regions of nuclear ribosomal DNA. *Systematic Botany* 28: 627–639.
- Saarela, J.M., Rai, H.S., Doyle, J.A., Endress, P.K., Mathews, S., Marchant, A.D., Briggs, B.G. & Graham, S.W.** 2007. Hydatellaceae identified as a new branch near the base of the angiosperm phylogenetic tree. *Nature* 446: 312–315.
- Sagástegui A., A.** 1980. Compuestas andino-peruanas nuevas para la ciencia. *Boletín de la Sociedad Argentina de Botánica* 19: 61–68.
- Sagástegui, A. & Dillon, M.O.** 1985. Four new species of Asteraceae from Peru. *Brittonia* 37: 6–13.
- Sagástegui-Alva, A. & Dillon, M.O.** 1985. New species and combinations in *Belloa* (Inuleae-Asteraceae). *Phytologia* 58: 392–400.
- Sagástegui-Alva, A. & Dillon, M.O.** 1994. Studies in the tribe Liabeae (Asteraceae) in Peru: III. A new species of *Chrysactinium* from northern Peru. *Arnaldoa* 2(2): 31–35.
- Sagástegui A., A. & Sánchez V., I.** 1991. Una nueva especie de *Chuquiraga* (Asteraceae-Mutisieae) del Norte del Perú. *Arnaldoa* 1(2): 1–4.
- Sahu, T.R.** 1983. Trichome studies in *Senecio* Linn.: structure, distribution and taxonomic significance. *Journal of the Indian Botanical Society* 62: 84–89.
- Saito, Y. & Kokubugata, G.** 2004. Cytological comparison of 5S ribosomal DNA sites on somatic chromosomes in *Aster ×sekimotoi* and speculation of its parental species (Asteraceae). *Chromosome Science* 8: 103–107.
- Saito, Y., Kokubugata, G. & Möller, M.** 2007. Molecular evidence for a natural hybrid origin of *Doellingeria ×sekimotoi* (Asteraceae) using ITS and *matK* sequences. *International Journal of Plant Sciences* 168: 469–476.
- Sakamoto, H.T., Gobbo-Neto, L., Cavalheiro, A.J., Lopes, N.P. & Lopes, J.L.C.** 2005. Quantitative HPLC analysis of sesquiterpene lactones and determination of chemotypes in *Eremanthus seidelii* MacLeish & Schumacher (Asteraceae). *Journal of the Brazilian Chemical Society* 16: 1396–1401.
- Saleh, N.A.M. & Mosharrafa, S.** 1996. Flavonoids and chemosystematics of some African Compositae. Pp. 187–205 in: Hind, D.J.N. & Beentje, H.J. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Salie, F., Eagles, P.F.K. & Leng, H.M.J.** 1996. Preliminary antimicrobial screening of four South African Asteraceae species. *Journal of Ethnopharmacology* 52: 27–33.
- Samuel, R., Gutermann, W., Stuessy, T.F., Ruas, C.F., Lack, H.-W., Tremetsberger, K., Talavera, S., Hermannowski, B. & Ehrendorfer, F.** 2006. Molecular phylogenetics reveals *Leontodon* (Asteraceae, Cichorieae) to be diphyletic. *American Journal of Botany* 93: 1193–1205.
- Samuel, R., Stuessy, T.F., Tremetsberger, K., Baeza, C.M. & Siljak Yakovlev, S.** 2003. Phylogenetic relationships among species of *Hypochaeris* (Asteraceae, Cichorieae) based on ITS, plastid *trnL* intron, *trnL-F* spacer, and *matK* sequences. *American Journal of Botany* 90: 496–507.

- San Pío Aladrén, M.P. (ed.)**. 2007. *La colección van Berkhey del Real Jardín Botánico. Un atlas del reino vegetal en el siglo XVII*. Lunwerg, Madrid.
- Sancho, G.** 2000. Revisión y filogenia de la sección *Moquiniastrum* Cabrera del género *Gochnatia* Kunth (Asteraceae, Mutisieae). *Fontqueria* 54: 61–122.
- Sancho, G.** 2004. Phylogenetic relationships within the genus *Onoseris* (Asteraceae, Mutisieae) inferred from morphology. *Systematic Botany* 29: 432–447.
- Sancho, G., Bonifacino, J.M. & Pruski, J.F.** 2006. Revision of *Microgyne* (Asteraceae: Astereae), the correct name for *Microgynella*. *Systematic Botany* 31: 851–861.
- Sancho, G., Freire, S.E., Katinas, L. & Tellería, M.C.** 2005. A new species and a new combination in Andean Mutisieae (Asteraceae). *Taxon* 54: 85–90.
- Sancho, G. & Karaman-Castro, V.** 2008. A phylogenetic study in American Podocominae (Asteraceae: Astereae) based on morphological and molecular data. *Systematic Botany* 33: 762–775.
- Sancho, G. & Katinas, L.** 2002. Are the trichomes in corollas of Mutisieae really twin hairs? *Botanical Journal of the Linnean Society* 140: 427–433.
- Sancho, G. & Otegui, M.** 2000. Vascularization and secretory tissues in florets of *Gochnatia polymorpha* (Asteraceae, Mutisieae): evolutionary considerations. *Phytomorphology* 50: 172–179.
- Sancho, G. & Pruski, J.F.** 2004. *Laennecia araneosa* (Compositae: Astereae) a new combination and a genus new to the West Indies. *Novon* 14: 486–488.
- Sandwith, N.Y.** 1956. Contributions to the flora of tropical America. LXI. Notes on *Philoglossa*. *Kew Bulletin* 1956: 289–293.
- Sang, T., Crawford, D.J., Kim, S.-C. & Stuessy, T.F.** 1994. Radiation of the endemic genus *Dendroseris* (Asteraceae) on the Juan Fernández Islands: evidence from sequences of the ITS regions of nuclear ribosomal DNA. *American Journal of Botany* 81: 1494–1501.
- Sang, T., Crawford, D.J., Stuessy, T.F. & Silva O., M.** 1995. ITS sequences and the phylogeny of the genus *Robinsonia* (Asteraceae). *Systematic Botany* 20: 55–64.
- Sanz, M., Vilatersana, R., Hidalgo, O., Garcia-Jacas, N., Susanna, A., Schneeweiss, G.M. & Vallès, J.** 2008. Molecular phylogeny and evolution of floral characters of *Artemisia* and allies (Anthemideae, Asteraceae): evidence from nrDNA ETS and ITS sequences. *Taxon* 57: 66–78.
- Sarker, S.D., Laird, A., Nahar, L., Kumarasamy, Y. & Jaspars, M.** 2001. Indole alkaloids from the seeds of *Centaurea cyanus* (Asteraceae). *Phytochemistry* 57: 1273–1276.
- Saukel, J., Anchev, M., Guo, Y.P., Vitkova, A., Nedelcheva, A., Goranova, V., Konakchiev, A., Lambrou, M., Nejati, S., Rauchsteiner, F. & Ehrendorfer, F.** 2004. Comments on the biosystematics of *Achillea* (Asteraceae-Anthemideae) in Bulgaria. *Phytologia Balcanica* 9: 361–400.
- Savolainen, V., Fay, M.F., Albach, D.C., Backlund, A., Van der Bank, M., Cameron, K.M., Johnson, S.A., Lledó, M.D., Pintaud, J.-C., Powell, M., Sheahan, M.C., Soltis, D.E., Soltis, P.S., Weston, P., Whitten, W.M., Wurdack, K.J. & Chase, M.W.** 2000. Phylogeny of the eudicots: a nearly complete familial analysis based on *rbcL* gene sequences. *Kew Bulletin* 55: 257–309.
- Sazima, M. & Machado, I.C.S.** 1983. Biología floral de *Mutisia coccinea* St. Hil. (Asteraceae). *Revista Brasileira de Botânica* 6: 103–108.
- Schaumann, M., Barker, J. & Grieg, J.** 1987. *Australian Daisies for Gardens and Floral Art*. Lothian Press, Melbourne.
- Schilling, E.E.** 1997. Phylogenetic analysis of *Helianthus* (Asteraceae) based on chloroplast DNA restriction site data. *Theoretical and Applied Genetics* 94: 925–933.
- Schilling, E.E., Linder, C.R., Noyes, R.D. & Rieseberg, L.H.** 1998. Phylogenetic relationships in *Helianthus* (Asteraceae) based on nuclear ribosomal DNA internal transcribed spacer region sequence data. *Systematic Botany* 23: 177–187.
- Schilling, E.E. & Panero, J.L.** 2002. A revised classification of subtribe Helianthinae (Asteraceae: Heliantheae). I. Basal lineages. *Botanical Journal of the Linnean Society* 140: 65–76.
- Schilling, E.E., Panero, J.L. & Cox, P.B.** 1999. Chloroplast DNA restriction site data support a narrowed interpretation of *Eupatorium* (Asteraceae). *Plant Systematics and Evolution* 219: 209–223.
- Schilling, E.E., Panero, J.L. & Eliasson, U.H.** 1994. Evidence from chloroplast DNA restriction site analysis on the relationships of *Scalesia* (Asteraceae: Heliantheae). *American Journal of Botany* 81: 248–254.
- Schmida, A.** 1985. Why do some Compositae have an inconsistently deciduous pappus? *Annals of the Missouri Botanical Garden* 72: 184–186.
- Schmidt, G.J. & Schilling, E.E.** 2000. Phylogeny and biogeography of *Eupatorium* (Asteraceae: Eupatorieae) based on nuclear ITS sequence data. *American Journal of Botany* 87: 716–726.
- Schmidt, T.J., Hildebrand, M.R. & Willuhn, G.** 2003. New dihydrobenzofurans and triterpenoids from roots of *Microglossa pyrifolia*. *Planta Medica* 69: 258–264.
- Schneider, D.** 1987. The strange fate of pyrrolizidine alkaloids. Pp. 123–142 in: Chapman, R.F., Bernays, E.A. & Stoffolano, J.G. (eds.), *Perspectives in Chemoreception and Behavior*. Springer, New York.
- Schnitzlein, A.** 1854. Weitere Mittheilung über die Sitzung der botanischen Section der Versammlung deutscher Aerzte und Naturforscher zu Tübingen. *Flora* 27: 65–78.
- Schodde, R.** 1963. A taxonomic revision of the genus *Millotia* Cassini (Compositae). *Transactions of the Royal Society of South Australia* 87: 209–241.
- Schröder, H.** 1854. Giseke. Pp. 496–499 in: *Lexikon der hamburgischen Schriftsteller bis zur Gegenwart*, vol. 2. Hamburg.
- Schultz, C.H.** 1860. Über die Gattung *Ormenis* Cass. *Flora* 43: 433–434.
- Schultz Bipontinus, C.H.** 1844. *Über die Tanacetee*. Trautmann, Neustadt an der Haardt
- Schultz Bipontinus, C.H.** 1866. Beitrag zum System der Cichoriaceen. *Jahresbericht der Pollichia, eines Naturwissenschaftlichen Vereins der bayerischen Pfalz* 22–24: 296–322.
- Schüngel, J. & Passreiter, C.M.** 2000. 2-pyrrolidineacetic acid and pyrrolizidine alkaloids from *Melampodium divaricatum*. *Biochemical Systematics and Ecology* 28: 705–706.
- Schuster, J.** 1928. Giseke. Pp. CXI ff. in: *Linné und Fabricius, aus ihrem Leben und Werk*. Verlag der Münchner Drucke, München.
- Schutte, A.L., Vlok, J.H.J. & Van Wyk, B.E.** 1995. Fire-survival strategy—a character of taxonomic, ecological and evolutionary importance in fynbos legumes. *Plant Systematics and Evolution* 195: 243–259.
- Schwitzgebel, R.B. & Wilbur, D.A.** 1942. Coleoptera associated with ironweed, *Vernonia interior* Small, in Kansas. *Kansas Entomological Society Journal* 15: 37–44.
- Schwitzgebel, R.B. & Wilbur, D.A.** 1942. Lepidoptera, hemiptera, and homoptera associated with ironweed, *Vernonia interior*, in Kansas. *Transactions of the Kansas Academy of Science* 45: 195–202.

- Schwitzgebel, R.B. & Wilbur, D.A.** 1943. Diptera associated with ironweed, *Vernonia interior*, in Kansas. *Kansas Entomological Society Journal* 16: 4–13.
- Scotese, C. R.** 2008. PALEOMAP website (<http://www.scotese.com>).
- Scott, L., Cadman, A. & McMillan, I.** 2006. Early history of Cainozoic Asteraceae along the Southern African west coast. *Review of Palaeobotany and Palynology* 142: 47–52.
- Seaman, F.C.** 1982. Sesquiterpene lactones as taxonomic characters in the Asteraceae. *Botanical Review* 48: 121–594, 595 (Errata).
- Seaman, F.C., Bohlmann, F., Zdero, C. & Mabry, T.J.** 1990. *Diterpenes of Flowering Plants: Compositae (Asteraceae)*. Springer, New York.
- Seaman, F.C. & Funk, V.A.** 1983. Cladistic analysis of complex natural products: developing transformation series from sesquiterpene lactone data. *Taxon* 32: 1–27.
- Seeligmann, P.** 1996. Flavonoids of the Compositae as evolutionary parameters in the tribes which synthesize them: a critical approach. Pp. 159–167 in: Hind, D.J.N. & Beentje, H.J. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Seigler, D.S.** 1998. *Plant Secondary Metabolism*. Kluwer Academic Publishers, Boston.
- Seiler, G.J.** 1996. Dormancy and germination of wild *Helianthus* species. Pp. 213–222 in: Caligari, P.D.S. & Hind, D.J.N. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 2, *Compositae: Biology and Utilization*. Royal Botanic Gardens, Kew.
- Selliah, S. & Brouillet, L.** 2008. Molecular phylogeny of the North American eurybioid asters, *Oreostemma*, *Herrickia*, *Eurybia*, and *Triniteurybia* (Asteraceae, Astereae) based on the ITS and 3'ETS nuclear ribosomal regions. *Botany* 86: 901–915.
- Selvi, F. & Bigazzi, M.** 2002. Chromosome studies in Turkish species of *Nonea* (Boraginaceae): the role of polyploidy and descending dysploidy in the evolution of the genus. *Edinburgh Journal of Botany*. 59: 405–420.
- Semir, J.** 1991. Revisão taxonômica de *Lycnophora* Mart. (Vernonieae-Compositae). Ph.D. Thesis, Universidad Estadual de Campinas, São Paulo.
- Semir, J. & Jesus, F.F.** 2004. A new species of *Minasia* (Asteraceae, Vernonieae) from the Planalto de Diamantina, Minas Gerais, Brazil. *Novon* 14: 233–235.
- Simple, J.C.** 1974. Chromosome counts of phanerogams 4. *Annals of the Missouri Botanical Garden* 61: 902–903.
- Simple, J.C.** 1989. Geographical distribution of B chromosomes of *Xanthisma texanum* (Compositae: Astereae). II. Local variation within and between populations and frequency variations through time. *American Journal of Botany* 76: 769–776.
- Simple, J.C.** 1995. A review of hypotheses on ancestral chromosomal base numbers in the tribe Astereae and the genus *Aster*. Pp. 153–165 in: Hind, D.J.N., Jeffrey, C. & Pope, G.V. (eds.), *Advances in Compositae Systematics*. Royal Botanic Gardens, Kew.
- Simple, J.C.** 2006. Quadruple, triple, double, and simple pappi in the goldenasters, subtribe Chrysopsidinae (Asteraceae: Astereae). *Sida* 22: 503–531.
- Simple, J.C. & Chinnappa, C.C.** 1980. Phylogenetic implications of meiosis in wild and cultivated interspecific hybrids in *Chrysopsis* (Compositae-Astereae): *C. godfreyi* ($n = 5$), *C. gossypina* × ssp. *cruiseana* ($n = 9$) and *C. godfreyi* ($n = 5$) × *linearifolia* ($n = 5$). *Canadian Journal of Botany* 58: 172–181.
- Simple, J.C., Heard, S.B. & Brouillet, L.** 2002. Cultivated and native Asters of Ontario (Compositae: Astereae). *Aster* L. (including *Asteromoea* Blume, *Diplactis* Raf. and *Kalimeris* (Cass.) Cass.), *Callistephus* Cass., *Galatella* Cass., *Doellingeria* Nees, *Oclemena* E.L. Greene, *Eurybia* (Cass.) S.F. Gray, *Canadanthus* Nesom, and *Symphytotrichum* Nees (including *Virgulus* Raf.). *University of Waterloo Biology Series* 41: 1–134.
- Simple, J.C., Ringius, G.S. & Zhang, J.J.** 1999. The Goldenrods of Ontario: *Solidago* L. and *Euthamia* Nutt., ed. 3. *University of Waterloo Biology Series* 39: 1–90.
- Sennikov, A.N.** 2000. O rodakh iz rodstva *Prenanthes* L. (Asteraceae). *Novosti Sistematiki Vysshikh Rastenii* 32: 178–181.
- Sennikov, A.N. & Illarionova, I.D.** 2000. Reclassification of *Prenanthes pendula* (Asteraceae: Lactuceae). *Compositae Newsletter* 34: 53–57.
- Sennikov, A.N. & Illarionova, I.D.** 2001. Morfologicheskoe i anatomicheskoe stroenie semyoi vidov roda *Prenanthes* s.l. (Asteraceae). *Botanicheskii Zhurnal* 86(10): 56–66.
- Sennikov, A.N. & Illarionova, I.D.** 2007 [“2008”]: Generic delimitation of the subtribe Ixeridinae newly segregated from Crepidiinae (Asteraceae – Lactuceae). *Komarovia* 5: 57–115.
- Sequeira, V.** 1994. Medicinal plants and conservation in São Tome. *Biodiversity and Conservation* 3: 910–926.
- Sessa, R.A., Bennett, H.M., Lewis, M.J., Mansfield, J.W. & Beale, M.H.** 2000. Metabolite profiling of sesquiterpene lactones from *Lactuca* species. *Biological Chemistry* 275: 26877–26884.
- Shah, N.C.** 1996. Ethnobotany of some well-known Himalayan Composites. Pp. 415–422 in: Caligari, P.D.S. & Hind, D.J.N. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 2, *Compositae: Biology and Utilization*. Royal Botanic Gardens, Kew.
- Shannon, R.K. & Wagner, W.L.** 1997. *Oparanthus* revisited. *Allertonia* 7: 273–295.
- Sharma, A. & Sakar, A.K.** 1967–68. Chromosome number reports of plants in Annual Report. *The Research Bulletin of the University of Calcutta (Cytogenetics Laboratory)* 2: 38–48.
- Sharsmith, H.K.** 1938. The native California species of the genus *Coreopsis* L. *Madroño* 4: 209–231.
- Shealer, D.A., Snyder, J.P., Dreisbach, V.C., Sunderlin, D.F. & Novak, J.A.** 1999. Foraging patterns of Eastern gray squirrels (*Sciurus carolinensis*) on goldenrod gall insects, a potentially important winter food resource. *American Midland Naturalist* 142: 102–109.
- Sheldon, J.C. & Burrows, F.M.** 1973. The dispersal effectiveness of the achene-pappus units of selected Compositae in steady winds with convection. *New Phytologist* 72: 665–675.
- Sherff, E.E.** 1926. Revision of the genus *Isostigma* Less. *Botanical Gazette* 81: 241–257.
- Sherff, E.E.** 1931. New or otherwise noteworthy Compositae, VI. *Botanical Gazette* 91: 308–319.
- Sherff, E.E.** 1932. Revision of the genus *Cosmos* (family Compositae). *Field Museum Publications in Botany* 8: 401–447.
- Sherff, E.E.** 1937. The genus *Bidens*, I & II. *Field Museum of Natural History, Botanical Series* 16: 1–709.
- Sherff, E.E.** 1940. A new genus of Compositae from northwestern Alabama. *Botanical Series of the Field Museum of Natural History* 22: 399–403.
- Sherff, E.E.** 1966. Two new additions to *Hidalgoa* and *Bidens* (Compositae). *Sida* 2: 261–263.
- Sherff, E.E. & Alexander, E.J.** 1955. Compositae–Heliantheae–Coreopsidinae. *North American Flora*, ser. 2, pp. 1–149.
- Shih, C.** 1987. On the circumscription of the genus *Prenanthes* L. and *Notoseris* Shih: a new genus of Compositae from China. *Acta Phytotaxonomica Sinica* 25: 189–203.

- Short, P.S.** 1981. Pollen-ovule ratios, breeding systems and distribution patterns of some Australian Gnaphaliinae (Compositae-Inuleae). *Muelleria* 4: 395–417.
- Short, P.S.** 1983. A revision of *Angianthus* Wendl., sensu lato (Compositae: Inuleae: Gnaphaliinae), 1. *Muelleria* 5: 143–183.
- Short, P.S.** 1983. A revision of *Angianthus* Wendl., sensu lato (Compositae: Inuleae: Gnaphaliinae), 2. *Muelleria* 5: 185–214.
- Short, P.S.** 1985. A revision of *Actinobole* Fenzl ex Endl. (Compositae: Inuleae: Gnaphaliinae). *Muelleria* 6: 9–22.
- Short, P.S.** 1986. A revision of *Pogonolepis* Steetz (Compositae: Inuleae: Gnaphaliinae). *Muelleria* 6: 237–253.
- Short, P.S.** 1987. A revision of *Blennospora* A. Gray (Compositae: Inuleae: Gnaphaliinae). *Muelleria* 6: 349–358.
- Short, P.S.** 1987. Notes on *Gnephosis* Cass. (Compositae: Inuleae: Gnaphaliinae). *Muelleria* 6: 317–319.
- Short, P.S.** 1989. A revision of *Podotheca* Cass. (Asteraceae: Inuleae: Gnaphaliinae). *Muelleria* 7: 39–56.
- Short, P.S.** 1989. New genera and species of Australian Inuleae (Asteraceae). *Muelleria* 7: 103–116.
- Short, P.S.** 1990. A revision of the genus *Chthonocephalus* Steetz (Asteraceae: Inuleae: Gnaphaliinae). *Muelleria* 7: 225–238.
- Short, P.S.** 1990. A revision of *Trichanthodium* Sond. and F. Muell. ex Sond. (Asteraceae: Inuleae: Gnaphaliinae). *Muelleria* 7: 213–224.
- Short, P.S.** 1990. New taxa and new combinations in Australian Gnaphaliinae (Inuleae: Asteraceae). *Muelleria* 7: 239–252.
- Short, P.S.** 1995. A revision of *Millotia* (Asteraceae: Gnaphaliinae). *Australian Systematic Botany* 8: 1–47.
- Short, P.S.** 2000. Notes on *Myriocephalus* Benth. s. lat. (Asteraceae: Gnaphaliinae). *Australian Systematic Botany* 13: 729–738.
- Short, P.S.** 2004. Three new genera of Australian Astereae (Asteraceae). *Muelleria* 20: 53–66.
- Short, P.S. & Anderberg, A.A.** 1995. Cladistic analysis of *Millotia* (Asteraceae: Gnaphaliinae). *Australian Systematic Botany* 8: 49–55.
- Short, P.S., Wilson, K.E. & Nailon, J.** 1989. Notes on the fruit anatomy of Australian members of the Inuleae (Compositae). *Muelleria* 7: 57–79.
- Short, P.S. & Wilson, P.G.** 1990. *Haegiela*, a new genus of Australian Asteraceae (Inuleae: Gnaphaliinae), with notes on the genus *Epaltis* Cass. *Muelleria* 7: 259–265.
- Siddiqi, S.F., Ahmad, F., Siddiqi, M.S., Osman, S.M. & Fenwick, G.R.** 1984. *Vernonia volkameriaefolia* seed oil—a rich source of epoxy acid. *Journal of the American Oil Chemists Society* 61: 798–800.
- Sigstad, E.E., Cuenca, M.D., Catalán, C.A.N., Gedris, T.E. & Herz, W.** 1999. Clerodanes from *Onoseris alata*. *Phytochemistry* 50: 835–838.
- Sikes, D.S. & Lewis, P.O.** 2001. PAUPRat: PAUP* Implementation of the Parsimony Ratchet, beta software version 1. Distributed by the authors, Dept. Ecology and Evolutionary Biology, University of Connecticut, Storrs.
- Silveira, D., Souza Filho, J.D., De Oliveira, A.B. & Raslan, D.S.** 2005. Lychnophoric acid from *Lychnophora pinaster*; a complete and unequivocal assignment by NMR spectroscopy. *Eletica Química (São Paulo)* 30: 37–41.
- Silvertown, J.** 2004. The ghost of competition past in the phylogeny of island endemic plants. *Journal of Ecology* 92: 168–173.
- Silvertown, J., Francisco-Ortega, J. & Carine, M.** 2005. The monophyly of island radiations: an evaluation of niche pre-emption and some alternative explanations. *Journal of Ecology* 93: 653–657.
- Simões-Pires, C.A., Queiroz, E.F., Henriques, A.T. & Hostettmann, K.** 2005. Isolation and on-line identification of anti-oxidant compounds from three *Baccharis* species by HPLC-UV-MS/MS with post-column derivatisation. *Phytochemical Analysis* 16: 307–314.
- Simpson, B.B.** 2006. *Hecastocleis* A. Gray. Pp. 71–72 in: Flora of North America Editorial Committee (eds.), *Flora of North America North of Mexico*, vol. 19, *Magnoliophyta: Asteridae*, part 6, *Asteraceae*, part 1. Oxford University Press, New York.
- Simpson, B.B. & Anderson, C.** 1978. Compositae tribe Mutisieae. Pp. 1–13 in: *North American Flora*, ser. 2, part 10, *Compositae*. New York Botanical Garden, New York.
- Simpson Vuilleumier, B.** 1970. The systematics and evolution of *Perezia* sect. *Perezia* (Compositae). *Contributions from the Gray Herbarium of Harvard University* 199: 1–163.
- Simpson Vuilleumier, B.** 1975. Pleistocene changes in the flora of the high tropical Andes. *Paleobiology* 1: 273–294.
- Skottsberg, C.** 1921. The phanerogams of the Juan Fernández Islands. Pp. 95–240 in: Skottsberg, C. (ed.), *The Natural History of the Juan Fernández and Easter Islands*, vol. 2. Almqvist & Wiksell, Uppsala.
- Skottsberg, C.** 1953. A supplement to the pteridophytes and phanerogams of Juan Fernández and Easter Island. Pp. 763–792 in: Skottsberg, C. (ed.), *The Natural History of the Juan Fernández and Easter Islands*, vol. 2, *Botany*. Almqvist & Wiksell, Uppsala.
- Skvarla, J.J.** 1977. Pollen morphology. Pp. 141–248 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 1. Academic Press, London.
- Skvarla, J.J., DeVore, M.L. & Chissoe, W.F.** 2005. Lophate sculpturing of Vernoniaceae (Compositae) pollen. *Review of Palaeobotany and Palynology* 133: 51–68.
- Skvarla, J.J. & Larson, D.A.** 1965. An electron microscopic study of pollen morphology in the Compositae with special reference to the Ambrosiinae. *Grana Palynologica* 6: 210–269.
- Skvarla, J.J., Rowley, J.R. & Chissoe, W.F.** 1988. Adaptability of scanning electron microscopy to studies of pollen morphology. *Aliso* 12: 119–175.
- Skvarla, J.J. & Turner, B.L.** 1966. Pollen wall ultrastructure and its bearing on the systematic position of *Blennosperma* and *Crocidium*. *American Journal of Botany* 53: 555–563.
- Skvarla, J.J. & Turner, B.L.** 1966. Systematic implications from electron microscopic studies of Compositae pollen—a review. *Annals of the Missouri Botanical Garden* 53: 220–256.
- Skvarla, J.J., Turner, B.L., Patel, V.C. & Tomb, A.S.** 1977. Pollen morphology in the Compositae and in morphologically related families. Pp. 141–248 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 1. Academic Press, London.
- Small, J.** 1917. The origin and development of the Compositae. *New Phytologist* 16: 157–177.
- Small, J.** 1917–1919. The origin and development of the Compositae. *New Phytologist* 16: 157–177, 198–221, 253–276; 17: 13–40, 69–94, 114–142, 200–230; 18: 1–35, 65–89, 129–176, 201–234.
- Small, J.** 1921. *A Textbook of Botany for Medical and Pharmaceutical Students*. Churchill, London.
- Small, J.** 1929. *Hydrogen-ion Concentration in Plant Cells and Tissues*. Gebrüder Borntraeger, Berlin.
- Small, J.** 1946. *pH and Plants: An Introduction to Beginners*. Baillière, Tindall and Cox, London.
- Smartt, J. & Simmonds, N.W.** 1995. (eds.) *Evolution of Crop Plants*, ed. 2. Longman Scientific and Technical, Essex.
- Smitsen, R.D. & Breitwieser, I.** 2008. Species relationships and genetic variation in the New Zealand endemic *Leucogenes*

- (Asteraceae: Gnaphalieae). *New Zealand Journal of Botany* 46: 65–76.
- Smitsen, R.D., Breitwieser, I. & Ward, J.M.** 2004. Phylogenetic implications of trans-specific chloroplast DNA sequence polymorphism in New Zealand Gnaphalieae (Asteraceae). *Plant Systematics and Evolution* 249: 37–53.
- Smitsen, R.D., Breitwieser, I. & Ward, J.M.** 2006. Genetic diversity in the New Zealand endemic species *Helichrysum lanceolatum* (Asteraceae: Gnaphalieae). *New Zealand Journal of Botany* 44: 237–247.
- Smitsen, R.D., Breitwieser, I. & Ward, J.M.** 2007. Genetic characterisation of hybridisation between the New Zealand everlastings *Helichrysum lanceolatum* and *Anaphalioides bellidoides* (Asteraceae: Gnaphalieae). *Botanical Journal of the Linnean Society* 154: 89–98.
- Smitsen, R.D., Breitwieser, I., Ward, J.M., McLenachan, P.A. & Lockhart, P.J.** 2003. Use of ISSR profiles and ITS sequences to study biogeography of alpine cushion plants in the genus *Raoulia* (Asteraceae). *Plant Systematics and Evolution* 239: 79–94.
- Smith, B.D.** 2006. Eastern North America as an independent center of plant domestication. *Proceedings of the National Academy of Sciences of the United States of America* 102: 12223–12228.
- Smith, B.N. & Turner, B.L.** 1975. Distribution of Kranz syndrome among Asteraceae. *American Journal of Botany* 62: 541–545.
- Smith, C.A.** 1966. *Common Names of South African Plants*. Botanical Survey Memoirs 35. Department of Agricultural Technical Services Government Printer, Pretoria.
- Smith, C.E.** 1971. Observations on the stengelioid species of *Vernonia*. USDA Agriculture Handbook 396. United States Department of Agriculture, Washington, D.C.
- Smith, C.R., Wilson, T.L., Melvin, E.H. & Wolff, I.A.** 1960. Dimorphelic acid—a unique hydroxydienoid fatty acid. *Journal of the American Chemical Society* 82: 1417–1421.
- Smith, E.B.** 1974. *Coreopsis nuecensis* (Compositae) and a related new species from southern Texas. *Brittonia* 26: 161–171.
- Smith, E.B.** 1975. Chromosome numbers of North American *Coreopsis* with phyletic interpretations. *Botanical Gazette* 136: 78–86.
- Smith, E.B.** 1975. The chromosome numbers of North American *Coreopsis* with phyletic interpretations. *Botanical Gazette (Crawfordsville)* 136: 78–86.
- Smith, E.B.** 1983. Transfer of *Coreopsis congregata* (Compositae: Heliantheae) to *Coreocarpus*. *Brittonia* 35: 147–149.
- Smith, E.B.** 1984. Biosystematic study and typification of the Californian *Coreopsis* (Compositae) sections *Tuckermannia*, *Pugiopappus* and *Euleptosyne*. *Sida* 10: 276–289.
- Smith, E.B.** 1989. A biosystematic study and revision of the genus *Coreocarpus* (Compositae). *Systematic Botany* 14: 448–472.
- Smith, G.L.** 1981. New taxa in *Piptocarpha* R. Br. (Vernonieae, Compositae). *Annals of the Missouri Botanical Garden* 68: 661–667.
- Smith, G.L.** 1982. Taxonomic considerations of *Piptocarpha* (Compositae, Vernonieae) and new taxa in Brazil. *Brittonia* 34: 210–218.
- Smith, G.L.** 1985. Revision of *Piptocarpha* R. Br. (Compositae, Vernonieae). *American Journal of Botany* 72: 970–970.
- Smith, G.L. & Coile, N.C.** 2007. *Piptocarpha* (Compositae: Vernonieae). *Flora Neotropica Monographs* 99: 1–94.
- Smith, G.L. & Jones, S.B.** 1987. Cytotaxonomic studies of *Piptocarpha* subgenus *Hypericoides* (Compositae, Vernonieae). *Rhodora* 89: 35–40.
- Smith, S., Balkwill, K. & Williamson, S.** 2001. Compositae on serpentine in the Barberton Greenstone Belt, South Africa. *South African Journal of Science* 97: 518–520.
- Sneath, P.H.A. & Sokal, R.R.** 1973. *Numerical Taxonomy: The Principles and Practice of Numerical Classification*. Freeman, San Francisco.
- Soares Nunes, J.M.** 1982. Estudo taxonômico das Vernonieae e Eupatoriaceae (Compositae) do Estado de Pernambuco. *Arquivos do Jardim Botânico do Rio de Janeiro* 26: 95–171.
- Soejarto, D.D.** 2002. Ethnobotany of *Stevia* and *Stevia rebaudiana*. Pp. 40–67 in: Kinghorn, A.D. (ed.), *Stevia. The Genus Stevia*. Taylor and Francis, London.
- Soejima, A., Wen, J., Zapata, M. & Dillon, M.O.** 2007. Phylogeny and putative hybridization in the subtribe Paranepheliinae (Liabeae, Asteraceae), implications for classification, biogeography, and Andean orogeny. *Journal of Systematics and Evolution* 46: 375–390.
- Sok, D.-E., Oh, S.H., Kin, Y.-B. & Kim, M.R.** 2003. Neuroprotective effect of rough aster butanol fraction against oxidative stress in the brain of mice challenged with kainic acid. *Journal of Agricultural and Food Chemistry* 51: 4570–4575.
- Sokal, R.R. & Sneath, P.H.A.** 1963. *Principles of Numerical Taxonomy*. Freeman, San Francisco.
- Sokolov, P.D. (ed.)** 1993. *Rastitel'nye resursy SSSR: cvetkovye rastenija, ich chimiceskij sostav, ispolzovanie. Semejstvo Asteraceae*. Botanicheskii Institut Imeni V.L. Komarova, St. Peterburg.
- Solbrig, O.T.** 1977. Chromosomal cytology and evolution in the family Compositae. Pp. 267–281 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 1. Academic Press, London.
- Solbrig, O.T., Kyhos, D.W., Powell, M. & Raven, P.H.** 1972. Chromosome numbers in Compositae. VIII. Heliantheae. *American Journal of Botany* 59: 869–878.
- Soltis, D.E., Albert, V.A., Salvolainen, V., Hilu, K., Qiu, Y.-L., Chase, M.W., Farris, J.S., Stefanovic, S., Rice, D.W., Palmer, J.D. & Soltis, P.S.** 2004. Genome-scale data, angiosperm relationships, and 'ending incongruence': a cautionary tale in phylogenetics. *Trends in Plant Science* 19: 477–483.
- Soltis, D.E., Gitzendanner, M.A. & Soltis, P.S.** 2007. A 567-taxon data set for angiosperms: the challenges posed by Bayesian analyses of large data sets. *International Journal of Plant Sciences* 168: 137–157.
- Soltis, D.E., Soltis, P.S. & Tate, J.A.** 2003. Advances in the study of polyploidy since plant speciation. *New Phytologist* 161: 173–191.
- Soltis, D.E., Soltis, P.S., Chase, M.W., Mort, M.E., Albach, D.C., Zanis, M., Savolainen, V., Hahn, W.H., Hoot, S.B., Fay, M.F., Axtell, M., Swensen, S.M., Prince, L.M., Kress, W.J., Nixon, K.C. & Farris, J.S.** 2000. Angiosperm phylogeny inferred from 18S rDNA, *rbcL*, and *atpB* sequences. *Botanical Journal of the Linnean Society* 133: 381–461.
- Soltis, D.E., Soltis, P.S., Pires, J.C., Kovarik, A., Tate, J.A. & Mavrodiev, E.** 2004. Recent and recurrent polyploidy in *Tagopogon* (Asteraceae): cytogenetic, genomic and genetic comparisons. *Biological Journal of the Linnean Society* 82: 485–501.
- Song Il, H., Ying Shan, J., Jae Hoon, S., Tae Hum, S. & Myeong Hyeon, W.** 2005. Composition analysis and antioxidative activity from different organs of *Aster ciliolus* Kitamura. *Korean Journal of Pharmacognosy* 36: 164–170.
- Sørensen, N.A.** 1977. Polyacetylenes and conservatism of chemical characters in the Compositae. Pp. 385–409 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 1. Academic Press, London.

- Sorensen, P.D.** 1969. Revision of the genus *Dahlia* (Compositae, Heliantheae-Coreopsidinae). *Rhodora* 71: 309–416.
- Sparg, S.G., Van Staden, J. & Jäger, A.K.** 2000. Efficiency of traditionally used South African plants against schistosomiasis. *Journal of Ethnopharmacology* 73: 209–214.
- Spilger, L.** 1942. Briefe und Briefsammlungen von Pfälzer Botanikern. *Mitteilungen des Vereins für Naturkunde und Naturschutz in der Westmark Pollichia, N.F.*, 10: 130–142.
- Spjut, R.W.** 1994. A systematic treatment of fruit types. *Memoirs of the New York Botanical Garden* 70: 1–182.
- Sprengel, K.P.J.** 1826. *Systema Vegetabilium*, ed. 16, vol. 3. Librariae Dieterichianae, Göttingen.
- Stafleu, F.A. & Cowan, R.S.** 1976. *Taxonomic Literature: A Selective Guide to Botanical Publications with Dates, Commentaries and Types*, 2nd ed., vol. 1., A–G. Regnum Vegetabile 94. Bohn, Scheltema & Holkema, Utrecht.
- Stafleu, F.A. & Cowan, R.S.** 1979. *Taxonomic Literature: A Selective Guide to Botanical Publications with Dates, Commentaries and Types*, 2nd ed., vol. 2, H–L. Regnum Vegetabile 98. Bohn, Scheltema & Holkema, Utrecht.
- Stafleu, F.A.** 1971. *Linnaeus and the Linnaeans*. Regnum Vegetabile 79. IAPT, Utrecht.
- Ståhl, B., Lewis, G.P., Klitgaard, B.B. & Carpio, P.L.** 1999. New records of *Fulcaldea* (Compositae-Barnadesieae) and the importance of local herbaria for floristic inventory in the tropics. *Compositae Newsletter* 33: 39–45.
- Standley, P.C.** 1926. Trees and shrubs of Mexico. *Contributions from the United States National Herbarium* 23: 1313–1721.
- Stangl, R. & Greger, H.** 1980. Monoterpene und Systematik der Gattung *Artemisia* (Asteraceae-Anthemideae). *Plant Systematics and Evolution* 136: 125–136.
- Stearn, W.T.** 1992. *Botanical Latin, History, Grammar Syntax, Terminology and Vocabulary*, 4th ed. David & Charles, Newton Abbot.
- Stearn, W.T.** 2004. *Botanical Latin*, ed. 4. Timber Press, Portland.
- Stebbins, G.L.** 1937. Critical notes on *Lactuca* and related genera. *Journal of Botany* 75: 12–18.
- Stebbins, G.L.** 1937. Critical notes on the genus *Ixeris*. *Journal of Botany* 75: 43–51.
- Stebbins, G.L.** 1937. The scandent species of *Prenanthes* and *Lactuca*. *Bulletin du Jardin Botanique de l'État à Bruxelles* 14: 333–352.
- Stebbins, G.L.** 1940. Studies in Cichorieae: *Dubyaea* and *Sorozeris*. Endemics of the Sino-Himalayan region. *Memoirs of the Torrey Botanical Club* 19(3): 1–76.
- Stebbins, G.L.** 1950. *Variation and Evolution in Plants*. Columbia University Press, New York.
- Stebbins, G.L.** 1953. A new classification of the tribe Cichorieae, family Compositae. *Madroño* 12: 65–81.
- Stebbins, G.L.** 1957. Self-fertilization and population variability in the higher plants. *American Naturalist* 91: 337–354.
- Stebbins, G.L.** 1958. Longevity, habitat, and release of genetic variability in the higher plants. *Cold Spring Harbor Symposia on Quantitative Biology* 23: 365–378.
- Stebbins, G.L.** 1967. Adaptive radiation and trends of evolution in higher plants. Pp. 101–142 in: Dobzhanski, T., Hecht, M.K. & Steere, W.C. (eds.), *Evolutionary Biology*, vol. 1. Appleton-Century-Crofts, New York.
- Stebbins, G.L.** 1971. Relationships between adaptive radiation, speciation and major evolutionary trends. *Taxon* 20: 3–16.
- Stebbins, G.L.** 1974. *Flowering Plants: Evolution Above the Species Level*. Edward Arnold, London; Belknap Press Harvard, Cambridge.
- Stebbins, G.L.** 1977. Developmental and comparative anatomy of the Compositae. Pp. 91–110 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*. Academic Press, London.
- Stebbins, G.L., Jenkins, J.A. & Walters, M.S.** 1953. Chromosomes and phylogeny in the Compositae, tribe Cichorieae. *University of California Publications in Botany* 26: 401–430.
- Steel, M., Dress, A.W.M. & Bocker, S.** 2000. Simple but fundamental limitations on supertree and consensus tree methods. *Systematic Biology* 49: 363–368.
- Steetz, J.** 1864. Crystallopollen and Ambassa. Pp. 363–364 in: Peters, W.C. (ed.), *Naturwissenschaftliche Reise nach Mossambique auf Befehl seiner Majestät des Königs Friedrich Wilhelm IV.* Georg Reiner, Berlin.
- Sterk, A.A.** 1987. *Paardebloemen—planten zonder vader*. Koninklijke Nederlandse Natuurhistorisch Vereniging, Zeist.
- Stevens, P.F.** 2001 onwards. *Angiosperm Phylogeny Website*, version 8, June 2007 (updated 02/24/2008). <http://www.mobot.org/MOBOT/research/APweb>.
- Stireman, J.O. III, Nason, J.D., Heard, S.B.** 2005. Host-associated genetic differentiation in phytophagous insects: general phenomenon or isolated exceptions? Evidence from a goldenrod-insect community. *Evolution* 59: 2573–2578.
- Stireman, J.O. III, Nason, J.D., Heard, S.B. & Seehawer, J.M.** 2005. Cascading host-associated genetic differentiation in parasitoid of phytophagous insects. *Proceedings of the Royal Society of London B Biological Sciences* 273: 523–530.
- Stix, E.** 1960. Pollenmorphologische Untersuchungen an Compositen. *Grana Palynologica* 2: 41–104.
- Stone, G.N. & Schönrogge, K.** 2003. The adaptive significance of insect gall morphology. *Trends in Ecology and Evolution* 18: 512–522.
- Strebel, N.** 1955. Die Gebrüder Schultz, zwei berühmte Botaniker. *Zweibrückner Monatshefte* 2(7): 9–10.
- Strother, J.L.** 1977. Tageteae—systematic review. Pp. 769–783 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 2. Academic Press, London.
- Strother, J.L.** 1986. Renovation of *Dyssodia* (Compositae: Tageteae). *Sida* 11: 371–378.
- Strother, J.L.** 1991. Taxonomy of *Complaya*, *Elaphandra*, *Iogeton*, *Jefea*, *Wamalchitamia*, *Wedelia*, *Zexmenia* and *Zyzyxia* (Compositae—Heliantheae-Ecliptinae). *Systematic Botany Monographs* 33: i–ii, 1–111.
- Strother, J.L.** 1994. [Review of *Asteraceae: Cladistics & Classification* by K. Bremer]. *Taxon* 43: 685–687.
- Strother, J.L.** 2000. *Hedosyne* (Compositae, Ambrosiinae), a new genus for *Iva ambrosiifolia*. *Madroño* 47: 204–205.
- Strother, J.L.** 2006. *Thelesperma*. Pp. 199–203 in: Flora of North America Editorial Committee (eds.), *Flora of North America North of Mexico*, vol. 21. Oxford University Press, New York.
- Strother, J.L. & Baldwin, B.G.** 2002. Hymenocleas are ambrosias (Compositae). *Madroño* 49: 143–144.
- Strother, J.L. & Pilz, G.** 1975. Taxonomy of *Psathyrotes* (Compositae: Senecioneae). *Madroño* 23: 24–40.
- Strother, J.L., Watson, L.E. & Panero, J.L.** 1996. Documented chromosome numbers 1996. 3. Chromosome numbers in some South African Compositae. *Sida* 17: 265–268.
- Strother, J.L. & Weedon, R.R.** 2006. *Bidens*. Pp. 205–218 in: Flora of North America Editorial Committee (eds.), *Flora of North America North of Mexico*, vol. 21. Oxford University Press, New York.
- Stuessy, T.F.** 1975. A revision of the genus *Moonia* (Compositae, Heliantheae, Coreopsidinae). *Brittonia* 27: 97–102.

- Stuessy, T.F.** 1977. Heliantheae—systematic review. Pp. 621–671 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 2. Academic Press, London.
- Stuessy, T.F.** 1977. Revision of *Oparanthus* (Compositae, Heliantheae, Coreopsidinae). *Fieldiana Botany* 38: 63–70.
- Stuessy, T.F.** 1988. Generic relationships of *Oparanthus* and *Petrobium*, especially with reference to *Bidens* (Compositae, Heliantheae, Coreopsidinae). *Brittonia* 40: 195–199.
- Stuessy, T.F. & Crawford, D.J.** 1983. Flavonoids and phylogenetic reconstruction. *Plant Systematics and Evolution* 143: 83–107.
- Stuessy, T.F. & Crawford, D.J.** 1998. Chromosomal stasis during speciation in angiosperms of oceanic islands. Pp. 307–324 in: Stuessy, T.F. & Ono, M. (eds.), *Evolution and Speciation of Island Plants*. Cambridge University Press, Cambridge.
- Stuessy, T.F. & Garver, D.J.** 1996. The defensive role of pappus in heads of Compositae. Pp. 81–91 in: Caligari, P.S.D. & Hind, D.J.N. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 2, *Compositae: Biology and Utilization*. Royal Botanic Gardens, Kew.
- Stuessy, T.F., Jakabowsky, G., Salguero Gómez, R., Pfosser, M., Schulter, P.M., Fer, T., Sun, B.-Y. & Kato, H.** 2006. Anagenetic evolution in island plants. *Journal of Biogeography* 33: 1259–1265.
- Stuessy, T.F. & Sagástegui A., A.** 1993. Revisión de *Arnaldoa* (Compositae, Barnadesioideae), género endémico del norte de Peru. *Arnaldoa* 1(4): 9–21.
- Stuessy, T.F., Sang, T. & DeVore, M.L.** 1996. Phylogeny and biogeography of the subfamily Barnadesioideae with implications for early evolution of the Compositae. Pp. 463–490 in: Hind, D.J.N. & Beentje, H.J. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Stuessy, T.F. & Spooner, D.M.** 1988. The adaptive and phylogenetic significance of receptacular bracts in the Compositae. *Taxon* 37: 114–126.
- Stuessy, T.F. & Urtubey, E.** 2006. Phylogenetic implications of corolla morphology in subfamily Barnadesioideae (Asteraceae). *Flora* 201: 340–352.
- Stutts, J.G.** 1981. Taxonomic revision of *Pollalesta* HBK (Compositae, Vernoniaeae). *Rhodora* 83: 385–419.
- Stutts, J.G.** 1988. Taxonomic revision of *Vernonia* subsect. *Chamaedrys* (Compositae, Vernoniaeae). *Rhodora* 90: 37–99.
- Stutts, J.G. & Muir, M.A.** 1981. Taxonomic revision of *Piptocomma* Cass. (Compositae, Vernoniaeae). *Rhodora* 83: 77–86.
- Suc, J.-P.** 1984. Origin and evolution of the Mediterranean vegetation and climate in Europe. *Nature* 307: 429–432.
- Sugimoto, S.** 1957. Variation of *Ainsliaea apiculata* Sch.Bip. *Journal of Japanese Botany* 32: 62–64.
- Suh, Y. & Simpson, B.B.** 1990. Phylogenetic analysis of chloroplast DNA in North American *Gutierrezia* and related genera (Asteraceae: Astereae). *Systematic Botany* 15: 660–670.
- Sullivan, D.J., Jr., Gluzman, I.Y., Russell, D.G. & Goldberg, D.E.** 1996. On the molecular mechanism of chloroquine's antimalarial action. *Proceedings of the National Academy of Sciences of the United States of America* 93: 11865–11870.
- Sultana, N. & Afolayan, A.J.** 2003. Bioactive sesquiterpene lactones isolated from the shoots of *Arctotis arctotooides*. *South African Journal of Botany* 69: 158–160.
- Summerford, D.V., Abrahamson, W.G. & Weis, A.E.** 2000. The effects of drought on the *Solidago altissima*-*Eurosta solidaginis*-natural enemy complex: population dynamics, local extirpations, and measures of selection intensity on gall size. *Oecologia* 122: 240–248.
- Sun, M. & Ganders, F.R.** 1986. Female frequencies in gynodioecious populations correlated with selfing rates in hermaphrodites. *American Journal of Botany* 73: 1645–1648.
- Sun, M. & Ganders, F.R.** 1988. Mixed mating systems in Hawaiian *Bidens* (Asteraceae). *Evolution* 42: 516–527.
- Sundberg, S., Cowan, C.P. & Turner, B.L.** 1986. Chromosome counts of Latin American Compositae. *American Journal of Botany* 73: 33–38.
- Sundberg, S. & Dillon, M.O.** 1986. Chromosome Reports. *Taxon* 35: 409–410.
- Susanna, A.** 1988. *Femeniasia*, novus genus Carduearum. *Collectanea Botanica, Barcelona* 17: 83–88.
- Susanna, A. & Garcia-Jacas, N.** 2007 [2006]. Tribe Cardueae. Pp. 123–146 in: Kadereit, J.W. & Jeffrey, C. (eds.), *The Families and Genera of Vascular Plants*, vol. 8, *Flowering Plants. Eudicots. Asterales*. Springer, Berlin.
- Susanna, A., Garcia-Jacas, N., Hidalgo, O., Vilatersana, R. & Garnatje, T.** 2006. The Cardueae (Compositae) revisited: insights from ITS, *trnL-trnF*, and *matK* nuclear and chloroplast DNA analysis. *Annals of the Missouri Botanical Garden* 93: 150–171.
- Susanna, A., Garcia-Jacas, N., Soltis, D.E. & Soltis, P.S.** 1995. Phylogenetic relationships in tribe Cardueae (Asteraceae) based on ITS sequences. *American Journal of Botany* 82: 1056–1068.
- Susanna, A., Garnatje, T. & Garcia-Jacas, N.** 1999. Molecular phylogeny of *Cheirolophus* (Asteraceae: Cardueae-Centaureinae) based on ITS sequences of nuclear ribosomal DNA. *Plant Systematics and Evolution* 214: 147–160.
- Swanson, C.L., Buchanan, R.A. & Otey, F.H.** 1979. Molecular weights of natural rubbers from selected temperate zone plants. *Journal of Applied Polymer Science* 23: 743–748.
- Swenson, U. & Bremer, K.** 1997. Patterns of floral evolution of four Asteraceae genera (Senecioneae, Blennospermatinae) and the origin of white flowers in New Zealand. *Systematic Biology* 46: 407–425.
- Swenson, U. & Bremer, K.** 1999. On the circumscription of the Blennospermatinae (Asteraceae, Senecioneae) based on *ndhF* sequence data. *Taxon* 48: 7–14.
- Swenson, U. & Manns, U.** 2003. Phylogeny of *Pericallis* (Asteraceae): a total evidence approach reappraising the double origin of woodiness. *Taxon* 52: 533–546.
- Swenson, U., Stuessy, T.F., Baeza, M. & Crawford, D.J.** 1997. New and historical plant introductions and potential pests in the Juan Fernández Islands. *Pacific Science* 51: 233–253.
- Swofford, D.L.** 2002. *PAUP*, Phylogenetic Analysis Using Parsimony (*and Other Methods)*, vers. 4.x. Sinauer, Sunderland.
- Synge, P.M.** 1956. *The Royal Horticultural Society Dictionary of Gardening. A Practical and Scientific Encyclopaedia of Horticulture*, ed. 2, vol. 1. Clarendon Press, Oxford.
- Takaki, M. & Gama, L.H.P.** 1998. The role of the seed coat in phytochrome-controlled seed germination in *Lactuca sativa* L. cv. Grand Rapids. *Seed Science Technology* 26: 355–362.
- Takhtajan, A.L.** 1966. *A System and Phylogeny of Flowering Plants*. Nauka, Moscow and Leningrad. [In Russian]
- Takhtajan, A.L.** 1969. *Flowering Plants: Origin and Dispersal*. Oliver & Boyd, Edinburgh and London.
- Takhtajan, A.L.** 1986. *Floristic Regions of the World*. University of California Press, Berkeley.
- Takhtajan, A.L.** 1997. *Diversity and Classification of Flowering Plants*. Columbia University Press, New York.
- Takhtajan, A.L.** 2001. *Principia Tectologica. Principles of the Orga-*

- nization and Transformation of Complex Systems: An Evolutionary Approach, ed. 2, revised and augmented. SPKHPA, St. Petersburg. [In Russian]
- Tamanshian, S.G.** 1956. On the question of the origin of the pappus (parachute) in the Aster family (Compositae). *Botanicheskii Zhurnal* 42: 634–651. [In Russian]
- Tamura, K. & Nei, M.** 1993. Estimation of the number of nucleotide substitutions in the control region of mitochondrial DNA in humans and chimpanzees. *Molecular Biology and Evolution* 10: 512–526.
- Tara, M.** 1989. Relationships between genomic constitutions and pappus lengths in the natural intergeneric F₁ hybrid of *Aster ageratoides* subsp. *ovatus* × *Kalimeris incisa* and its descendants. *Bulletin of the School of Education, Okayama University* 82: 139–166.
- Taylor, D.W.** 1991. Paleobiogeographic relationships of Andean angiosperms of Cretaceous to Pliocene age. *Palaeogeography, Palaeoclimatology, Palaeoecology* 88: 69–84.
- Teeri, T.H., Elomaa, P., Kotilainen, M. & Albert, V.A.** 2006. Mining plant diversity: *Gerbera* as a model system for plant developmental and biosynthetic research. *BioEssays* 28: 756–767.
- Tegel, F.** 2002. *Die Testae der Lactuceae (Asteraceae) – ihre Diversität und systematische Bedeutung*. Ph.D. Thesis, University of Munich, Munich. [<http://edoc.ub.uni-muenchen.de/archive/00000104/>]
- Teixeira da Silva, J.A.** 2004. Mining the essential oils of the Anthemideae. *African Journal of Biotechnology* 3: 706–720.
- Teixeira da Silva, J.A., Yonekura, L., Kaganda, J., Mookdasanit, J., Nhut, D.T. & Afach, G.** 2004. Important secondary metabolites and essential oils of species within the Anthemideae (Asteraceae). *Journal of Herbs, Spices & Medicinal Plants* 11: 1–45.
- Tellería, M.C.** 2008. Taxonomic significance of pollen types in the Guyana Highland-centred composite genera of Mutisioideae (Asteraceae). *Botanical Journal of the Linnean Society* 156: 327–340.
- Tellería, M.C. & Forcone, A.** 2002. Morfología del polen de las mieles del valle de Río Negro, valle inferior del río Chubut y llanura del río Senguerr (Patagonia Argentina). *Boletín de la Sociedad Argentina de Botánica* 37: 235–250.
- Tellería, M.C. & Katinas, L.** 2004. A comparative palynologic study of *Chaetanthera* (Asteraceae, Mutisieae) and allied genera. *Systematic Botany* 29: 752–773.
- Tellería, M.C. & Katinas, L.** 2005. The unusual occurrence of tricolpate pollen within Mutisieae (Asteraceae). *Grana* 44: 91–97.
- Tellería, M.C., Urtubey, E. & Katinas, L.** 2003. *Proustia* and *Lophopappus* (Asteraceae, Mutisieae): generic and subtribal relationships based on pollen morphology. *Review of Palaeobotany and Palynology* 123: 237–246.
- Thames, S.F.** 1988. Agriculture products—their value to the polymer industry. Guayule Rubber Society, Proc. 8th Annual Conference, Mesa.
- Thanikaimoni, G.** 1977. Appendix: Principal works on the pollen morphology of the Compositae. Pp. 249–265 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*. Academic Press, London.
- Thiele, E.-M.** 1988. *Bau und Funktion des Antheren-Griffel-Komplexes der Compositen*. Dissertationes Botanicae 117. J. Cramer, Stuttgart.
- Thomas, D.S.G., Sporton, D. & Perkins, J.** 2000. The environmental impact of livestock ranches in the Kalahari, Botswana: natural resource use, ecological change and human response in a dynamic dryland system. *Land Degradation and Development* 11: 327–341.
- Thompson, A.E.** 1990. Arid-land industrial crops. Pp. 232–241 in Janick, J.J. & Simon, J.E. (eds.), *Advances in New Crops*. Timber Press, Portland.
- Thompson, S.L. & Ritland, K.** 2006. A novel mating system analysis for modes of self-oriented mating applied to diploid and polyploid arctic Easter daisies (*Townsendia hookeri*). *Heredity* 97: 119–126.
- Thompson, S.L. & Whitton, J.** 2006. Patterns of recurrent evolution and geographic parthenogenesis within apomictic polyploid Easter daisies (*Townsendia hookeri*). *Molecular Ecology* 15: 3389–3400.
- Thomson, C.J., Revell, C.K., Turner, N.C., Ewing, M.A. & Le Coultre, I.F.** 1998. Influence of rotation and time of germinating rains on the productivity and composition of annual pastures in Western Australia. *Australian Journal of Agricultural Research* 49: 225–232.
- Thorne, R.F.** 1976. A phylogenetic classification of the Angiospermae. *Evolutionary Biology* 9: 35–106.
- Thorne, R.F.** 2000. The classification and geography of the flowering plants: dicotyledons of the class Angiospermae (subclass Magnoliidae, Ranunculidae, Caryophyllidae, Dilleniidae, Rosidae, Asteridae, and Lamiidae). *Botanical Review* 66: 441–647.
- Thorne, R.F.** [s.d.]. *An Updated Classification of the Class Magnoliopsida (“Angiospermae”)*. <http://rsabg.org/angiosperms/angiosperms.pdf>.
- Thulin, M.** 2001. *Pentzia* (Asteraceae–Anthemideae) in the Horn of Africa region. *Nordic Journal of Botany* 21: 249–252.
- Thunberg, C.P.** 1800. *Prodrum Plantarum Capensium*. Edman, Upsala.
- Tidestrom, I.** 1925. Flora of Utah and Nevada. *Contributions from the United States National Herbarium* 25: 1–665.
- Tieghem, P. van.** 1872. Mémoire sur les canaux sécréteurs des plantes. *Annales des Sciences Naturelles, Botanique*, ser. 5, 16: 96–201.
- Tieghem, P. van.** 1885. Second mémoire sur les canaux sécréteurs des plantes. *Annales des Sciences Naturelles, Botanique*, ser. 7, 1: 5–96.
- Tiffney, B.H.** 1985. The Eocene North Atlantic land bridge: its importance in Tertiary and modern phytogeography of the Northern Hemisphere. *Journal of the Arnold Arboretum* 66: 243–273.
- Tira, S., Galeffi, C. & Di Modica, G.** 1970. Flavonoids of *Leontopodium alpinum*. *Experientia* 26: 1192.
- Tjitrosoedirdjo, S.S.** 2002. Four new taxa of Asteraceae in Sumatra. *Reinwardtia* 12: 125–128.
- Tobe, H. & Morin, N.R.** 1996. Embryology and circumscription of Campanulaceae and Campanulales: a review of the literature. *International Journal of Plant Research* 109: 425–435.
- Tomb, A.S.** 1977. Lactuceae—systematic review. Pp. 1067–1079 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*. Academic Press, London.
- Tomb, A.S., Chambers, K.L., Kyhos, D.W., Powell, A.M. & Raven, P.H.** 1978. Chromosome numbers in the Compositae. XIV. Lactuceae. *American Journal of Botany* 65: 717–721.
- Tooker, J.F., Crumrin, A.L. & Hanks, L.M.** 2005. Plant volatiles are behavioral cues for adult females of the gall wasp *Antistrophus rufus*. *Chemoecology* 15: 85–88.
- Tooker, J.F. & Hanks, L.M.** 2004. Endophytic insect communities of two prairie perennials (Asteraceae: *Silphium* spp.). *Biodiversity and Conservation* 13: 2551–2566.

- Tooker, J.F. & Hanks, L.M.** 2006. Tritrophic interactions and reproductive fitness of the prairie perennial *Silphium laciniatum* Gillette (Asteraceae). *Environmental Entomology* 35: 537–545.
- Torices, R., Méndez, M.R. & Gómez, J.M.** 2006. Evolution of breeding systems in Asteraceae. In: Anonymous (ed.), *The International Compositae Alliance (TICA – Deep Achene)*, Barcelona, July 2006, Abstracts. Barcelona.
- Tormo, M.R. & Uberta, J.L.** 1990. Taxonomía numérica y palinología de la tribu Cardueae Cass. (Compositae) en la Península Ibérica. Pp. 279–286 in: Blanca, G., Díaz de la Guardia, C., Fernández, M.C., Garrido, M., Rodríguez-García, M.I. & Romero, A.T. (eds.), *Polen, Esporas y sus Aplicaciones. VII Simposio de Palinología*. Granada.
- Tormo, M.R. & Uberta, J.L.** 1990. The apertural system of pollen grains in the Anthemideae and Cardueae (Compositae) with special reference to the mesoaperture. *Review of Palaeobotany and Palynology* 62: 1–9.
- Tormo, M.R. & Uberta, J.L.** 1995. Tipos polínicos de la tribu Cardueae en la Península Ibérica. *Monografías del Jardín Botánico de Córdoba* 2: 5–52.
- Torrell, M., Cerbah, M., Siljak-Yakovlev, S. & Vallès, J.** 2003. Molecular cytogenetics of the genus *Artemisia* (Asteraceae, Anthemideae): fluorochrome banding and fluorescence *in situ* hybridization. I. Subgenus *Seriphidium* and related taxa. *Plant Systematics and Evolution* 239: 141–153.
- Torrell, M., Garcia-Jacas, N., Susanna, A. & Vallès, J.** 1999. Phylogeny in *Artemisia* (Asteraceae, Anthemideae) inferred from nuclear ribosomal DNA (ITS) sequences. *Taxon* 48: 721–736.
- Torres, C.** 2000. Pollen size evolution: correlation between pollen volume and pistil length in Asteraceae. *Sexual Plant Reproduction* 12: 365–370.
- Torres, C. & Galetto, L.** 2002. Are nectar sugar composition and corolla tube length related to the diversity of insects that visit Asteraceae flowers? *Plant Biology* 4: 360–366.
- Torres, R., Gaviria, F.J. & Peraza, J.** 1996. Anatomía foliar de *Oritrophium* (H.B.K.) Cuatrec. del páramo de Sierra Nevada, Estación Loma Redonda. *Plántula* 1: 65–73.
- Tournefort, J.P. de.** 1700. *Institutiones Rei Herbariae*, 3 vols. Typographia Regia, Paris.
- Tournefort, J.P. de.** 1694. *Éléments de Botanique*, 3 vols. Imprimerie Royale, Paris.
- Tremetsberger, K., Weiss-Schneeweiss, H., Stuessy, T., Samuel, R., Kadlec, G., Ortiz, M.A. & Talavera, S.** 2005. Nuclear ribosomal DNA and karyotypes indicate a NW African origin of South American *Hypochaeris* (Asteraceae, Cichorieae). *Molecular Phylogenetics and Evolution* 35: 102–116.
- Trendafilova, A., Todorova, M. & Bancheva, S.** 2007. Secondary metabolites from *Centaurea moesiaca*. *Biochemical Systematics and Ecology* 35: 544–548.
- Tuisl, G.** 1968. Der Verwandtschaftskreis der Gattung *Lactuca* L. im iranischen Hochland und seinen Randgebieten. *Annalen des Naturhistorischen Museums Wien* 72: 587–638.
- Turner, B.L.** 1970. Chromosome numbers in the Compositae. XII. Australian species. *American Journal of Botany* 57: 382–389.
- Turner, B.L.** 1977. Fossil history and geography. Pp. 19–39 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 1. Academic Press, London.
- Turner, B.L.** 1977. *Henricksonia* (Asteraceae–Coreopsidinae), a newly discovered genus with paleaceous pappus from north-central Mexico. *American Journal of Botany* 64: 78–80.
- Turner, B.L.** 1981. New species and combinations in *Vernonia* sections *Leiboldia* and *Lepidonia* (Asteraceae), with a revisional conspectus of the groups. *Brittonia* 33: 401–412.
- Turner, B.L.** 1988. Taxonomic study of *Chrysanthellum* (Asteraceae, Coreopsidae). *Phytologia* 64: 410–444.
- Turner, B.L.** 1989. Revisionary treatment of the genus *Sinclairia*, including *Liabellum* (Asteraceae, Liabeae). *Phytologia* 67: 168–206.
- Turner, B.L.** 1993. *Berylsimpsonia* (Asteraceae: Mutisieae), a new genus of the Greater Antilles. *Phytologia* 74: 349–355.
- Turner, B.L.** 2007. The Comps of Mexico, Chapter 8, Liabeae and Vernonieae. *Phytologia Memoirs* 12: 1–144.
- Turner, B.L., Bacon, J., Urbatsch, L.E. & Simpson, B.** 1979. Chromosome numbers in South American Compositae. *American Journal of Botany* 66: 173–178.
- Turner, B.L., Ellis, W.L. & King, R.M.** 1961. Chromosome numbers in the Compositae 4. *American Journal of Botany* 48: 216–223.
- Turner, B.L. & Lewis, W.H.** 1965. Chromosome numbers in the Compositae. IX. African species. *Journal of South African Botany* 31: 207–217.
- Turner, B.L. & Powell, A.M.** 1977. Helenieae—systematic review. Pp. 699–737 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 2. Academic Press, London.
- Turner, B.L., Powell, A.M. & Cuatrecasas, J.** 1967. Chromosome numbers in Compositae. XI. Peruvian species. *Annals of the Missouri Botanical Garden* 54: 172–177.
- Tzvelev, N.N.** 1990. Notae de Asteraceis nonnullis partis Europaeae URSS. *Novosti Sistematiki Vysshikh Rastenii* 27: 145–152.
- Tzvelev, N.N.** 1994. Notes about some members of Asteraceae and Araceae families from Caucasus Mountains. *Byulleten' Moskovskogo Obshchestva Ispytatelei Prirody, Otdel Biologicheskii* 98: 105.
- Tzvelev, N.N.** 2007. Novye taksony i novye kombinacii taksonov slozhnocvetnykh (Asteraceae) iz central'noy Azii. *Botanicheskii Zhurnal* 92: 1747–1757.
- Uitz, H.** 1970. *Cytologische und bestäubungsexperimentelle Beiträge zur Verwandtschaft und Evolution der Anthemideae (Asteraceae)*. Ph.D. Thesis, Karl-Franzens-University, Graz.
- Ulloa, U.C., Jørgensen, P.M. & Dillon, M.O.** 2002. *Arnaldoa argentea* (Barnadesioideae; Asteraceae), a new species and a new generic record for Ecuador. *Novon* 12: 415–419.
- Uniyal, B.P.** 1995. Tribe 12. Vernonieae. P. 411 in: Haira, P.K., Rao, R.R., Singh, F.K. & Uniyal, B.P. (eds.), *Flora of India*, vol. 13. Botanical Survey of India, Calcutta.
- Uphof, J.C.T.** 1968. *Dictionary of Economic Plants*. J. Cramer Publishing, Würzburg.
- Urban, Z.** 1973. The autoecious species of *Puccinia* on Vernonieae in North America. *Acta Universitatis Carolinae Biologica* 1971: 1–84.
- Urbatsch, L.E.** 1972. Systematic study of the Altissimae and Giganteae species groups of the genus *Vernonia* (Compositae). *Brittonia* 24: 229–238.
- Urbatsch, L.E.** 1989. *Vernonia proctorii* (Asteraceae, Vernonieae), a new species from Puerto Rico. *Systematic Botany* 14: 589–592.
- Urbatsch, L.E., Baldwin, B.G. & Donoghue, M.J.** 2000. Phylogeny of the coneflowers and relatives (Heliantheae: Asteraceae) based on nuclear rDNA internal transcribed spacer (ITS) sequences and chloroplast DNA restriction site data. *Systematic Botany* 25: 539–565.
- Urbatsch, L.E. & Roberts, R.P.** 2004. *Cuniculotinus* and *Lorandersonia*, two new genera of Asteraceae: Astereae and new combinations *Chrysothamnus*. *Sida* 21: 1615–1632.

- Urbatsch, L.E. & Roberts, R.P.** 2004. New combinations in the genus *Gundlachia* and four new genera of Asteraceae (Asteraceae) from northern Mexico and the southern United States. *Sida* 21: 243–257.
- Urbatsch, L.E., Roberts, R.P. & Karaman, V.** 2003. Phylogenetic evaluation of *Xylothamia*, *Gundlachia*, and related genera (Asteraceae, Astereae) based on ETS and ITS nrDNA sequence data. *American Journal of Botany* 90: 634–649.
- Urtubey, E.** 1997. Morfología del polen de *Barnadesia* (Asteraceae, Barnadesioideae). *Boletín de la Sociedad Argentina de Botánica* 33: 69–75.
- Urtubey, E.** 1999. Revisión del género *Barnadesia* (Asteraceae, Barnadesioideae, Barnadesieae). *Annals of the Missouri Botanical Garden* 86: 57–117.
- Urtubey, E. & Stuessy, T.F.** 2001. New hypotheses of phylogenetic relationships in Barnadesioideae (Asteraceae) based on morphology. *Taxon* 50: 1043–1066.
- Urtubey, E. & Tellería, M.C.** 1998. Pollen morphology of the subfamily Barnadesioideae (Asteraceae) and its phylogenetic and taxonomic significance. *Review of Palaeobotany and Palynology* 104: 19–37.
- Vaillant, S.** 1718. *Sermo de Structura Florum*. Petrum van der Aa, Leiden.
- Vaillant, S.** 1719–1725. Établissement de nouveaux caractères de trois Familles ou Classes de Plantes à Fleurs composées; sçavoir, des Cynarocéphales, des Corymbifères, et des Cichoracées. *Histoire de l'Académie Royale des Sciences avec les Mémoires de Mathématique & de Physique* 1718: 143–191, t. 5, 6. 1719: 277–318, t. 20. 1721: 1720: 277–339, t. 9. 1722: 1721: 174–224, t. 7, 8. 1725.
- Vaillant, S.** 1727. *Botanicon Parisiense*. Verbeek & Lakeman, Leiden & Amsterdam.
- Valadon, L.R.G.** 1977. Arctoteae and Calenduleae—chemical review. Pp. 989–998 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 2. Academic Press, London.
- Valdebenito, H., Stuessy, T.F. & Crawford, D.J.** 1992. Evolution of *Erigeron* (Compositae) in the Juan Fernández Islands, Chile. *Systematic Botany* 17: 470–480.
- Valdés, D.A., Bardon, A., Catalán, C.A.N., Gedris, T.E. & Herz, W.** 1998. Glaucolides, piptocarphins and cadinanolides from *Lepidaploa remotiflora*. *Biochemical Systematics and Ecology* 26: 685–689.
- Valdés, D.A., Bardon, A., Catalán, C.A.N., Gedris, T.E. & Herz, W.** 1998. Goyazensolidos and isogoyazensolidos from Argentine *Centratherum punctatum* ssp. *punctatum*. *Biochemical Systematics and Ecology* 26: 805–808.
- Vallès, J. & Siljak-Yakovlev, S.** 1997. Cytogenetic studies in the genus *Artemisia* L.: fluorochrome banded karyotypes of five taxa, including the Iberian endemic species *A. barrelieri* Besser. *Canadian Journal of Botany* 75: 595–606.
- Vallès, J., Torrell, M., Garnatje, T., Garcia-Jacas, N., Vilatersana, R. & Susanna, A.** 2003. The genus *Artemisia* and its allies: phylogeny of the subtribe Artemisiinae (Asteraceae, Anthemideae) based on nucleotide sequences of nuclear ribosomal DNA internal transcribed spacers (ITS). *Plant Biology* 5: 274–284.
- Van Beek, T.A., Maas, P., King, B.M., Leclercq, E., Voragen, A.G.J. & De Groot, A.** 1990. Bitter sesquiterpene lactones from chicory roots. *Journal of Agricultural and Food Chemistry* 36: 1035–1038.
- Van Campo, M.** 1966. Pollen et phylogénie. Les bréviaxes. *Pollen et Spores* 8: 57–73.
- Van Campo, M.** 1976. Patterns of morphological variation within taxa. Pp. 125–138 in: Ferguson, I. & Muller, J. (eds.), *The Evolutionary Significance of the Exine*. Academic Press, London.
- Van Dam, J.A.** 2006. Geographic and temporal patterns in the late Neogene (12–3 Ma) aridification of Europe: the use of small mammals as paleoprecipitation proxies. *Palaeogeography, Palaeoclimatology, Palaeoecology* 238: 190–218.
- Van Houten, W.H.J., Scarlett, N. & Bachmann, K.** 1993. Nuclear DNA markers of the Australian tetraploid *Microseris scapigera* and its North American diploid relatives. *Theoretical and Applied Genetics* 87: 498–505.
- Van Laere, A. & Van den Ende, W.** 2002. Inulin metabolism in dicots: chicory as a model system. *Plant, Cell and Environment* 25: 803–813.
- Van Soest, L.J.M.** 1990. Introduction and breeding of new oil crops. Pp. 36–44 in: De Bont, J.A.M. (ed.), *Biotechnology and Fatty Acids: New Perspectives for Agricultural Production? Proceedings of a Discussion Meeting, Wageningen, the Netherlands, 1989*. Pudoc, Wageningen.
- Van Wyk, B.-E. & Gericke, N.** 2000. *People's Plants: A Guide to Useful Plants of Southern Africa*. Briza Publications, Pretoria.
- VanGessel, M.J.** 2001. Glyphosate-resistant horseweed from Delaware. *Weed Science* 49: 703–705.
- Vavilov, N.I.** 1951. *The Origin, Variation, Immunity, and Breeding of Cultivated Plants*. Chronica Botanica Co., Waltham. [Translated from the Russian by K.S. Chester]
- Veldkamp, J.F.** 1992. Notes on Australian Coreopsidinae (Compositae). *Austrobaileya* 3: 741–744.
- Veldkamp, J.F. & Kreffer, L.A.** 1991. Notes on Southeast Asian and Australian Coreopsidinae (Asteraceae). *Blumea* 35: 459–482.
- Venable, D.L. & Burquez, A.** 1989. Quantitative genetics of size, shape, life history, and fruit characteristics of the seed-heteromorphic composite *Heterosperma pinnatum*. I. Variation within and among populations. *Evolution* 43: 113–124.
- Venable, D.L. & Levin, D.A.** 1985. Ecology of achene dimorphism in *Heterotheca latifolia*. *Journal of Ecology* 73: 133–145.
- Verdi, L.G., Brighente, I.M.C. & Pizzolatti, M.G.** 2005. Género *Baccharis* (Asteraceae): aspectos químicos, económicos e biológicos. *Química Nova* 28: 85–94.
- Vestal, P.A. & Schultes, R.E.** 1939. *The Economic Botany of the Kiowa Indians*. Botanical Museum of Harvard University, Cambridge.
- Vetter, S., Lambrou, M., Franz, C.H. & Ehrendorfer, F. & Saukel, J.** 1996. Chromosome numbers of experimental tetraploid hybrids and selfpollinated progenies within the *Achillea millefolium* complex (Compositae). *Caryologia* 49: 227–231.
- Vetter, S., Lambrou, M., Franz, C.H. & Ehrendorfer, F.** 1996. Cytogenetics of experimental hybrids within the *Achillea millefolium* complex (yarrow). *Caryologia* 49: 1–12.
- Vezey, E.L., Watson, L.E., Skvarla, J.J. & Estes, J.R.** 1994. Plesiomorphic and apomorphic pollen structure characteristics of Anthemideae (Asteroideae: Asteraceae). *American Journal of Botany* 81: 648–657.
- Viana, B.F. & Kleinert, A.M.P.** 2006. Structure of bee-flower system in the coastal sand dune of Abaeta, northeastern Brazil. *Revista Brasileira de Entomologia* 50: 53–63.
- Vichnewski, W., Skrochy, C.A., Maria, A., Nasi, T.T., Lopes, J.L.C. & Herz, W.** 1999. 15-hydroxyeremantholide B and derivatives from *Eremanthus arboreus*. *Phytochemistry* 50: 317–320.
- Victor, J.E. & Dold, A.P.** 2003. Threatened plants of the Albany Centre of Floristic Endemism, South Africa. *South African Journal of Science* 99: 437–446.

- Vieira, P.C., Himejima, M. & Kubo, I.** 1991. Sesquiterpenoids from *Brachylaena hutchinsii*. *Journal of Natural Products* 54: 416–420.
- Vilatersana, R., Martín Villodre, J., Susanna, A., Garcia-Jacas, N. & Garnatje, T.** 2001. Pollen studies in subtribe Centaureinae (Asteraceae): the *Carthamus* complex and the genus *Aegialophila* analyzed with electron microscopy. *Plant Biology* 3: 607–615.
- Vilatersana, R., Susanna, A., Garcia-Jacas, N. & Garnatje, T.** 2000. Generic delimitation and phylogeny of the *Carduncellus-Carthamus* complex (Asteraceae) based on ITS sequences. *Plant Systematics and Evolution* 221: 89–105.
- Vilatersana, R., Susanna, A., Garcia-Jacas, N. & Garnatje, T.** 2000. Karyology, generic delineation and dysploidy in the genera *Carduncellus*, *Carthamus* and *Phonus* (Asteraceae). *Botanical Journal of the Linnean Society* 134: 425–438.
- Vincent, P.L.D.** 1996. Progress on clarifying the generic concept of *Senecio* based on an extensive world-wide sample of taxa. Pp. 597–611 in: Hind, D.J.N. & Beentje, H.J. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Vincent, P.L.D. & Getliffe, F.M.** 1988. The endothecium in *Senecio* (Asteraceae). *Botanical Journal of the Linnean Society* 97: 63–71.
- Vincent, P.L.D. & Wilson, S.L.** 1997. The systematic value of the surface micromorphology and anatomy of cypselae of some members of the Senecioneae, Liabeae and Vernonieae (Asteraceae). *South African Journal of Botany* 63: 382–399.
- Viswanathan, M.V. & Singh, H.B.** 1996. Potential industrial uses of some less well-known Asteraceae of India. Pp. 643–659 in: Caligari, P.D.S. & Hind, D.J.N. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 2, *Compositae: Biology and Utilization*. Royal Botanic Gardens, Kew.
- Vogel, H., González, M., Faini, F., Razmilic, I., Rodríguez, J., San Martín, J. & Urbina, F.** 2005. Antioxidant properties and TLC characterization of four Chilean *Haplopappus*-species known as bailahuén. *Journal of Ethno-Pharmacology* 97: 97–100.
- Vogel, S.** 1998. Remarkable nectaries: structure, ecology, organophyletic perspectives. IV. Miscellaneous cases. *Flora* 193: 225–248.
- Vogt, R.** 1991. Die Gattung *Leucanthemum* (Compositae-Anthemideae) auf der Iberischen Halbinsel. *Ruizia* 10: 1–261.
- Vogt, R. & Oberprieler, C.** 1996. *Castrilanthemum* Vogt & Oberprieler, a new genus of the Compositae-Anthemideae. *Anales del Jardín Botánico de Madrid* 54: 336–346.
- Voitenko, V.F.** 1989. Heterocarpy (heterodiaspory) in angiospermous plants: analysis of the concept, classification, terminology. *Botanicheskii Zhurnal* 74: 281–297. [In Russian]
- Voss, E.G.** 1996. *Michigan Flora*, part 3, *Dicots (Pyrolaceae to Compositae)*. Regents of the University of Michigan, Ann Arbor.
- Voytenko, V.F.** 1989. Tipologiya i evolyutsiya form geterokarpii v tribe Lactuceae (Asteraceae). *Botanicheskii Zhurnal* 74: 1241–1257.
- Voytenko, V.F. & Oparina, S.N.** 1990. Sravnitel'nyi analiz anatomicheskoi struktury plodov geterokarpnykh predstavitelei triby Lactuceae (Asteraceae). *Botanicheskii Zhurnal* 75: 299–314.
- Vuilleumier, F.** 1969. Pleistocene speciation in birds living in the high Andes. *Nature* 223: 1179–1180.
- Vuilleumier, F. & Simberloff, D.** 1980. Ecology versus history as determinants of patchy and insular distributions in high Andean birds. *Evolutionary Biology* 12: 235–379.
- Vullo, D.L., Coto, C.E. & Sineriz, F.** 1991. Characteristics of an inulinase produced by *Bacillus subtilis*-430a, a strain isolated from the rhizosphere of *Vernonia herbacea* (Vell-Rusby). *Applied and Environmental Microbiology* 57: 2392–2394.
- Waddell, T.G., Osborne, C.B., Collison, R., Levine, M.J. & Cross, M.C.** 1983. Erigerol, a new labdane diterpene from *Erigeron philadelphicus*. *Journal of Organic Chemistry* 48: 4450–4453.
- Wagenitz, G.** 1955. Pollenmorphologie und Systematik in der Gattung *Centaurea* L. s.l. *Flora* 142: 213–279.
- Wagenitz, G.** 1964. 11. Reihe Campanulales (Campanulatae, Asterales, Synandreae). Pp. 478–497 in: Melchior, H. (ed.), *A. Engler's Syllabus der Pflanzenfamilien*, ed. 12, vol. 2. Gebr. Borntraeger, Berlin.
- Wagenitz, G.** 1965. Zur Systematik und Nomenklatur einiger Arten von *Filago* L. emend. Gaertn. subgen. *Filago* („*Filago germanica*“-Gruppe). *Willdenowia* 4: 37–59.
- Wagenitz, G.** 1969. Abgrenzung und Gliederung der Gattung *Filago* L. s. l. (Compositae-Inuleae). *Willdenowia* 5: 395–444.
- Wagenitz, G.** 1976. Systematics and phylogeny of the Compositae (Asteraceae). *Plant Systematics and Evolution* 125: 29–46.
- Wagenitz, G.** 1976. Was ist eine Achäne: zur Geschichte eines karpologischen Begriffs. *Candollea* 31: 79–85.
- Wagenitz, G.** 1980. *Micropus*, *Bombycilaena*, *Chamaepus*, *Cymbolaena*, *Filago*, and *Ifloga*. Pp. 10–28 in: Rechinger, K.H. (ed.), *Flora Iranica*, vol. 145, *Compositae*, 4. Akademische Druck- und Verlagsanstalt, Graz.
- Wagenitz, G. & Hellwig, F.H.** 1996. Evolution of characters and phylogeny of the Centaureinae. Pp. 491–510 in: Hind, D.J.N. & Beentje, H.G. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Wagner, H.** 1977. Cynareae—systematic review. Pp. 1017–1038 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*. Academic Press, London.
- Wagner, H.** 1977. Pharmaceutical and economic uses of the Compositae. Pp. 412–433 in: Heywood, V.H., Harborne, J.B. & Turner, B.L. (eds.), *The Biology and Chemistry of the Compositae*, vol. 1. Academic Press, London.
- Wagner, W.L., Herbst, D.R. & Sohmer, S.H.** 1990. *Manual of the Flowering Plants of Hawai'i*, 2 vols. University of Hawaii Press and Bishop Museum Press, Honolulu.
- Wagstaff, S.J. & Breitwieser, I.** 2002. Phylogenetic relationships of New Zealand Asteraceae inferred from ITS sequences. *Plant Systematics and Evolution* 231: 203–224.
- Wagstaff, S.J. & Breitwieser, I.** 2004. Phylogeny and classification of *Brachyglottis* (Senecioneae, Asteraceae): an example of a rapid species radiation in New Zealand. *Systematic Botany* 29: 1003–1010.
- Wagstaff, S.J., Breitwieser, I. & Swenson, U.** 2006. Origin and relationships of the austral genus *Abrotanella* (Asteraceae) inferred from DNA sequences. *Taxon* 55: 95–106.
- Wagstaff, S.J. & Wege, J.A.** 2002. Patterns of diversification in New Zealand Styliidiaceae. *American Journal of Botany* 89: 865–874.
- Wakefield, N.A.** 1951. Some notes on *Cassinia* with description of a new species. *Victorian Naturalist* 68: 69–70.
- Walsh, N.G.** 2001. A revision of *Centipeda* (Asteraceae). *Muelleria* 15: 33–64.
- Wang, Y.-J., Liu, J.-Q. & Miede, G.** 2007. Phylogenetic origins of the Himalayan endemic *Dolomiaea*, *Diplazoptilon* and *Xanthopappus* (Asteraceae: Cardueae) based on three DNA regions. *Annals of Botany (London)* 99: 311–322.

- Warcup, J.H.** 1990. The mycorrhizal associations of Australian Inuleae (Asteraceae). *Muelleria* 7: 179–187.
- Warcup, J.H. & McGee, P.A.** 1983. The mycorrhizal associations of some Australian Asteraceae. *New Phytologist* 95: 667–672.
- Ward, J.M.** 1997. *Raoulia* and its hybrids. Pp. 40–44 in: Sheppard, J.S. (ed.). *Southern Alpines '96*. Southern Alpines, Christchurch.
- Ward, J.M.** 1998. *Raoulia* 150 years on. Pp. 89–100 in: Burrows, C.J. (ed.), *Etienne Raoul and Canterbury Botany 1840–1996*. Manuka Press, Christchurch.
- Ward, J.M. & Breitwieser, I.** 1998. Systematics of New Zealand Inuleae (Compositae) – 4. A taxonomic review. *New Zealand Journal of Botany* 36: 165–171.
- Ward, J.M., Breitwieser, I. & Flann, C.** 2003. *Argyrotegium*, a new genus of Gnaphalieae (Compositae). *New Zealand Journal of Botany* 41: 603–611.
- Ward, J.M., Breitwieser, I. & Lovis, J.D.** 1997. *Rachelia glaria* (Compositae), a new genus and species from the South Island of New Zealand. *New Zealand Journal of Botany* 35: 145–154.
- Ward, J.M., Wilton, A.D. & Glenny, D.S.** 1997. Recognition and lectotypification of the name *Helichrysum alpinum* Cockayne and status of *Helichrysum alpinum* N.A. Wakef. (Compositae). *New Zealand Journal of Botany* 35: 251–253.
- Warning, U., Bohlmann, F., King, R.M. & Haegi, L.** 1988. Diterpenes from *Olearia* species. *Journal of Natural Products* 51: 513–516.
- Watanabe, K.** 2008. *Index to Chromosome Numbers in Asteraceae*. <http://www.lib.kobe-u.ac.jp/products/asteraceae/index.html>.
- Watanabe, K., Ahara, T. & Kadota, H.** 1992. Natural hybrid populations between chasmogamous and cleistogamous species, *Ainsliaea fauriciana* and *A. apiculata* (Asteraceae, Mutisieae): morphology, cytology, reproductive mode and allozyme variation. *Plant Species Biology* 7: 49–59.
- Watanabe, K., King, R.M., Yahara, T., Ito, M., Yokoyama, J., Suzuki, T. & Crawford, D.J.** 1995. Chromosomal cytology and evolution in Eupatorieae (Asteraceae). *Annals of the Missouri Botanical Garden* 82: 581–592.
- Watanabe, K., Kosuge, K., Shimamura, R., Konishi, N. & Taniguchi, K.** 2006. Molecular systematics of Australian *Calotis* (Asteraceae: Astereae). *Australian Systematic Botany* 19: 155–168.
- Watanabe, K., Short, P.S., Denda, T., Konishi, N., Ito, M. & Kosuge, K.** 1999. Chromosome numbers and karyotypes in the Australian Gnaphalieae and Plucheeae (Asteraceae). *Australian Systematic Botany* 12: 781–802.
- Watanabe, K., Short, P.S., Suzuki, Y., Ito, M., Yahara, T. & Kosuge, K.** 1996. Chromosome number determinations in the Australian Astereae (Asteraceae). *Muelleria* 9: 197–228.
- Watanabe, K., Yahara, T., Denda, T. & Kosuge, K.** 1999. Chromosomal evolution in the genus *Brachyscome* (Asteraceae, Astereae): statistical tests regarding correlation between changes in karyotype and habit using phylogenetic information. *Journal of Plant Research* 112: 145–161.
- Watanabe, K., Yahara, T., Hashimoto, G., Nagatani, Y., Soejima, A., Kawahara, T. & Nahazawa, M.** 2007. Chromosome numbers and karyotypes in Asteraceae. *Annals of the Missouri Botanical Garden* 94: 643–654.
- Waterhouse, D.F.** 1997. The major invertebrate pests and weeds of agriculture and plantation forestry in the Southern and Western Pacific. Australian Centre for International Agricultural Research Monograph 44. The Australian Centre for International Agricultural Research, Canberra.
- Waterman, P.G. & Gray, A.I.** 1987. Chemical systematics. *Natural Products Reports* 4: 175–203.
- Watson, L. & Dallwitz, M.J.** 1992 onwards. *The Families of Flowering Plants: Descriptions, Illustrations, Identification, and Information Retrieval*. <http://delta-intkey.com/angio/>.
- Watson, L.E., Bates, P., Evans, T., Unwin, M. & Estes, J.** 2002. Molecular phylogeny of subtribe Artemisiinae (Asteraceae), including *Artemisia* and its allied and segregate genera. *BMC Evolutionary Biology* 2: 17, doi: 10.1186/1471-2148-2-17.
- Watson, L.E., Evans, T.M. & Boluarte, T.** 2000. Molecular phylogeny and biogeography of tribe Anthemideae (Asteraceae), based on chloroplast gene *ndhF*. *Molecular Phylogenetics and Evolution* 15: 59–69.
- Watt, J.M. & Breyer-Brandwijk, M.G.** 1962. *The Medicinal and Poisonous Plants of Southern and Eastern Africa*, 2nd ed. Livingstone, Edinburgh and London.
- Webb, C.J.** 1988. Asteraceae. Pp. 150–350 in: Webb, C.J., Sykes, W.R. & Garnock-Jones, P.J. (eds.), *Flora of New Zealand*, vol. 4. Botany Division D.S.I.R., Christchurch.
- Webber, G., Elemo, K. & Lagoke, S.T.O.** 1995. Weed communities in intensified cereal-based cropping systems of the northern Guinea savanna. *Weed Research* 35: 167–178.
- Weber, D.J., Davis, T.D., McArthur, D. & Sankla, N.** 1986. *Chrysothamnus nauseosus* (rabbitbrush), multi-use shrub of the desert. *Desert Plants* 7: 172–202.
- Weber, D.J., Hess, W.M., Bhat, R.B. & Huang, J.** 1993. *Chrysothamnus: A Rubber-producing Semi-arid Shrub*. Pp. 355–357 in: Janick, J. & Simon, J.E. (eds.), *New Crops*. Wiley, New York.
- Weber, E.** 1998. The dynamics of plant invasions: a case study of three exotic goldenrod species (*Solidago* L.) in Europe. *Journal of Biogeography* 25: 147–154.
- Weberling, F.** 1989. *Morphology of Flowers and Inflorescences*. Cambridge University Press, Cambridge, Massachusetts.
- Weberling, F. & Reese, H.** 1988. Zur Wuchsform und Fruchtanatomie von *Soliva* Ruiz & Pav. und *Isoetopsis* Turcz. (Compositae). *Beiträge zur Biologie der Pflanzen* 63: 289–312.
- Weddell, H.A.** 1855–1857. *Chloris Andina*, vol. 1. Bertrand, Paris.
- Wege, J.A.** 2007. Donatiaceae. P. 132 in: Heywood, V.H., Brummitt, R.K., Culham, A. & Seberg, O. (eds.), *Flowering Plant Families of the World*. Royal Botanic Gardens, Kew.
- Weiss, P.W.** 1986. The biology of Australian weeds 14. *Chrysanthemoides monilifera* (L.) T. Norl. *Journal of the Australian Institute for Agricultural Science* 52: 127–134.
- Weiss-Schneeweiss, H., Stuessy, T.F., Siljak-Yakovlev, S., Baeza, C.M. & Parker, J.** 2003. Karyotype evolution in South American species of *Hypochaeris* (Asteraceae, Lactuceae). *Plant Systematics and Evolution* 241: 171–184.
- Weiss-Schneeweiss, H., Tremetsberger, K., Schneeweiss, G.M., Parker, S.J. & Stuessy, T.F.** 2008. Karyotype diversification and evolution in diploid and polyploid South American *Hypochaeris* (Asteraceae) inferred from rDNA localization and genetic fingerprint data. *Annals of Botany* 101: 909–918.
- Weitz, F.M.** 1989. A revision of the genus *Corymbium* (Asteraceae). *South African Journal of Botany* 55: 598–629.
- Weitz, F.M.** 1990. A taxonomic revision of the genus *Corymbium*. *Mitteilungen aus dem Institut für allgemeine Botanik in Hamburg* 23: 959–972.
- Weller, S.G. & Sakai, A.K.** 1999. Using phylogenetic approaches for the analysis of plant breeding system evolution. *Annual Review of Ecology and Systematics* 30: 167–199.
- Wester, P. & Claßen-Bockhoff, R.** 2006. Hummingbird pollination in *Salvia haenkei* (Lamiaceae) lacking the typical

- lever mechanism. *Plant Systematics and Evolution* 257: 133–146.
- Western Australian Herbarium.** 1998–. Florabase — The western Australian Flora. Department of Environment and Conservation, 2 Sep 2008, <http://florabase.dec.wa.gov.au/>.
- Wheeler, Q.D. & Meier, R. (eds.).** 2000. *Species Concepts and Phylogenetic Theory: A Debate*. Columbia University Press, New York.
- White, N.J.** 2008. Oinghaosu (Artemisinin): the price of success. *Science* 320: 330–334.
- Whitton, J., Wallace, R.S. & Jansen, R.K.** 1995. Phylogenetic relationships and patterns of character change in the tribe Lactuceae (Asteraceae) based on chloroplast DNA restriction site variation. *Canadian Journal of Botany* 73: 1058–1073.
- Wickama, J.M. & Mowo, J.G.** 2001. Using local resources to improve soil fertility in Tanzania. *Managing Africa's Soils* 21: 1–14.
- Widder, F.J.** 1975. Die Gliederung der Gattung *Leontodon*. *Phyton (Horn)* 17: 23–29.
- Widell, K.O. & Vogelmann, T.C.** 1985. Optical properties of *Lactuca* and *Taraxacum* seed and fruit coats: their role as light filters. *Physiologia Plantarum* 64: 34–40.
- Wieczorek, A.M. & Geber, M.A.** 2002. Microsatellite loci for studies of population differentiation and range expansion in *Solidago sempervirens* L. (Asteraceae). *Molecular Ecology Notes* 2: 554–556.
- Wiggins, I.L. & Porter, D.M.** 1971. *Flora of the Galápagos Islands*. Stanford University Press, Stanford.
- Wikström, N., Savolainen, V. & Chase, M.W.** 2001. Evolution of the angiosperms: calibrating the family tree. *Proceedings of the Royal Society of London, Series B, Biological Sciences* 268: 2211–2220.
- Wild, H.** 1964. A revision of the genus *Anisopappus* Hook. & Arn. *Kirkia* 4: 45–73.
- Wild, H.** 1967. The Compositae of the Flora Zambesiaca area, 1. *Kirkia* 6: 1–62.
- Wild, H.** 1969. The genus *Nidorella* Cass. *Boletim de la Sociedade Broteriana* 43(2A): 209–245.
- Wild, H.** 1969. The species of *Conyza* L. with ligulate or lobed ray florets in Africa, Madagascar and the Cape Verde Islands. *Boletim de la Sociedade Broteriana* 43 (2A): 247–277.
- Wild, H.** 1978. The Compositae of the Flora Zambesiaca Area, 8 – Vernoniaceae (*Vernonia*). *Kirkia* 12: 31–127.
- Wild, H. & Pope, G.V.** 1977. The Compositae of the Flora Zambesiaca area, 7 – Vernoniaceae (excluding *Vernonia* Schreb.). *Kirkia* 10: 339–384.
- Wild, H. & Pope, G.V.** 1978. The Compositae of the Flora Zambesiaca area, 9 – Vernoniaceae (*Brachythrix* and *Hoehnelia*). *Kirkia* 11: 142.
- Williams, J.B. & Lee, R.E., Jr.** 2005. Plant senescence cues entry into diapause in the gall fly *Eurosta solidaginis*: resulting metabolic depression is critical for water conservation. *Journal of Experimental Biology* 208: 4437–4444.
- Williams, M.J.** 1977. *Hecastocleis shockleyi* A. Gray. *Mentzelia* 3: 18.
- Williams, R.B., Norris, A., Slebodnick, C., Merola, J., Miller, J.S., Andriantsiferana, R., Rasamison, V.E. & Kingston, D.G.I.** 2005. Cytotoxic sesquiterpene lactones from *Vernonia pachyclada* from the Madagascar rainforest. *Journal of Natural Products* 68: 1371–1374.
- Willis, J.H.** 1952. Notes on some Australasian Compositae. *Proceedings of the Royal Society of Queensland* 62: 105.
- Willis, J.H.** 1967. Systematic notes on the indigenous Australian flora. *Muelleria* 1: 117–163.
- Willis, K.J. & McElwain, J.C.** 2002. *The Evolution of Plants*. Oxford University Press, Oxford and New York.
- Wills, D.M. & Burke, J.M.** 2006. Chloroplast DNA variation confirms a single origin of domesticated sunflower (*Helianthus annuus* L.). *Journal of Heredity* 97: 1–6.
- Wilson, H.D., Barber, S.D. & Walters, T.** 1983. Loss of duplicate gene expression in tetraploid *Chenopodium*. *Biochemical Systematics and Ecology* 11: 7–13.
- Wilson, P.G.** 1987. *Quinqueremulus linearis*, a new genus and species in the Australian Asteraceae (tribe Inuleae). *Nuytsia* 6: 1–5.
- Wilson, P.G.** 1989. A revision of the genus *Hyalosperma* (Asteraceae: Inuleae: Gnaphaliinae). *Nuytsia* 7: 75–101.
- Wilson, P.G.** 1989. *Erymophyllum* (Asteraceae: Inuleae: Gnaphaliinae), a new Australian genus in the *Helipterum* complex. *Nuytsia* 7: 103–116.
- Wilson, P.G.** 1992. The classification of Australian species currently included in *Helipterum* and related genera (Asteraceae: Gnaphaliaceae): part 1. *Nuytsia* 8: 379–438.
- Wilson, P.G.** 1992. The classification of Australian species currently included in *Helipterum* (Asteraceae: Gnaphaliaceae): part 2. *Leucochrysum*. *Nuytsia* 8: 439–446.
- Wilson, P.G.** 1992. The classification of some Australian species currently included in *Helipterum* and *Helichrysum* (Asteraceae: Gnaphaliaceae): part 3. *Anemocarpa* and *Argentipallium*, two new genera from Australia. *Nuytsia* 8: 447–460.
- Wilson, P.G.** 1992. The classification of the genus *Waitzia* Wendl. (Asteraceae: Gnaphaliaceae). *Nuytsia* 8: 461–477.
- Wilson, P.G.** 1992. The *Lawrencella* complex (Asteraceae: Gnaphaliaceae: Angianthinae) of Australia. *Nuytsia* 8: 361–377.
- Wilson, P.G.** 2001. *Leiocarpa*, a new Australian genus of the Asteraceae tribe Gnaphaliaceae. *Nuytsia* 13: 595–605.
- Wilson, P.G., Short, P.S. & Orchard, A.E.** 1992. Some nomenclatural changes in the Angianthinae and Cassiniinae (Asteraceae: Gnaphaliaceae). *Muelleria* 7: 519–524.
- Windley, B.F.** 1984. *The Evolving Continents*, ed. 2. J. Wiley & Sons, Chichester, New York, Brisbane, Toronto and Singapore.
- Winkworth, R.C., Lundberg, J. & Donoghue, M.J.** 2008. Toward a resolution of Campanulid phylogeny, with special reference to the placement of Dipsacales. *Taxon* 57: 53–65.
- Witter, M.S.** 1988. Duplicate gene expression of biochemical gene markers in the Hawaiian silversword alliance (Madiinae: Compositae). *Biochemical Systematics and Ecology* 16: 381–392.
- Witter, M.S. & Carr, G.D.** 1988. Adaptive radiation and genetic differentiation in the Hawaiian silversword alliance (Compositae: Madiinae). *Evolution* 42: 1278–1287.
- Wodehouse, R.P.** 1926. Pollen grain morphology in the classification of the Anthemideae. *Bulletin of the Torrey Botanical Club* 53: 479–485.
- Wodehouse, R.P.** 1928. Pollen grains in the identification and classification of plants. I. The Ambrosiaceae. *Bulletin of the Torrey Botanical Club* 55: 181–198.
- Wodehouse, R.P.** 1928. Pollen grains in the identification and classification of plants. II. *Barnadesia*. *Bulletin of the Torrey Botanical Club* 55: 449–462.
- Wodehouse, R.P.** 1929. Pollen grains in the identification and classification of plants. III. The Nassauvinae. *Bulletin of the Torrey Botanical Club* 56: 123–138.
- Wodehouse, R.P.** 1929. Pollen grains in the identification and classification of plants. IV. The Mutisieae. *American Journal of Botany* 16: 297–313.
- Wodehouse, R.P.** 1930. Pollen grains in the identification and classification of plants. V. *Haplopappus* and other Astereae:

- the origin of their furrow configurations. *American Journal of Botany* 16: 297–313.
- Wodehouse, R.P.** 1935. *Pollen Grains: Their Structure, Identification and Significance in Science and Medicine*. McGraw Hill, New York and London.
- Wojcinska, M., Williams, J., Mabry, T.J., Ahmed, A.A., Davis, B.D., Toth, G., El-Sayed, N.H., Matlawksa, I. & Clevinger, J.** 2007. Flavonol triglycosides from the leaves of *Silphium albidiflorum*. *Natural Product Communications* 1: 941–948.
- Wollenweber, E. & Valant-Vetschera, K.M.** 1996. New results with exudate flavonoids in Compositae. Pp. 169–185 in: Hind, D.J.N. & Beentje, H.J. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Wood, A.R. & Nordenstam, B.** 2003 [2004]. An interesting new species of *Osteospermum* (Asteraceae–Calenduleae) from the Western Cape Province, South Africa, providing a link to the genus *Chrysanthemoides*. *South African Journal of Botany* 69: 572–578.
- World Malaria Report.** 2005. Available at <http://www.rbm.who.int/wmr2005/html/3-2.htm>.
- Wortley, A.H., Funk, V.A., Robinson, H., Skvarla, J.J. & Blackmore, S.** 2007. A search for pollen morphological synapomorphies to classify rogue genera in Compositae (Asteraceae). *Review of Palaeobotany and Palynology* 146: 169–181.
- Wortley, A.H., Funk, V.A. & Skvarla, J.J.** 2008. Pollen and the evolution of Arctotideae (Compositae). *Botanical Review* 74: 438–466.
- Wu, S.-H. & Wang, H.-H.** 2005. Potential Asteraceae invaders in Taiwan: insights from the flora of and herbarium records of casual and naturalized alien species. *Taiwania* 50: 62–70.
- Wu, Z.Y. & Wu, S.K.** 1996. A proposal for a new floristic kingdom (realm)—the E. Asiatic Kingdom, its delineation and characteristics. Pp. 3–42 in: Zhang, A.L. & Wu, S.G. (eds.), *Floristic Characteristics and Diversity of East Asian Plants. Proceedings of the First International Symposium on Floristic Characteristics and Diversity of East Asian Plants (IFCD)*. Higher Education Press, Beijing.
- Wulff, A.F., Hunziker, J.H. & Escobar, A.** 1996. Estudios cariológicos en Compositae. VII. *Darwiniana* 34: 213–231.
- Wunschmann, E.** 1883. Lessing, Christian Friedrich L. Pp. 446–448 in: Historische Kommission bei der Königlichen Akademie der Wissenschaften (ed.), *Allgemeine Deutsche Biographie*, vol. 18. Duncker & Humblot, Leipzig.
- Xiang, C. & Semple, J.C.** 1996. Molecular systematic study of *Aster* sensu lato and related genera (Asteraceae: Astereae) based on chloroplast DNA restriction site analyses and mainly North American taxa. Pp. 393–423 in: Hind, D.J.N. & Beentje, H.J. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 1, *Compositae: Systematics*. Royal Botanic Gardens, Kew.
- Yahnke, C.J.** 2006. Testing optimal foraging theory: using bird predation on goldenrod galls. *American Biology Teacher* 68: 471–475.
- Yamamura, K.** 2006. The structure of the dark spot of *Gorteria diffusa*, the beetle daisy. *Veld & Flora* 92(3): 152–153.
- Yoshioka, H., Mabry, T.J. & Timmermann, B.N.** 1973. *Sesquiterpene Lactones: Chemistry, NMR and Plant Distribution*. University of Tokyo Press, Tokyo.
- Young, A.M.** 1981. Notes on the moth *Pericopus leucophaea* Walker (Lepidoptera, Pericopidae) as a defoliator of the tree *Vernonia patens* HBK (Compositae) in northeastern Costa Rica. *Journal of the New York Entomological Society* 89: 204–213.
- Young, J.A. & Mayeux, H.** 1996. Seed ecology of woody species of *Artemisia* and *Chrysothamnus*. Pp. 93–104 in: Caligari, P.D.S. & Hind, D.J.N. (eds.), *Proceedings of the International Compositae Conference, Kew, 1994*, vol. 2, *Compositae: Biology and Utilization*. Royal Botanic Gardens, Kew.
- Zachos, J., Pagani, M., Sloan, L., Thomas, E. & Billups, K.** 2001. Trends, rhythms, and aberrations in global climate 65 Ma to present. *Science* 292: 686–693.
- Zagwijn, W.H.** 2004. Berkhey's treatise on the grounds of Holland (1771): geology before the term existed. Pp. 1–30 in: Touret, J.L.R. & Visser, R.P.W. (eds.), *Dutch Pioneers of the Earth Sciences*. Royal Netherlands Academy of Arts and Sciences, Amsterdam.
- Zamski, E., Ucko, O. & Koller, D.** 1983. The mechanism of root contraction in *Gymnarrhena micrantha*, a desert plant. *New Phytologist* 95: 29–35.
- Zanazzi, A., Kohn, M.J., Macfadden, B.J. & Terry, D.O., Jr.** 2007. Large temperature drop across the Eocene-Oligocene transition in central North America. *Nature* 445: 639–642.
- Zanowiak, D.J.** 1991. *An Analysis of Systematic and Phyletic Relationships Within the Baccharidinae (Asteraceae: Astereae)*. Ph.D. Thesis, Texas A & M University, College Station.
- Zao, Z., Skvarla, J.J. & Jansen, R.K.** 2006. Mutisieae (Asteraceae) pollen ultrastructure atlas. *Lundellia* 9: 51–76.
- Zardini, E.M.** 1975. Revisión del género *Trichodine* (Compositae). *Darwiniana* 19: 618–733.
- Zardini, E.M.** 1980. *Lulia*: un nuevo género de Compuestas. *Boletín de la Sociedad Argentina de Botánica* 19: 255–258.
- Zardini, E.M.** 1981. Contribución para una monografía del género *Conyza* Less. II. Rehabilitación del género *Laennecia* Cass. *Darwiniana* 23: 159–169.
- Zardini, E.M. & Soria, N.** 1994. A new species of *Dasyphyllum* (Asteraceae–Mutisieae) from Paraguay. *Novon* 4: 80–82.
- Zavada, M.S. & De Villiers, S.E.** 2000. Pollen of the Asteraceae from the Paleocene–Eocene of South Africa. *Grana* 39: 39–45.
- Zdero, C. & Bohlmann, F.** 1987. Sesquiterpene lactones from the genus *Brachylaena*. *Phytochemistry* 26: 2597–2601.
- Zdero, C. & Bohlmann, F.** 1988. Macrolide diterpenes and other ENT-labdanes from *Corymbium villosum*. *Phytochemistry* 27: 227–231.
- Zdero, C. & Bohlmann, F.** 1989. Platycarphol and other kaurene derivatives from *Platycarpha carlinoides*. *Phytochemistry* 28: 2745–2751.
- Zdero, C. & Bohlmann, F.** 1990. Sesquiterpene lactones from *Dicoma* species. *Phytochemistry* 29: 183–187.
- Zdero, C. & Bohlmann, F.** 1990. Systematics and evolution within the Compositae, seen with the eyes of a chemist. *Plant Systematics and Evolution* 171: 1–14.
- Zdero, C., Bohlmann, F. & King, R.M.** 1987. Chemistry of the Barnadesiinae (Asteraceae). *Phytologia* 63: 313–315.
- Zdero, C., Bohlmann, F. & Mungai, G.M.** 1991. Carvoacetone derivatives and other constituents from representatives of the *Sphaeranthus* group. *Phytochemistry* 30: 3297–3301.
- Zdero, C., Bohlmann, F. & Niemeyer, H.M.** 1990. Ent-labdane glycosides from *Baccharis pingraea*. *Phytochemistry* 29: 2611–2616.
- Zdero, C., Bohlmann, F. & Niemeyer, H.M.** 1991. Friedo-labdanes and other constituents from Chilean *Haplopappus* species. *Phytochemistry* 30: 3669–3677.
- Zdero, C., Bohlmann, F. & Wasshausen, D.C.** 1991. Guaianolides from *Brachylaena* species. *Phytochemistry* 30: 3810–3811.
- Zeide, B.** 1978. Reproductive behavior of plants in time. *American Naturalist* 112: 636–639.

- Zelaya, I.A., Owen, M.D.K. & Van Gessel, M.J.** 2007. Transfer of glyphosate resistance: evidence of hybridization in *Conyza* (Asteraceae). *American Journal of Botany* 94: 660–673.
- Zermoglio, M.F. & Funk, V.A.** 1997. A new species of *Chrysactinium* from Chachapoyas, Peru. *BioLlania* (Edición Especial) 6: 568–569.
- Zhang, J.** 1996. *A Molecular Biosystematic Study of North American Solidago and Related Genera (Asteraceae: Astereae) Based on Chloroplast DNA RFLP Analysis*. Ph.D. Thesis, University of Waterloo, Waterloo.
- Zhang, J.-W., Sun, H. & Nie, E.-L.** 2007. Karyological studies on the Sino-Himalayan endemic *Sorosseris* and two related genera of tribe Lactuceae (Asteraceae). *Botanical Journal of the Linnean Society* 154: 79–87.
- Zhang, X.-P. & Bremer, K.** 1993. A cladistic analysis of the tribe Astereae (Asteraceae) with notes on their evolution and subtribal classification. *Plant Systematics and Evolution* 184: 259–283.
- Zhao, Z.** 1999. *Phylogenetic Implications of Pollen Morphology and Ultrastructure in the Barnadesioideae (Astraceae) and Related Taxa*. Ph.D. Thesis, University of Texas at Austin.
- Zhao, Z., Skvarla, J.J. & Jansen, R.K.** 2006. Mutisieae (Asteraceae) pollen ultrastructure atlas. *Lundellia* 9: 51–76.
- Zhao, Z., Skvarla, J.J., Jansen, R.K. & DeVore, M.L.** 2000. Phylogenetic implications of pollen morphology and ultrastructure in the Barnadesioideae (Asteraceae). *Lundellia* 3: 26–40.
- Zhou, L., Fuentes, E.R., Hoffmann, J.F. & Timmermann, B.N.** 1995. Diterpenoids from *Grindelia tarapacana*. *Phytochemistry* 40: 1201–1207.
- Zhu, H., Wang, H., Li, B. & Sirirugsa, P.** 2003. Biogeography and floristic affinities of the limestone flora in southern Yunnan, China. *Annals of the Missouri Botanical Garden* 90: 444–465.
- Zhu, S.-X., Qin, H.-N. & Shih, C.** 2006. Achene wall anatomy and surface sculpturing of *Lactuca* L. and related genera (Compositae: Lactuceae) with notes on their systematic significance. *Journal of Integrative Plant Biology* 48: 390–399.
- Zidorn, C.** 2006. Sesquiterpenoids as chemosystematic markers in the subtribe Hypochaeridinae (Lactuceae, Asteraceae). *Biochemical Systematics and Ecology* 34: 144–159.
- Zidorn, C.** 2008. Sesquiterpene lactones and their precursors as chemosystematic markers in the tribe Cichorieae of the Asteraceae. *Phytochemistry* 69: 2270–2296.
- Zidorn, C., Ellmerer-Müller, E.P. & Stuppner, H.** 2000. Sesquiterpenoids from *Scorzonera hispanica* L. *Pharmazie* 55: 550–551.
- Zidorn, C., Gottschlich, G. & Stuppner, H.** 2002. Chemosystematic investigations on phenolics from flowerheads of Central European taxa of *Hieracium* (Asteraceae). *Plant Systematics and Evolution* 231: 39–58.
- Zidorn, C., Lohwasser, U., Pschorr, S., Salvenmoser, D., Ongania, K.-H., Ellmerer, E.P., Boerner, A. & Stuppner, H.** 2005. Bibenzyls and dihydroisocoumarins from white salsify (*Tragopogon porrifolius* subsp. *porrifolius*). *Phytochemistry* 66: 1691–1697.
- Zidorn, C., Spitaler, R., Ellmerer, E.P. & Stuppner, H.** 2006. On the occurrence of the guaianolide glucoside ixerin F in *Chondrilla juncea* and its chemosystematic significance. *Biochemical Systematics and Ecology* 34: 900–902.
- Zidorn, C., Spitaler, R., Grass, S., Mader, J., Müller, T., Ellmerer, E.P. & Stuppner, H.** 2007. Four new hypocretenolides (guaian-12,5-olides) from *Leontodon rosani* (Asteraceae, Cichorieae). *Biochemical Systematics and Ecology* 35: 301–307.
- Zidorn, C. & Stuppner, H.** 2001. Chemosystematics of taxa from *Leontodon* section *Oporinia*. *Biochemical Systematics and Ecology* 29: 827–837.
- Zidorn, C. & Stuppner, H.** 2001. Evaluation of chemosystematic characters in the genus *Leontodon* (Asteraceae). *Taxon* 50: 115–133.
- Zohary, M.** 1950. Evolutionary trends in the fruiting head of Compositae. *Evolution* 4: 103–109.
- Zunino, M.P., Novillo-Newton, M., Maestri, D.M. & Zygadlo, J.A.** 1997. Composition of the essential oil of *Baccharis crispa* Spreng. and *Baccharis salicifolia* Pers. grown in Córdoba (Argentina). *Flavour and Fragrance Journal* 12: 405–407.