

SBBG Research Publications
1940-present

The following bibliography includes publications of the staff of the Santa Barbara Botanic Garden as well as publications that were directly facilitated by the Garden.

1940-1959:

Books and Book Chapters:

Smith, C. 1952. A Flora of Santa Barbara. Santa Barbara Botanic Garden.

Journal Articles:

- Muller, C. H. 1952. Ecological Control of Hybridization in *Quercus*: a factor in the mechanism of evolution. *Evolution* 6:147-161.
- Muller, C. H. 1952. Los camotes del pochote (*Ceiba parvifolia*) de Puebla. *Sociedad Botanica de Mexico Boletin*. 14:18-20.
- Muller, C. H. 1952. Plant succession in arctic heath and tundra in northern Scandinavia. *Bulletin of the Torrey Botanical Club* 79:296-309.
- Walters, M. 1952. Atypical chromosome movement in meiotic anaphase of *Bromus pitensis* x *B. marginatus*. *American Journal of Botany* 39:619-625.
- Walters, M. 1952. Spontaneous chromosome breakage and atypical chromosome movement in meiosis of the hybrid *Bromus marginatus* x *B. pseudolaevipes*. *Genetics* 37:8-25.
- Stebbins, G. L., J. Jenkins, and M. Walters. 1953. Chromosomes and phylogeny in the Compositae, Tribe Cichorieae. *University of California Publications in Botany* 26:401-430.
- Muller, C. H. 1954. A new species of *Quercus* in Arizona. *Madroño* 12:140-145.
- Muller, C. H. 1954. Una nueva especie de *Quercus* de la Sierra Madre Occidental de Mexico. *Anales del Instituto de Biología de la Universidad Nacional Autónoma de Mexico. Serie Botánica*. 24:269-273.
- Walters, M. 1954. A study of pseudobivalents in meiosis of two interspecific hybrids of *Bromus*. *American Journal of Botany* 41:160-171.
- Walters, M. 1955. A study of half-chromatid fragments in meiosis of the hybrid *Bromus trinii* x *B. maritimus*. *University of California Publications in Botany* 28:1-18.
- Moseley, M. F. 1955. Studies of the Garryaceae - I. The comparative morphology and phylogeny. *Phytomorphology* 5:314-346.
- Moseley, M. F. 1956. The anatomy of the water storage organ of *Ceiba parvifolia*. *Tropical Woods* 104:61-79.
- Moseley, M. F. 1958. Morphological studies of the Nymphaeaceae. I. The nature of the stamens. *Phytomorphology* 8:1-29.
- Walters, M. 1958. Aberrant chromosome movement and spindle formation in meiosis of *Bromus* hybrids: An interpretation of spindle organization. *American Journal of Botany* 45:271-289.

1960-1969:

Journal Articles:

- Walters, M. 1960. Rates of meiosis, spindle irregularities and microsporocyte division in *Bromus trinii* x *B. carinatus*. *Chromosoma* 11:167-204.
- Moseley, M. F. 1961. Morphological studies of the Nymphaeaceae. II. The flower of *Nymphaea*.

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- Botanical Gazette 122:233-259.
- Wenner, A. 1962. Communication with queen honey bees by substrate sound. *Science* 138:446-448.
- Piehl, M. 1963. Mode of attachment, haustorium structure, and hosts of *Pedicularis canadensis*. *American Journal of Botany* 50:978-985.
- Walters, M. 1963. A nuclear body in meiosis of *Bromus*. *Chromosoma* 14:423-450.
- Philbrick, R. 1964. *Opuntia oricola*, a new Pacific Coast Species. *The Cactus and Succulent Journal* 36:163-165.
- Wenner, A. 1964. Sound communication in honeybees. *Scientific American* 210:116-124.
- Moseley, M. F. 1965. Morphological studies of the Nymphaeaceae. III. The floral anatomy of *Nuphar*. *Phytomorphology* 15:54-84.
- Walters, M. 1965. A nuclear body in microsporocytes of *Zea Mays*. *Chromosoma* 17:78-84.
- Walters, M. 1966. Development and chemical constitution of a nuclear body in microsporocytes of *Bromus*. *Heredity* 21:173-181.
- Walters, M. 1966. Non-chromosomal entities in mitosis and meiosis of *Bromus arizonicus*. *Heredity* 21:537-545.
- Walters, M. 1968. Ribonucleoprotein structures in meiotic prophase of *Zea Mays*. *Heredity* 23:39-47.

Symposium Proceedings:

- Philbrick, R., ed. 1967. Proceedings of the Symposium on the Biology of the California Islands, Santa Barbara Botanic Garden.
- Walters, M. 1968. Evidence on chromosome pairing from the pre-leptotene spiral stage in *Lilium longiflorum*. In National Meetings of the Genetics Society of America.

1970-1979:

Books and Book Chapters:

- Philbrick, R. and J. Haller. 1977. The Southern California Islands. Pages 893-906 in M. Barbour and J. Major, editors. *Terrestrial Vegetation of California*. John Wiley and Sons.

Journal Articles:

- Walters, M. 1970. Evidence on the time of chromosome pairing from the preleptotene spiral stage in *Lilium longiflorum* "Croft". *Chromosoma* 29:375-418.
- Philbrick, R. 1972. The plants of Santa Barbara Island, California. *Madroño* 21:329-393.
- Walters, M. 1972. Preleptotene chromosome contraction in *Lilium longiflorum* "Croft". *Chromosoma* 39:311-332.
- Walters, M. 1976. Variation in preleptotene chromosome contraction among three cultivars of *Lilium longiflorum*. *Chromosoma* 57:51-80.
- Vivrette, N. J. and C. H. Muller. 1977. Mechanism of invasion and dominance of coastal grassland by *Mesembryanthemum crystallinum*. *Ecological Monographs* 77:301-318.
- Walters, M. 1977. The relation of temperature to preleptotene chromosome contraction in *Lilium*. *Chromosoma* 61:23-39.
- Philbrick, R. 1978. A botanist's view of Santa Cruz Island. *Fremontia* 6:6-10.
- Walters, M. 1978. Meiosis readiness in *Lilium longiflorum* "Croft". *Chromosoma* 67:365-391.

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Hochberg, M., S. Junak, R. Philbrick, and S. Timbrook. 1979. Botany. Pages 5.1-5.85 in D. Power, editor. Natural Resources Study of Channel Islands National Monument, California. Santa Barbara Museum of Natural History.

1980:

Journal Articles:

Moran, R. and M. Benedict. 1980. *Dudleya pachyphytum* (Crassulaceae), a New Species from Isla Cedros, Mexico. *Phytologia* 47:85-87.

Walters, M. 1980. Premeiosis and meiosis in *Lilium* "Enchantment". *Chromosoma* 80:119-146.

Symposium Proceedings:

Hochberg, M. 1980. Factors Affecting Leaf Size of Chaparral Shrubs on the California Islands. Pages 189-206 in D. Power, editor. The California Islands: Proceedings of a Multidisciplinary Symposium. Santa Barbara Museum of Natural History.

Hochberg, M., Junak, R. Philbrick, and S. Timbrook. 1980. Historical Changes in the Vegetation of Anacapa Island. Pages 431-446 in Proceedings of the Second Conference on Scientific Research in the National Parks. National Park Service.

Junak, S., M. Hochberg, R. Philbrick, and S. Timbrook. 1980. Plant Communities of Anacapa Island, California. Pages 221-231 in Proceedings of the Second Conference on Scientific Research in the National Parks. National Park Service.

Philbrick, R. 1980. Distribution and Evolution of Endemic Plants of the Channel Islands. Pages 173-187 in D. Power, editor. The California Islands: Proceedings of a Multidisciplinary Symposium. Santa Barbara Museum of Natural History.

Vivrette, N. 1980. Zonation of Coastal Plant Species and Their Correlation with Salt Levels in the Soil. Pages 207-213 in D. Power, editor. The California Islands: Proceedings of a Multidisciplinary Symposium. Santa Barbara Museum of Natural History.

Technical Reports:

Hochberg, M., S. Junak, and R. Philbrick. 1980. Botanical Study of Santa Cruz Island for the Nature Conservancy. Santa Barbara Botanic Garden.

1981-1989:

Books and Book Chapters:

Emery, D. 1988. Seed Propagation of Native California Plants. Santa Barbara Botanic Garden.

Journal Articles:

Moran, R. and M. Benedict. 1981. *Dudleya pachyphytum* of Isla Cedros, Mexico. *Cactus and Succulent Journal* 53:132-136.

Tanowitz, B., S. Junak, and D. Smith. 1984. Terpenoids of *Hyptis emoryi*. *Journal of Natural Products* 47:739-740.

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Odion, D. 1985. Noteworthy collection of *Dicentra pauciflora*. *Madroño* 32:57.

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- Timbrook, S. 1985. Problems of lectotypification in *Langloisia* (Polemoniaceae). *Taxon* 34:522-524.
- Walters, M. 1985. Meiosis readiness in *Lilium*. *Canadian Journal of Genetics and Cytology* 27:33-38.
- Davis, W. and R. Philbrick. 1986. Natural Hybridization between *Malacothrix incana* and *M. saxatilis* var. *implicata* (Asteraceae:Lactuceae) on San Miguel Island, California. *Madroño* 33:253-263.
- Ferren, W., S. Junak, and M. Barkworth. 1986. Noteworthy Collections:California. *Stipa diegoensis* Swallen (Poaceae). *Madroño* 33:309-310.
- Timbrook, S. 1986. Segregation of *Loeseliastrum* from *Langloisia* (Polemoniaceae). *Madroño* 33:157-174.
- Michaelsen, J., L. Haston, F. W. Davis. 1987. 400 Years of Central California Precipitation Variability Reconstructed from Tree-Rings. *Journal of the American Water Resources Association* 23:809-818.
- Thorne, R. and S. Junak. 1988. Vascular Plants of Las Isla de Todos Santos, Northwestern Baja California, Mexico. *Crossosoma* 14:4-7.
- Thorne, R. and S. Junak. 1989. The Vascular Plants of Isla San Martin, Baja California, Mexico. *Crossosoma* 15:5-7.

Symposium Proceedings:

- Odion, D. C. and N. M. Nadkarni. 1985. The effects of seeding an exotic grass (*Lolium multiflorum*) on native seedling regeneration following fire in a chaparral community. Pages 115-121 in J. J. DeVries (ed), *Proceedings of the Symposium on Chaparral Ecosystems*. University of California, Davis, Water Resources Center, Report 62.
- Bornstein, C., M. Carroll, and D. Odion. 1987. Revegetation in Santa Barbara County; enduring dilemmas and potential solutions. Pages 76-91 in *Proceedings of the Native Plant Revegetation Symposium*. California Native Plant Society.
- Odion, D., T. Dudley, and C. D'Antonio. 1987. Cattle grazing in southeastern Sierran meadows:ecosystem change and prospects for recovery. Pages 277-292 in C. A. Hall and V. Doyle-Jones (eds.), *Plant Biology of Eastern California Natural History of the White-Inyo Range Symposium*. White Mountain Research Station, Symposium Volume 2.

Technical Reports:

- Junak, M., S. Junak, and R. Philbrick. 1983. A Comparison of Vegetation Transect Measurements Made on Santa Barbara Island in 1978, 1979, 1982. Santa Barbara Botanic Garden.
- Philbrick, R., S. Junak, and M. Carroll. 1987. Checklist of Vascular Plants of Channel Islands National Park. Southwest Parks and Monuments Association.

1990:

Symposium Proceedings:

- Davis, W. and S. Junak. 1990. Hybridization between *Malacothrix polycephala* and *M. incana* (Asteraceae) on San Nicolas Island; California. Pages 147-157 in *Proceedings of the Fifth Biennial Mugu Lagoon / San Nicolas Island Ecological Research Symposium*. Naval Air Station.

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Junak, S. and J. Vanderwier. 1990. An Annotated Checklist of the Vascular Plants of San Nicolas Island, California. Pages 121-145 in Proceedings of the Fifth Biennial Mugu Lagoon / San Nicolas Island Ecological Research Symposium. Naval Air Station.

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Journal Articles:

Junak, S. 1991. The Herbarium: A Botanical Encyclopedia. Public Garden 6:17-19, 38.

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Books and Book Chapters:

Junak, S., R. Philbrick, and C. Drost. 1993. A Revised Flora of Santa Barbara Island: An Annotated Catalog of the Ferns and Flowering Plants and a Brief History of Botanical Exploration. Pages 54-112 in Daily, M. (ed), Santa Barbara Island. Occasional Paper 6. Santa Cruz Island Foundation, Santa Barbara, CA.

Wilken, D. 1993. Taxonomic treatments in Hickman, J. (ed.), The Jepson Manual: Higher Plants of California. University of California Press, Berkeley. 1993. as follows: Selaginellaceae, Anacardiaceae, Asteraceae (Hulsea), Balsaminaceae, Boraginaceae in part (6 genera with W. Kelley or R. Kelley), Caryophyllaceae (Silene), Chenopodiaceae in part (16 genera and Atriplex with D. Taylor), Hydrophyllaceae (Phacelia with R. Halse and R. Patterson), Juglandaceae, Lamiaceae in part (17 genera), Oleaceae, Polemoniaceae (3 genera and Phlox with R. Patterson), Portulacaceae (Calyptrium with W. Kelley), Ranunculaceae in part (14 genera), Rosaceae (4 genera), Tamaricaceae, Ulmaceae, Verbenaceae, Orchidaceae with W. Jennings, and Poaceae in part (25 genera and Bromus with E. Painter).

Journal Articles:

Carlquist, S. 1993. Wood and bark anatomy of Aristolochiaceae: systematic and habitat correlations. International Association of Wood Anatomists Journal 14:341-357.

Carlquist, S., P. Morrell, and S. Manchester. 1993. Wood anatomy of Sabiaceae (*s. l.*): ecological and systematic implications. Aliso 13:521-549.

Wilken, D. 1993. Continuing traditions: A new Jepson Manual and a plaza at Sonoma. Fremontia 21: 3-6.

Symposium Proceedings:

Carroll, M., L. Laughrin, and A. Bromfield. 1993. Fire on the California Islands: Does it Play a Role in Chaparral and Closed Cone Pine Forest Habitats? Pages 73-88 in F. Hochberg, editor. Third California Islands Symposium: Recent Advances in Research on the California Islands. Santa Barbara Museum of Natural History.

Davis, W. and S. Junak. 1993. Hybridization between *Malacothrix polycephala* and *M. incana* (Asteraceae) on San Nicolas Island; California. Pages 89-95 in F. Hochberg, editor. Third California Islands Symposium: Recent Advances in Research on the California Islands. Santa Barbara Museum of Natural History.

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Jones, J., S. Junak, and R. Paul. 1993. Progress in Mapping Vegetation on Santa Cruz Island and a Preliminary Analysis of Relationships with Environmental factors. Pages 97-104 in F. Hochberg, editor. Third California Islands Symposium:Recent Advances in Research on the California Islands. Santa Barbara Museum of Natural History.

1994:

Books and Book Chapters:

Carlquist, S. 1994. Anatomy of tropical alpine plants. Pages 111-128 in P. W. Rundel, A. P. Smith, and F. C. Meinzer, editors. Tropical alpine environments. Cambridge University Press.

Journal Articles:

Carlquist, S. 1994. Wood and bark anatomy of *Gnetum gnemon*. Botanical Journal of the Linnean Society 116:203-221.

Carlquist, S., E. Schneider, and R. Miller. 1994. Wood and bark anatomy of *Argemone* (Papaveraceae). International Association of Wood Anatomists Journal 15:247-255.

Schneider, E. and P. Williamson. 1994. Morphological Studies of the Nymphaeaceae. XX Floral Aspects of *Barclaya* (Nymphaeaceae): pollination; ontogeny and structure. Plant Systematics and Evolution [Suppl] 8:159-173.

Wilken, D. 1994. Review of Weber, W. and R. Wittmann. Catalog of the Colorado Flora: A Biodiversity Baseline in Great Plains Quarterly 14:152-153.

Symposium Proceedings:

Junak, S. and R. Philbrick. 1994. The Flowering Plants of San Martin Island, Baja California, Mexico. Pages 429-4478 in W. Halvorson and G. Maender, editors. The Fourth California Islands Symposium:Update on the Status of Resources. Santa Barbara Museum of Natural History.

Junak, S. and R. Philbrick. 1994. The Vascular Plants of Todos Santos Island, Baja California, Mexico. Pages 407-428 in W. Halvorson and G. Maender, editors. The Fourth California Islands Symposium:Update on the Status of Resources. Santa Barbara Museum of Natural History.

Laughrin, L., M. Carroll, A. Bromfield, and J. Carroll. 1994. Trends in Vegetation Changes with Removal of Feral Animal Grazing Pressures on Santa Catalina Island. Pages 523-530 in W. Halvorson and G. Maender, editors. The Fourth California Islands Symposium:Update on the Status of Resources. Santa Barbara Museum of Natural History.

1995:

Books and Book Chapters:

Junak, S., T. Ayers, R. Scott, D. Wilken, and D. Young. 1995. A Flora of Santa Cruz Island. Santa Barbara Botanic Garden and California Native Plant Society. 397 Pages

Carlquist, S. 1995. Introduction. Pages 1-13 in W. L. Wagner and V. A. Funk, editors. Hawaiian Biogeography:Evolution on a hot-spot archipelago. Smithsonian Press.

Les, D. H. and E. L. Schneider. 1995. The Nymphaeales, Alismatidae, the theory of aquatic

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Journal Articles:

- Carlquist, S. 1995. Comparative wood anatomy: new directions and opportunities. in M. Iqbal, editor. *The cambium and its products*. *Handbuch der Pflanzenanatomie Spezieller* 9:173-185.
- Carlquist, S. 1995. Wood anatomy of Berberidaceae: ecological and phylogenetic considerations. *Aliso* 14:85-103.
- Carlquist, S. 1995. Wood anatomy of Caryophyllaceae: ecological, habitat, systematic, and phylogenetic implications. *Aliso* 14:1-17.
- Carlquist, S. 1995. Wood anatomy of Ranunculiflorae: a summary. *Plant Systematics and Evolution* suppl. 9:11-24.
- Carlquist, S. 1995. Wood and bark anatomy of Ranunculaceae (including Hydrastis) and Glaucidaceae. *Aliso* 14:65-84.
- Carlquist, S., K. Dauer, and S. Nishimura. 1995. Wood and stem anatomy of Saururaceae with reference to ecology, phylogeny, and origin of the monocotyledons. *International Association of Wood Anatomists Journal* 16:133-150.
- Carlquist, S. and D. Gowans. 1995. Secondary growth and wood histology of *Welwitschia*. *Botanical Journal of the Linnean Society* 118:107-121.
- Carlquist, S. and A. Robinson. 1995. Wood and bark anatomy of the African species of *Gnetum*. *Botanical Journal of the Linnean Society* 118:123-137.
- Carlquist, S. and E. Wilson. 1995. Wood anatomy of *Drosophyllum* (Droseraceae), ecological and phylogenetic considerations. *Bulletin of the Torrey Botanical Club* 122:185-189.
- Junak, S. and D. Wilken. 1995. Flora of Santa Cruz Island: Historic Condition and Recent Changes. *Fremontia* 23:12-16.
- Rhui-cheng, F. and D. Wilken. Polemoniaceae. 1995. In Wu Zheng-yi and P. Raven (eds.). *Flora of China* 16 (Pages 326-327), Science Press (Beijing) and Missouri Botanical Garden.
- Schneider, E. and S. Carlquist. 1995. Vessel origins in Nymphaeaceae: *Euryale* and *Victoria*. *Botanical Journal of the Linnean Society* 119:185-193.
- Schneider, E. and S. Carlquist. 1995. Vessels in the root of *Barclaya rotundifolia* (Nymphaeaceae). *American Journal of Botany* 82:1343-1349.
- Schneider, E., S. Carlquist, K. Beamer, and A. Kohn. 1995. Vessels in Nymphaeaceae: *Nuphar*, *Nymphaea*, and *Ondinea*. *International Journal of Plant Science* 156:857-862.
- Wilken, D. 1995. Flowers in the garden: what next for California floristics? *Madroño* 42:142-153.

Technical Reports:

- Junak, S., W. Halvorson, C. Schwemm, and T. Keeney. 1995. Sensitive Plants of San Nicolas Island, California (Phase 1). Technical Report 51. National Biological Service, Cooperative Park Studies Unit; University of Arizona.

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- Northington, D., E. L. Schneider, and D. C. Scheirer. 1996. The Botanical World, 2nd ed. edition. Wm. C. Brown Publishers.
- Carlquist, S. 1996. Materials for anatomical and ultrastructural studies:pollen, wood, and pickled materials. Pages 143-156 in T. F. Stuessy and S. H. Sohmer, editors. Sampling the green world. Columbia University Press.
- Carlquist, S. 1996. Plant dispersal and the origin of Pacific island floras. Pages 153-164 in A. Keast and S. Miller, editors. The origin and evolution of Pacific island biotas; New Guinea to eastern Polynesia:patterns and processes. SBP Academic Publishing bv.
- Carlquist, S. 1996. Wood anatomy of primitive angiosperms:new perspectives and synthesis. Pages 68-90 in D. W. Taylor and L. J. Hickey, editors. Flowering plant origin, evolution, and phylogeny. Chapman & Hall.
- Junak, S. 1996. A History of Botanical Exploration and Discovery on Santa Rosa Island. Pages 168-191 in K. Blankenship Allen (Editor). Island of the Cowboys, Santa Rosa Island. Occasional Paper 7. Santa Cruz Island Foundation, Santa Barbara, CA.

Journal Articles:

- Carlquist, S. 1996. Wood anatomy of Akaniaceae and Bretschneideraceae: a case of near-identity and its systematic implications. Systematic Botany 21:607-616.
- Carlquist, S. 1996. Wood and bark anatomy of lianoid Indomalaysian and Asiatic species of *Gnetum*. Botanical Journal of the Linnean Society 121:1-24.
- Carlquist, S. 1996. Wood and stem anatomy of Menispermaceae. Aliso 14:155-170.
- Carlquist, S. 1996. Wood, bark and stem anatomy of Gnetales:a summary. International Journal of Plant Science 157(supplementary issue):S57-S76.
- Carlquist, S. 1996. Wood, bark and stem anatomy of New World species of *Gnetum*. Botanical Journal of the Linnean Society 120:1-19.
- Carlquist, S., and C. J. Boggs. 1996. Wood anatomy of Plumbaginaceae. Bulletin of the Torrey Botanical Club 123:135-147.
- Carlquist, S. and C. J. Donald. 1996. Wood anatomy of Limnanthaceae and Tropaeolaceae in relation to habit and phylogeny. Sida 17:333-342.
- Schneider, E. and S. Carlquist. 1996. Conductive tissue of *Ceratophyllum demersum* (Ceratophyllaceae). Sida 178:437-443.
- Schneider, E. and S. Carlquist. 1996. Vessel Origin in *Cabomba*. Nordic Journal of Botany 16:637-642.
- Schneider, E. and S. Carlquist. 1996. Vessels in *Brasenia* (Cabombaceae):New Perspectives on Vessel Origin in Primary Xylem of Angiosperms. American Journal of Botany 83:1236-1240.
- Schneider, E. and S. Carlquist. 1996. Vessels in *Nelumbo* (Nelumbonaceae). American Journal of Botany 83:1101-1106.
- Schneider, E. and P. S. Williamson. 1996. *Barclaya rotundifolia* M. Hotta (Nymphaeaceae). Aqua Planta.

Symposium Proceedings

- Wilken, D. 1996. Demography of *Ipomopsis aggregata* ssp. *weberi*, a rare plant of northern Colorado. Pages 13-18 in J. Maschinski et al. (eds.) Proceedings, Second Southwestern Rare and Endangered Plants Conference. USDA, Forest Service, Flagstaff, AZ.

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- Halvorson, W., S. Junak, C. Schwemm, and T. Keeney. 1996. Plant Communities of San Nicolas Island, California. Technical Report 55. National Biological Service; Cooperative Park Studies Unit; University of Arizona.
- Junak, S., W. Halvorson, C. Schwemm, and T. Keeney. 1996. Sensitive Plants of San Nicolas Island, California (Phase 2). Technical Report 57. U.S. Geological Survey; Cooperative Park Studies Unit; University of Arizona.
- Wilken, D. 1996. Reproductive Strategies of Four Plants Restricted to the Northern Channel Islands.

1997:

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- Carlquist, S. 1997. *Pentaphragma*: a unique wood and its significance. International Association of Wood Anatomists Journal 18:3-12.
- Carlquist, S. 1997. Peter H. Raven--recipient of the 1996 Asa Gray Award. Systematic Botany 22:1-3.
- Carlquist, S. 1997. Shifting paradigms in island biology. Aliso 16:85-88.
- Carlquist, S. 1997. Wood anatomy of *Argyroxiphium* (Asteraceae): adaptive radiation and ecological correlations. Journal of the Torrey Botanical Society 124:1-10.
- Carlquist, S. 1997. Wood anatomy of Buddlejaceae. Aliso 15:41-56.
- Carlquist, S. 1997. Wood anatomy of Resedaceae. Aliso 16:127-135.
- Carlquist, S. 1997. Wood anatomy of Portulacaceae and Hectorellaceae: ecological, habitat, and systematic implications. Aliso 16:127-153.
- Carlquist, S. and E. Schneider. 1997. Origins and nature of vessels in Monocotyledons. 1. *Acorus*. International Journal of Plant Science 158:51-56.
- Carlquist, S. and E. Schneider. 1997. Origins and nature of vessels in Monocotyledons. 2. Juncaginaceae and Scheuchzeriaceae. Nordic Journal of Botany 17:397-401.
- Carlquist, S. and E. Schneider. 1997. SEM studies on vessels in ferns. 2. *Pteridium*. American Journal of Botany 84:581-587.
- Carlquist, S. and E. Schneider. 1997. SEM studies on vessels in ferns. 3. *Phlebodium* and *Polystichum*. International Journal of Plant Science 158:343-349.
- Carlquist, S. and E. Schneider. 1997. SEM studies on vessels in ferns. 4. *Astrolepis*. American Fern Journal 87:43-50.
- Carlquist, S., E. Schneider, and G. Yatskievych. 1997. SEM studies on vessels in ferns. 1. *Woodsia obtusa* (Sprengel) Torrey (Dryopteridaceae). American Fern Journal 87:1-8.
- Junak, S. 1997. Alien Plants on the Channel Islands. **Alolkoy 10:3.**
- Les, D. H., E. L. Schneider, and D. J. Padget. 1997. Water lily relationships revisited: Lessons learned from anatomy and molecules. The Water Garden Journal 13:21-28.
- Ross, T., S. Boyd, and S. Junak. 1997. Additions to the Vascular Flora of San Clemente Island, Los Angeles County, California, with Notes on Clarifications and Deletions. Aliso 15:27-40.
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Junak, S. 1997. Northern Channel Islands. In P. M. Faber, editor. California's Wild Gardens: A Living Legacy.

Junak, S. and C. Bornstein. 1997. Plants from California's Northern Channel Islands with Horticultural Potential. Pages 62-75 in B. O'Brien, L. Fuentes, and L. Newcombe, editors. Out of the Wild and into the Garden I: A Symposium of California's Horticulturally Significant Plants. Occasional Publication 1. Rancho Santa Ana Botanic Garden.

Oberbauer, T. and S. Junak. 1997. Channel Islands. in California's Wild Gardens.

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Junak, S., S. Chaney, R. Philbrick, and R. Clark. 1997. A Checklist of Vascular Plants of Channel Islands National Park (Second Edition). Southwest Parks and Monument Association.

McEachern, K., D. Wilken, and K. Chess. 1997. Inventory and monitoring of California island candidate plant taxa. Report to Species at Risk program, USGS-Biological Research Division. Open File Report 2000-73, Ventura, California. 46 Pages

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Bratt, C. and T. L. Esslinger. 1998. The *Heterodermia erinacea* group in North America, and a remarkable new disjunct distribution. Pages 25-36 in M. G. Glenn, R. C. Harris, R. Dirig, and M. S. Cole, editors. Lichenographia Thomasiana: North American Lichenology in Honor of John W. Thomson. Mycotaxon, Ltd.

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