

THE GRAND CANON
SPECIALIZED BIBLIOGRAPHY SERIES

BOTANY
of the
GRAND CANYON REGION

THIRD EDITION

EARLE E. SPAMER

RAVEN'S PERCH MEDIA • 2025

BIBLIOGRAPHY OF BOTANY OF THE GRAND CANYON REGION

Citations are extracted from

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A WORLDWIDE BIBLIOGRAPHY OF THE
GRAND CANYON AND LOWER COLORADO RIVER REGIONS
IN THE UNITED STATES AND MEXICO

VOLUME I, PART B : BIBLIOGRAPHY

CATALOGERS NOTE

canon : *a standard or
essential list of works*

The Grand Canon

not The Grand Canyon



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PREFACE

CITATIONS IN THE SPECIALIZED BIBLIOGRAPHY SERIES have been extracted from Volume 1/Part B of *THE GRAND CANON*, a far more expansive bibliography of the Grand Canyon and Lower Colorado River regions of southwestern North America. *THE GRAND CANON* is a series of publications accessible online at <https://ravensperch.org>.

The publications listed in this bibliography are specifically about botanical taxa or topics that address them. Items that are not organismally focused studies, or that do not specially mention botanical topics—for example, more broadly focused ecological investigations or studies of environmental concerns—do not appear in this specialized bibliography. For citations that relate to broader ecological and environmental matters, which otherwise are about the environments of this region, consult the much more comprehensive listings in Part 19 of *THE GRAND CANON*, Volume 1).

Each citation here includes an Item number (for example, 19.4217; the prefix “19.” indicates that it is from Part 19 of the much larger bibliography, *THE GRAND CANON*, Volume 1/Part B (Bibliography)); other prefixes indicate that they are sourced from other enumerated parts of the main bibliography. These Item numbers serve as serial numbers only, which uniquely identify citations throughout *THE GRAND CANON*. Numbers are assigned as citations are acquired for the bibliography, thus they do not follow in order.

See <https://ravensperch.org> for everything pertaining to the complete Grand Canyon–Lower Colorado River bibliography.

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Historical Bibliography of Bioecology and Conservation of Kaibab Deer** [2024]

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ANONYMOUS

PUBLICATION NOT DATED: DATE NOT DETERMINED NOR ESTIMATED

- NO DATE 19.1 *Life zones and ecosystems.* Grand Canyon Natural History Association, pamphlet.
- NO DATE 19.2263 Restoring the Uinkaret Mountains: Operational lessons and adaptive management practices. *Working Papers in Southwestern Ponderosa Pine Forest Restoration* (Northern Arizona University, Ecological Restoration Institute), (1), 8 pp.
- NO DATE 19.2264 Understory plant community restoration in the Uinkaret Mountains, Arizona. *Working Papers in Southwestern Ponderosa Pine Forest Restoration* (Northern Arizona University, Ecological Restoration Institute), (2), 4 pp.
-

PUBLICATION NOT DATED: DATE ESTIMATED, ATTRIBUTED, OR KNOWN FROM ORIGINAL RECEIPT

- NO DATE 19.3 *Aliens invade Grand Canyon!* [U.S. National Park Service, Grand Canyon National Park], [2] pp. [Non-native plants.] [Copy received from Grand Canyon, 1995.] [Fact sheet.]
- NO DATE 19.4386 *Adventurers and Scientists for Conservation : 2011 highlights.* [No place]: Adventurers and Scientists for Conservation, 21 pp. [See pp. 10-11, "Featured Connection; Grand Canyon Diatom Sampling; Arizona". Lucy Marcus.] [2012?]
- NO DATE 19.5193 *Native plants of the Vermilion Cliffs.* [No place]: Grand Canyon Trust, Friends of the Cliffs, and U.S. Bureau of Land Management, folded brochure. [2016.]
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BIBLIOGRAPHY OF BOTANY OF THE GRAND CANYON REGION

Anonymous (continued)

DATED PUBLICATIONS, GROUPED BY YEAR

| | | |
|------|---------|--|
| 1894 | 19.3612 | [Notice of description of <i>Ostrya knowltonii</i> Cov. from Grand Canyon.] <i>In</i> : News and Notes [SECTION]. <i>Botanical Gazette</i> , 19(5) (May): 212. |
| 1895 | 19.4815 | [Marcus E. Jones.] <i>In</i> : De Alumnis [SECTION]. <i>The Unit</i> (Iowa College), 10(4) (February 23): 39. ["A letter from Marcus E. Jones [class of 1875] informs us that he will be in Washington until May and that his book on the botany of the Grand Canyon district will be out soon thereafter." (ENTIRE NOTE)] [<i>NOTE</i> : No monograph on the subject by the author has been identified.] |
| 1895 | 19.3208 | New or little-known plants. Agave Utahensis. <i>Garden and Forest</i> , 8 (September 25): 384, 385. |
| 1899 | 19.3231 | [Forest fire on Kaibab Plateau.] <i>In</i> : Forest Fires [SECTION]. <i>The Forester</i> (American Forestry Association), 5(7) (July): 168. ["Kanab, Utah.—Three immense forest fires swept Buckskin mountains, in northern Arizona and southern Utah. Over 100 square miles of timber on the Grand Canon forest reserve were destroyed." (ENTIRE NOTE)] |
| 1899 | 19.3279 | [T. H. Macbride plans to work at Grand Canyon.] <i>In</i> : News [SECTION]. <i>Botanical Gazette</i> , 28(1) (July): 79. [". . . Professor T. H. Macbride will probably spend the summer in the Grand Cañon of the Colorado, studying the forest problems there for report to the United States Department of Agriculture, and incidentally picking up the fungi of the region." (ENTIRE NOTE)] |
| 1901 | 19.3180 | Arizona's pine forest reserve. <i>The School Journal</i> , 62(25) (June 22): 706. [Brief note.] |
| 1903 | 19.3475 | The Botanical Laboratory of the Carnegie Institution. <i>Scientific American Supplement</i> , 56(1444) (September 5): 23145. [Includes note of exploration in the bottom of Grand Canyon. Credited to <i>New York Times</i> .] |
| 1904 | 19.4067 | Accessions. <i>New York Botanical Garden, Journal</i> , 5(49) (January): 17-24. [See p. 23: "1 specimen of <i>Fraxinus</i> from the Grand Cañon of the Colorado. (Given by Miss Alice Eastwood.)" (ENTIRE NOTE)] |
| 1907 | 19.4816 | Third Summer Meeting; Wareham and Lytchett Heath. <i>In</i> : The Proceedings of the Dorset Natural History and Antiquarian Field Club During the Season 1906-1907 [SECTION]. <i>Dorset Natural History and Antiquarian Field Club, Proceedings</i> , 28: lxxvii-lxxviii. [See p. lxxiv: On viewing Mariposa lilies during a field trip to Lytchett Heath, the "guide told them that when she was with her husband in the Grand Canon they rode through them as one would ride through fields of buttercups." (ENTIRE NOTE)] |
| 1909 | 19.6 | [Untitled note.] <i>The Nautilus</i> (Philadelphia), 23(6) (November): 84. [Entire note reads: "Messrs. Ferriss and Daniels are exploring the Kaibab and Kanab plateaus for shells and ferns. In this little-known country north of the Grand Canyon of the Colorado, they report beautiful scenery, a superb climate, and plenty of shells." [See Pilsbry and Ferriss, 1911, <i>ITEM NO.</i> 19.1336; and for a related article see also Ferriss, |

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Anonymous (continued)

1910, [ITEM NO. 19.600](#). Also see historical articles relating to the Pilsbry-Ferriss trip by Spamer, 2015, [ITEM NO. 2.22222](#); and the Ferriss-Daniels trip by Orr, 1910, [ITEM NO. 2.7280](#), and Spamer, 2016, [ITEM NO. 2.24105](#) (these are in [THE GRAND CANON Volume 1/Part B](#).)

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|------|---------|---|
| 1913 | 19.6450 | Utah's theoretical forests. <i>Railway and Marine News</i> (Seattle, Washington), 11(12) (August 1): 15. [". . . outside of the Panguitch pine forests, and some of the timbered section bordering on the Grand Canyon of the Colorado, and Kaibab Plateau, there is probably no marketable timber procurable in the whole state of Utah."] |
| 1913 | 19.3505 | Timber resources of Utah. <i>The Timberman</i> (Portland, Oregon), 15(1) (November): 51. [Includes Kaibab Plateau, Arizona.] |

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|------|---------|---|
| 1914 | 19.3506 | National Forest sale. <i>The Timberman</i> (Portland, Oregon), 15(3) (January): 48. [Government authorization of "the sale of a billion feet of timber from the Kaibab forest in southern Utah and northern Arizona" Also notes authority for the construction of a railroad by the purchasers.] |
| 1914 | 19.6596 | Government offers billion feet of timber. <i>In: Congress and Legislation</i> [SECTION]. <i>American Lumberman</i> (Chicago), (2017) (January 10): 43-44. [Kaibab Plateau.] [Also note boxed notice, p. 51, "National Forest Timber For Sale. One Billion Feet Eighty Per Cent Yellow Pine".] |
| 1914 | 19.6597 | Kaibab National Forest timber sale. <i>In: Inland Empire</i> [SECTION]. <i>American Lumberman</i> (Chicago), (2018) (January 17): 68. [Kaibab Plateau.] |
| 1914 | 19.4578 | Proposed large timber sale. <i>In: Pertinent Information</i> [SECTION]. <i>Hardwood Record</i> (Hardwood Co., Chicago), 37(7) (January 25): 60. [Kaibab Plateau.] |
| 1914 | 19.4602 | [Kaibab Plateau timber sale.] <i>In: Railway Information</i> [SECTION]. <i>The Railway Conductor</i> , 31(2) (February): 126. |
| 1914 | 19.3507 | [Kaibab Plateau timber sale.] <i>In: Salt Lake and Utah</i> [SECTION]. <i>The Timberman</i> (Portland, Oregon), 15(7) (May):. |
| 1914 | 19.3563 | [Botanical field trip.] <i>In: News Items</i> [SECTION]. <i>Torreya</i> , 14(6) (June): 113. ["Mr. W. W. Eggleston left New York May 8 for a trip, during May and June, to the Manti, Fillmore and Fish Lake Forests, Utah and the Kaibab Forest, northern Arizona. This latter region, north of the Grand Canon, Arizona, is very little known botanically, having been visited by Mr. Ivar Tidestrom in 1909, but perhaps not previously, by botanists." (ENTIRE ITEM)] |
| 1914 | 19.4576 | [Kaibab Plateau timber sale.] <i>In: News and Notes</i> [SECTION]. <i>Forestry Quarterly</i> , 12(2) (June): 301-302. |
| 1914 | 19.3508 | [Kaibab Plateau timber sale.] <i>In: Salt Lake and Utah</i> [SECTION]. <i>The Timberman</i> (Portland, Oregon), 15(9) (July): 62. [Plans for Southwestern Pacific Railroad (newly incorporated) to utilize Kaibab timber for a new road between Denver and San Diego. "The new line will pass through the Kaibab plateau and skirt the Grand Canyon of the Colorado in Utah and Arizona."] |
| 1914 | 19.4577 | [Kaibab Plateau timber sale.] <i>In: News and Notes</i> [SECTION]. <i>Forestry Quarterly</i> , 12(4) (December): 647. |

BIBLIOGRAPHY OF BOTANY OF THE GRAND CANYON REGION

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| 1915 | 19.4331 | Flowering ashes. <i>Harvard University, Arnold Arboretum, Bulletin of Popular Information</i> , New Series, 1(6) (May 31): 23-24. [Notes range of <i>Fraxinus dipetala</i> "as far north as the rim of the Grand Cañon of the Colorado River" (ENTIRE NOTE).] |
| 1916 | 19.3586 | [Alice Eastwood collected plants for five days in Grand Canyon on Hermit and Grandview Trails.] <i>In</i> : Scientific Notes and News [SECTION]. <i>Science</i> , New Series, 44 (July 21): 99. |
| 1916 | 19.3224 | [Alice Eastwood collected plants for five days in Grand Canyon on Hermit and Grandview Trails.] <i>In</i> : News Items [SECTION]. <i>Torreya</i> , 16(8) (August): 191. |
| 1916 | 19.3585 | Meeting of October 3, 1916. <i>In</i> : Proceedings of the New York Entomological Society [SECTION]. <i>New York Entomological Society, Journal</i> , 24(4) (December): 309-. [See p. 310: Minutes record a presentation by Dr. Ottolengui to the West, noting the abundance of "blue aster-like flowers at Grand Canyon". (ENTIRE NOTE)] |
| 1922 | 19.4084 | Undeveloped timber section of Arizona; over one billion feet contained in the 300,000-acre area. <i>The Timberman</i> (Portland, Oregon), 23(5) (March): 114, 117. [Kaibab Plateau.] |
| 1930 | 19.5382 | Left-overs. <i>Grand Canyon Nature Notes</i> , 4(7) (May 31): 47. [Includes brief notes of porcupine on Bright Angel Trail near top, and inky-cap mushrooms "on the South Rim within a foot of a snowbank, March 14th".] |
| 1931 | 19.56 | [Early canyon-bottom flowers.] <i>Grand Canyon Nature Notes</i> , 5(4) (February): 36. |
| 1931 | 19.57 | [Catkins fallen from cottonwood trees at Phantom Ranch; many trees in bud.] <i>Grand Canyon Nature Notes</i> , 5(4) (February): 38. |
| 1933 | 19.64 | Additions to Grand Canyon herbarium. <i>Grand Canyon Nature Notes</i> , 7(11) (February): 118. ["Eighty-three new plants have recently been added to the Grand Canyon Herbarium[.]. The specimens represent collections from both rims and from the interior of the canyon. They were identified at the National Herbarium in Washington through the courtesy of Dr. Frederick Coville." (ENTIRE ITEM)] |
| 1938 | 19.4123 | Grand Canyon. <i>In</i> : Here and There on the Desert [SECTION]. <i>Desert Magazine</i> , 1(5) (March): 20. ["Shrubs are budding in the Grand Canyon National Park as a result of unusually mild winter weather." (ENTIRE NOTE)] |
| 1983 | 19.6087 | Update on 2,4-D appeal in Arizona Strip. <i>Canyon Echo</i> (Sierra Club, Grand Canyon Chapter), 19(6) (August): 7. [Herbicide 2,4-Dichlorophenoxyacetic acid.] |
| 1984 | 19.80 | <i>Life on the canyon rim</i> . Grand Canyon Natural History Association, [8] pp. (The Rim Trail series.) |

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| 1985 | 19.3619 | The endangered plant program in Arizona: A summary. <i>The Plant Press</i> (Arizona Native Plant Society), 9(1) (Spring): 2-5. |
| 1986 | 19.4016 | The endangered plant program in Arizona: An update. <i>The Plant Press</i> (Arizona Native Plant Society), 10(1) (Spring): [unpaginated]. |
| 1990 | 19.83 | Noteworthy collections; Arizona. <i>Madroño</i> , 37(1): 60-62. |
| 1992 | 19.3784 | Havasupai sunflower: Unique resistance to major crop disease. <i>The Seedhead News</i> (Native Seeds/SEARCH, Tucson), (36) (Spring Equinox): [1]. |
| 1993 | 19.4809 | [Brief response to] Wuddyathink? On trimming tamarisks. . . <i>The News</i> (Grand Canyon River Guides), 6(3) (Late Summer): 17. [Ellipsis is part of title.] [Item signed "Russell".] |
| 1993 | 19.3624 | Highlights of Native Seeds' 1992 annual report. <i>Seedhead News</i> (Native Seeds/SEARCH, Tucson), (41/42) (Summer/Autumn): 12. [Includes notes on rust-resistant Havasupai sunflower and Havasupai tribe cultivars.] |
| 1995 | 19.6760 | A grand celebration. <i>In</i> : Notices [SECTION]. <i>National Parks</i> , 69(1/2) (January/February): 47. [National Parks and Conservation Association presents Grand Canyon National Park "with \$12,200—raised through a promotion with Matrix Essentials—to support native plant revegetation projects."] |
| 1996 | 19.126 | Revegetation Day for Association members. <i>Canyon Views</i> (Grand Canyon Association), 2(1): 8. [See also Frazier, John (1996).] |
| 1998 | 19.3622 | Plant conservation in Grand Canyon National Park. <i>The Plant Press</i> (Arizona Native Plant Society), 22(1) (Winter/Spring): 7. [Brief news note regarding removal of non-native plants and planting of native species.] |
| 1998 | 19.4103 | Grant funds endangered plant monitoring. <i>In</i> : Highlights [SECTION]. <i>Park Science</i> (U.S. National Park Service), 18(1) (July): 5. [National Fish and Wildlife Foundation's Native Plant Conservation Initiative. Sentry milk-vetch on South Rim of Grand Canyon; Hevron milk-vetch on Navajo Nation lands at Marble Canyon; newly discovered population, possibly a new variety, on the North Rim.] |
| 2002 | 19.4434 | A southwestern tour. <i>Espinas y Flores</i> (San Diego Cactus and Succulent Society), 37(3) (March): 2. [Notice of presentation to be made by Juergen Menzel, to "focus primarily on <i>Pediocactus</i> and <i>Sclerocactus</i> ", featuring "many famous cacti localities like Marble Canyon, the Grand Canyon, and Little Colorado."] |
| 2002 | 19.2254 | Old growth legacy; preserving the remaining 5 percent of Southwest old growth ponderosa pines. <i>Canyon Echo</i> (Sierra Club, Grand Canyon Chapter), 38(3) (May/June): 1-3. |
| 2004 | 19.2473 | Camelthorn warriors. <i>Boatman's Quarterly Review</i> , 17(2) (Summer): 41. |

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Anonymous (continued)

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| 2005 | 19.6142 | Art students to illustrate canyon's rare plants. <i>The Sonoran Quarterly</i> (Desert Botanical Garden, Phoenix), 59(4) (December) (Winter): 14. |
| 2006 | 19.3889 | CCSS Four Corners tour itinerary set for Apr. 20-24. <i>Colorado Cactus and Succulent Society, Chinle Chapter</i> (Glade Park, Colorado) [newsletter], (February): 3-4. [Notes in part, "Plant stops are scheduled along US 89 between Cameron and Navajo Bridge, Lees Ferry, along the road to Jacob Lake. You might find yourself detouring into Upper House Rock Valley." (ENTIRE NOTE)] |
| 2006 | 19.4307 | Arizona travel. <i>Senior Resource Quarterly</i> (CPCU Society [Society of Chartered Property and Casualty Underwriters], Malvern, Pennsylvania), 17(1) (March): 3. [Written in the first person but without by-line. Notes visit by "the Decaminadas and Kirschbaums" to Grand Canyon in spring 2005. "The Grand Canyon itself was a major surprise, despite being repeat visitors—it was <i>green</i> . One of the senior rangers told us 2005 was year 25 for him and the only time he had ever seen it looking like that—thanks to all the earlier rain, plant life had exploded." (ENTIRE NOTE)] |
| 2006 | 19.5912 | Bush Administration forced to abandon plans to log near Grand Canyon; conservationists call on Administration to protect communities at risk from wildfires instead of logging old growth forests. <i>Iowa Sierran</i> (Sierra Club, Iowa Chapter, Des Moines), 36(1) (Spring): 6. |
| 2007 | 19.2657 | Friday, March 30th: Please join the effort to fight the onslaught of Sahara mustard! <i>In</i> : Mark Your Calendars! [SECTION]. <i>Boatman's Quarterly Review</i> , 20(1) (Spring 2006-2007) [sic]: 7. |
| 2008 | 19.2991 | Volunteers help control invasive plants. <i>Canyon Sketches eMagazine</i> (Grand Canyon National Park), Volume 2 (April), http://www.nps.gov/grca/naturescience/cynsk-v02.htm |
| 2008 | 19.2992 | Tusayan Flameflower conservation; park biologists conserve rare plant near Canyon View Information Plaza. <i>Canyon Sketches eMagazine</i> (Grand Canyon National Park), Volume 5 (August), http://www.nps.gov/grca/naturescience/cynsk-v05.htm |
| 2008 | 19.2911 | Grand Canyon Wildlands Riparian Revegetation Project; Glen Canyon reach of the Colorado River. <i>In</i> : Volunteer Opportunities [SECTION]. <i>Student Connections</i> (Northern Arizona University, Ecological Monitoring and Assessment Program), (November): 12. |
| 2008 | 19.4260 | <i>Kaibab National Forest : ecological sustainability report. Version 1.01, December 19, 2008.</i> [No place]: U.S. Forest Service, 100 [101] pp. [Includes <i>Errata</i> , March 30, 2009, as p. [101].] |
| 2009 | 19.3964 | Manzanita (Kane Co.) <i>In</i> : Chapter News [SECTION]. <i>Sego Lily</i> (Utah Native Plant Society), 32(3) (May): 4. [Includes notice of planned field trip to Toroweap.] |
| 2009 | 19.3070 | Biologist documents rare find in uncommon plants. <i>Babbitt Times Review</i> (Babbitt Ranches), (July): 7. [Greg Goodwin, volunteer for The Nature conservancy. <i>Pediocactus peeblesianus</i> ssp. <i>fickeiseniae</i> , <i>Rosa stellata</i> ssp. <i>abyssa</i> , <i>Chrysothamnus molestus</i> .] |

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| 2010 | 19.5116 | What makes my blue spruce blue? <i>Newspaper Article Archive</i> (Lawyer Nursery, Inc., Plains, Montana), (January): [1]-[2]. [See p. [2], note of "seed from the San Juan National Forest in Colorado and Kaibab National Forest (Kaibab Plateau) in Arizona, give the highest percentage of bluish foliage plants."] |
| 2010 | 19.3996 | Grand Canyon Spring, and springs in the wildlands. <i>Wild and Brief</i> (Grand Canyon Wildlands Council), 1(1) (May 7): [1]. [Two items: "Pakoon Springs Restoration", and "Glen Canyon Riparian Restoration" (Hidden Slough, Colorado River).] |
| 2010 | 19.3997 | Glen Canyon riparian restoration. <i>Wild and Brief</i> (Grand Canyon Wildlands Council), 1(1) (May 7): [1]. [Hidden Slough.] |
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| 2012 | 19.5418 | FPC goes to the Grand Canyon: Restoring Granite Rapids camp. <i>Fred Phillips Consulting Newsletter</i> (Yuma, Arizona), (3) (August): 2. [Monument Creek.] |
| 2012 | 19.5419 | Clearing in Granite camp begins; restoration in Grand Canyon National Park. <i>Fred Phillips Consulting Newsletter</i> (Yuma, Arizona), (4) (November): 1. [Granite Rapids camp, Monument Creek.] |
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| 2013 | 19.4018 | Arizona—north. <i>eNTS</i> (Native Tree Society), 3(1) (January): 23-29. [Item byline is "tsharp"; communicated by email.] |
| 2013 | 19.5086 | Re: Arizona—southern. <i>eNTS</i> (Native Tree Society), 3(1) (January): 235-236. [Item byline is "Don"; communicated by email; in reply to the item by "tsharp", pp. 199-203 (Anonymous, 2013, ITEM NO. 2.24651).] [Includes comments on working with a "hazard tree crew" at Phantom Ranch.] |
| 2013 | 19.5087 | Re: Arizona—southern. <i>eNTS</i> (Native Tree Society), 3(1) (January): 236-237. [Item byline is "Don"; communicated by email.] [Comments on vegetation communities of the Walhalla Plateau and elsewhere on Arizona Strip.] |
| 2013 | 19.6857 | "Rarely seen and rarely found native cacti and succulents of Arizona"; presented by Peter Breslin. <i>Desert Breeze</i> (Tucson Cactus and Succulent Society), (February): [1]. [Lecture announcement; notes House Rock Valley and Kaibab Plateau.] |
| 2013 | 19.6858 | "From The Florilegium". <i>Desert Breeze</i> (Tucson Cactus and Succulent Society), (February): [2]. ["This wonderful watercolor by artist Sally Boyle was painted from an herbarium specimen collected in 2001 by Wendy Hodgson on the Grand Canyon National Park's Bright Angel Trail (Desert Botanical Garden Herbarium Voucher 13998)." Hybrid yucca, <i>Yucca baccata</i> × <i>Yucca elata</i> . Painting, 2011. With brief biographical note of the artist.] |
| 2013 | 19.4050 | Restoring native plants at the Colorado River. <i>Canyon Views</i> (Grand Canyon Association), 20(3) (Summer): 10. |
| 2013 | 19.4974 | Garden scientist maps future of rare southwestern cactus. <i>Keep Growing</i> (Chicago Botanic Garden), (Fall): 32-34. [Shannon Still studies projected habitat migration of the Siler pincushion cactus (<i>Pediocactus sileri</i>) on the Arizona Strip.] |
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| 2014 | 19.4630 | Mit olvashatunk a Debreceni Pozsgástár 4. számában? <i>Hírlevél</i> (Magyar Kaktusz és Pozsgás Társaság Közhasznú Egyesület, Internetes Újságja), (63) (December): |
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Anonymous (continued)

[unpaginated]. [Includes Grand Canyon and House Rock Valley.] [Hungarian Cacti and Succulents Society, Internet Newsletter.] [In Hungarian.] [Also a summary of article by Oldřich Fencel in the December 2014 issue of *Debreceni Pozsgástár* (ITEM NO. 19.4629).]

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| 2015 | 19.4822 | YOUR impact at Grand Canyon. Thanks to you, GCA and Grand Canyon National Park are . . . Restoring native plants throughout the park. <i>Canyon Views</i> (Grand Canyon Association), 22(4) (November): 3. |
| 2015 | 19.4823 | Go green! Breaking ground for a new greenhouse. <i>Canyon Views</i> (Grand Canyon Association), 22(4) (November): 4. [Greenhouse for seedlings to be used in native plants revegetation efforts at Grand Canyon.] |

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|------|---------|--|
| 2016 | 19.5798 | Your impact at Grand Canyon; an endangered species recovers. <i>Canyon Views</i> (Grand Canyon Association), 23(4) (December): 10-11. [Sentry milk-vetch, <i>Astragalus cremnophylax</i> var. <i>cremnophylax</i> .] |
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| 2017 | 19.6602 | Krótkie spojrzenie na ... Mrozo odporne Ferokaktusy, czyli kolejne pytania. <i>Kaktusy i Inne</i> (Czasopismo polskich miłośników kaktusów i sukulentów) / <i>Cacti and Others</i> (Journal of Polish cactus and succulent fanciers) (Polskie Towarzystwo Miłośników Kaktusów, Oddział Wrocławski, Wrocław), 10(2): 42. [Illustrated with photos of <i>Ferocactus cylindraceus</i> var. <i>eastwoodiae</i> in Havasu Canyon (with a young bighorn) and <i>F. cylindraceus</i> var. <i>lecontei</i> in Grand Canyon.] [Ellipsis is part of item title, thus.] [In Polish, with bilingual serial and subtitles.] |
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| 2018 | 19.5821 | North Rim Ranches; gardening for science. <i>In</i> : Postcards from the Field [SECTION]. <i>Colorado Plateau Advocate</i> , (Spring/Summer): 29. [Kane Ranch, Two Mile Ranch.] |
| 2018 | 19.6416 | The CC&SS pilgrimage to Arizona: Plants in habitat, history, scenery and a bit of geology; scenes from day 1. <i>Succulent Morsels</i> (Chinle Cactus and Succulent Society, Grand Junction, Colorado), 10(6) (June): 2-4. [Cactus prospecting in the Marble Canyon area.] [See also Mallory (2018, ITEM NO. 19.6417).] |

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| 2023 | 19.6866 | New Arizona Native Plant Society chapters. <i>Plant Press Arizona</i> (Arizona Native Plant Society), 46(2) (Winter 2023/2024): 18-21. [See pp. 18-19, "The Hakdaqwi:va Peach Springs Chapter; Carrie Cannon, Chapter President". Focuses on traditional Hualapai botanical knowledge, and notes the Hualapai Ethnobotany Youth Project.] |
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Grand Canyon region; numerous other localities are omitted in this summary citation. Only page numbers are given; pertinent enumerated plates of illustrations are embedded on those same pages. Locality data are given here only in condensed format, documenting just the geographic locale, although each published description includes collection information such as altitude, host material, collector, date of collection, and repository and catalog number of the material. Some descriptions also note material that is "not included"; these specimens "deviate from the established taxa only in some minor points . . . [though] mentioned under that taxon which appears to be most closely related, but they are not included in a description, nor are they proposed as a separate new species." (p. 17) The "not-included" materials, although taxonomically not precisely identified, are mentioned here because they document collections from the region that this bibliography covers. (Future researchers, of course, may indeed consider some such material to belong to the species under which Baral *et al.* have listed it.) For greater convenience in distinguishing Grand Canyon regional material that is, or is not, directly pertinent to a new species described by the authors, in the information that follows "**new species**" is indicated in **bold** if the regional cited material is systematically identified as that species; but as "new species" (not bold) if it is a new species in Baral *et al.* but for which collections from the region are *only* noted to be "not included" (that is, they are mentioned for their geographic information and not as any taxonomic support for the newly described species, thus resource managers are alerted to the fact that there is material gathered from this geographical region but that it is not necessarily considered by these authors to represent the species under which it is listed). (For an example of these two methods of indication, see nos. [1] and [2] in the lists that follow in this citation. See no. [7] for an example that lists *only* type material from the Grand Canyon region; that is, none of the separately included or not-included materials listed by Baral *et al.* are from the region. See no. [20] for an example that lists, for a single new species, all three kinds of material: type, included, and not-included material, all from the Grand Canyon region.) Lists of included and not-included materials in the publication are often lengthy, with material sometimes from nation- and world-wide localities. Also note that the new taxa are credited to specific authors, not to the authors of the volume as a whole, but only the credited authors are listed in this citation even though the precise format is lengthier; for example, the first-listed species that follows is taxonomically more precise as "*Orbilina purshiae* Baral & G. Marson *in* Baral, Weber, and G. Marson". • Taxa are enumerated here for convenience and to set them off from each other on the printed page (all localities are specifically noted by Baral *et al.* as being in Arizona, although some locality references to "Grand Canyon" are actually neither within the physiographic canyon nor within the national park, but on adjacent national forest and other lands): [1] *Orbilina purshiae* Baral & G. Marson, **new species** (pp. 466-468), holotype from "Grand Canyon, Kaibab Plateau, 28 km ESE of Fredonia, 13 km NNW of Jacob Lake"; included material from "93 km SSE of Fredonia, S of North Rim", "Coconino Plateau, 7.5 km ESE of Grand Canyon Village, close to South Rim". [2] *Orbilina lentiformis* Baral & G. Marson, new species (pp. 470-476); not-included material from "Grand Canyon, Kaibab Plateau, 28 km ESE of Fredonia, 13 km NNW of Jacob Lake, Rte. 89". [3] *Orbilina ocellata* Baral, G. Marson & E. Weber, **new species** (pp. 476-481); included material from "Canyonlands, 45 km SW of Page, 26 km SW of Marble Canyon" and "Grand Canyon, Coconino Plateau, 3 km N of Tusayan". [4] *Orbilina cucumispora* Baral & G. Marson, **new species** (pp. 494-497), holotype and isotype from "Grand Canyon, Coconino Plateau, 3 km N of Tusayan"; included material from "Canyonlands, ~35 km WNW of Page, Paria Canyon". [5] *Orbilina magnifica* Baral & G. Marson, **new species** (pp. 509-511, holotype and isotypes from "Grand Canyon, Kaibab Plateau, 37 km SE of Fredonia, S of Jacob Lake"; included material from "3 km N of Kaibab Lodge". [6] *Orbilina phanosoma* Baral & [G.] Marson, **new species** (pp. 514-515); included material from "Grand Canyon, Coconino Plateau, 3 km N of Tusayan" and "3 km S of Tusayan". [7] *Orbilina multiphanosoma* Baral & G. Marson, **new species** (pp. 515-517), holotype from "Grand Canyon, Coconino Plateau, 3 km N of Tusayan". [8] *Orbilina euonymi* Velen. (1934) (pp. 532-538); included material from "Grand Canyon,

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notes, "Mrs. A. P. Thompson, Kanab, 1872; J. G. Lemmon, Peach Springs, June, 1884, flowers in 6's with rudiments of two more; H. H. Rusby, Peach Springs, 1883, scape flexuous at nodes; J. W. Toumey, Grand Cañon, 1894." Also places in synonymy (pp. 78-79) "A. *Newberryi* Engelm.", specimen "Peach Springs, Northwest Arizona, Dr. J. S. Newberry, March, 1848 [*sic*], altitude 4,000 feet."; the date should be March 1858, during the Ives expedition.]

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Grand Canyon, *Ferguson & Ottley 5571* (Wel, a possible contamination with *L. Wrightii*). YUMA: (?) Buckskin Mountains, 9000 ft. alt., *M. E. Jones 6052g*, Sept. 17, 1894 (US, Cla with no number)." (Ottley adds the following footnote regarding the "Yuma County" record: "I have been unable to determine from a perusal of Jones' account of his collection of 1894 given in the *Contributions to Western Botany*, No. 7, 1895, whether or not the Buckskin Mountains where he collected on Sept. 15, 17, 18, 20, and 21 are in Yuma County, Arizona. The only mountains of that name that we find on the maps are in that county, but they are considerably farther south than any of the other localities for *L. utahensis*. We doubt if the Yuma County mountains are the ones to which Jones refers, especially since he was collecting near Carmel, Utah, on Sept. 13 and on Sept. 16 and 23 at or near Springdale, Utah." [Accordingly, this record, particularly given its 9000-ft altitude, must refer to the Kaibab Plateau.] See also ***Lotus wrightii* (Gray) Greene** (pp. 113-115), which includes the following material examined: "COCONINO . . . Colorado Plateau, Grand Canyon, *L. Ward*, June 9, 1901 (US); in open forest of *Pinus ponderosa*, *Artemisia tridentata*, and *Bouteloua gracilis*, 9 mi. s. of Grand Canyon, *H. M. Hall*, Sept. 27, 1920 (Berk); 5 mi. e. of El Tovar Hotel, Grand Canyon, 7200 ft. alt., *Ferguson & Ottley 4997* (Wel); 1 mi. w. of Grand View Point, 7400 ft. alt., *Ferguson & Ottley 4998* (Wel); rim of Grand Canyon, *A. Hitchcock*, July 1, 1915 (US); Grand Canyon, *V. Rattan*, July, 1912 (Cla, Wel); in pine forest, *ibid.*, 7000 ft. alt., *E. C. Jaeger*, Aug., 1923 (Cla); Kaibab Forest, *E. C. Jaeger* (Cla 160123); roadside bank, north rim, Grand Canyon, 8400 ft. alt., *Ferguson & Ottley 5570*, prostrate to erect (Wel); Kaibab National Forest, Grand Canyon, 2100-2500 m. alt., *Eggleston 10219* (US); common, pine forest, vicinity of Jacob's Lake, 7509 ft. alt., *Maguire & Maguire 12262* (Ut); yellow pine association, Jacob's Lake, 7500 ft. alt., *Cottam 2637* (By); 3 mi. n. of Jacob's Lake, 8100 ft. alt., *Ferguson & Ottley 5581*, not quite typical, may have a trace of *L. utahensis* (Wel). MOHAVE: dry hills, oak association, Mt. Dellenbaugh [Shivwits Plateau], 7000 ft. alt., *Cottam 4155* (By); dry hills, oak association, w. of Mt. Dellenbaugh, 5800 ft. alt., *Cottam 4169* (By)". See also ***L. rigidus* × *wrightii*** (pp. 115-116) with the following specimens examined: "MOHAVE: 6 mi. n. of Wolf Hole, 4900 ft. alt., *S. B. Benson 51* (Berk); Peach Springs, *M. E. Jones*, May 26, 1884 (Cla 28289); *M. E. Jones*, [see Ottley footnote] May 26, 1884 (Cla 28292, 28283); Truxton Canyon, *Peebles & Kearney 11298* (US); Hackberry, *M. E. Jones*, May 26, 1884 (Ja). (The footnote just mentioned reads: "It would appear probable from the date that the specimens were collected either in the vicinity of Peach Springs or of Hackberry.") See also ***L. utahensis* × *wrightii*** (p. 116) with the following specimens examined: "COCONINO: eight mi. n.w. of Jacob's Lake, Kaibab Forest, *F. W. Peirson 7366* (Cla); under yellow pines, 8 mi. n.w. of Jacob's Lake, 7825 ft. alt., *Ferguson & Ottley 5582* (Wel); Jacob's Lake, 8200 ft. alt., *Ferguson & Ottley 5580* (Wel); Kaibab Forest, e. of Jacob's Lake, 7800 ft. alt., *Ferguson & Ottley 5566* (Wel); Kaibab Forest, *E. C. Jaeger*, July 7, 1927 (Cla 159618); Grand Canyon, *M. V. Walcott* in 1935 (US)." See also ***Lotus mearnsii* Britton ex Greene** (p. 120) with specimens examined including "COCONINO: Grand Canyon, Toumey, July 10, 1892 (Tu)".]

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along Trail #7 ca. 2¼ mi down from trailhead, in North Canyon; 36°25'18"N, 112°04'22"W, 2133 m (7000 ft); 1 Jul 1993, W. Hodgson 7334 (DES, ASU)."]

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numero (hb. Gray.); ad ostia rivuli anglice Bright Angel nominati, *E. W. Nelson*, n. 124 (hb. U.S.); ad Peach Spring, Jones (hb. Jns.) [*transl.* 'the gigantic gorges called in English "Grand Cañon"—this was collected by Asa Gray, without number, thus probably his May 1885 visit to Peach Springs Wash and Diamond Creek, and in the Gray herbarium] and "at the mouth of the stream called in English Bright Angel, collected by E. W. Nelson, no. 124, in the U.S. National Herbarium], and Peach Spring, collected by Marcus E. Jones and in the Jones herbarium.]

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where I encountered the blue Douglas was on the precipitous slopes of the Grand Canyon of the Colorado River in Arizona (6,500 feet elevation)." (ENTIRE NOTE)]

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[BIBLIOGRAPHICAL NOTE: In 2023, Amazon.com promoted a title, *Summary of Brave the Wild River*, which was only a contrived "summary and analysis" of the book, perhaps produced with the use of Artificial Intelligence software. Two items were seen in November 2023; one by "Ben Isaac", with a cover photo of two young women sitting on a wall alongside an undefined riparian stream (certainly neither the Colorado River nor the Grand Canyon), the other, with no cover illustration, by "John L. Lemon". The first title advertises in broken English, "This is not a book by Melissa L. Sevignys nor is it affiliated with them. It is an independent publication that summarizes Sevigny's book in details." The second title, in similarly broken English, advertises, "This is an independent publication by John L. Lemon that summarizes Melissa L. Sevigny's book in details[.] The contents of the outline is never to supplant the original book but rather to help readers figure out a smart read. This outline has been approximately created nailing down the fundamental central issues and realities, and summoned to assist developing comprehension you might intrepret the book." A Kindle electronic tablet version attributes the author as "LIFE Summary" and adds to the unillustrated title image, "(A guide to Melissa L. Sevigny book)"; it also noted (citing a different "author"): "Disclaimer!! This is not a book by Melissa L. Sevigny, nor is it affiliated with them. It is an independent publication by Nora Alonzo that summarizes Melissa L. Sevign's book in detail. It is a summary. The contents of the outline are never to replace the original book but rather to help readers figure out a smart read. This outline has been approximately created nailing down the fundamental central issues, and realities, and summing up subtleties to assist in developing comprehension you might interpret the book." Such productions are not cited in this bibliography, but this note is added here as a matter of contemporary bibliography focusing on one conventionally published title. Note the various attributed authors and similar (though not perfectly identical) disclaimers. This bibliographical note also serves as a cautionary example of what probably are artificially produced texts, which may be of interest to humans who will research the evolution of AI but which do terrible disservice to those who produce more rigorous and human-guided surveys (not to overlook the intents and intellectual rights of the original authors!).]
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² The citations for the Department of Agriculture's "Plant Inventory Books" relates to what is now the U.S. National Plant Germplasm System, information about which is a part of the Germplasm Resources Information Network (GRIN). For access to the inventory books go to <https://www.ars.usda.gov/northeast-area/beltsville-md-barc/beltsville-agricultural-research-center/national-germplasm-resources-laboratory/docs/plant-inventory-books/> (last accessed 9 January 2022). Each plant inventory book properly may be credited to different compilers; however, a bibliographical decision is made here to group all of the citations from the inventory books under the governmental source. They are listed in this bibliography under (chronologically ordered), "U.S. Department of Agriculture, Bureau of Plant Industry", "U.S. Department of Agriculture", and "U.S. Bureau of Agriculture, Agricultural Research Service". Although there are some significant hiatuses in the time of publication for inventory lists covering earlier years, the apparent significant hiatuses expressed by the citations here are due to the lack of seeds or plants credited to sources that lie within the geographical bounds of this bibliography. Plant Inventory Books 1-217 (1898-2008) have been examined.

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