

Aliso: A Journal of Systematic and Floristic Botany

Volume 31 | Issue 2

Article 7

2013

Index Volume 31

Follow this and additional works at: <https://scholarship.claremont.edu/aliso>

Recommended Citation

(2013) "Index Volume 31," *Aliso: A Journal of Systematic and Floristic Botany*. Vol. 31: Iss. 2, Article 7.
Available at: <https://scholarship.claremont.edu/aliso/vol31/iss2/7>

INDEX TO VOLUME 31, ALISO

Includes authors, titles, taxa, and salient concepts appearing in the scientific papers, as well as additional terms of use in information retrieval. New taxa and combinations appear in **boldface**. Page numbers reflect the location where an indexing term appears or—if it occurs repeatedly—receives special mention.

- Acanthaceae 89, 91
Appalachian Mountains 77–80
Arizona 1, 3, 5, 11–12
Arthopyrenia betulicola 77–80
Arthopyrenia cinchonae 77–80
Arthopyreniaceae 77
Asteraceae 19, 72
Asteropeiaceae 59
Bataceae 71
Bell, D. S., Herskovits, T.—A newly discovered large and significant population of *Castela emoryi* (Emory's crucifixion thorn, Simaroubaceae) in California 43–47
Bell, H. L.—Genetic diversity in *Swallemia alexandrae* (Poaceae, Chloridoideae), a narrow endemic from the Eureka Dunes (Inyo County, California) 25–33
Betula alleghaniensis 77–81
Biogeography 1–13, 35, 41
Boraginaceae 1
Borthwickia 59, 71
Borthwickiaceae 59, 71
Boscia 60, 69, 75
Boscia albitrunca 60
Boscia hildebrandii 60
Brassicales 59–60, 67, 69, 71
Brummitt, R. K., Namoff, S. M.—A new subspecies of *Calystegia collina* (Greene) Brummitt (Convolvulaceae) in the Coast Ranges of California and notes on the distribution of the species 83–88
Brummitt, R. K., Namoff, S. M.—*Calystegia vanzuukiae* (Convolvulaceae), a remarkable new species from central California 15–18
Cadaba 60, 69
Cadaba rotundifolia 60
California 1, 3, 5–6, 12–13, 35–41, 43–47, 49–55
California Coast Ranges 83–87
California, Colusa County 86
California, El Dorado County 15–16, 18
California, Fresno County 19–22
California, Imperial County 43–44, 46
California, Inyo County 25, 33, 35
California, Kern County 35, 39, 41
California, Lake County 83, 85–86
California, Mendocino County 85
California, Monterey County 87
California, Napa County 85–87
California, Placer County 15–16, 18
California, Riverside County 43–45
California, San Benito County 87
California, San Bernardino County 35, 43–46
California, San Luis Obispo County 87
California, Santa Barbara County 83, 85, 87
California, Sonoma County 86–87
California, Tulare County 19–22
California, Tuolumne County 35, 40
Calystegia collina subsp. **apicum** 87
Calystegia collina subsp. *collina* 83–87
Calystegia collina subsp. *oxyphylla* 83–87
Calystegia collina subsp. *tridactylosa* 83–86
Calystegia collina subsp. *venusta* 83–85, 87
Calystegia malacophylla 83, 85
Calystegia malacophylla subsp. *pedicellata* 83
Calystegia occidentalis 86
Calystegia occidentalis subsp. *fulcrata* 15–16
Calystegia occidentalis subsp. *occidentalis* 15–17
Calystegia stebbinsii 15–17
Calystegia vanzuukiae 15–18
Capparaceae 59, 71
Capparis sandwichiana 60
Caricaceae 71
Carlquist, S., Hansen, B. G., Iltis, H. H., Olson, M. E., Geiger, D. L.—*Forchhammeria* and *Stixis* (Brassicales): stem and wood anatomical diversity, ecological and phylogenetic significance 59–75
Castela emoryi 43–46
Cavitation resistance 49–55
Central America 59
Chaparral 49–55, 85–87
Chloridoideae 25, 27, 29
Claytonia lanceolata 35–41
Claytonia lanceolata var. *peirsonii* 35–41
Cleomaceae 59, 71
Cleome droserifolia 60
Climate 41, 44, 49–50, 55–56, 89, 92, 98
Co-evolution 89, 91–92, 98
Conservation 25–26, 29–30, 32, 35, 37, 41, 43, 46
Constable, J. V. H. 19–24
Convolvulaceae 15, 83
Cryptanthinae 1
Cynoglosseae 1
Davis, S. D. 49–57
Desert 49–50, 53–55, 72–73
Dieback 49–55
Diffuse co-evolution 89, 91, 98
Divergence time 89, 91–93
Diversification 89, 91, 93, 98–99
Dothidiomycetes 77
Drought 49–55, 71
Dunes 25–33
Ecological wood anatomy 59–60, 67, 71–72
Ecology 34, 40–41
Ecotone 49–50, 53, 55
Eif3E 91, 101–103
Emblingiaceae 59, 71
Endangered species 25, 29
Endemism 15, 16, 25, 29–30, 83
Ewers, F. W. 49–57
Fire 49–50, 53
Forchhammeria subgen. *Forchhammeria* 59–61, 73, 75
Forchhammeria subgen. *Helandra* 60–61, 67, 75
Forchhammeria subgen. **Pauciflora** 59–61, 67, 73
Forchhammeria brevipes 75
Forchhammeria hintonii 60–61, 72, 75
Forchhammeria longifolia 75
Forchhammeria macrocarpa 60–61, 75
Forchhammeria pallida 60–61, 64–65, 71, 75
Forchhammeria sessilifolia 75
Forchhammeria sphaerocarpa 75
Forchhammeria tamaulipana 59–61, 67–68, 71–74
Forchhammeria trifoliata 60–61, 66, 72, 75
Forchhammeria watsonii 60–63, 67, 71, 75
Fossils 90–93, 98
Gabbro soils 15–16, 18
Geiger, D. L. 59–75
Genetic diversity 25–30
Great Smoky Mountains 77–80

- Guapira* 71
 Guilliams, C. M., Veno, B. A., Simpson, M. G., Kelley, R. B.—*Pectocarya anisocarpa*, a new species of Boraginaceae, and a revised key for the genus in western North America 1–13
 Gyrostemonaceae 59, 71
 Hansen, B. G. 59–75
 Harris, R. C., Tripp, E. A., Lendemer, J. C.—*Arthopyrenia betulicola* (Arthopyreniaceae, Dothidiomycetes), an unusual new lichenized fungus from high elevations of the southern Appalachian Mountains 77–81
Helianthus annuus 19, 21–22
Helianthus bolanderi 22
Helianthus exilis 22
Helianthus winterti 19–23
 Herbivory 43–44, 46
 Hermaphrodite 43–44
 Herskovits, T. 43–47
 Hummingbirds 89, 91–95, 98
 Hybridization 10, 15–16, 30, 86
 Iltis, H. H. 59–75
 Invasive weeds 26, 30
Ipomoea 71
Iresine 71
 ITS 91, 101–103
 Jacobsen, A. L. 49–57
 Jolles, D. D. 35–42
 Kelley, R. B. 1–13
 Keys 10–11, 22, 85
 Koeberliniaceae 71
Lagrezia 71
 Lichen 77, 78
 Life history type 49, 54
 López-Portillo, J. 49–57
Maerua 60, 69
 Mexico 1, 3, 5, 13, 59–60, 71, 73
 Montiaceae 35
 Namoff, S. M. 15–18, 83–88
Neothorelia 59, 67, 71
Neothorelia laotica 59
 Neotropics 89, 91–93, 98
 New species 3–4, 15–18, 19–24, 73, 78, 87
 New taxa 73
Niebuhria 60
 North Carolina 77, 79
 Old-growth forest 77–78, 80
 Olson, M. E. 59–75
 Paddock, W. A. S., III, Davis, S. D., Pratt, R. B., Jacobsen, A. L., Tobin, M. F., López-Portillo, J., Ewers, F. W.—Factors determining mortality of adult chaparral shrubs in an extreme drought year in California 49–57
Pectocarya 1–13
Pectocarya sect. *Gruvelia* 1–2, 10
Pectocarya sect. *Pectocarya* 1, 10–11
Pectocarya anisocarpa 1–13
Pectocarya anomala 3
Pectocarya boliviana 3
Pectocarya dimorpha 1, 3
Pectocarya heterocarpa 1, 3, 5–6, 10, 11
Pectocarya lateriflora 3
Pectocarya linearis var. *ferocula* 1, 3–6, 10–11
Pectocarya linearis var. *linearis* 3
Pectocarya penicillata 3, 5, 10
Pectocarya peninsularis 1, 3, 5–7, 11
Pectocarya platycarpa 3, 7, 10–11
Pectocarya pusilla 1–3, 10
Pectocarya recurvata 1, 3, 5–6, 10
Pectocarya setosa 1–3, 10
 Pentadiplandraceae 59, 71
Physena 59, 71
 Physenaceae 59
Pisonia 71
 Ploidy 3, 10, 22, 41
 Poaceae 25
 Pollen 71, 90
 Pollination 40, 44, 83, 89, 91, 98
 Population dynamics 43–44
 Post-fire regeneration 49–50, 53–55
 Pratt, R. B. 49–57
psbA-trnH 91, 101–103
 Pyrenolichen 77
 RAPDs 25–28
 Rare species 43, 46
 Resedaceae 59–60, 71
 Resins 19, 23
 Rice Valley, California 43–46
Ruellia 89, 91–93, 96–98, 101–103
Salsola 25–26, 30–32
 San Bernardino Mountains, California 35–41
 San Gabriel Mountains, California 35–40
 Sand dunes, see Dunes
 Serpentine substrate 15–16, 18, 83, 85–88
 Sierra Nevada foothills, California 19, 21–22
 Sierra Nevada, California 15
 Simaroubaceae 43, 44
Simmondsia 71
 Simpson, M. G. 1–13
 Soil substrate 35, 37–41, 43–45
 Species complex 35, 38–41
 Stebbins, J. C., Winchell, C. J., Constable, J. V. H.—*Helianthus winterti* (Asteraceae), a new perennial species from the southern Sierra Nevada foothills, California 19–24
Stegnosperma 71
 Stixaceae 59, 71
Stixis 59–60, 67, 69–72
Stixis parviflora 60, 67, 69–70
 Stoughton, T. R., Jolles, D. D.—Discovery of *Claytonia lanceolata* var. *peirsonii* in the San Bernardino Mountains perpetuates a history of taxonomic uncertainty 35–42
 Successive cambia 59–60, 62, 67, 69, 71–72
 Sunflowers 19–23
Swallenia alexandrae 25–33
 Taxonomy 35, 39–40
 Tennessee 77–78, 80
 Time-calibrated phylogeny 89–99
Tirania 59, 67, 71
 Tobin, M. F. 49–57
 Tovariaceae 59, 71
Trentepohlia 77–79
 Tripp, E. A., McDade, L. A.—Time-calibrated phylogenies of hummingbirds and hummingbird-pollinated plants reject a hypothesis of diffuse co-evolution 89–103
trnG-trnR 91, 101–103
trnG-trnS 91, 101–103
 Tropaeolaceae 71
 Utah 1, 3, 5, 13
 Veno, B. A. 1–13
 Water potential 49, 52–55
 Water relations 49–55, 59, 71–72
 West Indies 59–60
 Winchell, C. J. 19–24
 Wood anatomy 59–75
 Woodiness 19, 21–22