

THE GRAND CANON

A Worldwide Bibliography

of the

Grand Canyon *and* Lower Colorado River
Regions in the United States and Mexico

16th to 21st Centuries

Volume 1, Part B: Bibliography

FIFTH EDITION

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GRAND CANYON AND LOWER COLORADO RIVER REGIONS OF THE
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THE GRAND CANON : A WORLDWIDE BIBLIOGRAPHY OF THE GRAND CANYON AND LOWER
COLORADO RIVER REGIONS IN THE UNITED STATES AND MEXICO, 16th TO 21st CENTURIES
Volume 1, Part B: Bibliography
Fifth Edition

CATALOGERS NOTE
canon: *a standard or
essential list of works*

The Grand Canon
not The Grand Canyon

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THE GRAND CANON

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

14

SOCIOLOGY, RECREATION, EDUCATION, ECONOMICS, AND RELATED SUBJECTS IN THE GRAND CANYON-LAKE MEAD REGION

**Commentaries, themes and analyses relating to sociological, recreational,
educational, and economic issues for Grand Canyon, Lake Mead, and vicinity**

PART 14. SOCIOLOGY, RECREATION, EDUCATION, ECONOMICS, AND RELATED SUBJECTS IN THE
GRAND CANYON—LAKE MEAD REGION

OVERVIEW. This part lists analytical studies and reports that relate to socio-economic concerns, including visitor appreciation and social “quality of wilderness” studies, and items pertaining to teaching and program instruction about the human and natural history of the Grand Canyon and Colorado River. Because the waters of Lake Mead encroach upon the lower portion of Grand Canyon, for bibliographical convenience this part is expanded to include all items that relate to social and other issues in the Lake Mead region overall. Added here are educational and other materials that thematically embrace the greater Grand Canyon region, the activities of which are not necessarily conducted in the region itself.

RELATED MATERIAL

[PART 2.](#) GENERAL PUBLICATIONS for material that pertains to social, economic, and related affairs in the greater region of the lower Colorado River below Lake Mead, to Mexico

[PART 3.](#) *THE NEW YORK TIMES* for additional items that relate to this part of the bibliography

[PART 13.](#) ADMINISTRATION AND MANAGEMENT for administrative issues pertaining to recreation and similar perspectives on the public lands

[PART 15.](#) HEALTH AND SAFETY for issues that pertain to workplace harassment that may otherwise be related to social issues

[PART 17.](#) NATIVE AMERICANS for issues that pertain to Native American issues in the greater Grand Canyon region

PART 14. SOCIOLOGY, RECREATION, EDUCATION, ECONOMICS, AND RELATED SUBJECTS IN THE
GRAND CANYON–LAKE MEAD REGION

NOTES FOR PART 14

BRIEF BACKGROUND regarding two organizations cited throughout Part 14.

Grand Canyon Youth is a not-for-profit organization dedicated to serving young people. Its programs allow for the building of self-esteem and responsibility by requiring, before they may accompany a river trip, that they perform community service, design an educational project to be pursued on the river, and earn a portion of the trip price. As noted on their website, “GCY is open to any young person age 12 to 19 years old with a desire to discover the educational power of the river. Participants come from all walks of life and from different cultures, economic backgrounds, and physical abilities.” The organization’s programs have expanded to include other canyon rivers of the West and Southwest.

The Whale Foundation is a not-for-profit organization created “in loving memory of Curtis ‘Whale’ Hansen”, which “provides confidential access to mental and physical health care professionals and a network of support services designed to restore, promote, and celebrate the well-being of the Grand Canyon River Guiding Community.” Its mission has grown to include matters relating to social and personal support, and a scholarship. Accordingly, except for matters that specifically relate to health, all items produced by The Whale Foundation (including its news bulletin, “Back of the Boat”, that is published periodically in *Boatman’s Quarterly Review*), are listed in Part 14. (Specifically health-related items appear in [Part 15](#) of the bibliography.) Anonymously produced items are cited under “The Whale Foundation”, while those items that are signed are cited under the individuals’ names.

PART 14. SOCIOLOGY, RECREATION, EDUCATION, ECONOMICS, AND RELATED SUBJECTS IN THE
GRAND CANYON–LAKE MEAD REGION

[GO TO END OF ANONYMOUS IN THIS PART](#)

ANONYMOUS

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

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|---------|--------|--|
| NO DATE | 14.593 | Texas Supreme Court limits specific jurisdiction under the long-arm statute? <i>Esript</i> (Ebanks, Smith and Carlson, L.L.P., Houston, Texas), 4(2): 1-3. [2007?] [<i>Moki Mac River Expeditions v. Drugg.</i>] |
| NO DATE | 14.823 | <i>Primary Trunk : Travelin' Trunk lesson plan.</i> [Grand Canyon, Arizona]: [Grand Canyon Association], [25] pp. [Ca. 2009.] [Grades K-3.] |
| NO DATE | 14.824 | <i>Colorado River ecology : Travelin' Trunk lesson plan.</i> [Grand Canyon, Arizona]: [Grand Canyon Association], [23] pp. [Ca. 2009.] [Grades 3-8.] |
| NO DATE | 14.825 | <i>John Wesley Powell : Travelin' Trunk lesson plan.</i> [Grand Canyon, Arizona]: [Grand Canyon Association], [29] pp. [Ca. 2009.] [Grades 3-8.] |

DATED PUBLICATIONS, GROUPED BY YEAR

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|------|--------|---|
| 1901 | 14.629 | The Library Press [SECTION]. <i>The Library World</i> , 4 (July) (37): 9-12. [See p. 10, notice of article, "'The Functions of a Branch Library,' by Richard E. Wilson" in May 1901 issue of <i>Public Libraries</i> ; specifically, the idea for establishing special libraries and schools in geographic locales worldwide, including "a special school, situated in Colorado Cañon, for the minute study of the geological structure of that cañon." (ENTIRE NOTE).] |
| 1906 | 14.631 | Well traveled teachers make the best instructors; the world's greatest wonder and how it may be visited this summer. <i>Primary Education</i> , 14(5) (May): 254-255. |
| 1908 | 14.798 | <i>Eighty-ninth annual report and documents of the New York Institution for the Instruction of the Deaf and Dumb to the Legislature of the State of New York. for the year 1907.</i> New York: Printed at the New York Institution for the Instruction of the Deaf and Dumb, by the Pupil Apprentices, 128 pp. [See in the section, "The system of Instruction", including (p. 38) notice of the year's lecture course including "The Grand Cañon of Colorado" [<i>sic</i>].] [New York Institution for the Instruction of the Deaf and Dumb, Annual Report.] |

PART 14. SOCIOLOGY, RECREATION, EDUCATION, ECONOMICS, AND RELATED SUBJECTS IN THE GRAND CANYON–LAKE MEAD REGION

Anonymous (continued)

1911	14.1657	[Note.] <i>In</i> : The Bulletin [SECTION]. <i>The Western Teacher</i> (Milwaukee, Wisconsin), 19(5) (January): 198. ["The January Century has John Burroughs's record of his impressions of 'The Grand Canon of the Colorado' on his first visit there in 1909, in company with John Muir. This article will be read with great interest and will be of special value to teachers who visit the Grand Canon next summer en route to the meeting of the N. E. A. at San Francisco." (ENTIRE ITEM)] [Refers to Burroughs (1911, ITEM NO. 2.1780).]
1916	14.666	New schoolhouse. <i>Santa Fe Magazine</i> , 10(12) (November): 60. [Grand Canyon village; with photograph.]
1916	14.1783	Ballyhooing in the temple. <i>Santa Fe Magazine</i> , 11(1) (December): 81. [Against the independent tour-guide trade at Grand Canyon.]
1926	14.1809	Museums for Grand Canyon now planned. <i>The Museum News</i> (American Association of Museums), 4(10) (November 1):.
1927	14.1761	Work and the workers; editorial. <i>National Parks Bulletin</i> , 9(54) (November):3-4. [See "The First Demonstration", pertaining to Yavapai Observation Station under construction. See also cover photo by Francois E. Matthes, "Gathering ferns millions of years old; David White and John C. Merriam in a newly discovered quarry in the Grand Canyon", and photo from Fred Harvey, "Grand Canyon from Yavapai Point; showing part of the area immediately overlooked by the interpretive exhibit now building on the rim under direction of Dr. John C. Merriam, chairman of the [National Parks] Association's Advisory Board on Educational and Inspirational Uses of National Parks".]
1928	14.1193	[Preparations for content and programs at Yavapai Observation Station.] <i>Grand Canyon Nature Notes</i> , 2(12) (May 31): 4. ≡ CROSS-LISTINGS [CITED» GCNHA Monograph 2: page 100] [CITED» GCNHA Monograph 8: page 7-7]
1929	14.1195	Scientific work conducted at Grand Canyon. <i>Grand Canyon Nature Notes</i> , 3(9) (May 31): 1. [Includes note of arrival of physiographer Douglas Johnson for ten days to study matters relating to "the development of the educational work" (<i>i.e.</i> , Yavapai Observation Station).] ≡ CROSS-LISTINGS [CITED» GCNHA Monograph 2: page 101] [CITED» GCNHA Monograph 8: page 7-9]
1929	14.1196	Scientific work. <i>Grand Canyon Nature Notes</i> , 3(10) (June 30): 1-2. [Includes note of J. P. Buwalda and John C. Merriam working on educational programs; and Ranger-Naturalists Stephen B. Jones (North Rim) and Earl W. Count (South Rim) arriving to work on "scientific and educational duties".] ≡ CROSS-LISTINGS [CITED» GCNHA Monograph 2: page 101] [CITED» GCNHA Monograph 8: page 7-9]

PART 14. SOCIOLOGY, RECREATION, EDUCATION, ECONOMICS, AND RELATED SUBJECTS IN THE
GRAND CANYON–LAKE MEAD REGION

Anonymous (continued)

1929	14.1050	The Yavapai Station. <i>Grand Canyon Nature Notes</i> , 4(1) (September 30): 7. [Yavapai Observation Station.] ≡ CROSS-LISTINGS CITED» GCNHA Monograph 2: page 100 CITED» GCNHA Monograph 8: page 7-7
1932	14.750	[Verne E. Chatelain appointed Chief Historian, National Park Service.] <i>In</i> : Historical News [SECTION]. <i>American Historical Review</i> , 37(2) (January): 416. [Regarding interpretive programs. Grand Canyon noted <i>in passing</i> .]
1970	14.897	Recreation Management Institute. <i>Department of Recreation and Parks</i> (Texas A&M University, College of Agriculture), 5(4) (July/August): [1]. [3rd Recreation Management Institute, co-sponsored by U.S. National Park Service, to be held at Horace M. Albright Training Center, Grand Canyon. "Directed and coordinated by Lon Garrison of the National Park Service and Marion Clarke of Texas A&M, the Institute will focus on the subject of 'Contemporary Problems in State Park Operations.'"]
1974	14.1037	Visitor Center gives overview of Canyon. <i>Grand Canyon Sama</i> , 1(1) (April 1-21): 4.
1978	14.876	Grand Canyon National Park. <i>In</i> : Park Briefs [SECTION]. <i>Courier</i> (U.S. National Park Service), 1(8) (June): 6. [Re-opening of Yavapai Museum.]
1979	14.877	River guides and the wilderness experience. <i>Courier</i> (U.S. National Park Service), 2(9) (July): 7. [Special training session sponsored by Park Service at Lees Ferry.]
1979	14.878	Test your EQ: energy quotient. <i>Courier</i> (U.S. National Park Service), 2(14) (December): 8-9. [U.S. Department of Energy traveling exhibit, "ENERGY", was at Grand Canyon June 2-13.]
1981	14.882	Grand Canyon ranger speaks "sign". <i>Courier</i> (U.S. National Park Service), 4(10) (October): 17. [Seasonal Park Ranger Annette Reichman presents programs in American Sign Language for visitors who are deaf or hard-of-hearing.]
1981	14.1434	Foreign visitors—an update on NPS responses. <i>Grist</i> (U.S. National Park Service, and National Recreation and Park Association), 25(6) (November/December): 41-42. [Includes remarks on foreign-language materials at Grand Canyon National Park, and notice that "Japan recently loaned one of its national park rangers to [Grand Canyon]. Masahira Ohta will be at the Grand Canyon for a year, giving lectures, translating brochures, and helping Japanese visitors."] ["Portions of this article appeared in <i>In Touch</i> , No. 28, and the September 1981 issue of the <i>NPS Courier</i> ."] [Refer also to Ōta, Masahiro [Ohta, Masahiro] [大田正裕] (1982, ITEM NO. 2.4371).]
1982	14.1399	Slides needed for Grand Canyon slide program. <i>Canyon Echo</i> (Sierra Club, Grand Canyon Chapter), 18(2) (March): 6. [Specifically looking for photos that can illustrate various management issues.]

PART 14. SOCIOLOGY, RECREATION, EDUCATION, ECONOMICS, AND RELATED SUBJECTS IN THE GRAND CANYON–LAKE MEAD REGION

Anonymous (continued)

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| 1982 | 14.885 | Grand Canyon NP. <i>In</i> : Park Briefs [SECTION]. <i>Courier</i> (U.S. National Park Service), (June): 3. [Three-week research-education program jointly sponsored by Northern Arizona University and National Park Service, "Biology and Geology of the Grand Canyon and the Colorado River", including a 2-week river trip.] |
| 1982 | 14.871 | Pacific Northwest Region. <i>In</i> : Regional Highlights [SECTION]. <i>Park Science</i> (U.S. National Park Service), 3(1) (Fall): 10. [Includes notice of study from University of Idaho, "Foreign Visitors at Grand Canyon NP: A Preliminary Study".] [For the final report see Underhill and Fonken (1983 ITEM NO. 14.224).] |
| <hr/> | | |
| 1983 | 14.886 | Lake Mead National Recreation Area, Ariz.-Nev. <i>In</i> : Park Briefs [SECTION]. <i>Courier</i> (U.S. National Park Service), 28(10) (October): 15. ["A new National Park Service travelling exhibit, 'Stereoscope,' featuring the works of early stereo photographers, was on display at the Boulder City Library. [¶] The exhibit reveals the wonders of many national parks from 1870 to 1920 in 3-D photographs." (ENTIRE ITEM)] |
| 1983 | 14.887 | Grand Canyon National Park, Ariz. <i>In</i> : Park Briefs [SECTION]. <i>Courier</i> (U.S. National Park Service), 28(10) (October): 15. [Study of international visitors.] |
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| 1986 | 14.1051 | Pouring into the Grand Canyon. <i>The Economist</i> (London), 299 (May 24): 64. [Tourist trade.]
≡ CROSS-LISTINGS CITED» GCNHA Monograph 8: page 1-54 |
| <hr/> | | |
| 1991 | 14.1 | Grand Canyon courtesy. <i>The News</i> (Grand Canyon River Guides), 4(2) (Summer): 6-7. |
| 1991 | 14.1397 | Courtesy flyer finally flies! <i>The News</i> (Grand Canyon River Guides), 4(4) (Fall): 12. |
| <hr/> | | |
| 1992 | 14.2 | On golden rapid. <i>The News</i> (Grand Canyon River Guides), 5(1) (Spring) (Interim Edition): 4. [Announcement for workshop on "Health, finance and transitions in an aging river community". See also Heavenrich, Charly.] |
| 1992 | 14.3 | Grand Canyon courtesy. <i>The News</i> (Grand Canyon River Guides), 5(3) (Summer): 10-11. |
| 1992 | 14.4 | Insurance. <i>The News</i> (Grand Canyon River Guides), 5(3) (Summer): 12. |
| 1992 | 14.5 | Insurance and retirement. <i>The News</i> (Grand Canyon River Guides), 5(4) (Fall): 2. |
| <hr/> | | |
| 1993 | 14.1052 | Grand Canyon Field Institute. <i>Regarding</i> : (Grand Canyon Natural History Association), (February): [3]. |
| 1993 | 14.1053 | Yavapai Museum. <i>Regarding</i> (Grand Canyon Natural History Association), (May): 7. |
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| 1994 | 14.1522 | Rulanta muzeo. <i>Internacia Fervojisto</i> (Bologna), 1994(3): 36. ("Kompilita de artikolo en la danlingva kooperata organo Samvirke" [without specific credit].) [Amtrak trains in the U.S. as "rolling museums". Includes note, <i>in passing</i> , "La usonaj fervojoj posvus |

PART 14. SOCIOLOGY, RECREATION, EDUCATION, ECONOMICS, AND RELATED SUBJECTS IN THE GRAND CANYON–LAKE MEAD REGION

Anonymous (continued)

- esti utiligataj por turismo. Rulanta hojmo kun elvido al Granda Kanjona kaj rivero Kolorado . . .” In context, the author does not realize that there is no railway along the Grand Canyon’s rim.] [In Esperanto]
- 1994 14.6 Further education. *Boatman’s Quarterly Review*, 7(2) (Spring): 15.
- 1994 14.7 Crowded canyon. *Newsweek*, 124 (August 1): 49.
- 1994 14.8 Rafting through time. *Science World*, 51(1) (September 2): 16.
- 1994 14.1197 Scientific work. *In*: Lamb, Susan (ed.), *The best of Grand Canyon Nature Notes*. Grand Canyon, Arizona: Grand Canyon Natural History Association, pp. 6-7. [Reprinted from *Grand Canyon Nature Notes*, June, 1929.]
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- 1995 14.9 Solutions needed for Grand Canyon. *National Parks*, 69(6) (November/December): 21-22. [Visitor experience.]
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- 1996 14.10 Circles and arrows. *Boatman’s Quarterly Review*, 9(1): 6. [Trips worked per year by motor guides.]
- 1996 14.1054 The Whale Foundation. *Boatman’s Quarterly Review*, 9(2): 10.
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- 1997 14.1062 About the SCA program. *Nature Notes* (Grand Canyon National Park), 13(1) (Spring): 11. [Student Conservation Association. With photo of students on South Rim, by Mike Buccheit.]
- 1997 14.11 Beauty prized above all. *High Country News*, 29(9) (May 12): 16.
- 1997 14.12 Profiling the greater Grand Canyon. *Colorado Plateau Advocate*, (Spring): 16.
- 1997 14.13 Insight introduces an international audience to the Colorado Plateau. *In*: Forging the future at the Museum of Northern Arizona. *Plateau*, (Summer, Supplement): 5-6. [Insight at Canyon Forest Village.]
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- 1998 14.14 Grand Canyon Youth; a new generation. *Boatman’s Quarterly Review*, 11(1) (Winter 1997-1998): 33. [Issue mailed late January or early February, 1998.]
- 1998 14.15 Lake Mead update. *The Waiting List* (Grand Canyon Private Boaters Association), 2(1) (February): 13. [Originally distributed electronically via *gcpba Newswire*.]
- 1998 14.16 Colorado Plateau Forum builds common ground. *Mountain Campus News* (Northern Arizona University), (February 2): 2, 5.
- 1998 14.1055 Up-close classes set at the Grand Canyon. *In*: Mileposts [SECTION]. *Arizona Highways*, 74(3) (March): 54. [Grand Canyon Field Institute.]
- 1998 14.17 Grand Canyon Youth update. *Boatman’s Quarterly Review*, 11(2) (Spring): 9.
- 1998 14.1057 The Whale web site. *Boatman’s Quarterly Review*, 11(3) (Summer): 12.

PART 14. SOCIOLOGY, RECREATION, EDUCATION, ECONOMICS, AND RELATED SUBJECTS IN THE
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Anonymous (continued)

1998	14.1693	NAU, UofA team up to help ease canyon congestion. <i>NAU Today</i> (Northern Arizona University), 12(6) (August 31): 1, 4. [Northern Arizona University and University of Arizona, Grand Canon River Trip Simulation Project computer program.]
1998	14.1058	GCFI expanding reach. <i>Canyon Views</i> (Grand Canyon Association), 4(3) (Fall): 2. [Grand Canyon Field Institute.]
1999	14.18	Grand Canyon River Trip Simulator: NAU-UA project. <i>EnviroNews</i> (Northern Arizona University), (May): 8.
1999	14.249	How's business? A spreadsheet's worth a 1,000 words [sic]. <i>The Waiting List</i> (Grand Canyon Private Boaters Association), 3(4) (December): 14. [Gross receipts and electoral campaign donations from river-related companies and organizations; data from Grand Canyon National Park and Federal Election Commission.]
2000	14.889	IMBA's president meets the President at the White House. <i>The No Street Journal</i> (Dall Off Road Bicycle Association, Dallas, Texas), 14(2) (March/April): 4. [International Mountain Bicycling Association president Ashley Korenblat discussed issues with President Clinton and aides regarding mountain bicycling in newly designated national monuments including Grand Canyon-Parashant National Monument.]
2000	14.261	[Comments.] <i>In</i> : "Ice-ssay's," begging and etiquette, or . . . need ice? [FEATURE]. <i>The Waiting List</i> (Grand Canyon Private Boaters Association), 4(2) (Summer): 15. [Letter, signed as "Warren", gathered from gcboaters@songbird.com electronic list. Ellipsis is part of feature title.]
2000	14.262	[Comments.] <i>In</i> : "Ice-ssay's," begging and etiquette, or . . . need ice? [FEATURE]. <i>The Waiting List</i> (Grand Canyon Private Boaters Association), Special Issue: 9. [Letter, signed as "Warren", gathered from gcboaters@songbird.com electronic list. Ellipsis is part of feature title.] [NOTE: "A Special Edition of the Grand Canyon Private Boaters Association Quarterly Courtesy of Power Bar", not mailed but distributed at Lees Ferry.]
2000	14.263	[Comments.] <i>In</i> : "Ice-ssay's," begging and etiquette, or . . . need ice? [FEATURE]. <i>The Waiting List</i> (Grand Canyon Private Boaters Association), 4(2) (Summer): 15. [Letter, signed as "Bev", gathered from gcboaters@songbird.com electronic list. Ellipsis is part of feature title.]
2000	14.264	[Comments.] <i>In</i> : "Ice-ssay's," begging and etiquette, or . . . need ice? [FEATURE]. <i>The Waiting List</i> (Grand Canyon Private Boaters Association), Special Issue: 9. [Letter, signed as "Bev", gathered from gcboaters@songbird.com electronic list. Ellipsis is part of feature title.] [NOTE: "A Special Edition of the Grand Canyon Private Boaters Association Quarterly Courtesy of Power Bar", not mailed but distributed at Lees Ferry.]
2000	14.265	[Comments.] <i>In</i> : "Ice-ssay's," begging and etiquette, or . . . need ice? [FEATURE]. <i>The Waiting List</i> (Grand Canyon Private Boaters Association), 4(2) (Summer): 15. [Letter, signed as "Hayduke", gathered from gcboaters@songbird.com electronic list. Ellipsis is part of feature title.]

PART 14. SOCIOLOGY, RECREATION, EDUCATION, ECONOMICS, AND RELATED SUBJECTS IN THE
GRAND CANYON–LAKE MEAD REGION

Anonymous (continued)

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| 2000 | 14.266 | [Comments.] <i>In</i> : “Ice-ssay’s,” begging and etiquette, or . . . need ice? [FEATURE]. <i>The Waiting List</i> (Grand Canyon Private Boaters Association), Special Issue: 9. [Letter, signed as “Hayduke”, gathered from gdboaters@songbird.com electronic list. Ellipsis is part of feature title.] [NOTE: “A Special Edition of the Grand Canyon Private Boaters Association Quarterly Courtesy of Power Bar”, not mailed but distributed at Lees Ferry.] |
| 2000 | 14.267 | [Comments.] <i>In</i> : “Ice-ssay’s,” begging and etiquette, or . . . need ice? [FEATURE]. <i>The Waiting List</i> (Grand Canyon Private Boaters Association), 4(2) (Summer): 16. [Letter, unsigned, gathered from gdboaters@songbird.com electronic list. Ellipsis is part of feature title.] |
| 2000 | 14.268 | [Comments.] <i>In</i> : “Ice-ssay’s,” begging and etiquette, or . . . need ice? [FEATURE]. <i>The Waiting List</i> (Grand Canyon Private Boaters Association), Special Issue: 10. [Letter, unsigned, gathered from gdboaters@songbird.com electronic list. Ellipsis is part of feature title.] [NOTE: “A Special Edition of the Grand Canyon Private Boaters Association Quarterly Courtesy of Power Bar”, not mailed but distributed at Lees Ferry.] |
| 2000 | 14.269 | GCMRC recreation research news. <i>Boatman’s Quarterly Review</i> , 13(3) (Fall): 48-49. [Grand Canyon Monitoring and Research Center.] |
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| 2001 | 14.1059 | GCFI’s reach expands in the new millennium. <i>Canyon Views</i> (Grand Canyon Association), 7(1) (Spring): 7. [Grand Canyon Field Institute.] |
| 2001 | 14.1726 | Colorado River grants available to Arizona organizations. <i>Public Program Planner</i> (Arizona Humanities Council, Phoenix), (May): 11. [Grants as part of the seven-state project, “Moving Waters: The Colorado River and the West”.] |
| 2001 | 14.296 | Field experience. <i>Reference Point</i> (Department of Geography and Public Planning, Northern Arizona University), 1(1) (Summer): 2. |
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| 2002 | 14.323 | [Comments.] <i>In</i> : “Ice-ssay’s”—begging and etiquette, or . . . need ice? [FEATURE]. <i>The Waiting List</i> (Grand Canyon Private Boaters Association Quarterly), 6(1) (Summer/Fall): 35. [Special Issue: Reflections—Five Years of Fun—A Waiting List Anthology. Ellipsis is part of feature title.] [Letter, signed as “Warren”.] |
| 2002 | 14.324 | [Comments.] <i>In</i> : “Ice-ssay’s”—begging and etiquette, or . . . need ice? [FEATURE]. <i>The Waiting List</i> (Grand Canyon Private Boaters Association Quarterly), 6(1) (Summer/Fall): 36. [Special Issue: Reflections—Five Years of Fun—A Waiting List Anthology. Ellipsis is part of feature title.] |
| 2002 | 14.325 | [Comments.] <i>In</i> : “Ice-ssay’s”—begging and etiquette, or . . . need ice? [FEATURE]. <i>The Waiting List</i> (Grand Canyon Private Boaters Association Quarterly), 6(1) (Summer/Fall): 35. [Special Issue: Reflections—Five Years of Fun—A Waiting List Anthology. Ellipsis is part of feature title.] [Letter, signed as “Bev”.] |
| 2002 | 14.326 | [Comments.] <i>In</i> : “Ice-ssay’s”—begging and etiquette, or . . . need ice? [FEATURE]. <i>The Waiting List</i> (Grand Canyon Private Boaters Association Quarterly), 6(1) (Summer/Fall): 35. [Special Issue: Reflections—Five Years of Fun—A Waiting List Anthology. Ellipsis is part of feature title.] [Letter, signed as “Hayduke”.] |

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Anonymous (continued)

2003	14.1060	Yellowstone Association Institute: A sister to GCFI. <i>Canyon Views</i> (Grand Canyon Association), 9(4) (Winter): 7. [Grand Canyon Field Institute.]
2003	14.346	Kenton Grua Memorial Scholarship. <i>Boatman's Quarterly Review</i> , 16(1) (Spring): 7.
2003	14.354	Grand Canyon Youth—alive, well, and growing up! <i>Boatman's Quarterly Review</i> , 16(2) (Summer): 21. [Item signed "Fritz".]
2003	14.1784	Welcome to the new Grand Canyon Youth Newsletter. <i>Currents</i> (Grand Canyon Youth Newsletter), 1 (Fall): 1.
2003	14.1785	What you can do for Grand Canyon Youth. <i>Currents</i> (Grand Canyon Youth Newsletter), 1 (Fall): 1.
2003	14.1786	2004 Grand Canyon Youth programs. <i>Currents</i> (Grand Canyon Youth Newsletter), 1 (Fall): 2.

2004	14.588	FOSS Earth History Workshop at Grand Canyon, summer 2004. <i>FOSS Newsletter</i> (Full Option Science System, University of California at Berkeley and Delta Education), (23) (Spring): 5.
2004	14.369	Want to work with kids? <i>Boatman's Quarterly Review</i> , 17(2) (Summer): 5. [Grand Canyon Youth.]
2004	14.373	Grand Canyon Youth. <i>Boatman's Quarterly Review</i> , 17(3) (Fall): 13.
2004	14.379	Exciting partnerships at Grand Canyon Youth. <i>Currents</i> (Grand Canyon Youth Newsletter), 2 (Fall/Winter): 1.
2004	14.380	Get involved with Grand Canyon Youth! <i>Currents</i> (Grand Canyon Youth Newsletter), 2 (Fall/Winter): 2.
2004	14.381	A big thank you to our supporters! <i>Currents</i> (Grand Canyon Youth Newsletter), 2 (Fall/Winter): 3.
2004	14.382	2004 season wrap-up! <i>Currents</i> (Grand Canyon Youth Newsletter), 2 (Fall/Winter): 4.

2005	14.393	HRM's Arizona Hospitality Research and Resource Center reveals Grand Canyon visitors' profile, experiences and attitudes. <i>Inside NAU</i> (Northern Arizona University weekly e-newsletter), 2(19) (May 11). [School of Hotel and Restaurant Management.]
2005	14.1061	Grand Canyon Field Institute history classes. <i>The Ol' Pioneer</i> (Grand Canyon Historical Society), 16(3) (July/September): 8.
2005	14.409	Grand Canyon Youth: Get involved! <i>Community Builder</i> (McCoy Motors, Flagstaff, Arizona), (13) (October): 4, 3 [sic].
2005	14.417	Have a great trip? Share it with the National Park Service! <i>Grand Canyon River Runner</i> , (1) (Fall): 5.

PART 14. SOCIOLOGY, RECREATION, EDUCATION, ECONOMICS, AND RELATED SUBJECTS IN THE
GRAND CANYON–LAKE MEAD REGION

Anonymous (continued)

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| 2005 | 14.1156 | Nature outranks motor. <i>In</i> : Short Takes [SECTION]. <i>Arizona Wild</i> (Arizona Wilderness Coalition), (Fall/Winter 2005/2006): 14. [Regarding visitor survey by Cothran and Combrink (2005, ITEM NO. 14.397).] |
| 2005 | 14.486 | Map your way to the Grand Canyon. <i>In</i> : Science Sampler; Short Activities and Strategies [SECTION]. <i>Science Scope</i> , 29(2) (October): 50. |
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| 2006 | 14.3527 | Out and about with GCFI. <i>Canyon Views</i> (Grand Canyon Association), 12(1) (Spring): 11. [Grand Canyon Field Institute.] |
| 2006 | 14.440 | Training ground: Students use railway to create lesson plans. <i>Inside NAU</i> (Northern Arizona University), 3(22) (June 1). |
| 2006 | 14.3528 | Faculty news. <i>Transitions</i> (Prescott College), (Summer): 24. [Joel Barnes, wild-and-scenic rivers symposium, Grand Canyon case study.] |
| 2006 | 14.462 | [Comment.] <i>In</i> : "Hey! Where are you camping tonight?" <i>The Waiting List</i> (Grand Canyon Private Boaters Association), 7(4) (Winter): 56. [Item signed "Ceiba".] |
| 2006 | 14.472 | How can it be that a great-outdoors destination as vast as the Grand Canyon suffers from crowds? <i>National Geographic Traveler</i> , 23(5): 40. |
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| 2007 | 14.466 | Grand Canyon Semester 2007. <i>In</i> : Announcements [SECTION]. <i>Boatman's Quarterly Review</i> , 20(1) (Spring 2006-2007) [<i>sic</i>]: 38. |
| 2007 | 14.467 | Cold weather gear needed. <i>In</i> : Announcements [SECTION]. <i>Boatman's Quarterly Review</i> , 20(1) (Spring 2006-2007) [<i>sic</i>]: 38. [Grand Canyon Youth request.] |
| 2007 | 14.1483 | Consider this, #49. Walking among great trees: A meditation on heritage. <i>Consortium Standards Bulletin</i> (Gesmer Updegrove LLP, Boston), 6(5) (May), 5 pp. [See p. 2, brief comments on the aesthetic values of Grand Canyon and the Colorado River.] |
| 2007 | 14.1740 | Yavapai Observation Station re-dedicated; new exhibits bring geology of the Grand Canyon to life. <i>HFC onMedia</i> (U.S. National Park Service, Harpers Ferry Center), (May/June): 5-9. |
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| 2008 | 14.3530 | GCFI rolls out its 2009 program. <i>Canyon Views</i> (Grand Canyon Association), 14(4) (Winter 2008/2009): 8-9. [Grand Canyon Field Institute.] |
| 2008 | 14.479 | The rewards of reading challenge. (Photograph by Ron Short.) <i>Canyon Views</i> (Grand Canyon Association), 14(1) (Spring): 9. |
| 2008 | 14.3529 | Upcoming GCFI classes. <i>Canyon Views</i> (Grand Canyon Association), 14(1) (Spring): 11. [Grand Canyon Field Institute.] |
| 2008 | 14.491 | Houston, we have a program. <i>Alcalde</i> (University of Texas at Austin Alumni Magazine), (May/June). [GeoFORCE Texas geology field trip for high school students, to Grand Canyon.] |

PART 14. SOCIOLOGY, RECREATION, EDUCATION, ECONOMICS, AND RELATED SUBJECTS IN THE
GRAND CANYON–LAKE MEAD REGION

Anonymous (continued)

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| 2008 | 14.492 | Houston, we have a program. <i>In: Horns of plenty : what private giving is making possible : philanthropy at Texas.</i> (Jamey Smith, compiler, ed.) Austin: University of Texas at Austin, pp. [6]-[7]. [GeoFORCE Texas geology field trip for high school students, to Grand Canyon.] [Reprinted from <i>Alcalde</i> (ITEM NO. 14.991)] |
| 2008 | 14.589 | Rivers, rocks and restoration; EMA offers hands-on learning, research and environmental solutions. <i>Babbitt Times Review</i> (Babbitt Ranches), (August): 1, 7. [Ecological Monitoring and Assessment Program, Northern Arizona University.] |
| 2008 | 14.539 | Your membership dollars at work. <i>Canyon Views</i> (Grand Canyon Association), 14(3) (Fall): 5. [Reading Rewards Challenge.] |
| 2008 | 14.548 | Grand Canyon Semester Fall 2009. <i>In: Class and Research Projects</i> [SECTION]. <i>Student Connections</i> (Northern Arizona University, Ecological Monitoring and Assessment Program), (November): 5. |
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| 2009 | 14.594 | Blind/VI students exploring the globe. <i>In: Community</i> [SECTION]. <i>Building Blocks</i> (Lied Learning and Technology Center, Omaha, Nebraska), (January): 6. [VI: visually impaired.] |
| 2009 | 14.1379 | Project Athena. <i>Adventure World Magazine</i> (Pittsburgh, Pennsylvania), (May): 38-39. [Project Ahtena offers "Athenaship" grants to "women who have had medical or traumatic setbacks in their lives", in order to outfit "adventurous wishes". Includes remarks on the first Athenaship award to Lonnie Kitch, who as a cancer survivor wanted to hike Grand Canyon (includes photo).] |
| 2009 | 14.1440 | Alternative spring break in the Southwest. <i>Lees-McRae Ledger</i> (Lees-McRae College, Banner Elk, North Carolina), (May): [2]. [Summary of ten students' nine-day alternative spring break program, including volunteer activities with Search and Rescue at Grand Canyon.] |
| 2009 | 14.826 | <i>Grand Canyon geology : Travelin' Trunk teacher's guide</i> (Todd R. Berger, ed.; Ron Short, designer). Grand Canyon, Arizona: Grand Canyon Association, 73 pp. [Grades 3-8.] |
| 2009 | 14.827 | <i>Grand Canyon human history : Travelin' Trunk teacher's guide</i> (Todd R. Berger, ed.; Ron Short, designer). Grand Canyon, Arizona: Grand Canyon Association, 62 pp. [Grades 3-8.] [Revised.] |
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| 2010 | 14.637 | Rim-based GCFI classes. <i>Canyon Views</i> (Grand Canyon Association), 16(2) (Summer): 12. [Grand Canyon Field Institute.] |
| 2010 | 14.735 | Grand Canyon Youth: Update and thanks. <i>Grand Canyon River Runner</i> , (10) (Summer): 15. |
| 2010 | 14.1063 | Grand Canyon educational website launches. <i>Canyon Views</i> (Grand Canyon Association), 16(3) (Fall): 10. [Explore the Grand Canyon, sponsored by Grand Canyon Association and Arizona State University.] |

PART 14. SOCIOLOGY, RECREATION, EDUCATION, ECONOMICS, AND RELATED SUBJECTS IN THE GRAND CANYON–LAKE MEAD REGION

Anonymous (continued)

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| 2010 | 14.678 | Conceptualizing the possibilities: The Grand Canyon River Heritage Museum project. <i>Boatman's Quarterly Review</i> , 23(4) (Winter 2010-2011): 9. |
| 2010 | 14.828 | <i>Grand Canyon ecology : Travelin' Trunk lesson plan</i> (Todd R. Berger, ed.; Ron Short, designer). Grand Canyon, Arizona: Grand Canyon Association, 34 pp. [Grades 3-8.] |
| 2010 | 14.829 | <i>Grand Canyon history : Travelin' Trunk for secondary education : teacher's guide.</i> (Martin Nagy, ed.) Grand Canyon, Arizona: Grand Canyon Association, 60 pp. |
| 2010 | 14.914 | <i>Boojum Institute for Experiential Education : annual report 2010.</i> Anza, California: Boojum Institute for Experiential Education. [See p. 7, notes regarding instructor Bill Bjornstad teaching at Grand Canyon.] |
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| 2011 | 14.691 | Travel grants for schools. <i>Canyon Views</i> (Grand Canyon Association), 17(1) (Spring): 8. [National Park Service Environmental Education Program, and Travel Grant Program.] |
| 2011 | 14.692 | Big finds and expanded minds: Grand Canyon Field Institute helps further understanding of the Park. <i>Canyon Views</i> (Grand Canyon Association), 17(1) (Spring): 9. |
| 2011 | 14.696 | Just Roughin' It Adventure Company shares its love of the Canyon with youth! <i>Canyon Views</i> (Grand Canyon Association), 18(2) (Summer): 7. |
| 2011 | 14.1064 | GCFI to roll out 2012 schedule on November 14. <i>Canyon Views</i> (Grand Canyon Association), 18(3) (Fall): 16. [Grand Canyon Field Institute.] |
| 2011 | 14.841 | S-76D helicopter program accelerates toward certification. <i>Nation Shield</i> (United Arab Emirates Armed Forces, Abu Dhabi), (477) (October):. [Takes note of Sikorsky S-76D helicopter's "Grand Canyon" standard of quiet.] |
| 2011 | 14.842 | S-76D helicopter program accelerates toward certification as third prototype joins flight test program/Le programme d'hélicoptère S-76D s'engage vers une certification puisque le troisième prototype s'engage dans le programme d'essai en vol. <i>Helicopter Magazine Europe</i> (Les Ulis, France), (51) (October/November): [unpaginated]. [Takes note of Sikorsky S-76D helicopter's "Grand Canyon" standard of quiet.] [In parallel English and French texts.] |
| 2011 | 14.728 | YOU have the power to bring the Grand Canyon to kids throughout the US. <i>Canyon Views</i> (Grand Canyon Association), 18(4) (Winter): 10. [Virtual Field Trips for Kids Program.] |
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| 2012 | 14.921 | Grand Canyon's Trail of Time receiving national recognition. <i>Flagstaff Business News</i> (Flagstaff, Arizona), (January): 23. |
| 2012 | 14.929 | Grand Canyon National Park to host Archeology Day. <i>Pinyon Press</i> (Xanterra South Rim, L.L.C., Grand Canyon), 2012(5) (March 7): 9. [5th Annual Archeology Day in honor of Arizona Archaeology and Heritage Awareness Month.] |
| 2012 | 14.767 | Distance learning programs. <i>Canyon Views</i> (Grand Canyon Association), 19(1) (Spring): 3. |

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Anonymous (continued)

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| 2012 | 14.769 | Your donations bring the Grand Canyon to children around the U.S. <i>Canyon Views</i> (Grand Canyon Association), 19(1) (Spring): 5. [Virtual Field Trips for Kids program.] |
| 2012 | 14.931 | Endangered Species Day and Celebrate Wildlife Day. <i>Pinyon Press</i> (Xanterra South Rim, L.L.C., Grand Canyon), 2012(9) (May 2): 5. |
| 2012 | 14.932 | Upcoming total lunar eclipse. <i>Pinyon Press</i> (Xanterra South Rim, L.L.C., Grand Canyon), 2012(9) (May 2): 5. [Text correctly notes event as an annular solar eclipse, May 20.] |
| 2012 | 14.933 | Annular solar eclipse viewing: May 20th. <i>Pinyon Press</i> (Xanterra South Rim, L.L.C., Grand Canyon), 2012(10) (May 16): 5. |
| 2012 | 14.935 | Habitat For Humanity. <i>Pinyon Press</i> (Xanterra South Rim, L.L.C., Grand Canyon), 2012(18) (September 5): 5. |
| 2012 | 14.790 | Plan a Field Institute adventure. <i>Canyon Views</i> (Grand Canyon Association), 19(4) (Fall): 8-9. [Grand Canyon Field Institute.] |
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| 2013 | 14.936 | GCNP to host Archaeology Day on March 23. <i>Pinyon Press</i> (Xanterra South Rim, L.L.C., Grand Canyon), 2013(5) (March 6): 9. |
| 2013 | 14.937 | Grand Canyon's Celebrate Wildlife Days events. <i>Pinyon Press</i> (Xanterra South Rim, L.L.C., Grand Canyon), 2013(9) (May 1): 5. [Announcement.] |
| 2013 | 14.939 | Elk Bugle Corps Volunteers. <i>Pinyon Press</i> (Xanterra South Rim, L.L.C., Grand Canyon), 2013(9) (May 1): 8. |
| 2013 | 14.940 | GC Visitor Center film offline. <i>Pinyon Press</i> (Xanterra South Rim, L.L.C., Grand Canyon), 2013(10) (May 15): 3. [Project for Grand Canyon Visitor Center's park orientation film, "Grand Canyon: A Journey of Wonder", returned to New Jersey for repairs. Reinstallation requires consultant and reprogramming.] |
| 2013 | 14.941 | Elk Bugle Corps is looking for volunteers. <i>Pinyon Press</i> (Xanterra South Rim, L.L.C., Grand Canyon), 2013(11) (May 29): 4. |
| 2013 | 14.915 | Arizona's world-class aviation. <i>Deer Valley Times</i> (Phoenix), 1(7) (June): 5. [See "Grand Canyon Tours", relating to Grand Canyon National Park Airport and Grand Canyon West Airport. Brief item.] |
| 2013 | 14.1478 | Cebir Koleji eğitim teknolojisinde 3D dönemini başlatıyor. <i>Cebir Koleji Bülten</i> (Özel Kurtköy Cebir Koleji, Özel Cebir Koleji Kültür ve Edebiyat Kulübü, İstanbul), 1(1) (June): 1. [Elementary school students use 3D technology in classroom. Includes note of Grand Canyon, <i>in passing</i> .] [In Turkish.] |
| 2013 | 14.854 | Explore the canyon's watery treasures with the Field Institute. <i>Canyon Views</i> (Grand Canyon Association), 20(3) (Summer): 8-9. [Grand Canyon Field Institute.] |
| 2013 | 14.895 | USMC Wounded Warrior Regiment river trip. <i>Grand Canyon River Runner</i> , (16) (Winter): 1-2. [U.S. Marine Corps. Announcement and solicitation for sponsors for Wounded Warriors river trip through Grand Canyon.] |

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Anonymous (continued)

2014	14.902	<i>Your</i> impact at Grand Canyon. <i>Canyon Views</i> (Grand Canyon Association), 21(1) (Winter): 3. [Promotional piece for Grand Canyon Association.]
2014	14.903	Take a journey of discovery and science with the Field Institute. <i>Canyon Views</i> (Grand Canyon Association), 21(1) (Winter): 6. [Promotional piece for Grand Canyon Field Institute; forthcoming field trips. Horseshoe Mesa Springs Survey (botanical); Raptors of the Grand Canyon workshop; Dragonfly Survey (Bright Angel Creek); Hands-On Archaeology (Toroweap Valley).]
2014	14.1442	Project GIVE. Alternative breaks. <i>The CSI Volunteer Quarterly</i> (Northern Arizona University, College of Social and Behavioral Sciences, Civic Service Institute), (January/March): [7]-[8]. [Includes photos of “Project GIVE volunteers during Veteran’s Day Weekend Alternative Break trip to the Grand Canyon.”] [Get Involved in the Volunteer Experience.]
2014	14.1862	Dozens at Grand Canyon sign ADEQ’s Earth Day pledge. <i>News To Use</i> (Arizona Department of Environmental Quality), (12-14-43) (April 21): [1]. [“Community Liaison Sybil Smith collected hundreds of Earth Day pledges from participants around the world on Sunday at ADEQ’s booth at the Grand Canyon South Rim Visitor Center. Participants made pledges to make Earth Day every day, to recycle and conserve energy, and help educate others on how they can help the environment and prevent pollution for a healthier planet.” (ENTIRE ITEM) (with photo of signed pledge board).
2014	14.1523	Γκραν Κανιον. Ο τουρισμός παράζει την αιώνια γαλήνη [Nkran Kanion. O tourismós tarázei tin aiónia galíni] [Grand Canyon. Tourism disturbs eternal peace]. <i>Business Weekly (H Sημερινη [I Semerini]</i> , Nicosia, Cyprus), (244) (July 27): 16. [Regarding the proposed Grand Canyon Escalade and Tusayan growth.] [In Greek, with serial title in English.]
2014	14.985	Water World. <i>Discovery Children’s Museum</i> (Las Vegas), (Fall): 6. [Water World exhibition includes Hoover Dam and Hoover Dam Bypass (Mike O’Callaghan-Pat Tillman Memorial Bridge).]
2015	14.1575	6th Fall Dinner/Speaker Meeting was “Grand”. <i>NEMATYC News</i> (New England Mathematical Association of Two-Year Colleges), 23(1) (Fall): 13. [Catherine Roberts presented lecture on her work developing a computer model to study “white-water rafting traffic patterns on the Colorado River”. (No details.)]

2015	14.1005	[Solicitation.] <i>American Rivers Newsletter</i> , (Winter): 2. [Solicitation to visit American Rivers website, regarding the threat of development at Grand Canyon.]
2015	14.1007	<i>YOUR</i> impact at Grand Canyon; thanks to you, GCA and Grand Canyon National Park are supporting internships that immerse students in Grand Canyon. <i>Canyon Views</i> (Grand Canyon Association), 22(1) (Spring): 3.
2015	14.1008	Experience the “wild side” of Grand Canyon with the Field Institute. <i>Canyon Views</i> (Grand Canyon Association), 22(1) (Spring): 7. [Grand Canyon Field Institute. Wildlife programs.]

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- 2015 14.1087 Cobb Research Laboratory collaborates with the National Park Services [*sic*]—Grand Canyon to research history and health. *Cobb Research Lab News* (Howard University, W. Montague Cobb Research Laboratory), 2(2) (Spring): [1]. [Collaboration with Grand Canyon National Park “to research and recover narratives concerning the participation of ethnic minorities in the National Parks and the National Forests”. Also an exploration of “practicing mindfulness that will contribute to our second research goal which is to explore how the National Parks can reduce stress and its harmful consequences.” Brief news item only, with illustrations.]
- 2015 14.1024 Grand Canyon National Park tourism creates \$509 million in economic benefits. *Western Outdoor Times/Arizona Boating and Watersports*, 11(3) (May/June): 1, 19.
- 2015 14.1021 *Your* impact at Grand Canyon; preserving the night sky. *Canyon Views* (Grand Canyon Association), 22(2) (Summer): 3. [Promotional piece for Grand Canyon Association.]
- 2015 14.1035 Volunteer power; Tess Ahern, urban planner, Colorado Springs, CO; volunteer and member since: 2011; total hours donated: 260. *Colorado Plateau Advocate*, (Fall/Winter): 25.
- 2015 14.1036 Exploring Grand Canyon, one trail at a time; Grand Canyon Field Institute. *Canyon Views* (Grand Canyon Association), 22(3) (Fall): 13.
- 2015 14.1438 Joshua Kezar ‘12. *In: Alumni Class Notes [SECTION]. Saint Stephen’s* (Saint Stephen’s Episcopal School, Bradenton, Florida), 6(1) (Fall/Winter): 23. [“Joshua Kezar ‘12 was among 64 students from 35 universities who spent a week in July volunteering and learning leadership skills at the 5th Alternative Break Citizenship School at Grand Canyon National Park”, including volunteer time with the Wildland Fire Crew. (No details.)]
- 2015 14.1067 Meet National Park Service educator Graciela Avila. *Canyon Views* (Grand Canyon Association), 22(4) (November): 8.
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- 2016 14.1089 National Park Service interns; inspiring our next generation. *Canyon Views* (Grand Canyon Association), 23(1) (February): 9-10.
- 2016 14.1118 Ed Fund. *Boatman’s Quarterly Review*, 29(2) (Summer): 5. [Ed George.] [**NOTE:** This item is preceded by a memorial to Ed George (1945-2016) by Craig Childs, in the “Farewell” section, p. 4. The memorial is not separately cited in this bibliography because its content is solely a reminiscence from Puerto Bertrand, Chile.]
- 2016 14.1122 The Youth Conservation Corps serving at the canyon. *Canyon Views* (Grand Canyon Association), 23(2) (June): 10.
- 2016 14.1123 Conservation corps: A Grand Canyon legacy. *Canyon Views* (Grand Canyon Association), 23(2) (June): 11. [Civilian Conservation Corps.]
- 2016 14.1144 What value does the Whale Foundation bring to our community? *Boatman’s Quarterly Review*, 29(3) (Fall): 16-17.
- 2016 14.1161 Welcome to The Gauge. *The Gauge* (Grand Canyon Youth), (November):[1]. [Announcing the inaugural issue of “The Bi-Monthly-ish GCY Guide Newsletter”.]

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| 2016 | 14.1176 | Anonymous, 2002; Grand Canyon National Park, Arizona. <i>From</i> : First-hand accounts [sidebar]. <i>In</i> : Gilpin, Lyndsey, How the Park Service is failing women; for decades, the agency tasked with safeguarding our greatest public lands has neglected to protect its workers from discrimination and abuse. <i>High Country News</i> , 48(21) (December 12): 17. |
| 2016 | 14.1177 | Anonymous, 2012; Grand Canyon National Park, Arizona. <i>From</i> : First-hand accounts [sidebar]. <i>In</i> : Gilpin, Lyndsey, How the Park Service is failing women; for decades, the agency tasked with safeguarding our greatest public lands has neglected to protect its workers from discrimination and abuse. <i>High Country News</i> , 48(21) (December 12): 19. |
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| 2017 | 14.1441 | Break Away Alternative Break Citizenship School, July 2016, Grand Canyon National Park. <i>The SEEDS Project</i> , (January): [2]. [Students Engaging in and Enacting a Dialogue on Service.] [Summary report of activities. See also photos of individuals at Grand Canyon, p. [4].] |
| 2017 | 14.1329 | Virtual expedition down the Grand Canyon. <i>Spaulding Youth Center</i> (Spaulding Youth Center, Northfield, New Hampshire), (Spring): [2]. [An on-campus physical activity program designed to “follow” John Wesley Powell’s 1869 expedition on the Colorado River.] [Spaulding Youth Center assists “young people with autism or other developmental and/or behavioral challenges”.] |
| 2017 | 14.1425 | Canyon Connections live video conference. <i>Senior Wise</i> (Senior Center Foundation, Shelburne Falls, Massachusetts), (March/April): 3. [Announcement.] |
| 2017 | 14.1713 | Searching for springsnails at National Jr. Ranger Day. <i>The Oasis</i> (U.S. National Park Service, Mojave Desert Network, Inventory and Monitoring Program, Boulder City, Nevada), (Spring/Summer): 3. [Lake Mead National Recreation Area.] |
| 2017 | 14.1578 | A healthy dose of fun; participating in recreational activities to improve health. Una dosis saludable de diversión; la participación en actividades recreativas para mejorar la salud. <i>Connecting</i> (Raising Special Kids, Phoenix), (Summer): cover, 1-2, 7-8. [Includes notes on 14-year-old Anthony Castle, afflicted by Duchenne Muscular Dystrophy, who is taken on a wheelchair by trail to the bottom of Grand Canyon (cover, pp. 1, 7).] [See also the documentary film by Equator Creative Media (2016, ITEM NO. 26.1369).] [In English (pp. 1-2) and Spanish (pp. 7-8).] |
| 2017 | 14.1288 | History along the trail; protecting Grand Canyon’s unique trailside resources. <i>Canyon Views</i> (Grand Canyon Association), 24(2) (July): 3-4. |
| 2017 | 14.1289 | Be part of something grand! GCA’s Field Institute connects you to the park in new and interesting ways. <i>Canyon Views</i> (Grand Canyon Association), 24(2) (July): 11. |
| 2017 | 14.1568 | 2017 青苗科學家研習活動 [2017 qīngmiáo kēxuéjiā yánxí huódòng]. Young Scientists Study Tour 2017. 香港科學館 教育通訊 [Xiānggǎng kēxué guǎn jiàoyù tōngxùn] / <i>Hong Kong Science Museum, Education Newsletter</i> , 28 (Autumn): 3-4. [See p. 4, photo, “在大峽谷國家公園內，公園管理員正教導同學分辨不同的石頭” [Zài dà xiágǔ guójiā gōngyuán nèi, gōngyuán guǎnli yuán zhèng jiàodǎo tóngxué fēnbiàn bùtóng de shítou.] At the Grand Canyon National Park, a park ranger was |

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- teaching the students to identify various stones.”] [In parallel Chinese and English texts, with bilingual serial title.]
- 2017 14.1291 Bringing kids to the canyon, and the canyon to kids. *Canyon Views* (Grand Canyon Association), 24(3) (October): cover, 3-4.
- 2017 14.1294 GCA Field Institute set to launch 25th season of learning and adventure. *Canyon Views* (Grand Canyon Association), 24(3) (October): 12. [Promotional notice.] [Grand Canyon Field Institute.]
- 2017 14.1239 Experiential learning on the Colorado River. *GWC Newsletter* (Getches-Wilkinson Center for Natural Resources, Energy, and the Environment, University of Colorado Law School), (Fall): 1, 14-15. [“During the spring semester of 2017, Professor Sarah Krakoff led seventeen second and third-year law students through a study of every aspect of the ‘Law of the River.’” This was followed by a rowing trip with Arizona Raft Adventures on the Colorado River from Lees Ferry to Diamond Creek.]
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- 2018 14.1319 Celebrating 25 years of the Grand Canyon Association Field Institute. *Canyon Views* (Grand Canyon Association), 25(2) (Summer): 9-10. [Grand Canyon Field Institute.]
- 2018 14.1331 2018 Kenton Grua Memorial Scholarship winners. *Boatman’s Quarterly Review*, 31(3) (Fall): 11.
- 2018 14.1332 Financial fitness for 2018. *Boatman’s Quarterly Review*, 31(3) (Fall): 13.
- 2018 14.1364 Igniting new passions; with your support, diverse youth from across the country are connecting with the Grand Canyon—and embracing their role as the park’s next stewards. *Canyon Views* (Grand Canyon Association), 25(3) (Fall): 3-4. [Grand Canyon Field School.]
- 2018 14.1365 GCA Field Institute ready to celebrate park centennial in “grand” fashion. *Canyon Views* (Grand Canyon Association), 25(3) (Fall): 5-6. [Grand Canyon Field Institute.]
- 2018 14.1385 Team River Runner, Grand Canyon, Arizona. *Challenge* (Disabled Sports USA, Rockville, Maryland), (Fall): 27. [Notice of September program to send five visually impaired veterans and 15 veteran and volunteer safety guides on an adaptive kayaking trip on the Colorado River through Grand Canyon.]
- 2018 14.1577 ICR Discovery Center update. *Acts and Facts* (Institute for Creation Research), 47(12) (December): 14. [Includes photo, “Dr. Tim Clarey labels the sedimentary layers in the Grand Canyon exhibit.”] [Creationist perspective.]
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- 2019 14.1377 Paperless trail. Every year, we help more than 800,000 travelers plan a Grand Canyon National Park vacation. Here’s a glimpse of our travelers and how to get the best information to build your itinerary. *National Park Journal* (Grand Canyon Edition) (Active Interest Media, Boulder, Colorado), 2019: 5. [Includes statistics.]
- 2019 14.1386 Research grant application announcement. *In: The Bulletin* [NEWSLETTER SECTION]. *The Ol’ Pioneer* (Grand Canyon Historical Society), 30(1) (Winter): 8.

PART 14. SOCIOLOGY, RECREATION, EDUCATION, ECONOMICS, AND RELATED SUBJECTS IN THE GRAND CANYON–LAKE MEAD REGION

Anonymous (continued)

2019	14.1414	California couple enjoys discovery—and personal connection—thanks to the Field Institute. <i>Canyon Views</i> (Grand Canyon Conservancy), 26(1) (Spring): 10-11. [Karen Greig and Mike Frank.] [Grand Canyon Field Institute.]
2019	14.1432	Field Institute day tours bring the canyon to life for curious visitors. <i>Canyon Views</i> (Grand Canyon Conservancy), 26(2) (Summer): 9. [Grand Canyon Field Institute.]
2019	14.1454	Back by popular demand—Point Positive workshops, fall 2019. <i>Boatman’s Quarterly Review</i> , 32(3) (Fall): 14.
2019	14.1476	New Canyon Field School campsite: “There’s nothing else like this at Grand Canyon”. <i>Canyon Views</i> (Grand Canyon Conservancy), 26(3) (Fall): 5.
2019	14.1477	Be the first to register for 2020 Field Institute programs! <i>Canyon Views</i> (Grand Canyon Conservancy), 26(3) (Fall): 6.
2019	14.1661	Student Success Grants fund new equipment and unforgettable experiences. <i>Lake Tahoe Community College Donor Investment Report</i> , (Fall): 3. [Includes remarks and photo relating to LTCC four-unit, field-based course in Grand Canyon.]
2019	14.1457	The ICR Discovery Center for Science and Earth History is now open! <i>Acts and Facts</i> (Institute for Creation Research), 48(10) (October): 16. [Includes photo, “Stand on the edge of Grand Canyon.”] [Creationist perspective.]
<hr/>		
2020	14.1579	Rock star; with his NAU geology degree, environmental consultant Dave Cook is helping cities go greener. <i>Pine</i> (Northern Arizona University, NAU Advancement/Foundation), (Spring): cover, 1, 13-15. [With a focus on Cook’s experiences in Grand Canyon.]
2020	14.1566	What socializing, working, and community outreach looks like March-May, 2020. <i>In: QuaranZine</i> [FEATURE]. <i>Boatman’s Quarterly Review</i> , 33(2) (Spring [sic, Summer]): 61. [Photo collage; mostly showing people (and a dog and Smokey Bear) with face masks.] [“The Grand Canyon Relief Coalition developed the <i>QuaranZine</i> to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with.” (From Margeaux Bestard’s introductory note to <i>QuaranZine</i> .)]
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2021	14.1644	Canyon Conversations. <i>Canyon Views</i> (Grand Canyon Conservancy), 28(1) (Spring/Summer): 32. [Announcement. “NEW to our Grand Guardian membership benefits is the quarterly <i>Canyon Conversations</i> series—interactive, virtual, invite-only presentations by some of the world’s leading experts in the outdoors, science, hiking, and more.” With box noting presentation scheduled for July 15, 2021, by Larry Stevens, on “Biodiversity and Biogeography of the World’s Most Famous Large, Deep Canyon.”]
2021	14.1700	Field Institute resumes operations; Grand Canyon Conservancy is excited to welcome you back to the Field Institute (GCCFI) with our 2022 season! <i>Canyon Views</i> (Grand Canyon Conservancy), 28(2) (Fall/Winter): 22-23. [Following the “pause” due to the COVID-19 pandemic.]

PART 14. SOCIOLOGY, RECREATION, EDUCATION, ECONOMICS, AND RELATED SUBJECTS IN THE
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Anonymous (continued)

2022	14.1721	Take the trip of a lifetime with Grand Canyon Conservancy’s Field Institute. <i>Canyon Views</i> (Grand Canyon Conservancy), 29(1) (Spring/Summer): 30. [Grand Canyon Field Institute.]
2023	14.1792	Two 2023 research grants awarded to Alan Petersen, Caitlin Stewart and Edlin DeSantiago. <i>In: The Bulletin</i> [NEWSLETTER SECTION]. <i>The Ol’ Pioneer</i> (Grand Canyon Historical Society), 34(2) (Spring): 19. [Alan Petersen, Gunnar Widforss research. Caitlin Stewart and Edlin DeSantiago, research on the South Canyon Ranger Station (originally a line shack for the Bar Z Ranch, later a WPA camp and a Tiffany Construction camp; also as a site for the Kaibab Deer Run).]
2023	14.1793	Artist in Residence Program. <i>Canyon Views</i> (Grand Canyon Conservancy), 30(2) (Spring/Summer): 29. [Announcement for summer and fall.]
2023	14.1794	Astronomer in Residence Program. <i>Canyon Views</i> (Grand Canyon Conservancy), 30(2) (Spring/Summer): 30. [Spring review and summer announcement.]
2023	14.1805	Polk internships help students find their path, purpose, and passion. <i>Canyon Views</i> (Grand Canyon Conservancy), 30(3) (Winter 2023/2024): 13-15. [Eugene T. Polk Science Fellowship internships at Grand Canyon National Park. Includes interviews with interns Tania Parra Guardado (vegetation on the North Rim) and Baylee Christensen (juniper tree dieback and establishing native pollinator gardens on the North Rim).]
2023	14.1806	Shifting narratives: Honoring and amplifying Indigenous voices. <i>Canyon Views</i> (Grand Canyon Conservancy), 30(3) (Winter 2023/2024): 18-20. [Regarding Indigenous-peoples informational programs “through social media, video, website content, and other digital media that can reach people worldwide.” Features Grand Canyon National Park ranger (Interpretation and Resource Education) Kelkiyana Yazzie (Diné).]
2024	14.1853	Veterans utilize the Arizona Trail as a path for remembering, healing on Memorial Day. <i>San Manuel Miner</i> (San Manuel, Arizona), 70(26): 11, 14. [Grand Canyon North Rim Eagle Expedition, May 24-28, sponsored by AZTVETS (Arizona Trail Veterans Engagement and Trail Stewardship program) and Team RWB (Red, White and Blue); 38-mile walk on the Kaibab Plateau.]
2024	14.1841	Grand Canyon Speaks podcast: An evolving tapestry of Indigenous culture at the Canyon. <i>Canyon Views</i> (Grand Canyon Conservancy), 31(1) (Summer): 25.
2024	14.1842	Field Institute. Make the most of a sorter trip to the GRand Canyon with day tours! Fall colors hike and camp on the North Rim. <i>Canyon Views</i> (Grand Canyon Conservancy), 31(1) (Summer): 30-31. [Grand Canyon Field Institute promotional piece.]

A

Abt Associates, Inc.

- 2000 14.1286 *Out of sight: The science and economics of visibility impairment.* Bethesda, Maryland: Abt Associates, Inc., for Clean Air Task Force, Boston, Massachusetts, SEPARATELY PAGINATED SECTIONS [86 pp. total]. [Grand Canyon noted throughout.]
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Ach, Richard, AND Clark, Bill

- 1975 14.873 [Notice of new interpretive newspaper, *Grand Canyon SAMA.*] *In Touch* (U.S. National Park Service, Division of Interpretation), 1(6) (March): 26-27. [*Grand Canyon SAMA* began in 1974. See under [ITEM NO.](#) 31.36.]
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Aitchison, Stewart W.; Carothers, Steven W.; AND Johnson, R. Roy

- 1977 14.19 Some ecological considerations associated with river recreation management. *In: Proceedings of the river recreation management and research symposium.* St. Paul, Minnesota: North Central Forest Experiment Station, U.S. Forest Service, *General Technical Report NC-28*, pp. 222-225.
≡ [CROSS-LISTINGS](#) | [CITED» GCNHA Monograph 2: page 86](#) | [CITED» GCNHA Monograph 8: page 4-10](#)
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Albano, Christine

- 2011 14.688 The Kane and Two Mile Ranch outdoor classroom. *Colorado Plateau Advocate*, (Spring/Summer): 19. [Kane Ranch, Two Mile Ranch.]
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Albers, Steve, AND Duriscoe, Dan

- 2001 14.439 Modeling light pollution from population data and implications for National Park Service lands. *The George Wright Forum*, 18(4): 56-68.
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Albert, Jonathan

- 2018 14.1391 A model for outdoor creation education. *In: Whitmore, John H. (Editorial Board Chairman), Proceedings of the Eighth International Conference on Creationism, July 29-August 1, 2018, Pittsburgh, Pennsylvania, USA.* Pittsburgh, Pennsylvania: Creation Science Fellowship, Inc., pp. 248-254. [Focus is the work of ecological and geological educational programs conducted by Canyon Ministries at Grand Canyon, including Colorado River trips.]
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Albert, Matthew Brian

- 2002 14.339 *The relationship between different leadership styles and group cohesion in outdoor challenge education.* Doctoral dissertation, University of California at Los Angeles, 150 pp.
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Albrecht, Don E.

- NO DATE 14.524 *A study of the perceptions, expectations, and satisfaction levels of visitors to Grand Canyon National Park : final report.* College Station, Texas: Department of Rural Sociology and Recreation, Texas A&M University, for U.S. National Park Service, Western Regional Office. [1992.]
- 1992 14.20 Crowding in the Grand Canyon? A study of visitors to Grand Canyon National Park. *Colorado Plateau* (Colorado Plateau Research Station, Northern Arizona University), 2(3) (Summer): 5, 8.

Alexander, Dan; Coil, Mike; Holtey, Clint; Jones, Tyler; Parks, Chris; Radmall, Colby; Tidwell, Justin; Underwood, Mitch; Wilson, Sean; Adams, Dan; AND Udell, Kent

- 2009 14.945 *University of Utah, ME 4010—Spring 2009 : Grand Canyon alternative motor project : ME-4010 final report.* University of Utah, Department of Mechanical Engineering, 52 pp. ("Sponsored by the Grand Canyon River Outfitters Association".)

Alexander, G. D.

- 1969 14.1767 Buck ranger; a firsthand account of ranger training. *National Parks Magazine*, 43(265) (October): 21-23. [Twelve weeks at the Albright Training Center at Grand Canyon.]

Alley, K. E.; Crawford, A.; AND Eakin, J.

- 2011 14.975 Geosciences in an immersive full-dome environment: Developing science and communication skills by creating digital media [ABSTRACT]. *American Geophysical Union, 2011 Fall Meeting, San Francisco, California, 5-9 December*, Abstract ED31A-0713. [Grand Canyon, in passing.]

Allison, David T., AND Haywick, Douglas W.

- 2009 14.1253 Elements of a great geology field trip/course: Llano uplift-Sangre de Cristo-North Rim of the Grand Canyon as an example [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 41(1): 5. [Logistics; not geology.]

Almar Miðvík Halldórsson; Ragnar F. Ólafsson; AND Júlíus Björnsson

- 2007 14.626 *Færni og þekking nemenda við lok grunnskóla : helstu niðurstöður PISA 2006 í náttúrufræði, stærðfræði og lesskilningi.* Reykjavík: Námsmatsstofnun, 120 pp. [See pp. 84, 96-99.] [Educational perspective of students' skills at the end of elementary school. Includes Grand Canyon.] [In Icelandic.] [See also Námsmatsstofnun (no date), ITEM NO. 14.1038.]

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Al-Mutrif, Abdullah Ali Jabri [عبدالله علي جبيري المظريف]

- 2015 14.1621 أثر استخدام اسرنتائجية التعلم امقلوب على حتصيل طالب الصف الأول : الثانوي يف مادة اللغة الإنجليزية واجتاهاهتم حنوما [athara aistikhdam asritatijiat altaealum amlqlwb ealaa htsyl talab alsafi aalwl : alththanwi yf madat allughat a'iljnlayziat wajtahaatum hunuwha]. *The effectiveness of using flipped learning strategy on the improvement of first year secondary students' achievement and their attitude towards the strategy.* Master's thesis, جامعة أم القرى (امملكة العربية السعودية) [Umm Al-Qura University (Kingdom of Saudi Arabia)], 118 pp. [See "ملحق 1 الاختبار التحصيلي يف صورته الأولية" [Appendix 1 The achievement test in its initial form] (pp. 102-105); "ملحق 4 الاختبار التحصيلي في " صورته النهائية" [Appendix 4 Final exam] (pp. 108-110). Both tests are in English, which feature questions relating to the Havasupai Indian Reservation.] [In Arabic, with portions in English; and with bilingual title and abstract.]

Ambrus, Tünde, AND Gyuricza, László

- 2008 14.1611 The role of natural potential in tourism. Rolul potențialului natural în turism. *Geographical Phorum* (Geographical Studies and Environment Protection Research) (University of Craiova, Romania), (7): 151-156. ("Translated into Romanian by Liliana Popescu / Tradus în limba română de Liliana Popescu".) [See p. 156, "The peculiar forms of arid climate (e.g. canyons) can even motivate mass tourism (Colorado Grand Canyon, Arizona)." (in Romanian translation, pp. 155-156) (ENTIRE NOTE). [In parallel English and Romanian texts; serial title in English, thus.]

Andereck, Kathleen L.

- 2012 14.833 *The impact of Arizona Highways Magazine on tourism.* Phoenix: Arizona State University, School of Community Resources and Development, for Arizona Department of Transportation, in cooperation with U.S. Federal Highway Administration, 85 pp. (Arizona Department of Transportation, Final Report 686.)

Anderson, Carl

- 2000 14.270 [Comments.] *In*: "Ice-ssay's," begging and etiquette, or . . . need ice? [FEATURE]. *The Waiting List* (Grand Canyon Private Boaters Association), 4(2) (Summer): 16. [Letter, signed Carl "Motorhead" Anderson, gathered from gcboaters@songbird.com electronic list. Ellipsis is part of feature title.]
- 2000 14.271 [Comments.] *In*: "Ice-ssay's," begging and etiquette, or . . . need ice? [FEATURE]. *The Waiting List* (Grand Canyon Private Boaters Association), Special Issue: 10. [Letter, signed Carl "Motorhead" Anderson, gathered from gcboaters@songbird.com electronic list. Ellipsis is part of feature title.] [NOTE: "A Special Edition of the Grand Canyon Private Boaters Association Quarterly Courtesy of Power Bar", not mailed but distributed at Lees Ferry.]
- 2002 14.327 [Comments.] *In*: "Ice-ssay's"—begging and etiquette, or . . . need ice? [FEATURE]. *The Waiting List* (Grand Canyon Private Boaters Association Quarterly), 6(1) (Summer/Fall): 36. [Special Issue: Reflections—Five Years of Fun—A Waiting List Anthology. Ellipsis is part of feature title.] [Letter, signed Carl "Motorhead" Anderson.]

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Anderson, Cherie

- 2008 14.1596 Interview beberapa pramuwisata internasional. (To improve your english, please discuse with your group to translate this interview) [*sic*]. *In*: Wardhani, U. E., *Usaha jasa pariwisata : Jilid 2 : untuk Sekolah Menengah Kejuruan*. Jakarta, Indonesia: [Indonesia] Departemen Pendidikan Nasional, Direktorat Jenderal Manajemen Pendidikan Dasar dan Menengah, Direktorat Pembinaan Sekolah Menengah Kejuruan, pp. 290-299. [Interview with Anderson, owner and president of Professional Tour Management Training, Lake Forest, California. Includes notes on Grand Canyon, p. 296.] [Item in English, with title in Indonesian and English, thus; volume is in Indonesian.]
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Anderson, Ellen

- 2015 14.1010 Junior Ranger Day; education outreach, Lake Mead National Recreation Area. *Boulder City Magazine* (Boulder City, Nevada), (March): cover, ____.
-

Anderson, Grant S.; Horonjeff, Richard D.; Menge, Christopher W.; Miller, Nicholas P.; Robert, William E.; Rossano, Christopher; Sanchez, Gonzalo; Baumgartner, Robert M.; AND McDonald, Cary

- 1993 14.710 *Dose-response relationships derived from data collected at Grand Canyon, Haleakala and Hawaii Volcanoes national parks*. Madison, Wisconsin, HBRIS, Inc., and Lexington, Massachusetts: Harris, Miller, Miller, and Hanson, Inc., for U.S. National Park Service, Denver Service Center, report no. 290940.14 (contract no. CS-2000-0-0025). (NPOA [National Parks Overflights Advisory Group] Report 93-6.) [Visitor reactions to aircraft overflights.]
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Andres, Camille

- 2020 14.1619 Tourisme durable: comment le pratiquer en Suisse? *Réformés* (Journal des Eglises réformées romandes) (Lausanne), Edition Les Chamberonnes, (38) (July/August): 14-15. [See p. 14, note of Grand Canyon tourism requiring a visitor center capable of handling 4,000 visitors per hour. (No details.)] [\[In French.\]](#)
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Andrews, Kim

- 2005 14.448 Grand Canyon Semester. *Canyon Views* (Grand Canyon Association), 11(4) (Winter): 3.
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Andrews, Sarah

- 2013 14.1136 Transferrable skills: From geology to writing fiction about science (not to be confused with science fiction) [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 45(7): 876. [Includes Edwin D. McKee and Grand Canyon.]
- 2016 14.1137 GSA President's Medal: An essential state of wonder: Interpreting science in the parks [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 48(7): Paper 96-1, doi:10.1130/abs/2016AM-276867. [Includes Edwin D. McKee and Grand Canyon.]

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**Aragon-Long, Susan C.; Burkett, Virginia R.; Weyers, Holly S.; Haig, Susan M.; Davenport, Marjorie S.;
AND Warner, Kelly L.**

- 2018 14.1333 A snapshot of women of the U.S. Geological Survey in STEM and related careers. *U.S. Geological Survey, Circular 1443*, 100 pp. [Cover also produced as a poster and a postcard.] [Pertinent individually authored items are cited separately in this bibliography.] [Science, Technology, Engineering, Mathematics.]

Argonne National Laboratory, Decision and Information Sciences Division

- 2013 14.858 *Financial analysis of experimental releases conducted at Glen Canyon Dam during Water Year 2012*. Argonne, Illinois: Argonne National Laboratory, Decision and Information Sciences Division, 26 pp. (ANL/DIS-13-2.)

Ariely, Dan, AND Loewenstein, George

- 2000 14.642 When does duration matter in judgment and decision making? *Journal of Experimental Psychology: General*, 129(4): 508-523.

Arizona Department of Mineral Resources

- 1976 14.1635 (COMPILER) *Directory of earth science clubs in Arizona*. Phoenix: Arizona Department of Mineral Resources, [iii], 14 pp.

Arizona Department of Transportation, Aeronautics Group

- 2021 14.1871 *Arizona Aviation Economic Impact Study : technical report*. Phoenix: Arizona Department of Transportation, Aeronautics Group, SEPARATELY PAGINATED SECTIONS [184 pp. total].
- 2021 14.1872 *2021 ADOT Arizona Aviation Economic Impact Study : Grand Canyon National Park*. Phoenix: Arizona Department of Transportation, Aeronautics Group, folded brochure.
- 2021 14.1873 *2021 ADOT Arizona Aviation Economic Impact Study : Grand Canyon West*. Phoenix: Arizona Department of Transportation, Aeronautics Group, folded brochure.

Arizona Department of Transportation, Transportation Planning Division

- 1977 14.22 *Grand Canyon : South Rim usage study, 1977*. Arizona Department of Transportation, Transportation Planning Division, 109 pp.
≡ [CROSS-LISTINGS](#) | [CITED»](#) [GCNHA Monograph 8: page 7-14](#)

Arizona Highway Department

- 1965 14.21 *Grand Canyon traffic survey, Grand Canyon National Park, 1965*. Phoenix: Arizona Highway Department, 51 pp.

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≡ CROSS-LISTINGS |cited» GCNHA Monograph 8: page 7-14|

Arizona Hospitality Research and Resource Center

see also “Northern Arizona University, W. A. Franke College of Business, Center for Business Outreach, Arizona Hospitality Research and Resource Center”

- 2005 14.432 *Grand Canyon National Park, northern Arizona : South Rim study.* Flagstaff: Arizona Hospitality Research and Resource Center, School of Hotel and Restaurant Management, Northern Arizona University, 91 pp.
- 2005 14.433 *Grand Canyon National Park, northern Arizona : North Rim study.* Flagstaff: Arizona Hospitality Research and Resource Center, School of Hotel and Restaurant Management, Northern Arizona University, 130 pp.

Arizona National Forests Socioeconomic Assessment Team

- 2005 14.834 *Socioeconomic assessment of the Kaibab National Forest.* Tucson: University of Arizona, School of Natural Resources, Arizona National Forests Socioeconomic Assessment Team, for Kaibab National Forest, Williams, Arizona, and U.S. Forest Service, Region 3, Albuquerque, New Mexico, 145 pp.

Arizona State University, Center for Education Through eXploration (ETX)

- 2018 14.1324 *Mystery of Blacktail Canyon : high school 21st century skills standards alignment.* [No place]: U.S. National Aeronautics and Space Administration, 11 pp. (Cover title: *Blacktail : high school 21st century skills alignment document.*) (“Copyright 2016-2021 [sic].” Version seen marked, “Last edited: April 23, 2018”.) [Virtual field trip to Grand Canyon.]

Arizona State University, Osher Lifelong Learning Institute

- 2019 14.1529 *Spring 2019 class schedule : for the love of learning : university-quality, non-credit classes for students 50+.* [No place]: Arizona State University, Osher Lifelong Learning Institute, 40 pp. [including wraps]. [See under “Downtown Phoenix campus”, p. 16: “The Crown Jewels of Natural America: Grand Canyon National Park and the Backcountry Ranger. Instructor: Gregory Hansen” (one-time Grand Canyon backcountry ranger).]

Armanino LLP

- NO DATE 14.1654 *Best Western Premier reosort cuts monthly close in half, saves 20 hours a week : case study.* [No place]: Armanino LLP, [1], 3 pp. [2018.] [Best Western Premier Grand Canyon Squire Inn [Tusayan, Arizona] use of Sage Intacct accounting software.]

Arndt, Chelsea

- 2020 14.1548 Shelter in place. *In: QuaranZine* [FEATURE]. *Boatman’s Quarterly Review*, 33(2) (Spring [sic, Summer]): 37. [Drawing of boatman with oversized hat.] [“The Grand

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- Canyon Relief Coalition developed the *QuaranZine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with." (From Margeaux Bestard's introductory note to *QuaranZine*.)]
- 2020 14.1560 Zoom. *In: QuaranZine* [FEATURE]. *Boatman's Quarterly Review*, 33(2) (Spring [*sic*, Summer]): 52. [Drawing of a computer screen with "Zoom" video conferencing display showing a bighorn sheep, raven, rattlesnake, and Humpback chub.] ["The Grand Canyon Relief Coalition developed the *QuaranZine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with." (From Margeaux Bestard's introductory note to *QuaranZine*.)]
- 2020 14.1567 2020 GCRG T-shirts. *In: QuaranZine* [FEATURE]. *Boatman's Quarterly Review*, 33(2) (Spring [*sic*, Summer]): 62. [Artwork by Arndt, with a pandemic-themed. Front art shows a television set with image, "Grand Canyon River Guides 2020 Curbside Pickup and Delivery"; back art shows a Grand Canyon geologic column labeled "Geologic Social Distancing", with strata thicknesses and unconformities each labeled "6'"] ["The Grand Canyon Relief Coalition developed the *QuaranZine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with." (From Margeaux Bestard's introductory note to *QuaranZine*.)]

Aronson, Jeffe

- 1991 14.23 Jumping Mice. *The News* (Grand Canyon River Guides), 4(2) (Summer): 12-13. [Jumping Mouse Camp; guided river trips for persons with disabilities.]

Aronson, Jeffe, AND Steiger, Lew

- 2016 14.1145 Jeffe Aronson and Jumping Mouse. *Boatman's Quarterly Review*, 29(3) (Fall): 1, 30-46. [Oral history interview.] [Jumping Mouse Camp; guided river trips for persons with disabilities.]

Astanin, Dmitry M.

- 2019 14.1581 Ecological and cultural aspects of the evolutionary development models of ecological tourism. *In: Uzunboyly, Huseyin* (ed.), 6th Global Conference on Contemporary Issues in Education (GLOBE-EDU 2019), Christian University[,] St. Petersburg, Russia[,] 29-31 August 2019 : proceedings. *New Trends and Issues Proceedings on Humanities and Social Sciences* (Science Park Research Organization and Counseling, Nicosia, Cyprus), 6(6) (December): 30-40. [Grand Canyon, see pp. 31-32.] [Serial apparently machine-translated to English.]

Aðalsteinsdóttir, Erla Björg see Erla Björg Aðalsteinsdóttir

Atikeeva, S. N.; Karazhanova, M. H.; and Ospanova, A. E. [Атикеева, С. Н.; Каражанова, М. Х.; Оспанова А. Е.]

- 2021 14.1849 *Экологиялық туризм: оқу құралы* [Ékologiyalıq twrızım: oqw quralı] [**Ecological tourism: a study tool**]. Нұр-Сұлтан: «Тұран-Астана» Университеті [Nur-Sultan,

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Kazakhstan: «Turan-Astana» Wniversiteti] [Nur-Sultan: "Turan-Astana" University], 135 pp. [See "Дәріс 3. Әлемдік аймақтар және экологиялық туризм орталықтары" [Däris 3. Älemdik aymaqtar jäne ékologiyalıq twrizm ortalıqtarı] [Lecture 3. World regions and ecological tourism centers]; specifically, p. 69, "Үлкен каньон ұлттық паркінде ұзындығы 460 км, ені 30 км-ге дейін және тереңдігі 1,6 км болатын әлемдегі ең керемет каньон аңғары орналасқан. Жолдармен жүру үшін жылқылар, қашырлар, тау велосипедтері қолданылады. Колорадо өзені бойынша американдық рафтинг салдарында қорытпалар жүзеге асырылады." (Grand Canyon National Park is home to the world's most spectacular canyon valley, 460 km long, up to 30 km wide and 1.6 km deep. Horses, mules, and mountain bikes are used to travel on the roads. People are carried on American rafting boats on the Colorado River. [freely translated]) (ENTIRE NOTE)] [In Kazakh.]

Atkins, Rachel M.; Wegmann, Karl W.; Brewer, Chester; AND McConnell, David

2019 14.1470 GeoJourney: Improving undergraduate pathways into the geosciences through an outdoor experiential high school-to-university bridge course [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 51(5): Paper No. 190-5 (<https://gsa.confex.com/gsa/2019AM/meetingapp.cgi/Paper/337509>). [Abstract includes notes of Grand Canyon, East Kaibab monocline, Buckskin Gulch, and Glen Canyon Dam.]

Audubon [National Audubon Society, Audubon Arizona]

NO DATE 14.1413 *The economic impact of Arizona's rivers, lakes, and streams : how water-based outdoor recreation contributes to statewide and local economies.* [No place]: Audubon, 8 pp. [2019.] [This is an executive summary, separately formatted and with illustrations, of the report by Southwick Associates (2019, ITEM NO. 14.1412) for Audubon Arizona.]

Aura, Isabella; Hassan, Lobna; AND Hamari, Juho

2020 14.1612 "Harry's escape was education": A case study of storified pedagogy [ABSTRACT]. *In: Abstraktikirja : Kasvatustieteen Päivät 2020 : Kestävä kasvatus—kestävä tulevaisuus : 15.-16.12.2020, Helsingin yliopisto.* Helsinki: Helsingini Yliopisto, and Suomen Kasvatustieteellinen Seura Ry, p. 172. [Notes (thus), "A school in the United States [not identified] has storified majority of their learning environments into various fictional (e.g., Harry Potter, Disney) and nonfictional (Grand Canyon, forest) worlds for students to learn in and for teachers to incorporate in their pedagogy." (ENTIRE NOTE)] [Item in English; volume in Finnish and English.]

Austin, Diane E.; Bullets, Kevin; AND Bullets, Charley

2017 14.1352 Sharing perspectives and learning from one another: Southern Paiutes, scientists, and policymakers in the Glen Canyon Dam Adaptive Management Program [ABSTRACT]. *In: American Geophysical Union, Fall Meeting 2017*, abstract PA53A-0247.

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Boy Scouts of America, Grand Canyon Council

- NO DATE 14.41 *Council trail awards program.* Boy Scouts of America, Grand Canyon Council, [66] pp. [Includes "Hiking the trails of the Grand Canyon National Park, northern Arizona, and southern Utah; a program for Boy Scouts".]

Boyer, Mathew, AND Moysey, Stephen

- 2017 14.1183 Immersive and interactive: Virtual reality in a contextually-rich learning environment [ABSTRACT]. *In: ALA Atlanta Midwinter Meeting and Exhibits : The conversation starts here . . . : January 20-24, 2017 : American Library Association : meeting guide and exhibits directory*, p. 18. ["Funded by the national Science Foundation . . . this project focuses on developing immersive virtual reality field experiences (VRFE) for use in educational settings with a first product specifically focused on a field experience in a virtual reproduction of the Grand Canyon targeted toward undergraduate introductory geology courses."] [Ellipsis in document title is part of the title.]

Boyle, Kevin J.; Welsh, Michael P.; AND Bishop, Richard C.

- 1993 14.42 The role of question order and respondent experience in contingent-valuation studies. *Journal of Environmental Economics and Management*, 25(1, Part 2) (July): S/80-S/99.

Boyle, Kevin J.; Welsh, Michael P.; Bishop, Richard C.; AND Baumgartner, Robert M.

- 1988 14.43 Analyzing the effects of Glen Canyon Dam releases on Colorado River recreation using scenarios of unexpected flow conditions. *In: Loomis, John B. (compiler), W-133, Benefits and costs in natural resource planning: interim report.* Davis, California: Department of Agricultural and Resource Economics, University of California.
- 1995 14.44 Validating contingent valuation with surveys of experts. *Agricultural and Resource Economics Review*, 24(2): 247-254.

Boyle, Mike

- 2003 14.355 The Whale Foundation presents: Transitioning careers; how veteran guide Mike Boyle found a dream job in the real world and his way back to the river. *In: Back of the Boat* [SECTION]. *Boatman's Quarterly Review*, 16(2) (Summer): 8-9. [See also comment by Skip Horner, 16(3): 6.]

Boyle, Rob

- 2000 14.272 [Comments.] *In: "Ice-ssay's," begging and etiquette, or . . . need ice?* [FEATURE]. *The Waiting List* (Grand Canyon Private Boaters Association), 4(2) (Summer): 16. [Letter, gathered from gcboaters@songbird.com electronic list. Ellipsis is part of feature title.]
- 2000 14.273 [Comments.] *In: "Ice-ssay's," begging and etiquette, or . . . need ice?* [FEATURE]. *The Waiting List* (Grand Canyon Private Boaters Association), Special Issue: 10. [Letter, gathered from gcboaters@songbird.com electronic list. Ellipsis is part of feature title.]

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[NOTE: “A Special Edition of the Grand Canyon Private Boaters Association Quarterly Courtesy of Power Bar”, not mailed but distributed at Lees Ferry.]

- 2002 14.328 [Comments.] *In*: “Ice-ssay’s”—begging and etiquette, or . . . need ice? [FEATURE]. *The Waiting List* (Grand Canyon Private Boaters Association Quarterly), 6(1) (Summer/Fall): 36. [Special Issue: Reflections—Five Years of Fun—A Waiting List Anthology. Ellipsis is part of feature title.]

Brady, Rachel

- 2016 14.1175 Rachel Brady, 2013-2014; Grand Canyon National Park, Arizona. *From*: First-hand accounts [sidebar]. *In*: Gilpin, Lyndsey, How the Park Service is failing women; for decades, the agency tasked with safeguarding our greatest public lands has neglected to protect its workers from discrimination and abuse. *High Country News*, 48(21) (December 12): 19.

Bressler, Jon

- 2008 14.831 Semester in the Southwest. *In*: Spring Semester Update [SECTION]. *Eagle View Newsletter* (Success Oriented Achievement Realized [S.O.A.R.], Balsam, North Carolina), 13 (Spring): [unpaginated]. [News note from Southwestern Eagle View Ranch Semester program, noting in part that one expedition has thus far been taken; “destinations included . . . Grand Canyon Caverns, Havasu [*sic*] Indian Reservation” (ENTIRE NOTE)]

Brett, Quinn, AND Drake, Erin

- 2023 14.1832 Wheelchairs in wilderness: One user’s perspective on ways to improve wilderness accessibility for all. *International Journal of Wilderness*, 29(2) (December): 38-48. [Although generally written, the article focuses on a trip on an unidentified “rim-to-river trail . . . [that] traverses 7 miles to the mouth of the river”, which notes, in the first-person (Brett, though not specifically stated), “I ran it for the first time in 2016 . . . [and] experienced physical challenge, solitude, and almost overwhelming natural beauty.” But see Helmy (2024, ITEM NO. 14.1833), who confirms, “Quinn Brett and Erin Drake recounted a trip along the Grand Canyon National Park’s Rim-to-River trail, told from Brett’s perspective as a person who uses a wheelchair for mobility.”]

Brickler, Stanley K., et al.

- 1974 14.538 *Some social aspects of recreation use capacity of river float trips through Marble and Grand Canyons : a proposal to the National Park Service, Western Region.* [No imprint] [Tucson?], 68 pp.

Brindley, Laura B.

- 1941 14.45 *A geography and early history of Arizona for the third and fourth grade level.* Master’s thesis, Arizona State Teachers College, 72 pp.

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Britch, Cassie

- 2017 14.1598 Grand Canyon National Park in tourism system of the USA. *In*: Градинар, Г. І. [Gradinar, G. I.] (compiler), *Філологія XXI Ст. : Методика Викладання Іноземних Мов : Збірник Наукових Праць : Ізмаїл – 2017* [Filolohiya XXI St. : Metodyka vykladannya inozemnykh mov : Zbirnyk Naukovykh Prats' : Izmayil—2017] \ *Филология XXI Ст. Методика Преподавания Иностранных Языков : Сборник Научных Работ : Измаил—2017* [Filologiya KHXI St. Metodika Prepodavaniya Inostrannykh Yazykov : Sbornik Nauchnykh Rabot : Izmail—2017] [Philology of the XXI century : methods of teaching foreign languages: collection of scientific papers: Izmail—2017]. (Я. В. Кічук [Ya. V. Kichuk], ed-in-chief.) [No place]: Міністерство Освіти і Науки України, Ізмаїльський Державний Гуманітарний Університет, Факультет Іноземних Мов, Студентське Наукове Товариство Ідгу, Придунайський Центр Громадських Ініціатив [Ministerstvo Osvity i Nauky Ukrainy, Izmayil's'kyu Derzhavnyy Humanitarnyy Universytet, Fakul'tet Inozemnykh Mov, Student's'ke Naukove Tovarystvo Idhu, Prydunays'kyu Tsent' Hromads'kykh Initsiatyv] [Ukraine, Ministry of Education and Science, Izmail State University for the Humanities, Faculty of Foreign Languages, Idgu Student Scientific Society, Danube Center for Public Initiatives], pp. 15-16. [Volume cover title: *Філологія XXI століття. Методика викладання іноземних тов : Ізмаїл—2017* [Filolohiya XXI stolittya. Metodyka vykladannya inozemnykh tov : Izmayil—2017] [Philology of the XXI century. Methods of teaching foreign comrades: Izmail—2017].] [Item is in English. Volume with cover in Ukrainian, and title-pages in Ukrainian and Russian, thus.]

Brittan, Margaret Regina

- 1960 14.46 *A probability model for integration of Glen Canyon Dam into the Colorado River system*. Doctoral dissertation, University of Colorado at Boulder, 201 pp. [Economics.]

Bronco [pseudonym] [Bruchek, Bill]

- 1996 14.47 The bad letter. *Hibernacle News*, 1996: 15. [River trip passenger satisfaction.]

Brons, Lajos

- 2016 14.1258 Facing death from a safe distance: *Samvega* and moral psychology. *Journal of Buddhist Ethics*, 23: 83-128. [See pp. 90-91, brief remarks regarding Gendler's (2008, ITEM NO. 14.575) notion of "alief", as experienced at the Grand Canyon Skywalk, Hualapai Indian Reservation.]

Brookes, Nancy

- 1991 14.48 Sociological data. *In*: *Colorado River Investigations #10 : July/August, 1991* (supervised by Stanley S. Beus, Lawrence E. Stevens, and Frank B. Lojko). Northern Arizona University, for U.S. National Park Service, Grand Canyon National Park, pp. 117-124.

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Brown, Chandra Marie

- 2016 14.1130 *Between rivers : reflections on home, obligation, and otherness from a confluence of conservation and connectivity.* Master's thesis, University of Montana, 149 pp. [Colorado River in Grand Canyon, see pp. 32-35.]
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Brown, Chris R. [Brown, Christopher R.]; **Springer, Abraham;** **AND Rice, Steven**

- 2008 14.493 GeoFORCE Texas: A comprehensive program to significantly increase diversity in the geosciences [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 40(6): abstract no. 176-9.
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Brown, Dave; **Reeder, Ben;** **AND Hamilton, Lynn**

- 2023 14.1795 Rite of spring, right in time: High Flow Experiment, April 24-27, 2023. *Boatman's Quarterly Review*, 36(2) (Summer): 4-5. [Administrative and environmental issues pertaining to the HFE during the present extreme conditions in the Colorado River basin.]
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Brown, Dick

- 2022 14.1717 President's letter. Prevailing in a virtual world. *The Ol' Pioneer* (Grand Canyon Historical Society), 33(1) (Winter): 2-3. [Principally regarding the society's virtual programming during the COVID-19 pandemic and online resources.]
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Brown, Kristin M.; **Fritzinger, Carol;** **AND Wharton, Emma**

- 2004 14.980 Populating a control point database: A cooperative effort between the USGS, Grand Canyon Monitoring and Research Center and the Grand Canyon Youth organization [ABSTRACT]. *Eos* (American Geophysical Union, Transactions), 85(47, Fall Meeting Supplement), Abstract ED31A-0737. [U.S. Geological Survey, Grand Canyon Monitoring and Research Center.]
- 2005 14.404 Grand Canyon and Monitoring and Research Center [*sic*] partners with Grand Canyon Youth for Youth-In-Science program [ABSTRACT]. *In: Colorado River Ecosystem Science Symposium 2005. Abstracts. October 25-27, 2005, Fiesta Inn Resort, 2100 South Priest Drive, Tempe, AZ.* [Flagstaff, Arizona]: [U.S. Geological Survey, Grand Canyon Monitoring and Research Center], p. 72.
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Brown, Mathieu

- 2004 14.368 Grand Canyon Monitoring Program partners for a Leave No Trace emphasis. *River Management Society News*, 17(1) (Spring): 1, 5.
- 2004 14.378 Sustainable recreation at Grand Canyon: Inventorying campsites below the rim. *Nature Notes* (Grand Canyon National Park), (Fall): 10-11.
- 2009 14.1836 The evolution of minimum impact techniques on the Colorado River through Grand Canyon [ABSTRACT]. *In: Rethinking Protected Areas in a Changing World : the 2009*

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George Wright Society Biennial Conference on Parks, Protected Areas, and Cultural Sites : program and abstracts, pp. 108-109.

- 2013 14.1097 Landscape-based learning: A framework for interdisciplinary experiential education [ABSTRACT]. *GWS2013 : Protected Areas in a Changing World, Denver, Colorado, March 11-15, 2013*. [No place]: George Wright Society, abstract 5595. [Regarding a Fall 2011 program between Grand Canyon National Park and several universities, "to offer a semester of undergraduate study focused on the Grand Canyon region and contemporary approaches to park management".]

Brown, Mathieu, AND Hines, Kirstin

- 2006 14.431 Grand Canyon Semester 2005. *Boatman's Quarterly Review*, 19(1) (Spring): 30.
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Brown, Ron

- 2003 14.1754 Career building with the IDP; visitor orientation specialists' perspective. *Ranger* (Association of National Park Rangers, Journal), 21(2) (Spring): 14-15. [Interpretive Development Program. The author writes on the experiences of himself and his wife, Pat; both are rangers at Grand Canyon.]
- 2014 14.1748 "Well, I'm here. What should I do?" Some thoughts on the occasion of Grand Canyon's 95th birthday, Feb. 26, 2014. *Ranger* (Association of National Park Rangers, Journal), 30(3) (Summer): 12-13. [Relates to visitor experience.]
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Brown, Thomas C.; Champ, P. A.; Bishop, R. C.; AND McCollum, D. W.

- 1996 14.737 Which response format reveals the truth about donations to a public good? *Land Economics*, 72(2) (May): 152-166.

Brown, Thomas C.; Harding, Benjamin L.; AND Payton, Elizabeth A.

- 1990 14.529 Marginal economic value of streamflow: A case study for the Colorado River basin. *Water Resources Research*, 26(12): 2845-2859.
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Bruchek, Bill *see* **Bronco**

Brunson, Michael A., AND Sharp, R. L.

- 2019 14.1447 Not your father's canyon? Historical, current, and future perspectives of visitor use at Grand Canyon National Park [ABSTRACT]. *In: 15th Biennial Conference of Science and Management for the Colorado Plateau and Southwest Region : theme: "Science and Solutions for Conserving the Southwest's Land, Water, Biodiversity and Cultures" : September 9-12, 2019, High Country Conference Center, Northern Arizona University, Flagstaff, Arizona*, p. 18.
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Bryan, Greg

- 2014 14.1001 Statement of Greg Bryan. *In*: U.S. House of Representatives, Committee on Oversight and Government Reform, and Committee on Natural Resources, *As difficult as possible: The National Park Service’s implementation of the government shutdown. Joint hearing before the Committee on Oversight and Government Reform and the Committee on Natural Resources, House of Representatives, One Hundred Thirteenth Congress, First Session, October 16, 2013. Serial No. 113-116 (Committee on Oversight and Government Reform). Serial No. 113-48 (Committee on Natural Resources)*. Washington, D.C.: U.S. Government Printing Office, pp. 12-14; and facsimile reproduction of prepared statement, pp. 15-20. (“Testimony given by Greg Bryan, Mayor of the Town of Tusayan, Arizona”.)
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Bryant, Gerald Craig

- 2012 14.777 A pilot program in a multi-faceted initiative supporting field education in the geosciences [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 44(6): 1.
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Bryant, Harold C., AND Atwood, Wallace W., Jr.

- 1932 14.1129 *Research and education in the national parks*. Washington, D.C.: U.S. Government Printing Office, 66 pp. (U.S. National Park Service)
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Bryant, Margaret A.

- 1991 14.49 Listening to the “Grand Canyon Suite”. *Independent School*, 51(1) (Fall): 13-.
≡ CROSS-LISTINGS | CITED» GCNHA Monograph 8: page 12-21|
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Bryant, Rich

- 2000 14.274 [Comments.] *In*: “Ice-ssay’s,” begging and etiquette, or . . . need ice? [FEATURE]. *The Waiting List* (Grand Canyon Private Boaters Association), 4(2) (Summer): 16. [Letter, gathered from gcboaters@songbird.com electronic list. Ellipsis is part of feature title.]
- 2000 14.275 [Comments.] *In*: “Ice-ssay’s,” begging and etiquette, or . . . need ice? [FEATURE]. *The Waiting List* (Grand Canyon Private Boaters Association), Special Issue: 10. [Letter, gathered from gcboaters@songbird.com electronic list. Ellipsis is part of feature title.]
[NOTE: “A Special Edition of the Grand Canyon Private Boaters Association Quarterly Courtesy of Power Bar”, not mailed but distributed at Lees Ferry.]
- 2002 14.329 [Comments.] *In*: “Ice-ssay’s”—begging and etiquette, or . . . need ice? [FEATURE]. *The Waiting List* (Grand Canyon Private Boaters Association Quarterly), 6(1) (Summer/Fall): 36. [Special Issue: Reflections—Five Years of Fun—A Waiting List Anthology. Ellipsis is part of feature title.]
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Buchheit, Mike

- 2007 14.474 Education takes a plunge: On the river with GCFI. *Canyon Views* (Grand Canyon Association), 13(2) (Summer): 3. [Grand Canyon Field Institute.]
- 2010 14.681 A family affair takes the fore at GCFI. *Canyon Views* (Grand Canyon Association), 16(4) (Winter): 5. [Grand Canyon Field Institute.]
- 2011 14.727 Do something grand with GCFI in 2012. *Canyon Views* (Grand Canyon Association), 18(4) (Winter): 6-7. [Grand Canyon Field Institute.]
- 2012 14.1372 Art and the river. *In: Around the Plateau on Public Lands* [SECTION]. *Sojourns* (Peaks, Plateaus and Canyons Association), 7(1) (Winter/Spring): 46-47. [Grand Canyon National Park and Grand Canyon Youth-sponsored art-based Colorado River trip—“Grand Inspiration” (GRIN)—through Grand Canyon.]
- 2012 14.772 Getting inspired with the Grand Canyon Field Institute. *Canyon Views* (Grand Canyon Association), 19(1) (Spring): 7.
- 2012 14.781 At the intersection of adventure and education: Grand Canyon Field Institute approaches 20 years. *Canyon Views* (Grand Canyon Association), 19(2) (Summer): 8-9.
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Buckley, Ralf

- 2002 14.1861 Surf tourism and sustainable development in Indo-Pacific islands. II. Recreational capacity management and case study. *Journal of Sustainable Tourism*, 10(5): 425-442. [See under “Quotas and permits” (pp. 430-431), includes Colorado River in Grand Canyon.]
- 2004 14.1482 The effects of World Heritage listing on tourism to Australian national parks. *Journal of Sustainable Tourism*, 12(1): 70-84. [See p. 83, remarks on Grand Canyon National Park, U.S.]
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Budruk, Megha; Vogt, Christine; AND Andereck, Kathleen

- 2019 14.1448 Painting a picture of northern Arizona visitors from multiple visitor studies: research and management implications [ABSTRACT]. *In: 15th Biennial Conference of Science and Management for the Colorado Plateau and Southwest Region : theme: “Science and Solutions for Conserving the Southwest’s Land, Water, Biodiversity and Cultures” : September 9-12, 2019, High Country Conference Center, Northern Arizona University, Flagstaff, Arizona*, p. 19. [NOTE: This abstract appears twice on p. 19, with slightly different wording. Apparently, one was to substitute for the other but the original was not deleted.]
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Burch, Riley

- 2023 14.1799 Prez blurb. *Boatman’s Quarterly Review*, 36(3) (Fall): 1-2. [Features reminiscence of a water rescue in Son of Lava rapid and remarks on the sociality of the boating community.]
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Burford, Grace G.

- 2004 14.1182 The nuts and bolts of site visits. *Spotlight on Teaching* (American Academy of Religion, Atlanta, Georgia), 19(4) (October): v, xiv. [Includes remarks and photo of the author's site visit class on "Religion and Science", co-taught with a geologist at Grand Canyon.]

Burke, Brandy

- 2013 14.938 Grand Canyon karma. *Pinyon Press* (Xanterra South Rim, L.L.C., Grand Canyon), 2013(9) (May 1): 8.

Burke, Fred

- 1992 14.50 Words from Fred. *The News* (Grand Canyon River Guides), 5(3) (Summer): 8.

Burrall, Jessie L.

- 1920 14.1269 Picture material for geography classes. *In*: National Education Association of the United States : Addresses and Proceedings of the Fifty-eighth Annual Meeting held at Salt Lake City, Utah, July 4-10, 1920. *National Education Association of the United States, Addresses and Proceedings* (Washington, D.C.), 58: 382-383. [Regarding children's perceptions from unillustrated texts. See p. 383: "How can we appreciate the grandeur of Shasta, Rainier, or the Grand Canyon if the only picture we have of them is the weak and inadequate one 'home made' from descriptive text!" (ENTIRE NOTE)]

Bursztyn, Natalie

- 2015 14.1092 *The Colorado Plateau as a virtual laboratory for mobile games for geoscience education and relations between rock strength and river metrics*. Doctoral dissertation, Utah State University, 158 pp.
- 2019 14.1469 From Grand Canyon to Yosemite: Lessons learned about digital geoscience learning using mobile smart devices [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 51(5): Paper No. 52-3 (<https://gsa.confex.com/gsa/2019AM/meetingapp.cgi/Paper/332816>).
- 2020 14.1531 From Grand Canyon to Yosemite: Lessons learned from the development and assessment of digital geoscience field trips for mobile smart devices. *In*: America's Largest Classroom; Expanding the Role of Education in Our Parks [THEME]. *PSF: Parks Stewardship Forum* (Interdisciplinary Journal of Place-Based Conservation), 36(2): 241-245.

Bursztyn, Natalie; Pederson, Joel L.; AND Shelton, Brett

- 2012 14.973 Grand Canyon as a universally accessible virtual field trip for intro Geoscience classes using geo-referenced mobile game technology [ABSTRACT]. *American Geophysical Union, 2012 Fall Meeting, San Francisco, California, 3-7 December*, Abstract ED51A-0868.

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Bursztyn, Natalie; Pederson, Joel L.; Shelton, Brett; AND Walker, Andrew

- 2014 14.974 Virtual Grand Canyon field trips as mobile games for geoscience education [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 46(6): 802.

Bursztyn, Natalie; Pederson, Joel L.; Shelton, Brett; Walker, Andrew; AND Campbell, Todd

- 2014 14.1093 Utilizing geo-reference mobile game technology for universally accessible virtual geology field trips. *International Journal of Education in Mathematics, Science and Technology*, 3(2) (April): 93-100.

Bursztyn, Natalie; Shelton, Brett; Walker, Andy; AND Pederson, Joel L.

- 2017 14.1390 Increasing undergraduate interest to learn geoscience with GPS-based augmented reality field trips on students' own smartphones. *GSA Today* (Geological Society of America), 27(6) (June): cover, contents page, 4-10 + Supplemental Data Item 2017056, 7 pp. [Global Positioning System.]

Bursztyn, Natalie; Walker, Andrew; Pederson, Joel L.; AND Shelton, Brett

- 2016 14.1108 Bringing Grand Canyon to the campus quad: Assessment of student motivation and student learning in the geosciences through virtual field trips for mobile smart-devices [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 48(4), doi:10.1130/abs/2016CD-274140.

Bursztyn, Natalie; Walker, Andrew; Shelton, Brett; AND Pederson, Joel L.

- 2015 14.1039 Stimulating student interest with smartphones: Increasing undergraduate motivation to learn geoscience with virtual Grand Canyon field trip [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 47(7): 620.
- 2015 14.1265 Bringing Grand Canyon to the college campus: Assessment of student learning in the geosciences through virtual field trip games for mobile smart devices [ABSTRACT]. *American Geophysical Union, Fall Meeting 2015*, abstract ED11C-0860.
- 2017 14.1207 Assessment of student learning using augmented reality Grand Canyon field trips for mobile smart devices. *Geosphere*, 13(2): 260-268 + supplemental tables online, "<http://dx.doi.org/10.1130/GES01404.S1> or the full-text article on www.gsapubs.org" [however, supplemental tables not located in January 2018].

Bury, Richard L.; Holland, Stephen M.; AND McEwen, Douglas N.

- 1983 14.600 Analyzing recreational conflict; understanding why conflict occurs is requisite to managing that conflict. *Journal of Soil and Water Conservation*, 38(5): 401-403.
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Caifa, Mike

- 2004 14.365 The Kenton Grua Memorial Scholarship, making a difference. *In: Viera, Meg, Back of the Boat—The Whale Foundation News Bulletin. Boatman's Quarterly Review*, 17(1) (Spring): 14.

Callan, Daniel

- 2013 14.1879 Brain-machine-interface improves recovery time from perturbation in flight attitude on a novel complex piloting task [ABSTRACT]. *In: Ugur, Emre, Oztop, Erhan, Morimoto, Jun, and Ishii, Shin (eds.), Towards a robot-enabled, neuroscience-guided healthy society : proceedings of the IROS 2013 Workshop on Neuroscience and Robotics, Tokyo Big Sight, Japan, November 3rd, 2013*, pp. 43-44. [International Conference on Intelligent Robots and Syhstems.] ["The goal of this research is to develop adaptive automation tht can improve response speed of a pilot's motor commands to an unexpected event by using a brain-machine-interface BMI to decode perceptual-motor intention. [. . .] Brain activity during the task was recorded using magnetoencephalography MEG. [. . .] An additional session was conducted in which the task for the subject was to pilot an airplane through the Grand Canyon following closely the river below."]

Cameron, Jack; Taylor, John; Bornemeier, Andrea; AND Van Alfen, Amber

- 2013 14.1202 Synergistic relationship between scientific research and National Park Service interpretive programs [ABSTRACT]. *In: 12th Biennial Conference of Science and Management on the Colorado Plateau, September 16-19, 2013, Northern Arizona University, Flagstaff, Arizona : program and abstracts of presented papers and posters.* [Flagstaff, Arizona: Northern Arizona University], p. 76. [Pipe Spring National Monument; based on bat studies.]

Camp, Lauren

- 2023 14.1782 Lauren Camp: Poet laureate, artist, educator; Astronomer in Residence, August-September 2022. *In: Artist and Astronomer in Residence Updates [SECTION]. Canyon Views (Grand Canyon Conservancy)*, 30(1) (Winter): 29. [Interview format.]

Campatelli, Kris

- 1991 14.51 Recycling: Too much bother? *The News (Grand Canyon River Guides)*, 4(2) (Summer): 13.
- 1992 14.52 Precycling . . . a step beyond. *The News (Grand Canyon River Guides)*, 5(4) (Fall): 21. [Ellipsis is part of title.]

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1993 14.53 Closing the recycling loop. *The News* (Grand Canyon River Guides), 6(3) (Late Summer): 18.

Campbell, Mike

2013 14.865 Grand Canyon Youth’s grand inspiration. *Canyon Views* (Grand Canyon Association), 20(4) (Fall): 6-7.

Canright, James E.

1974 14.348 Boating on the Colorado River. *American Scientist*, 62(6) (November/December): 646-647. [Letter in response to remarks that appeared in an ecological paper by Robert Dolan, Alan Howard, and Arthur Gallenson (62: 392-401 [ITEM NO. 18.265]). See also reply by Dolan and Howard (62: 647 [ITEM NO. 14.349]) and additional comments by Steven W. Carrothers (62: 647-648 [ITEM NO. 14.350]).]

Canyon R.E.O. [firm]

NO DATE 14.954 *Canyon R.E.O., River Equipment Outfitters : trip leader’s handbook*. Flagstaff, Arizona: Canyon R.E.O., 24 pp. [including covers].

Carl, Chelsea

2010 14.1423 *Teaching history from the ground up: One teacher’s appeal to nature and the national parks*. Master’s thesis, State University of New York at Brockport, 181 pp.

Carlos, Mari

2016 14.1111 A trip dinner. *Grand Canyon River Runner*, (19) (Spring): 4-5. [Post-river trip dinner for a Wounded Warriors trip through Grand Canyon.]

2022 14.1720 2022 research grants awarded to Emily Dale and Cassandra Northcutt. *In: The Bulletin* [NEWSLETTER SECTION]. *The Ol’ Pioneer* (Grand Canyon Historical Society), 33(2) (Spring): 18-19.

Carlson, J. L.

1995 14.551 *Effects of hydropower operations on recreational use and nonuse values at Glen Canyon and Flaming Gorge Dams*. Argonne, Illinois: Decision and Information Sciences Division, Argonne National Laboratory, 69 pp. (“Work sponsored by United States Department of Energy, Western Area Power Administration”. ANL/DIS/TM-7.)

Carneiro, Larissa Soares

2016 14.1409 *Divine technology: How God created dinosaurs and people*. Doctoral dissertation, North Carolina State University, 367 pp. (“This study investigates how Creationism is socially, materially, technologically, and rhetorically produced.”) [See the section,

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“Mountains, rivers, canyons, and fossils formation in the diluvium period” (*sic*) (pp. 190-198), which includes brief remarks on the geology of the Grand Canyon area (pp. 191-192) and the putative rock art “dinosaur” from “Havasupai Canon” (p. 198).]

Carney, Molly, AND Cameron, Dan

- 2016 14.1321 Deer Creek and the intersection of recreation and traditional cultural properties. *In*: Vance, Jona (facilitator), *Hot Topics Café : Threats to the Grand Canyon : Thursday, November 17, 2016, 6-7:30 p.m., Museum of Northern Arizona*. [Flagstaff, Arizona]: Northern Arizona University, College of Arts and Letters, Philosophy in the Public Interest, pp. 7-8. [In the form of a fact sheet.]

Carothers, Steven W.

- 1974 14.350 Boating on the Colorado River. *American Scientist*, 62(6) (November/December): 647-648. [Letter in response to comments submitted by James E. Canright (62: 646-647 [ITEM NO. 14.348]), regarding remarks that appeared in an ecological paper by Robert Dolan, Alan Howard, and Arthur Gallenson (62: 392-401 [ITEM NO. 18.265]). See also reply by Dolan and Howard (62: 647 [ITEM NO. 14.349]).]

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 ≡ CROSS-LISTINGS [CITED» GCNHA Monograph 2: page 87] [CITED» GCNHA Monograph 8: page 4-12 to 4-13]

Cassady, Jerrell C., AND Mullen, Laurie J.

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- 2008 14.729 *An agent-based framework for modelling the impact of landscape change on recreational behaviour*. Doctoral dissertation, University of British Columbia, 93 pp. [Grand Canyon recreational models noted, pp. 9, 10.]
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Chandler, Bob

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“welfare of underprivileged and homeless youths”, incorporating a trip to the Havasupai Indian Reservation, Arizona, to “learn about wildlife and native American culture”.]

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Chase, Lisa

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Clark, Shanetia

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- 2009 14.1835 Lessons learned from multi-scale longitudinal studies of recreation impacts [ABSTRACT]. *In*: *Rethinking Protected Areas in a Changing World : the 2009 George Wright Society Biennial Conference on Parks, Protected Areas, and Cultural Sites : program and abstracts*, p. 80. [Long-term trend studies on campsites includes Grand Canyon National Park.]

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- 2001 14.894 *A study of employee well being within a national park : executive development.* U.S. National Park Service, Grand Canyon National Park, 45 pp. ("An applied research project submitted to the National Fire Academy as part of the Executive Fire Officer Program".)
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- NO DATE 14.1680 *Extending the season at the Grand Canyon National Park North Rim : an economic contribution analysis.* Flagstaff, Arizona: Northern Arizona University, W. A. Franke College of Business, Alliance Bank Economic Policy Institute, for Coconino County Board of Supervisors, 21 pp. [2018?]
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Consalvo, Carmine M.

- 1998 14.695 *Overboard in the roaring river : the confluence of crisis and management.* Amherst, Massachusetts: HRD Press, and Minneapolis, Minnesota: Lakewood Publications, 13 pp. (Grand Canyon Adventures.)
- 2004 14.620 *Overboard in the roaring river.* Amherst, Massachusetts: HRD Press. (Grand Canyon Adventures.)
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- 2004 14.616 *Hiking out of Lava Falls: Determining the essentials.* Amherst, Massachusetts: HRD Press. (Grand Canyon Adventures.)
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- 2004 14.618 *Stranded in Grand Canyon : a creative problem-solving adventure.* Amherst, Massachusetts: HRD Press, 14 pp. (Grand Canyon Adventures.) [NOTE: Pages 8-14 are marked for "Notes".]
- 2004 14.623 *Incident at Elves Chasm : priority setting.* Amherst, Massachusetts: HRD Press. (Grand Canyon Adventures.) [Leadership and crisis management enactment guide.]
- 2004 14.619 *Incident at Elves Chasm : action plan.* Amherst, Massachusetts: HRD Press. (Grand Canyon Adventures.) [Leadership and crisis management enactment guide.]

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- 1981 14.883 Chinese architects on U.S. junket. *Courier* (U.S. National Park Service), 4(11) (November): 5-6. [See p. 5, note that the visitors "insisted on hiking the trails of Mesa Verde and Grand Canyon in order to become more intimately involved with the significance and beauty of those parks." (ENTIRE NOTE)]

Cook, Susan, AND York, Kate

- 2017 14.1439 Regional geography of the southwest. *Southern New Hampshire University, Provost Newsletter* (Manchester, New Hampshire), (67) (April): 4-5. [The authors brought ten students to Arizona during spring break "as part of the co-taught course, GEO 2ST1: Regional Geography of the American Southwest". Includes remarks on service learning at Grand Canyon.]

Cook, Terri L.

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Cooke, Diane M.

- 1997 14.654 60-day notice of intention to request clearance of collection of information—opportunity for public comment. *Federal Register*, 62(248) (December 29): 67654. [National Park Service proposal to sponsor Summer 1998 project "to determine how park visitors at a sample of thirteen parks feel about the recreation fee demonstration program". Includes Grand Canyon National Park and Glen Canyon National Recreation Area.]

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- 2006 14.747 Conference report. The International Association for the History of Transport, Traffic, and Mobility; Third Annual Conference, York, England, 6-9 October 2005. *Technology and Culture*, 47(2) (April): 369-372. [See p. 370, brief note of David Nye opening address, "Annihilating Surprise: Transportation, Images, and Tourism," in which he explored the changing social construction of Arizona's Grand Canyon." (ENTIRE NOTE)]
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Cothran, Cheryl C., AND Combrink, Thomas E.

- 2005 14.397 *Grand Canyon National Park and northern Arizona tourism study : final report 565*. Phoenix: Arizona Department of Transportation, 102 pp. [Northern Arizona University, Hospitality Research and Resource Center, for Arizona Department of Transportation, in cooperation with U.S. Department of Transportation, Federal Highway Administration, under contract no. SPR-PL-1-(61) 565; final report. (National Technical Information Service, FHWA-AZ-05-565.)
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- 2005 14.1653 *Grand Canyon National Park : northern Arizona : tourism study*. Flagstaff, Arizona: Northern Arizona University, School of Hotel and Restaurant Management, Hospitality Research and Resource Center, xii, 91 pp. [Running footer: "Grand Canyon National Park Study—Final Report—AHRRC/NAU".] [Authors noted on p. iv.]
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- 1971 14.801 Too many people on the Colorado River. *National Parks and Conservation Magazine*, 45(11) (November): 10-14.
≡ [CROSS-LISTINGS](#) | [CITED» GCNHA Monograph 2: page 88](#) | [CITED» GCNHA Monograph 8: page 4-13](#)
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- 2022 14.1745 Painful memories as mnemonic resources: Grand Canyon Dories and the protection of place. *Strategic Organization*, 20(1): 51-79. [Martin Litton and Grand Canyon Dories.]

Crispin, Doug

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Croneis, Carey

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Crosby, W. O.

- 1892 14.799 *Geological collections. Dynamical geology and petrography*. Boston: Boston Society of Natural History, 302 pp. (Guides to the Museum of the Boston Society of Natural History.) ["Subscribers' edition", 235 copies. See p. 61, "companion model . . ." and photograph of the Grand Cañon of the Colorado . . .", and p. 62, "the large relief map of the Grand Cañon of the Colorado and the High Plateau in the west window-space of Room B." (Not illustrated.)]

Crossey, Laura J.; Karlstrom, Karl E.; Crow, Ryan; Weimer, Paul; Williams, Michael L.; Roesink, John; AND Austin, Jay

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- 1988 14.595 *Framing the sign : criticism and its institutions*. Norman: University of Oklahoma Press, 237 pp.
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Cummins, Ed

- 1998 14.59 Below the Damn above the Ferry. *The Waiting List* (Grand Canyon Private Boaters Association), 2(2) (May): 20. [Ellipsis is part of title.]
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- 1987 14.1400 Slide show on Grand Canyon mines available. *Canyon Echo* (Sierra Club, Grand Canyon Chapter), 23(5) (June/July): 3. [Multimedia program developed by Blake Spalding, a photojournalism senior at Northern Arizona University, regarding environmental concerns of uranium mining in the region.]
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- 2000 14.648 Autonomous agents in the park; an introduction to the Grand Canyon River Trip Simulation Model. *International Journal of Wilderness*, 6(3) (December): 39-43.

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Darmstadter, Joel

- 2005 14.517 [Comments.] *From*: A Heated Debate. *In*: Letters [SECTION]. *Foreign Policy*, (150) (September/October): 14, 16.

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Davies, Terry, AND Cahill, Sarah

- 2000 14.852 *Environmental implications of the tourism industry*. Washington, D.C.: Resources for the Future, 40 pp. (Resources for the Future, Discussion Paper 00-14.) [Grand Canyon, *passim*.]

Davis, Cooper

- 2014 14.972 The making of the Grand Canyon river guide: Maintaining an identity in the postindustrial economy [ABSTRACT]. *In*: *Northern Arizona University, 2014 Undergraduate Symposium Abstracts*. Flagstaff, Arizona: Northern Arizona University, pp. 35-36.

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Davis, Jeffrey S., AND Morais, Duarte B.

- 2004 14.376 Factions and enclaves: Small towns and socially unsustainable tourism development. *Journal of Travel Research*, 43(1): 3-10. [Williams, Arizona, and the Grand Canyon Railway.]
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Davis, Linda Lee

- 2007 14.500 Introductory geology for non-majors disguised as a 4-week Geology of National Parks field trip course [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 39(6): 543.
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Davis, William Morris

- 1894 14.61 *The use of governmental maps in schools.* New York: Henry Holt and Co., 65 pp.
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- 2011 14.976 GeoCorps America [ABSTRACT]. *American Geophysical Union, 2011 Fall Meeting, San Francisco, California, 5-9 December*, Abstract ED43A-0538. [Geological Society of America, Education and Outreach Department. Program offers stipends for "short-term geoscience jobs in America's most amazing public lands", including Grand Canyon National Park.]
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De Choudhury, Munmun; Sundaram, Hari; Lin, Yu-Ru; John, Ajita; AND Seligmann, Doree Duncan

- 2009 14.1744 Connecting content to community in social media via image content, user tags and user communication. *In: 2009 IEEE International Conference on Multimedia and Expo : ICME 2009 : proceedings : June 28-July 3, 2009, Waldorf-Astoria Hotel, new York, New York, U.S.A.* [No place]:" Conference Management Services, Inc., 4 pp. (Institute of Electrical and Electronics Engineers.) [Grand Canyon mentioned as an image example, pp. 2, 4.]
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- 1997 14.760 Visibility at the Grand Canyon and the Navajo Generating Station. *In: Morgenstern, Richard D. (ed.), Economic analyses at EPA: Assessing regulatory impact.* Washington, D.C.: Resources for the Future, pp. 267-302. [Environmental Protection Agency.]
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- 1998 14.1607 Toward the development of an instrument for measuring a Christian creationist worldview. *In: Walsh, Robert E. (ed.), Proceedings of the Fourth International Conference on Creationism, held August 3-8, 1998, Pittsburgh, Pennsylvania, USA : technical symposium sessions.* Pittsburgh, Pennsylvania: Creation Science Fellowship, Inc., pp. 153-166. [Three of the 49 statements on the "Creationist Worldview Test" relate to Grand Canyon (see pp. 163, 165).] [Creationist perspective.]

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- 2003 14.1608 Effects of a YEC apologetics class on student worldview. *In*: Ivey, Robert L. (ed.), *Proceedings of the Fifth International Conference on Creationism : held August 4-9, 2003, Pittsburgh, Pennsylvania, USA : technical symposium sessions*. Pittsburgh: Creation Science Fellowship, pp. 529-538. [Results from a "Creationist Worldview Test" (see Deckard and Sobko, 1998, [ITEM NO. 21.8176](#), though with slightly variant statements) (Grand Canyon, see p. 535).] [Young-earth creationist.]

Deckard, Steve; DeWitt, David A.; Pantana, John; AND Fyock, James

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- 2010 14.1212 *Partners in the Parks : field guide to an experiential program in the national parks.* Lincoln, Nebraska: University of Nebraska at Lincoln, National Collegiate Honors Council. [See p. 11, "Partners in the Parks Projects to Date", including "Grand Canyon/Parashant, Matt Nickerson and Todd Petersen, Southern Utah University (2008, 2009, 2010)". See also Chapter 6, "To boldly go . . ." (ellipsis is part of title), "Grand Canyon-Parashant", *in passing*, p. 115; and Chapter 7, "Nature as Text—Text as Text—Self as Text", "Grand Canyon Parashant" photo, p. 138.] [Grand Canyon-Parashant National Monument.]
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Ebersole, Michael

- 2000 14.788 Ecotourism and natural quiet: Resource preservation issues, approaches and complexities [ABSTRACT]. *In*: Burdge, Rabel, Miles, John, Alper, Donald, and Kruger, Linda (Steering Committee), *Transcending Boundaries : Natural Resource Management from Summit to Sea. Book of abstracts. 8th International Symposium on Society and Resource Management, June 17-21, 2000, Bellingham, Washington, USA*. Portland, Oregon: U.S. Forest Service, Pacific Northwest Research Station, General Technical Report PNW-GTR-497, p. 89. [Grand Canyon National Park, air tourism.]
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- 2011 14.899 Legacy of learning at Albright Training Center. *Arrowhead* (U.S. National Park Service, Employees and Alumni Association), 18(3) (Summer/Fall): 3, 8.
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- 2019 14.1444 Socio-economic drought assessment in Lake Mead, USA, based on a multivariate standardized water-scarcity index. *Hydrological Sciences Journal / Journal des Sciences Hydrologiques* (International Association of Hydrological Sciences), 64(5): 555-569.
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[سحر إسواعيل هجو; رنين عالء عبدالغني; عبد هلا العطار]

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[اطار منهجي لتصوين تجرية هائية استشفائية باستخدام الالندسكييب الستشفائي] [References to sociological studies noting people on Colorado River trips through Grand Canyon (pp. 49-50), citing the web resource by L. Rebecca, (2017), The healing power of nature (<https://aeon.co/essays/why-forests-and-rivers-are-the-most-potent-health-tonic-around>), but this was not a good link in September 2021.]

Elias, Daniel Fayad

1978 14.847 *Thesis on the Black Canyon. Hoover Dam*Nation*. [Muncie, Indiana]: [Ball State University], [111] pp. ["Hoover Dam*Nation of the Black Canyon Gambling [R]esort" is an academic proposal for a site at Hoover Dam.]

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Engelhard, Michael, AND Thompson, Kate

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1990 14.1676 Appendix. Estimates of economic impacts of implementing interim flow release patterns at Glen Canyon Dam; for the U.S. House of Representatives, Committee on Interior and Insular Affairs, Subcommittee on Water, Power and Offshore Energy Resources. *In: Grand Canyon Protection Act and renaming of the Salt-Gila Aqueduct as the Fannin-McFarland Aqueduct : hearing before the Subcommittee on Water and Power of the Committee on Energy and Natural Resources, United States Senate, One Hundred First Congress, Second Session, on S. 1556 to designate the Salt-Gila*

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Aqueduct of the Central Arizona Project as the "Fannin-McFarland Aqueduct"; S. 2807 to direct the Secretary of the Interior to establish and implement power operating criteria at Glen Canyon Dam, to protect the environmental and recreational resources of the Grand Canyon National Park, and for other purposes : July 24, 1990. Washington, D.C.: U.S. Government Printing Office, pp. 107-139. (Volume: S. Hrg. 101-1035.)

Erla Björg Aðalsteinsdóttir

2012 14.1388 *Að byggja brú milli virkjunarframkvæmdar og ferðapjónustu.* Bachelor's thesis, Landbúnaðarháskóli Íslands Umhverfiseild, 61 pp. [The thesis pertains to tourism relating to power plant construction. See "Hoover dam og Lake Mead", pp. 12-13.] [\[In Icelandic.\]](#)

Evans, Bob

1943 14.1299 "The world's largest textbook"; ASTC students at Flagstaff study geology close to home. *Arizona Highways*, 19(3) (March): 29-33. [Arizona State Teachers College (later Northern Arizona University).]
 ≡ [CROSS-LISTINGS](#) | [CITED» GCNHA Monograph 8: page 1-60](#)

Evans, Eric, AND Huser, Verne

1976 14.966 Interview: Verne Huser. *Down River*, 3(8) (September): 8-9. [Regarding river recreation and outfitting, including Grand Canyon.]

Evans, Mary F.; Flores, Nicholas E.; AND Boyle, Kevin J.

2003 14.441 Multiple-bounded uncertainty choice data as probabilistic intentions. *Land Economics*, 79(4) (November): 549-560. [Glen Canyon Dam economic influences.]

Evitt, Marie Faust

2016 14.1271 Teacher's picks. *In*: Ashbrook, Peggy, *Science learning in the early years : activities for PreK-2.* Arlington, Virginia: NSTA Press (National Science Teachers Association), pp. 121-123. [Books include *Grand Canyon: A Trail Through Time* by Vieira and Canyon (1997, [ITEM NO. 6.227](#)).] [See also Ansberry and Morgan (2011, [ITEM NO. 6.703](#)).]

Exhibitology [firm]

NO DATE 14.821 *Exhibitology : design and fabrication.* Paterson, New Jersey: Exhibitology, [unpaginated]. [Promotional brochure. See under "Projects", includes illustration and brief description of exhibit space at Pipe Spring National Monument.]

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- 2011 14.723 Air services on thin routes: Regional versus low-cost airlines. *In: Institut de Recerca en Economia Aplicada, Document de Treball 2011/23 (Research Institute of Applied Economics, Working Paper 2011/23)*. Barcelona: Universitat de Barcelona, 44 pp. [Pages 37-44 comprise a list of previous *Working Papers*.] [Authors indicate (p. 12) that Grand Canyon (FLG) airport is considered a tourist destination in their empirical analysis, although Grand Canyon is not otherwise specifically noted in this work. It is not clear whether the authors have used the Flagstaff, Arizona, airport in their analyses or meant actually that Grand Canyon National Park Airport is used.]
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Fairley, Helen

- 2007 14.470 The campsite atlas project: Mapping the human habitat of yesterday, today and tomorrow along the Colorado River in Grand Canyon. *Boatman's Quarterly Review*, 20(2) (Summer): 14-15.
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Falzarano, Sarah, AND Levy, Laura

- 2008 14.1360 *Global Explorers "Leading the Way" soundscape project : Colorado River, Grand Canyon National Park, July-August 2008, in cooperation with Grand Canyon Youth*. U.S. National Park Service, Grand Canyon National Park, Science and Resource Management, Soundscape Program, 7 pp. (U.S. National Park Service Report GRCA-08-03.)
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Fanning, C. E.

- 1916 14.605 *Travel in the United States : twenty-one programs and bibliography*. White Plains, New York, and New York City: H. W. Wilson Co., 31 pp. ("A revision of an outline issued by the Wisconsin Free Library Commission in 1908".) [See "XVI; Wonderlands of the Southwest", p. 21, and bibliographical material, pp. 27-31. Title from title-page; cover gives title as *Travel in the United States : a study outline*.] [For earlier version see Wisconsin Free Library Commission (1908, [ITEM NO. 14.859](#)).]
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Fareio, Erica

- 2020 14.1540 Legends. *In: QuaranZine* [FEATURE]. *Boatman's Quarterly Review*, 33(2) (Spring [*sic*, Summer]): 30. ["The Grand Canyon Relief Coalition developed the *QuaranZine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with." (From Margeaux Bestard's introductory note to *QuaranZine*.)]
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Farese, Lisa

- 2010 14.636 Toyota grant: Making a difference at Grand Canyon National Park. *Canyon Views* (Grand Canyon Association), 16(2) (Summer): 7.
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Farrington, Oliver C.

- 1902 14.784 Museum study by Chicago public schools. *Science*, New Series, 15: 181-184. [See p. 183: Regarding the study of relief maps, "The region of the Grand Cañon of the Colorado, for instance, was correctly described as a valley worn to a profile of equilibrium into which a subsequent cañon had been cut by the rise of the land. This had doubtless been stated in the text-book, but the relief map evidently gave the subject a vividness and reality." (ENTIRE NOTE)]
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Fedarko, Kevin

- 2015 14.1011 A cathedral under seige; two development projects threaten the Grand Canyon. *Grand Canyon River Runner*, (18) (Winter): 1-2, 14. [Tusayan and Grand Canyon Escalade.]
- 2015 14.1017 Desecration row; Grand Canyon under seige. *Colorado Plateau Advocate*, (Spring): 8-12.
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Feehly, Conor

- 2018 14.1889 *Awe and pro-environmental behaviour*. Master's thesis, University of Otago, Dunedin, New Zeland, [45] pp. [See in section "2.4 Awe, Universality, and Cultural Variations", in which notes from other research indicate that "what triggers awe is different in China and the United States, typically induced by personal actions in the United States (e.g. visiting a national park) and socially engaging events in China (e.g. a social gathering/ritual)." Video clips from the BBC's *Planet Earth* series were shown to participants in a survey; among those that induced the "Positive [sic] Awe Condition" were the Grand Canyon (see illustration in section "9.3 Images Used in Survey").]
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Feeney, Mary

- 2024 14.1869 Engaging students with historical newspapers in an environmental journalism course. *In: IFLA International News Media Conference 2024*. [No place]: International Federation of Library Associations and Institutions, IFLA Section News Media), 9 pp. [Grand Canyon noted, *in passing* (p. 4), with respect to newspaper articles on Arizona environmental topics and issues of concern: "dams and water issues, forest fires, mining, and the establishment of Grand Canyon National Park." (no details).]
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Feldman, Gabrielle

- 2013 14.1620 XXI. Участие на представители на „Корпуса на Мира“ в дейността на парка [XXI. Uchastie na predstaviteli na „Korpusa na Mira“ v deinoŝtata na parka] / XXI. Peace Corps representatives participating in the park activities. *In: Натуре Парк—Златни Пясъци—Зелената Перла на Варна : 1912—1915—1943 : Nature Park—Zlatni*

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Pyasatsi—Varna Green Pearl : Посвещава се на 70-годишнината на Природен парк—Златни пясъци—и 100 години от идеята на братя Шкорпил за създаване на народен парк в местността „Хачука“ (днес Природен парк „Златни пясъци“) [Nature Park—Zlatni Pyasatsi—Varna Green Pearl : 1912—1915—1943 : osveshtava se na 70-godishninata na Priroden park—Zlatni pyasŭts—i 100 godini ot ideyata na bratya Shkorpil za sŭzhdavane na naroden park v mestnostta „Khachuka“ (dnes Priroden park „Zlatni pyasŭtsi“)] [Dedicated to the 70th anniversary of the Golden Sands Nature Park—and the 100th anniversary of the Shkorpil brothers’ idea to create a national park in the Hachuka area (now Golden Sands Nature Park)]. Варна : Дирекция на Природен парк „Златни пясъци“ [Varna : Direktsiya na Priroden park „Zlatni pyasŭtsi“] [Varna: Golden Sands Nature Park Directorate], pp. 92-94. [Focus on “Американски природни паркове” [Amerikanski prirodni parkove] [American nature parks]. Includes photo of Havasu Falls, Grand Canyon, but no text mention of it nor of Grand Canyon.] [Volume 144 pp. (including wraps) with abstracts in Bulgarian, Russian, German, Romanian, French, and English.] [Item in parallel Bulgarian and English texts.]

Ferrell, Emily

2017 14.1241 [Comment.] *In*: Experiential learning on the Colorado River. *GWC Newsletter* (Getches-Wilkinson Center for Natural Resources, Energy, and the Environment, University of Colorado Law School), (Fall): 14.

Ferriss, Abbott L.

1963 14.741 Applications of recreation surveys. *Public Opinion Quarterly*, 27(3) (Autumn): 443-454. [See p. 444 note 4, citing “Grand Canyon Travel Survey” (U.S. National Park Service, no date, ITEM NO. 14.742).]

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 ≡ [CROSS-LISTINGS](#) | [CITED» GCNHA Monograph 2: page 118](#) | [CITED» GCNHA Monograph 8: page 12-9](#)

Flessa, Karl W.; Schmidt, Nancy; Fay, Noah P.; Battista, Jennifer; Birmingham, Colleen; Campbell, Cade; Collins, Daniel; Foehner, Brandon; Ford, Matthew; Furphy, Lauren; Gallo, Scott; Lizarazu, Iaos; Ridinghafer, Jacob; AND Ross, Braden

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Office, Washington, D.C.) [“I am really not representing the Arlington Conservation Council. I happen to be secretary of the organization, but it is because I was invited by the president to come to the briefing that I am here today, because I had a personal experience that I wanted to complain about.” Regarding helicopter noise during hikes in the Grand Canyon on Kaibab Trail, Bright Angel Trail, and Clear Creek Trail; and noise from motorized Colorado River trips.]

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- 2002 14.331 [Comments.] *In*: “Ice-ssay’s”—begging and etiquette, or . . . need ice? [FEATURE]. *The Waiting List* (Grand Canyon Private Boaters Association Quarterly), 6(1) (Summer/Fall): 35. [Special Issue: Reflections—Five Years of Fun—A Waiting List Anthology. Ellipsis is part of feature title.]

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- 1997 14.1459 Spiritually beneficial aspects of wilderness recreation experiences. *In*: Vogelsong, Hans G. (compiler, ed.), *Proceedings of the 1997 Northeastern Recreation Research Symposium, April 6-8, 1997, The Sagamore on Lake George in Bolton Landing, New York.* U.S. Forest Service, *Northeastern Forest Experiment Station, General Technical Report NE-241*, pp. 163-168. [Study sites are Boundary Waters Canoe Area Wilderness of northern Minnesota, and Grand Canyon, Arizona, "selected based on their distinctive climatic and geographic features."]

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Arthur Tauck of Tauck Tours, regarding the large increase of visitor presence at Grand Canyon South Rim and in the Havasupai reservation.]

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Gersmehl, Philip J.

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Geske, Andrejs; Grīnfelds, Andris; Kangro, Andris; Kiseļova, Rita; AND Mihno, Linda

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- 2019 14.1420 Point Positive: Why we need this workshop now more than ever. *Boatman's Quarterly Review*, 32(2) (Summer): 28-29.

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- NO DATE 14.920 *Night Skies Arts Academy: U.S. Southwest*. [No place]: Global Explorers, [2] pp. [Fact sheet. Program designed for students in grades 8-11. Grand Canyon Youth and U.S. National Park Service are partners.]
- 2009 14.1308 Global Explorers come discover classroom earth! *CTEBVI Journal* (California Transcribers and Educators for the Blind and Visually Impaired, Los Angeles), 51(3) (Fall): 22-23. [Includes announcement for "Rim to River Expedition: Grand Canyon, Arizona, USA" in partnership with Grand Canyon Youth. Also includes a testimonial from the parents of a 16-year-old blind participant in a 2009 Rim to River experience.]

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Grand Canyon River Guides, AND Grand Canyon Private Boaters Association

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Greenberg, Jeffrey K.

- 2016 14.1135 Book projects serving as bridge between science and religion [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 48(7): Paper 285-3, doi:10.1130/abs/2016AM-284331. [Includes *Grand Canyon: Monument to an Ancient Earth*.]
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Griffin, Chelsea

- 2022 14.1727 rep•re•sen•ta•tion: beyond checking a box. *Colorado Plateau Advocate*, (Fall/Winter): 3, 4-7. [Pertains to issues of sexual identity. The author “leads the Grand Canyon Trust’s justice, equity, diversity, and inclusion work” and rows rafting trips on the Colorado River.]
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Griffith, Ashley

- 2005 14.587 Earth history field experiences. *FOSS Newsletter* (Full Option Science System, University of California at Berkeley and Delta Education), (25) (Spring): 7.
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Grigorash, Natalia Anatolyevna [Григораш, Наталия Анатольевна]

- 2015 14.1499 Дидактическая модель экологических концепций [Didakticheskaya model' ekologicheskikh kontseptsiy]. Evaluation of a didactic model using a conceptual approach: An innovative tool applied to ecology teaching. *Самарского Государственного Технического Университета, Вестник* (Серия: Психолого-Педагогические Науки) [Samarskogo Gosudarstvennogo Tekhnicheskogo Universiteta, Vestnik (Seriya: Psikhologo-Pedagogicheskiye Nauki)] [*Samara State Technical University, Bulletin* (Series: Psychological and Pedagogical Sciences)], ____: 35-46. [Three geographical areas of situational environmental problems presented to students: Colorado River, Great Lakes, and freshwater ecosystems of southern Florida.] [In Russian, also with fuller item title in English, thus.]
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Grijalva, Therese C.; Berrens, Robert P.; Bohara, Alok K.; Jakus, Paul M.; AND Shaw, W. Douglass

- 2002 14.743 Valuing the loss of rock climbing access in wilderness areas: A national-level, random-utility model. *Land Economics*, 78(1) (February): 103-120. [See p. 110, “Virgin River Gorge, AZ” noted in list of “national rock climbing sites” used in model. No text mention.]
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Gross, Bruce

- 1989 14.1427 Recreation Association of the Deaf. *World Leisure and Recreation*, 31(2) (Summer): 10-11. [Notes, *in passing*, the association’s sponsorship of “outings for more than 100 or more to the Grand Canyon” and other parks, with the presence of “signing rangers”.]
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Gross, Pete

- 1998 14.76 [Comments on “A matter of faith”, by Tom Vail.] *Boatman’s Quarterly Review*, 11(2) (Spring): 3. [See also reply by Vail, p. 4.]
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Gross, Rebecca L.

- 2014 14.1296 “See, experience, and enjoy:” *Visuality and the tourist experience in the national parks, 1864-1966.*; Master’s thesis, MA Program in the History of the Decorative Arts

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and Design, Cooper-Hewitt, National Design Museum, Smithsonian Institution; and Parsons The New School for Design, 176 pp. [Grand Canyon, *in passing*, pp. 26 note 48, 29, 64, 106, 113.]

Grossberg, Rebecca A.; Heberlein, Thomas; AND Kuentzel, Walter F.

- 2000 14.787 Stability and change: Wilderness attitudes at a national park over 22 years [ABSTRACT]. *In*: Burdge, Rabel, Miles, John, Alper, Donald, and Kruger, Linda (Steering Committee), *Transcending Boundaries : Natural Resource Management from Summit to Sea. Book of abstracts. 8th International Symposium on Society and Resource Management, June 17-21, 2000, Bellingham, Washington, USA.* Portland, Oregon: U.S. Forest Service, Pacific Northwest Research Station, General Technical Report PNW-GTR-497, p. 126. [Grand Canyon National Park.]

Grua, Michelle

- 2008 14.507 The Kenton Grua Memorial Scholarship. *Boatman's Quarterly Review*, 21(2) (Summer): [unpaginated insert, one side of 2 pp.]. [Whale Foundation.]

Gruntfest, Eve

- 1992 14.77 A review of recent recreation research and potential application for long term monitoring in the Grand Canyon. *In*: *Long-Term Monitoring Workshop for the Grand Canyon, October 5-6, Irvine, California.* [National Research Council, Water Science and Technology Board], [6] pp.

Gschwend, Christian

- 2010 14.1679 *Erfassung umgangssprachlicher Geographie im Zusammenhang mit Geomorphometrie.* Master's thesis, Universität Zürich, 128 pp. [Regarding the acquisition of "intuitive spatial knowledge in everyday life", "naive geography (spatial concepts from everyday life) is captured with metadata from the web photo platform Flickr" and "compared with quantitative terrain modelling (*geomorphometry*) to get some knowledge about the relevance of mathematically classified landforms for non-experts" (from the "Summary" in English, pp. vii-viii). The Rocky Mountains and Grand Canyon are the two regions of interest studied in this thesis.] [In German.]

Gu, Zhiwei

- 2017 14.1530 On Chinese-English tourism translation from the perspective of intercultural communication. *European Journal of English Language and Literature Studies*, 5(3) (March): 39-48. [Grand Canyon, see p. 41.]

[Gulliford, Andrew]

- 2014 14.926 Solo in the Southwest; going out and coming back. *In*: Gulliford, Andrew (ed.), *Outdoors in the Southwest : an adventure anthology.* Norman, Oklahoma: University of Oklahoma Press, pp. 281-296. [Not signed.]

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Gustafson, Jon

- 2011 14.686 Proposed uranium mining near Grand Canyon tied to regional economy. *Flagstaff Business News* (Flagstaff, Arizona), 4(5) (May): 1, 39.

Gwynne, C. S.

- 1937 14.419 Geology in a forestry camp. *Journal of Higher Education*, 8(7) (October): 363-369. [Summer 1936 introductory geology course for Iowa State College forestry students at the camp in Coconino National Forest south of Flagstaff, Arizona. See p. 368: "At the close of camp most of the class traveled to the Grand Canyon. A road log was prepared for the trip, so that each student might have a guide to the features to be seen en route. Arrangements for handling the party were made in advance with the ranger naturalist at the Grand Canyon. In this excellent setting, as the class was led about by the Canyon rangers they were able to apply the principles of geology with which they had become familiar." (ENTIRE NOTE)]

Gyllenhaal, Eric D., AND Perry, Deborah L.

- 2004 14.660 *Phase One of formative evaluation for the Trail of Time at Grand Canyon National Park*. Chicago: Selinda Research Associates, Inc., for University of New Mexico and Grand Canyon National Park, 73 pp.

Gyllenhaal, Eric D.; Perry, Deborah L.; AND White, Diane

- 2012 14.862 *Summative evaluation of the Trail of Time at Grand Canyon National Park*. [No place]: Selinda Research Associates, Inc., for University of New Mexico, Albuquerque, 91 pp. [Post-installation review of visitor experiences and physical condition of the trail, signage and other interpretive features. Author attribution noted on p. ii. Other members of the evaluation team noted on p. ii: Karl Karlstrom, Laurie Crossey, Ryan Crow, Steve Semken, Rebecca Frus, Mike Williams, Judy Hellmich-Bryan, Sierra Carroll, Ian Ferris, Nicholas Lane, Jack Lazenby, Amanda Myer, Kristina Rugg, Elizabeth Stout, William Yavorsky, Joseph Zofrea, Marcella Wells.]

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Haas, Glenn E.

- 2001 14.343 Visitor capacity in the National Park System. *Social Science Research Review* (U.S. National Park Service), 2(1) (Spring): 1-28.
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GRAND CANYON–LAKE MEAD REGION

Habay-Heinsius, Cole

- 2016 14.1223 A sense of place; Flagsaff youth explore the Colorado River. *Arizona Trail News* (Arizona Trail Association, Phoenix), 24(3) (Autumn): 6-7. [Supported in part by the Arizona Trail Association's Seeds of Stewardship program.]
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Hacker, David B.

- 2007 14.503 Virtual tours of the Grand Staircase region of southern Utah and northern Arizona: Use of visual geologic instructional material in undergraduate education [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 39(6): 459.
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HacsKaylo, Michael S.

- 1998 14.78 Western Area Power Administration; replacement resources methods report, Grand Canyon Protection Act of 1992. *Federal Register*, 63(95) (May 18): 27277-27278.
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Hall, Ansel F.

- 1930 14.79 Report of the Field Educational Division. *In: Report of the Director of the National Park Service to the Secretary of the Interior for the Fiscal Year ended June 30, 1930, and the travel season, 1930*, pp. 189-194. [U.S. National Park Service, 14th annual report.]
- 1934 14.313 *Studies for museum development in Grand Canyon National Park*. [Berkeley, California]: U.S. National Park Service, 40 pp.
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Hall, Dan

- 2011 14.713 What the hell am I doing here?—A transition story. *Boatman's Quarterly Review*, 24(3) (Fall): Whale Foundation insert, 2 pp.
- 2011 14.731 Back of the Boat—The Whale Foundation news bulletin. *Boatman's Quarterly Review*, 24(4) (Winter 2011-2012): 13.
- 2012 14.751 Back of the Boat—The Whale Foundation news bulletin. *Boatman's Quarterly Review*, 25(1) (Spring): 11.
- 2012 14.773 Back of the Boat—The Whale Foundation. *Boatman's Quarterly Review*, 25(2) (Summer): 29. [Items: "10th Annual Wing Ding Was a Huge Success", "GTS 9th Annual Healty [sic] Fair", "Whale Foundation Board of Directors". (Guides Training Seminar.)]
- 2012 14.783 Back of the Boat—The Whale Foundation news bulletin. *Boatman's Quarterly Review*, 25(3) (Fall): 11.
- 2013 14.892 The Whale Foundation's Health Insurance Assistance program is up and running. *Boatman's Quarterly Review*, 26(4) (Winter 2013-2014): 25.

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| 2014 | 14.964 | Back of the Boat; The Whale Foundation news bulletin. <i>Boatman's Quarterly Review</i> , 27(3) (Fall): 41. |
| 2016 | 14.1104 | My time at the Whale Foundation. <i>Boatman's Quarterly Review</i> , 29(1) (Spring): 5. |
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Hall, Troy, AND Shelby, Bo

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| 2000 | 14.864 | <i>1998 Colorado River boater study, Grand Canyon National Park</i> . [No imprint], for Grand Canyon Association, and U.S. National Park Service, Grand Canyon National Park, 194 pp. |
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Hall, Troy; Seekamp, Erin; AND Cole, David

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| 2010 | 14.671 | Do recreation motivations and wilderness involvement relate to support for wilderness management? A segmentation analysis. <i>Leisure Sciences</i> , 32(2): 109-124. |
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Halldórsson, Almar Miðvík see **Almar Miðvík Halldórsson**

Hamilton, Lynn

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|------|---------|---|
| 2006 | 14.413 | River runners of the Colorado—a living culture. <i>Boatman's Quarterly Review</i> , 18(4) (Winter 2005-2006): 10-11. |
| 2006 | 14.414 | Recreating respectfully: Showing consideration for other cultures. <i>Boatman's Quarterly Review</i> , 18(4) (Winter 2005-2006): 10-11. |
| 2006 | 14.416 | Wage and benefits survey 2005. <i>Boatman's Quarterly Review</i> , 18(4) (Winter 2005-2006): 23-25. |
| 2007 | 14.469 | A response from GCRG. <i>In: Dear Eddy</i> [SECTION]. <i>Boatman's Quarterly Review</i> , 20(2) (Summer): 4-5. [Response to letter from Bill Mooz, p. 4.] [River courtesy.] |
| 2014 | 14.927 | Life's a beach: Citizen science and stewardship in Grand Canyon. <i>In: Gulliford, Andrew (ed.), Outdoors in the Southwest : an adventure anthology</i> . Norman, Oklahoma: University of Oklahoma Press, pp. 365-369. |
| 2016 | 14.1120 | GTS river trip recipe. <i>Boatman's Quarterly Review</i> , 29(2) (Summer): 12-15. [Guides Training Seminar social chemistry; with photo collage by various photographers.] |
| 2018 | 14.1374 | Fall Rendezvous wrap-up. <i>Boatman's Quarterly Review</i> , 31(4) (Winter 2018-2019): 16-17. [Grand Canyon River Guides' Fall Rendezvous, tour "behind the scenes" of the collections at the Museum of Northern Arizona. Illustrated.] |
| 2021 | 14.1633 | GCRG announces the Indigenous Wilderness first Responder Scholarship. <i>In: Some News</i> [SECTION]. <i>Boatman's Quarterly Review</i> , 34(1) (Spring): 16. [Grand Canyon River Guides.] |
| 2022 | 14.1723 | V-GTS recordings are available for viewing. <i>Boatman's Quarterly Review</i> , 35(2) (Summer): 7. [Due to the COVID-19 pandemic, the 2022 Virtual-Guides Training Seminar was conducted online, March 26-27. Viewers are directed to www.gcrq.org/gts-library .] |
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Hamill, John F.

- 2009 14.561 Status and trends of resources below Glen Canyon Dam; update—2009. *U.S. Geological Survey, Fact Sheet 2009-3033*, 4 pp.
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Hand, Michael S.; Eichman, Henry; Triepke, F. Jack; AND Jaworski, Delilah

- 2018 14.1663 Socioeconomic vulnerability to ecological changes to national forests and grasslands in the Southwest. *U.S. Forest Service, Rocky Mountain Research Station, General Technical Report RMRS-GTR-383*, 100 pp.
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Hands on the Land

- 2007 14.1326 Featured site; Grand Canyon National Park. *Hands on the Land* (Hands on the Land, The Keystone Center, Keystone, Colorado), (February): [1]. ["Hands on the Land. A national network of field classrooms linking students, teachers, and parents to their public lands and waterways".]
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Hangan, Margaret

- 2020 14.1513 2020 research grant awarded to Daniel Milowski. *In*: The Bulletin [NEWSLETTER SECTION]. *The Ol' Pioneer* (Grand Canyon Historical Society), 31(2) (Spring): 13-14. [Milowski is a doctoral candidate in history at Arizona State University working on "regional transformation in northwestern Arizona in the twentieth century", focusing on Route 66.]
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Harasimiuk, Krystyna, AND Harasimiuk, Marian

- 2010 14.1164 Turystyka w krajobrazach parków narodowych Stanów Zjednoczonych Ameryki Północnej. Tourism in landscapes of national parks of United States of America. *Krajobraz a Turystyka* (Komisja Krajobrazu Kulturowego, Sosnowiec, Poland), (14): 91-100. [In Polish, with bilingual title.]
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Harding, Chris; Hasiuk, Franck; and Wood, Aaron

- 2021 14.1877 TouchTerrain—3D printable terrain models. *International Journal of Geo-Information* (MDPI: Multidisciplinary Digital Publishing Institute, Basel, Switzerland), 10(108), <https://doi.org/10.2290/ijgi10030108>, 30 pp. + Supplementary Materials online (.csv file). [Grand Canyon modeling noted, pp. 2, 7, Figure A1 (p. 26, "Grand Canyon Model with geologic formations painted on by Aaron Wood"), Table A1 (p. 28, "Top 25 search results 12 October 2020 to 26 December 2020", in which Grand Canyon National Park is listed first, with 90 total events and 57 unique events).] [See also this citation for Harding *et al.* with additional notes pertaining to uses for the blind and vision impaired (ITEM NO. 5.430).]
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Harichkov, S. K., AND Nezdoyminov, S. G. [Харічков, С. К.; Нездоймінов, С. Г.]

- 2013 14.924 Ecological networks as a “green” growth factor of the region’s economy. Екологічні мережі як фактор «зеленого» зростання економіки регіону. *Економіка: реалії часу* (Одеський національний політехнічний університет, Одеса) [Ekonomika: realiyi chasu (Odes'kyu natsional'nyu politekhnichnyu universytet, Odesa)] [*Economics: Time Realities* (Odessa National Polytechnic University, Odessa, Ukraine)], 2013(4) (whole number 9): 174-182. [See p. 181, brief note, “World and national practice shows, that the tourism industry is closely related to protected areas.” Mentions several areas in the Ukraine and Crimea, with “well-known Grand Canyon” interjected in the list. No further mention of Grand Canyon, nor any locales outside of the region just mentioned.] [In English, with abstracts also in Ukrainian and Russian. Authors’ names in Roman orthography as given with article, and in Cyrillic orthography as given in abstract. Serial in Ukrainian. Article title in Ukrainian as given in abstract.]
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Harned, John

- 2016 14.1113 Grand Canyon Warriors river trip 2015. *Grand Canyon River Runner*, (19) (Spring): 14-17.
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Harpman, David A.

- 1995 14.80 *Estimated regional impacts on whitewater boating on the Colorado River below Diamond Creek in 1991 [final report]*. Denver: U.S. Bureau of Reclamation, Economics Group.
- 1997 14.81 Glen Canyon Dam beach/habitat-building test flow—An *ex post* analysis of hydropower cost. *Glen Canyon Dam beach/habitat-building flow : abstracts and executive summaries, April 1997* [symposium convened by the Grand Canyon Monitoring and Research Center, Department of the Interior, Flagstaff, Arizona, April 8-10, 1997, Flagstaff]. [No imprint, convenor from separate proceedings volume], pp. 123-125.
- 1997 14.82 Glen Canyon Dam beach/habitat-building test flow; an *ex post* analysis of hydropower cost. *U.S. Bureau of Reclamation, Technical Service Center, Economics Group, Report EC-97-01*, 65 pp.
- 1999 14.83 The economic cost of the 1996 controlled flood. *In*: Webb, Robert H., Schmidt, John C., Marzolf, G. Richard, and Valdez, Richard A. (eds.), *The controlled flood in Grand Canyon*. Washington, D.C.: American Geophysical Union, pp. 351-357. (*American Geophysical Union, Geophysical Monograph 110.*)
- 1999 14.420 Assessing the short-run economic cost of environmental constraints on hydropower operations at Glen Canyon Dam. *Land Economics*, 75(3) (August): 390-401.

Harpman, David A.; Randle, Timothy J.; AND Palmer, S. Clayton

- 1993 14.532 Glen Canyon: The economic costs. *In*: Hon, Katherine (ed.), *Water management in the '90s: a time for innovation : proceedings of the 20th anniversary conference sponsored by the Water Resources Planning and Management Division of the American Society of Civil Engineers*. New York: American Society of Civil Engineers.
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Harr, Lars

- 2020 14.1556 *Becoming a manager during a pandemic. In: QuaranZine* [FEATURE]. *Boatman's Quarterly Review*, 33(2) (Spring [sic, Summer]): 46. ["The Grand Canyon Relief Coalition developed the *QuaranZine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with." (From Margeaux Bestard's introductory note to *QuaranZine*.)]
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Harris, Miller, Miller, AND Hanson, Inc.

- 1994 14.533 *Aircraft management studies : Grand Canyon visitor survey*. Madison, Wisconsin: HBRS, Inc., and Lexington, Massachusetts: Harris, Miller, Miller, and Hanson, Inc., for U.S. National Park Service, Denver Service Center, 247 pp. (Contract No. CX-2000-0-0025.)
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Harrison, Elizabeth, AND Woodson, Belle

- 1908 14.1686 *The kindergarten building gifts*. St. Louis and Chicago: Sigma Publishing Co., 226 pp. [Under "Organizing of Time" (pp. 5-6) is the teaching point: "To discern the significance of the apparently insignificant beginnings of all things, we have but to point to the smallest acorn and call upon the imagination to build out of it the mighty century-living oak, or we have but to gaze upon the Grand Canyon of the Colorado and realize that a small pebble could have changed the course of its first tiny rill and thereby have placed its yawning chasms miles away from their present impregnable position."]
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Hartwell, E. C.

- 1922 14.888 *Teacher's manual : story hour readings : seventh year, eighth year*. New York, Cincinnati, Chicago, Boston, and Atlanta: American Book Co., 269 pp. [See p. 101, "Descending the Grand Cañon (p. 162)"; regarding the reading about the first Powell expedition.] [For text volume see Hartwell (1921, ITEM NO. 6.571).]
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Harvey, Matt; Frost, Warwick; AND White, Leanne

- 2014 14.1883 *Exploring wine and identity. In: Harvey, Matt, White, Leanne, and Frost, Warwick (eds.), Wine and identity : branding, heritage, terroior*. London and New York: Routledge, pp. 1-14. [See p. 4: "The association of heritage with the United Nations, as in UNESCO and World Heritage, may also explain the American aversion to the term (for example, the Grand Canyon National Park, while World Heritage listed, does not use tht branding or logo in its signage)." (ENTIRE NOTE)]
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Harvey Economics [firm]

- 2009 14.832 *Economic impacts of prospective Diamond Bar Road improvements*. Denver: Harvey Economics, for Grand Canyon Resort Corporation, Peach Springs, Arizona, 49 pp.
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Haspel, Abraham E., AND Johnson, F. Reed

- 1982 14.421 Multiple destination trip bias in recreation benefit estimation. *Land Economics*, 58(3) (August): 364-372.
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Hastings, R. J.

- 1985 14.1317 Tracking those incredible creationists. *Creation/Evolution*, 5(1): 5-15. [Regarding scientific sites “fall[ing] victim to pseudoscientific enthusiasm”; focus is the “mantrack” site at Glen Rose, Texas. *Grand Canyon, in passing*, p. 15.]
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Hattaway, Patrick

- 1998 14.84 Pants on? / Rangers respond. *The Waiting List* (Grand Canyon Private Boaters Association), 2(4) (November): 16. [Grand Canyon-related response to item by “Ricardo” [Richard Martin], “Keep your pants on”, which was regarding an incident of nudity at Echo Park, Colorado (originally distributed electronically via *gcpba Newswire*, August 16, 1998). See also Cummins (1998, [ITEM NO. 14.60](#)).]
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Hayden, Matthew

- 2024 14.1848 Watershed moments; Grand Canyon Youth celebrates 25 years of community and evolution. *FlagLive!* (Flagstaff, Arizona), 30(1) (January 4-31): 16-17.
-

Hayes, James C., AND Elkins, Joe T.

- 2007 14.502 Evaluating the impact of animated topographic fly-throughs on students’ geographic novelty space during a geology field trip [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 39(6): 545.
-

Haymon, Dorrie

- 2016 14.1171 The nature of waves. *Boatman’s Quarterly Review*, 29(4) (Winter 2016-2017): 22-23. [As a metaphor for emotional flow and personal growth.]
-

Hays-Gilpin, Kelley, AND Woodall, Greg

- 2014 14.997 Respectful recreation in the Grand Canyon—An anthropologist’s perspective. *Boatman’s Quarterly Review*, 27(4) (Winter 2014-2015): 17.
-

HBRS [Heberlein-Baumgartner Research Services]

- 1986 14.85 *Grand Canyon white water boating : guides survey : draft report*. Madison, Wisconsin: Heberlein-Baumgartner Research Services, 50 [52] pp.
- 1986 14.86 *Day-use rafters contingent valuation pretest report*. Madison, Wisconsin: HBRS, 28 pp.

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1986 14.1220 *White water boaters contingent valuation report.* Madison, Wisconsin: HBRS, 65 pp.

Headwaters Economics

2011 14.819 *Grand Canyon-Parashant National Monument : a summary of economic performance in the surrounding communities.* [No place]: Headwaters Economics, [2] pp. [Fact sheet.]

2011 14.850 *Grand Canyon-Parashant National Monument. Geographic area: Mohave County, Arizona : Washington County, Utah.* [No place]: Headwaters Economics, [ii], 12 pp.

2011 14.820 *Vermilion Cliffs National Monument : a summary of economic performance in the surrounding communities.* [No place]: Headwaters Economics, [2] pp. [Fact sheet.]

2011 14.851 *Vermilion Cliffs National Monument. Geographic area: Coconino County, Arizona.* [No place]: Headwaters Economics, [ii], 12 pp.

2017 14.1224 *Updated summary: The economic importance of national monuments to local communities : Spring 2017.* [No place]: Headwaters Economics, 3 pp. [Overview only. Monuments studied include Grand Canyon-Parashant and Vermilion Cliffs.]

Heavenrich, Charly

1992 14.87 On golden rapid. *The News* (Grand Canyon River Guides), 5(2) (Spring): 12.

2001 14.306 The trapeze zone—preparing for transitions. *Boatman's Quarterly Review*, 14(4) (Winter 2001-2002): 18-19.

2008 14.508 What's next?—Planning your transition from river guide to your next work adventure. *Boatman's Quarterly Review*, 21(3) (Fall): (Whale Foundation Insert), [2] pp.

Heberlein, Thomas A.

2012 14.1859 Attitudes, norms and the art of visitor management. *In*: Fredman, Peter, Stenseke, Marie, Liljendahl, Hanna, Mossing, Anders, and Laven, Daniel (eds.), *The 6th International Conference on Monitoring and Management of Visitors in Recreational and Protected Areas : Outdoor Recreation in Change—Current Knowledge and Future Challenges : Stockholm, Sweden, August 21-24, 2012 : proceedings.* [No imprint], pp. 24-25. [Remarks on past and current issues pertaining to motorized rafting trips in Grand Canyon.]

Heberlein, Thomas A., AND Shelby, Bo

1977 14.450 Carrying capacity, values, and the satisfaction model. *Journal of Leisure Research*, 1: 333-341.

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Hecox, Walter E.

- 1994 14.88 Charting the Colorado Plateau; development of a socioeconomic profile. *In*: Grand Canyon Trust, in association with Grand Canyon National Park, *Grand Canyon : toward a geography of hope. Proceedings, Grand Canyon National Park 75th Anniversary Symposium, Northern Arizona University, Flagstaff, October 6-8, 1994*, pp. 37-39.
- 1996 14.89 (WITH Bradley L. Ack) *Charting the Colorado Plateau : an economic and demographic exploration : a research report of the Grand Canyon Trust*. Flagstaff, Arizona: Grand Canyon Trust, 51 pp., plus separately available "Data Compendium", prepared by Walter E. Hecox, [101] pp.

Heffernon, Rick, AND Muro, Mark

- 2001 14.706 *Growth on the Coconino Plateau : potential impacts of a water pipeline for the region*. [No place]: Arizona State University, Morrison Institute for Public Policy, 68 pp. (With assistance from Rob Melnick and Christina Kinnear; and special contribution by John Kent Hill, Timothy D. Hogan, and Tom R. Rex.)

Hellmich-Bryan, Judy, AND Berger, Todd

- 2012 14.770 *Canyon Views* talks with Judy Hellmich-Bryan; interview by Todd Berger, former Director of Publishing. *Canyon Views* (Grand Canyon Association), 19(1) (Spring): 4-5. [Hellmich-Bryan, chief of interpretation and resource education, Grand Canyon National Park.]

Helmy, Olga

- 2023 14.1833 Wilderness for a diverse America: Lands stewarded to respect and reflect diverse cultures, generations, abilities, and perspectives. *Science You Can Use (in 5 minutes)* (U.S. Forest Service, Rocky Mountain Research Center), (September), 2 pp. [Referring to an article in the *International Journal of Wilderness* (i.e., Brett and Drake, 2023, ITEM NO. 14.1832), under "Key Findings/Management Implications" notes, "Quinn Brett and Erin Drake recounted a trip along the Grand Canyon National Park's Rim-to-River trail, told from Brett's perspective as a person who uses a wheelchair for mobility. The article described some access barriers that may be insurmountable to a wheelchair user and highlight[ed] opportunities to increase trail accessibility in accordance with the Americans with Disabilities Act." (ENTIRE NOTE)]

Hendee, John C.; Stankey, George H.; AND Lucas, Robert C.

- 1978 14.853 Wilderness management. *U.S. Forest Service, Miscellaneous Publication 1365*, 381 pp. [Grand Canyon, *passim*.]

Henja, David

- 2016 14.1090 [Letter to Mr. Polk.] *In*: National Park Service interns; inspiring our next generation. *Canyon Views* (Grand Canyon Association), 23(1) (February): 10. [Regarding the author's participation in the Eugene Polk Science Fellowship program (in honor of

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“Eugene P. Polk, longtime supporter of Grand Canyon”) at Grand Canyon National Park.]

Henriksen, Michael

2013 14.1874 Socialt Lederforum på studietur i Phoenix, Arizona US. *Social Udvikling* (Socialfagligt Tidsskrift) (Odense, Denmark), 2013(1): cover, inside front cover, 4-11. [Cover photo legend: “Speed sightseeing i Grand Canyon”.] [In Danish.]

Hetherington, John

1992 14.1235 *Toward an integrative theory of environmental aesthetics*. Doctoral dissertation, University of Arizona, 161 pp. [Psychological approach in evaluations of perceived atmospheric clarity. Regarding “Southwest stimuli”, monitoring locations included Lake Mead National Recreation Area.]

Heywood, John Lee

1975 14.90 *Group cohesiveness and satisfaction on Grand Canyon Colorado River raft trips*. Doctoral dissertation, University of Arizona, 174 pp.
≡ [CROSS-LISTINGS](#) | [CITED»](#) [GCNHA Monograph 8: page 12-9](#)

Hibarger, Mariah Lee

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total]. [Includes Fickeisen plains cactus (*Pediocactus peeblesianus* var. *fickeiseniae*) of the Grand Canyon region, and Gierisch mallow (*Sphaeralcea gierischii*) of the Arizona-Utah boundary in northwestern Arizona. (The third plant is the acuña cactus of southern Arizona, extralimital to this bibliography.)]

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- 2019 14.1498 Back of the Boat—The Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 32(4) (Winter 2019-2020): 25.
- 2020 14.1510 Back of the Boat—The Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 33(1) (Spring): 11.
- 2020 14.1534 The Grand Canyon Relief Coalition. *In: QuaranZine* [FEATURE]. *Boatman's Quarterly Review*, 33(2) (Spring [sic, Summer]): 22. ["The Grand Canyon Relief Coalition developed the *QuaranZine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with." (From Margeaux Bestard's introductory note to *QuaranZine*.)]
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- 2021 14.1715 Back of the Boat—The Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 34(4) (Winter 2021-2022): 25.
- 2022 14.1722 Back of the Boat—The Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 35(1) (Spring): 2.
- 2022 14.1724 Back of the Boat—The Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 35(2) (Summer): 18.
- 2022 14.1730 Back of the Boat—The Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 35(3) (Fall): 3.
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- 2023 14.1796 Back of the Boat—The Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 36(1) (Spring): 11.
- 2023 14.1797 Back of the Boat—The Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 36(2) (Summer): 10. [For later installments of this news bulletin see under Aimee Backus.]

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- 1967 14.1677 Statement of Stephen C. Jett, Ph.D., Assistant Professor of Geography, University of California, Davis. Tourism, recreation, and the Grand Canyon dams. *In: Central Arizona Project : hearings before the Subcommittee on Water and Power Resources of the Committee on Interior and Insular Affairs, United States Senate, Ninetieth Congress, First Session, on S. 1004, S. 1013, S. 861, S. 1242, and S. 1409, bills to authorize the construction, operation, and maintenance of the Central Arizona Project (Arizona-New Mexico); and Colorado River Project, and for other purposes : May 2-5, 1967*. Washington, D.C.: U.S. Government Printing Office, pp. 707-709.

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- 2009 14.659 *The Trail of Time : Grand Canyon National Park : Request for Proposal package, March 11, 2009*. Fort Collins, Colorado: Jim Sell Design, Inc., 22 pp. [large format].

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- 2010 14.1519 高等学校地理学習における世界遺産の指導の実践 [kōtō gakkō chiri gakushū ni okeru seikaiisan no shidō no jissen]. Practice of study of geography on World Heritage in Senior high school. 教育実践総合センター研究紀要 [kyōiku jissen sōgō sentā kenkyū kiyō] [Center for Educational Practice, Bulletin] (奈良教育大学教育学部附属教育実践総合センター [Narakyōikudaigaku kyōiku gakubu fuzoku kyōiku jissen sōgō sentā] [Nara University of Education, Center for Educational Practice]), (19) (March): 11-17. [See p. 15, “グランドキャニオン国立公園 (自然遺産・アメリカ合衆国、1979年)” [Gurandokyanion kokuritsu kōen (shizen isan Amerika Gasshūkoku, 1979-nen)] [Grand Canyon National Park (Natural Heritage, USA, United States, 1979)]. [Brief.] [In Japanese, with bilingual item title.]
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Johansson, M. R.

- 1984 14.106 River expedition report: Sociological data, Summer, 1983. *In*: Beus, Stanley S., and Carothers, Steven W. (eds.), *Colorado River Investigations II : July/August 1983*. Flagstaff, Arizona: Northern Arizona University, for U.S. National Park Service, Grand Canyon National Park, pp. 169-174.

Johnson, Emily Anne

- 2015 14.1731 *Steady as she goes: The gendered frontier of Nevills Expedition, 1936-49*. Master's thesis, University of Utah, 65 pp.



Johnson, Heather L.

- 2021 14.1642 One-on-one with Heather L. Johnson; Heather L. Johnson sees her time as Grand Canyon's Artist in Residence as a research project to get to know the space and the people. *Canyon Views* (Grand Canyon Conservancy), 28(1) (Spring/Summer): 12-13.
- 2023 14.1779 Heather Johnson: Visual artist, writer, traveler; Artist in Residence, May-June 2021. *In*: Artist and Astronomer in Residence Updates [SECTION]. *Canyon Views* (Grand Canyon Conservancy), 30(1) (Winter): 27. [Interview format.]

Johnson, Heather L., AND RiesenberG, Mindy

- 2021 14.1701 Catching up with Artist in Residence Heather L. Johnson. *Canyon Views* (Grand Canyon Conservancy), 28(2) (Fall/Winter): 26-27. [Interview format. Heather Johnson, Grand Canyon Artist in Residence, May 3-June 14, 2021.]

Johnson, Jenene

- 2013 14.1714 Jenene Johnson.  *Middle School News!* (Metro Deaf School, St. Paul, Minnesota), (April 5): 2. [Includes: "6th period—Science  Earth History. We are now at a new science unit learning all about Grand Canyon! We are learning about who discovered the Grand Canyon, the type of rocks there, as well as how it was all formed. Be warned students might even beg parents to take a trip to Grand Canyon this summer!" (ENTIRE NOTE)] [With serial title and sectional notation in American Sign Language, thus.]

Johnson, Leif M.

- 1979 14.1692 [Letter to Juanita M. Kreps, U.S. Secretary of Commerce, on behalf of Grand Canyon National Park Lodges.] *In*: *Authorize appropriations for USTS : hearing before the Subcommittee on Merchant Marine and Tourism of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-sixth Congress, First Session, on S. 233, To amend the International Travel Act of 1961 to authorize additional appropriations, and for other purposes : February 2, 1979 : Serial No. 96-2*. Washington, D.C.: U.S. Government Printing Office, p. 104. [Opposes the government's intention to eliminate the U.S. Travel Service and offices abroad. Notes the increase of foreign visitations to Grand Canyon, and estimates that 20-30% of

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Grand Canyon visitors are from abroad.] [NOTE: There is no mention of Grand Canyon in the transcripts of this hearing.]

Johnson, M. M.

2012 14.779 Learning from exhibitions; Lasting Light: 125 years of Grand Canyon photography. *Arts and Activities*, 151(5): 20.

Johnson, R. Roy, AND Carothers, Steven W.

1982 14.571 Riparian habitats and recreation: Interrelationships and impacts in the Southwest and Rocky Mountain region. *Eisenhower Consortium Bulletin 12* (U.S. Forest Service, Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colorado), 31 pp.

Johnson, Robert Chester

1980 14.107 *Analysis of user attitudes regarding management policy of Colorado River float trips*. Doctoral dissertation, University of Arizona, 298 pp.
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Jonas, Lilian Margaret

1998 14.109 *The making of a river guide: the construction of authority in a leisure subculture*. Doctoral dissertation, University of Denver, 276 pp.

2001 14.298 Recreational perceptions on encounters and flow levels [ABSTRACT]. *In: Colorado River Ecosystem Science Symposium 2001 : Little America Hotel, Flagstaff, Arizona, April 26 and 27, 2001 : organized by the Grand Canyon Monitoring and Research Center, U.S. Geological Survey. Program and abstracts*. [Flagstaff, Arizona: Grand Canyon Monitoring and Research Center], p. 22. (Glen Canyon Dam Adaptive Management Program.)

2002 14.315 *Historic profile of Colorado River users: An overview and integration of existing data. Final report*. Flagstaff, Arizona: Jonas Consulting, for Grand Canyon National Park, Grand Canyon Science Center, Research Office, Flagstaff, 32 pp., appendices.

Jonas, Lilian M., AND Moore, Chris

1999 14.257 *Lake Powell preliminary socioeconomic impact analysis : final report*. Flagstaff, Arizona: SWCA, Inc., for Glen Canyon Institute, 34 pp. [Includes northern Arizona.]

Jonas, Lilian M., AND Stewart, William P.

2002 14.1576 *An overview of various impacts to Grand Canyon river experiences, with a focus on intergroup encounters, flow levels, and the 2000 Low Summer Steady Flow experiment*. Flagstaff, Arizona: SWCA, Inc., Environmental Consultants, for [U.S. Geological Survey], Grand Canyon Monitoring and Research Center, Flagstaff, Arizona, 35 pp. (Contract No. 00PG400250.)

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Jonas, Lilian M.; Stewart, William P.; AND Larkin, Kevin W.

- 2001 14.310 Encountering Heidi: Meeting others as a central aspect of the river experience. *The Waiting List* (Grand Canyon Private Boaters Association), 5(2) (Fall): 14-26. ["This paper was developed from a paper of the same title presented at, and published in the proceedings of, the 1999 Wilderness Science in a Time of Change conference, Missoula, MT. Submitted to *Symbolic Interaction*—September, 2001."]
- 2003 14.437 Encountering Heidi: Audiences for a wilderness adventurer identity. *Journal of Contemporary Ethnography*, 32: 403-431.

Jordan, Suzanne

- 1988 14.111 [Letter to editor, on river congestion.] *Grand Canyon River Guides* [newsletter], 1(2) (November): 2.

Jorgenson, Greg

- 1990 14.1610 Presentation of the creation model to the public school system. *In*: Brooks, Chris L., and Walsh, Robert E. (eds.), *Proceedings of the Second International Conference on Creationism, held July 30-August 4, 1990, Pittsburgh, Pennsylvania, USA*. Pittsburgh, Pennsylvania: Creation Science Fellowship, Volume 1, pp. 119-122. [Outline and talking points. See p. 121, notes for several slides "to show the power of moving water (Grand Canyon—good example)", "Interesting to note that the Grand Canyon was laid down in salt water" (ENTIRE NOTE); calls for one source in a film from Holiday Film Corp. (though a title is not given; refer to items in [Part 26](#) of this bibliography under Finley-Holiday Film Corporation).] [Creationist perspective.]

Jumping Mouse Camp, Inc.

- NO DATE 14.112 *Accessing the wilderness : river trips for adventurous people with special needs. Based upon Grand Canyon river trips run by Jumping Mouse Camp, Inc.* [No place]: Homestead Press, 200 pp. [Imprint from back cover.] [1993 or 1994? Dedicated to Ray Interpreter, Jr. (died May 18, 1993).] ["This manual is *not* copyrighted" (p. 7); "Final Draft" indicated, p. 8, apparently superseding "First Draft" (see p. 7). A logistical guidebook for persons with special physical and medical needs, not a Colorado River guidebook; however, it includes photographs taken in the Grand Canyon.]

≡ CROSS-LISTINGS FQ20:228 FQ23:186

Jurow, Kate

- 2016 14.1251 *Making meaning together: The role of interpretation during a short-term nature excursion*. Doctoral dissertation, Antioch University New England, 197 pp. [Based on the writer's experiences as a seasonal interpreter at Grand Canyon National Park.]

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K

Kaán, Károly

- 1931 14.1647 *Természetvédelem és a természeti emlékek*. Budapest: Révai Testvérek Irodalmi Intézet Részvénytársaság, 313 [313] pp. [In chapter "3. A természet védett helyei és a védett növények, állatfajok és geológiai alakulatok", remarks on "Grand Canyon mezeti emléket (National Monument) [*sic*]" (pp. 124-125).] [In Hungarian.]

Kabat, Sally G.

- 1994 14.113 *Home away from home: The architectural geography of hotels in the American Southwest, 1880-1920*. Doctoral dissertation, University of New Mexico, 325 pp.

Kafarowski, Joanna

- 2003 14.647 How attitudes and values shape access to national parks. *The George Wright Forum*, 20(4): 53-63.

Kanarek, Bruce

- 2005 14.395 Learning by watching: Inroads to stewardship. *Boatman's Quarterly Review*, 18(2) (Summer): 18.

Kannegieter, Tim

- 2015 14.1592 The top ten engineering tourist attractions in the world. (Paula Wallace, researcher.) *Engineers Australia* (General Edition) (Barton, Australian Capital Territory, Australia), 87(3) (April): cover, 40-52. [See "4 Hoover Dam Location: Colorado River, Arizona and Nevada Border, USA" (pp. 46-47).]

Kaplinski, Matt A.; Behan, Jeff; Hazel, Joseph E., Jr.; Parnell, Roderic A.; AND Fairley, Helen C.

- 2005 14.402 Recreational values and campsites in the Colorado River ecosystem. *In*: Gloss, Steven P., Lovich, Jeffrey E., and Melis, Theodore S. (eds.), *The state of the Colorado River ecosystem in Grand Canyon; a report of the Grand Canyon Monitoring and Research Center, 1991-2004*. U.S. Geological Survey, *Circular 1282*, pp. 193-206.
- 2005 14.405 Recreational values and campsites in the Colorado River ecosystem (chapter 12). *In*: *Colorado River Ecosystem Science Symposium 2005. Abstracts. October 25-27, 2005, Fiesta Inn Resort, 2100 South Priest Drive, Tempe, AZ*. [Flagstaff, Arizona]: [U.S. Geological Survey, Grand Canyon Monitoring and Research Center], p. 28. [Chapter 12 refers to [ITEM NO. 14.402](#).]

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- 2005 14.412 Human recreational values and campsites in the Colorado River ecosystem [ABSTRACT]. *In: Eighth Biennial Conference of Research on the Colorado Plateau, du Bois Center, Northern Arizona University, 7-10 November 2005 : program and abstracts of presented papers and posters (version 2.0)*, p. 54.

Kaplinski, Matt A.; Hazel, Joseph E., Jr.; Parnell, Roderic A.; AND Schott, Nathan D.

- 2008 14.513 Campsite area monitoring in the Colorado River ecosystem, 1998-2006, Grand Canyon National Park, Arizona [ABSTRACT]. *In: Colorado River Basin Science and Resource Management Symposium 2008. Coming together: Coordination of science and restoration activities for the Colorado River ecosystem : abstracts : November 18-20, 2008, Doubletree Resort Hotel, Scottsdale, Arizona.* [No imprint], p. 57.

Karamanos, Keith

- 2010 14.1139 *Lake Mead: Threats and benefits of the largest reservoir in the United States.* Senior Project [Bachelor's thesis], California Polytechnic State University, 35 pp.

Karls, William

- 2014 14.925 A psychiatrist looks at river trips and being a better boatman—Grand Canyon. Oral history interview with Dr. William Karls, psychiatrist and twenty-three-year Grand Canyon river guide. *In: Gulliford, Andrew (ed.), Outdoors in the Southwest : an adventure anthology.* Norman, Oklahoma: University of Oklahoma Press, pp. 264-280.

Karlstrom, Karl E., AND Crossey, Laura J.

- 2014 14.1201 Grand Canyon: Resolution of the 140-year-long debate about its age, insights into the last 12 million years of an incised aquifer system, and geoscience outreach along the Trail of Time [ABSTRACT]. *In: 2014 AIPG and AHS National Conference : program : Water and Rocks the Foundations of Life : September 13-16, 2014, Prescott, AZ.* [No place]: American Institute of Professional Geologists, and Arizona Hydrological Society, pp. 77-79.
- 2019 14.1411 Overview: What is the Trail of Time? *It's a geology timeline* [ABSTRACT]. *In: Karlstrom, Karl E., Crossey, Laura J., Semken, Steven, Stoeberl, Todd, and Calhoun, Jeanne (convenors), Grand Canyon Geology and Geoscience Education Public Symposium, April 18-20, 2019 : in honor of Grand Canyon National Park's 2019 centennial celebration, Earth Day 2019, and the 150th anniversary of John Wesley Powell's 1869 pioneering Colorado River expedition.* [No imprint], pp. 36-37.

Karlstrom, Karl E.; Crossey, Laura J.; AND Crow, Ryan

- 2013 14.1088 The Trail of Time: Innovative informal geoscience education at Grand Canyon. *In: Zeigler, Kate, Timmons, J. Michael, Timmons, Stacy, and Semken, Steve, Geology of Route 66 region: Flagstaff to Grants.* Socorro, New Mexico: New Mexico Geological Society, pp. 7-8. (New Mexico Geological Society, 64th Annual Field Conference Guidebook.)

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Karlstrom, Karl E.; Crossey, Laura J.; Semken, Steven; Crow, Ryan; AND Williams, Michael L.

- 2019 14.1472 The Grand Canyon Trail of Time provides linkages between research advances and international geoscience education [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 51(5): Paper No. 75-12
(<https://gsa.confex.com/gsa/2019AM/meetingapp.cgi/Paper/336129>).

Karlstrom, Karl E.; Semken, Steven; Crossey, Laura; Perry, Deborah; Gyllenhaal, Eric D.; Dodick, Jeff; Williams, Michael; Hellmich-Bryan, Judy; Crow, Ryan; Bueno Watts, Nievita; AND Ault, Charles

- 2008 14.484 Informal geoscience education on a grand scale: The Trail of Time exhibition at Grand Canyon. *Journal of Geoscience Education*, 56(4) (September): 354-361.

Kaval, Pamela

- 2011 14.998 *Ecosystem service valuation of the Colorado River basin: A literature review and assessment of the total economic value of the Colorado River basin*. Fort Collins, Colorado: Pamela Kaval, for The Nature Conservancy, 92 pp.

Kay, Michael; Duffy, Catherine; AND Holder, Kirsten

- 2011 14.1490 *Visitor access and transportation guide : U.S. Department of the Interior*. Cambridge, Massachusetts: U.S. Department of Transportation, Research and Innovative Technology Administration, John A. Volpe National Transportation Systems Center, 39 pp. [Grand Canyon National Park, see figure 1 (p. 5); "Goal 1: Reduce Traffic Congestion, Examples in Practice" (p. 15); "Goal 5: Reducing Conflicts Among Visitors, Examples in Practice" (pp. 36-37).]

Kearsley, Michael; Sullivan, S.; AND Morris, C.

- 2019 14.1450 Decadal-scale patterns in overnight visitor use patterns in Grand Canyon's backcountry [ABSTRACT]. *In: 15th Biennial Conference of Science and Management for the Colorado Plateau and Southwest Region : theme: "Science and Solutions for Conserving the Southwest's Land, Water, Biodiversity and Cultures" : September 9-12, 2019, High Country Conference Center, Northern Arizona University, Flagstaff, Arizona*, pp. 62-63.

Keiser, David; Lade, Gabriel; AND Rudik, Ivan

- 2018 14.1322 Air pollution and visitation at U.S. national parks. *Science Advances* (American Association for the Advancement of Science), 4: eaat1613, 6 pp. + Supplementary Materials accessible at http://advances.sciencemag.org/content/advances/suppl/2018/07/16/4.7.eaat1613.DC1/aat1613_SM.pdf, 26 pp. (Text, Figures S1-S4, Tables S1-S5).

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Kellett, Michael, AND Balken, Eric

2016 14.1173 New study refutes claims that Glen Canyon Dam hydropower is essential. *Hidden Passage* (Glen Canyon Institute), (22) (Fall): 3-6.

Kelton, Mary E.

1899 14.1652 Inductive method in geography. *New York Teachers' Monographs*, 2(1) (June): 21-28. [See p. 26, a short copying exercise for fourth-grade students, "Colorado Plateau".]

Kemp, Stephen

1986 14.1771 Parkland follies; grandiose schemes for the parks that would have made the sublime ridiculous. (Illustrations by Rosalyn Schanzer.) *National Parks*, 60(3/4) (March/April): 26-27. [Includes cableways in Grand Canyon.]

Kennedy, J. Michael

2004 14.950 Controversy over Grand Canyon rafting. *Kootenay Mountaineer* (Kootenay Mountaineering Club, Castlegar, British Columbia), (5) (September/October): 4-5. ["From *The Los Angeles Times* via *The Vancouver Sun*".]

Kesselheim, Alan S.

1998 14.344 Grand Canyon gridlock. *High Country News*, 30(24) (December 21):.

Key Digital [firm]

NO DATE 14.1430 *Key Digital*® instrumental in creating a user-friendly space for National Park Service's education and training center : *Key Digital shines alongside natural beauty in the heart of Grand Canyon National Park : case study*. Mount Vernon, New York: Key Digital, 2 pp. [Key Digital® Compass Control® Pro graphical user interface for audio-visual control system installed by Atmosphere Audio Video, for use at Albright Training Center, McKee Amphitheater, and Shrine of the Ages.]

Khomeriki, G. [ხომერიკი, გ.]

2008 14.662 *ტურიზმი : სახელმძღვანელო ტურიზმის სპეციალობის სტუდენტებისათვის*. [თბილისი, საქართველო]: ტექნიკური უნივერსიტეტი. [Turizmi : sakhelmdzghvanelo turizmis spets'ialobis studentebisat'vis. [T'bilisi, Sak'art'velo: Teq'nikuri Universiteti]. [Tourism : manual for tourism-specialization students. [Tbilisi, Georgia]: Georgian Technical University], 188 pp. [Senior thesis in tourism and Geographic Information System (GIS) technology. See Chapter 4, "მსოფლის ტურისტული რეგიონები" [Msolp'lis Turistuli Regianebi] [World Tourism Regions]; Grand Canyon tourism noted on pp. 55-56.] [In Georgian.]

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Kieffer, Susan Werner

- 1985 14.115 The 1983 hydraulic jump in Crystal Rapid: Implications for river-running and geomorphic evolution in the Grand Canyon. *Journal of Geology*, 93(4): 385-406.
 ≡ CROSS-LISTINGS |CITED» GCNHA Monograph 8: page 3-53|
- 1986 14.116 The 1983 hydraulic jump in Crystal Rapid: Implications for river-running and geomorphic evolution in the Grand Canyon. *Hibernacle News*, 1986: 5. [Facsimile of abstract, with artwork by Toni Evins.]
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Kilby, Annie

- 2021 14.1641 Learning from a distance. *Canyon Views* (Grand Canyon Conservancy), 28(1) (Spring/Summer): 6-9. [Grand Canyon National Park’s Distance Learning program.]
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Kilgore, Bruce M., AND S., L.

- 1959 14.1766 Forty years defending parks; a history of the National Parks Association. *National Parks Magazine*, 33(140) (May): 13-15. [Under “Dr. Merriam and Education” see paragraph (p. 15) pertaining to the Yavapai Observation Station.] [Item is signed “B. M. K.; L. S.”]
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Kim, Taik H.

- 2010 14.1812 Classroom activity; graphing the Grand Canyon. *Ohio Journal of School Mathematics*, (62) (Fall): 49-53.
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Kinney, Trip. D.

- 1997 14.117 *Class V whitewater paddlers in American culture*. Master’s thesis, Northern Arizona University, 150 pp.
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Kirschner, Elena

- 2020 14.1565 [Remarks.] *In: QuaranZine* [FEATURE]. *Boatman’s Quarterly Review*, 33(2) (Spring [sic, Summer]): 60. [Includes illustrations of four watercolor paintings.] [“The Grand Canyon Relief Coalition developed the *QuaranZine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with.” (From Margeaux Bestard’s introductory note to *QuaranZine*.)]
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Kish, Dawn

- 2020 14.1546 [Scaled-down replicas of historic boats by Fretwater Boatworks, photographed holding dolls and snakes; with comment.] *In: QuaranZine* [FEATURE]. *Boatman’s Quarterly Review*, 33(2) (Spring [sic, Summer]): 36. [“The Grand Canyon Relief Coalition developed the *QuaranZine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19

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pandemic] . . . to display what the world has been coping with.” (From Margeaux Bestard’s introductory note to *QuaranZine*.)]

Klein, Kerwin L.

1993 14.740 Frontier products: Tourism, consumerism, and the southwestern public lands, 1890-1990. *Pacific Historical Review*, 62(1) (February): 39-71.

Klearman, Tillie

2000 14.258 Grand Canyon Youth update. *Boatman’s Quarterly Review*, 13(2) (Spring): 43.

Klema, Julia

2004 14.374 A note from a Grand Canyon Youth river journal. *In*: Grand Canyon Youth. *Boatman’s Quarterly Review*, 17(3) (Fall): 13.

2020 14.1551 Fern Glen flood. *In*: *QuaranZine* [FEATURE]. *Boatman’s Quarterly Review*, 33(2) (Spring [*sic*, Summer]): 42. [Thoughts on her artwork of drawing on photographs; this one of the channel at Fern Glen Canyon after a flash flood.] [“The Grand Canyon Relief Coalition developed the *QuaranZine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with.” (From Margeaux Bestard’s introductory note to *QuaranZine*.)]

Klinck, Richard E.

1959 14.1765 A new answer to an old need. *National Parks Magazine*, 33(144) (September): 2-6. [The national parks as educational classrooms. Grand Canyon illustrated and *in passing*, pp. 5, 6.]

Kluge, Steve

2008 14.494 Encounter Earth: Interactive geoscience explorations [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 40(6): abstract no. 243-7.

Kneissl Touristik GmbH

2013 14.1435 *Kneissl Touristik : Studien Erlebnis Reisen : Orient- und Fernreisen : Neue Reisen: Herbst-Winter-Frühling 2013/14*. Lambach, Austria: Kneissl Touristik, 96 pp. [including wraps]. [See p. 79, “USA-Südwest: Arizona. Zur Kakteenblüte in die Sonora Desert. Las Vegas—Grand Canyon—Canyon de Chelly—Petified Forest-NP—Saguara-NP—San Diego”. Itinerary and information.] [In German.]

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Kočvara, Luboš

- 2012 14.1650 *Historie raftingu v českých zemích s nástinem vzniku a vývoje rantingu ve světě (bakalářská práce). History of rafting in the czech lands with a hint of its foundation in the world (graduation theses)* [sic]. Bachelor's thesis, Jihočeská Univerzita v Českých Budějovicích, 54 [60] pp. [See section "3.3. Historický milník expedičního raftingu—průzkum řeky Colorado" (pp. 15-17), and subsequent sections "3.4. Čelem po proudu aneb nová technika ovládnání člunu" and "3.5. Nastupující generace plnohodnotných nafukovacích raftů", which include notes and illustrations of the Green and Colorado Rivers and Grand Canyon (pp. 17-20).] [In Czech, with bilingual title, thus.]

Kohli, Megan

- 2010 14.611 Discovering Grand Canyon: Adventures for youth in the backcountry. *Canyon Views* (Grand Canyon Association), 16(1) (Spring): 1, 5-6.
- 2012 14.768 Playing with fire: Students explore benefits of fire. *Canyon Views* (Grand Canyon Association), 19(1) (Spring): 3.

Komaini, Anton; Gemaini, Andri; AND Syaputra, Andi

- 2018 14.1570 Pelaksanaan olahraga arung jeram di sungai batang sangir Kabupaten Solok Selatan. *Gelombang Olahraga* (JPPPF: Jurnal Pendidikan Jasmani dan Olahraga) (IBM2KPE, Lubuklinggau City, South Sumatra), 2(1) (July/December): 167-175. [See section "Arum Jerang" [Rafting] (p. 170), which notes the I-VI and 1-10 scales of river rapid ratings, with the note, ". . . Western scale, anka skala in diperkenalkan oleh penguasa Grand Canyon di Amerika, Doc Marston. Ukuranya berkisar antara 1-10." (ENTIRE NOTE)] [Dock Marston.] [In Indonesian.]

Kondo, Shigeru [近藤 繁]

- 2014 14.1488 「水循環」：水環境教育プログラムの実践の一例 ["Suijunkan": Suikankyō kyōiku puroguramu no jissen no ichirei] ["Water Cycle": An example of water environment education program practice]. 一般社団法人全国上下水道コンサルタント協会, 技術報告集 [Konsarutanto kyōkai, gijutsu hōkoku-shū] [Japan, National Water and Sewage Consultant Association, Technical Report], (29): 28-33. [See section 3.2, "地域の流域で生活する人にとって身近な水（水循環）を学ぶ＝木曾川流域版" [Chiiki no ryūiki de seikatsu suru hito ni totte midjikana mizu (suijunkan) o manabu; Kisogawa ryūiki-ban] [Familiarizing people living within local basins with the water cycle; the Kiso River basin version] (pp. 30-31), which involves the (American) Project WET's (Water Education for Teachers) "Discover a Watershed" series. (Refer in this bibliography to pertinent citations under Project WET.)] [In Japanese.]

Korea Education and Research Information Service [한국교육학술정보원]

- NO DATE 14.1881 장엄한 대자연의 역사를 간직한 그랜드캐니언. The Grand Canyon with a history of majestic Mother Nature. 20 억 년의 지구의 역사와 아름답고 다채로운 절경. [Grand Canyon, which preserves the magnificent history of nature. 2 billion years of Earth's

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history and beautiful and colorful scenery.] [No place]: 한국교육학술정보원 [Korea Education and Research Information Service], 9 pp. (자연으로 떠나는 여행. Travel to Nature.) [In Korean.]

Kovalik, Vlad

2020 14.1544 Murals of hope. *In: QuaranZine* [FEATURE]. *Boatman's Quarterly Review*, 33(2) (Spring [sic, Summer]): 34. ["The Grand Canyon Relief Coalition developed the *QuaranZine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with." (From Margeaux Bestard's introductory note to *QuaranZine*.)]

Kövérné Horváth, Szilvia

2007 14.1622 Fejlesztési terveink. *In: Iskolai Hírek* [SECTION]. *Lurkó* (A Fialatok Egymásért Egyesület, Györköny, Hungary), 8(1) (February): 6. [Includes note, *in passing*, of development plans that include interactive, multimedia virtual tours of the Grand Canyon from the classroom.] [In Hungarian.]

Kraker, Daniel

2003 14.455 Is the Southwest's "last real stinker" on its last legs? Closing down the Mohave power plant would be good for the air, but bad for tribal economies. *High Country News*, 35(14) (August 4): 4. [Mohave Generating Station.]

Krakoff, Sarah

2015 14.1018 The future of conservation; younger, savvier, and more diverse. *Colorado Plateau Advocate*, (Spring): 17-20.

Krasniqi, Ulber [Красниќи, Улбер]

2019 14.1683 *Проклетствата како значаен природен туристички ресурс за одржлив развој на туризмот во Косово* [Prokletstvata kako značeaen prirodan turistički resurs za održliv razvoj na turizmot vo Kosovo] [Curses [*i.e.*, the Cursed Mountains] as an important natural tourism resource for sustainable tourism development in Kosovo]. Doctoral dissertation, Универзитет „Свети Климент Охридски“, Битола Факултет за туризам и угостителство, Охрид [Univerzitet „Sveti Kliment Ohridski“, Bitola Fakultet za turizam i ugostitelstvo, Ohrid] [University "St. Kliment Ohridski", Bitola Faculty of Tourism and Hospitality, Ohrid], 213 pp. [See under section/subsections "2.1. Природни туристички ресурси, 2.1.1. Геоморфолошки ресурси, 2.1.1.4. Кањони" [2.1. Prirodni turistički resursi 2.1.1. Geomorfološki resursi 2.1.1.4. Kanjoni] [2.1. Natural tourism resources, 2.1.1. Geomorphological resources, 2.1.1.4. Canyons]; Colorado River and Grand Canyon (p. 43).] [In Macedonian.]

PART 14. SOCIOLOGY, RECREATION, EDUCATION, ECONOMICS, AND RELATED SUBJECTS IN THE GRAND CANYON–LAKE MEAD REGION

Kremer, Stefan

- 2011 14.988 Grand Canyon: Neuer Film im neuen Kino. *Southwest Chronicle* (USA Reporter, Magazin über den Südwesten der USA, Stolberg, Germany), (April): 2-3. [New film, "Grand Canyon: A Journey of Wonder" from Joshua Colover/Aperture Films, Ltd., now shown in the new Orientation Theater in the South Rim Visitors Center.] [In German.]
- 2012 14.989 Grand Canyon: 415 Millionen Dollar Umsatz in 2010. *Southwest Chronicle* (USA Reporter, Magazin über den Südwesten der USA, Stolberg, Germany), (March): 2. [In German.]
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Kreutz, Douglas

- 1987 14.625 The notorious Bright Angel; nature winced. *Backpacker*, 15(2) (March) (79): 70-72. [A part of Our Nation's Trails series.] [In part introduced by the article by Jim Chase, pp. 64-67 (ITEM NO. 14.624).]
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Kristóf, Ildikó Sz.

- 2017 14.1821 "No Visitors Beyond This Point:" Rules of conduct for tourists in Native American reservations and their cultural-political contexts in the USA. *In*: Cristian, Réka M., Kökény, Andrea, and Szőnyi, György E. (eds.), *Confluences: Essays mapping the Manitoba-Szeged partnership*. Szeged, Hungary: JATEPress, pp. 123-137. (Volume: University of Szeged, Institute of English and American Studies, *Papers in English and American Studies*, 24.) [See pp. 123-124, opening remarks establishing context, which include note of "the enormous industry of . . . 'frontier tourism'" in the American Southwest", where "Grand Canyon tourism emerged first", "developed and promoted primarily by the Fred Harvey Company." Native American cultures were seen as "a touristic commodity . . . for the North American as well as European visitors, together with their 'primitivism' allegedly preserved" (with cited references).] [No further references directly pertinent to Grand Canyon.]
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Küçükaslan, Nazife

- 2006 14.544 Özel ilgi turizmde niş pazarlamanın yeri. [Marketing's place in special-interest tourism.] *Paradoks: Ekonomi, Sosyoloji ve Politika Dergisi* (Yalova, Turkey), 2(2): 1-32. [Grand Canyon rafting noted, p. 15.] [In Turkish.]
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Kurtz, William Boyce

- 1972 14.1233 *The demand for motorboat use of large reservoirs in Arizona*. Doctoral dissertation, University of Arizona, 150 pp. [Includes Lake Mead, Lake Mohave, and Lake Havasu.]
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Kutz, Jessica, AND Araiza, Cassidy

- 2021 14.1628 Life after coal; Diné activist Nicole Horseherder's long quest for equity from the rise and fall of the coal economy. *High Country News*, 53(2) (February): 4, 28-34. [Perspectives following the demolition of the Navajo Generating Station smokestacks (December 2020).]

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Kwak-Hefferan, Elisabeth

- 2015 14.1025 The people factor. What makes the Grand Canyon so grand? Hint: It's not just the views. *Grand Canyon Journal*, 2015: 5.

Kwiatkowski, Chad Joseph

- 2018 14.1341 Getting teachers in the field: A student perspective of the 2018 GSA Geology of Arizona GeoTeachers workshop [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 50(6): doi:10.1130/abs/2018AM-325120. [Field sites included Grand Canyon.]

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Labaschin, Benjamin J.

- 2016 14.1244 *Energy returns on energy invested and Glen Canyon Dam: The usefulness of EROI in the decommissioning of hydroelectric dams.* Bachelor's thesis, Lake Forest College, 103 pp.

LaChat, Robert, AND Pike, Chris

- 1989 14.573 Canyon beaches: a study of selected campsites for suitability. *In: Colorado River Investigations VIII : July/August, 1989* (supervised by Stanley S. Beus, Lawrence E. Stevens, and Frank B. Lojko). Flagstaff, Arizona: Northern Arizona University, for U.S. National Park Service, Grand Canyon National Park, pp. 62-74.

Landsiedel, Emma

- 2014 14.996 From Emma Landsiedel. *In: Grand Canyon Youth Update* [SECTION]. *Boatman's Quarterly Review*, 27(4) (Winter 2014-2015): 14. [Untitled verse and remarks from a Colorado River trip through Grand Canyon with Grand Canyon Youth's "Grand Inspiration" (or "GRIN") program. Also illustrated with two watercolors by the author, aged 19.]

Lane, Liz

- 2003 14.655 *The Kaibab National Forest's Heritage Program: Brokering culture inside and outside the forest.* Master's internship paper, Northern Arizona University, 103 pp.
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GRAND CANYON–LAKE MEAD REGION

Lane, Rader

- 2021 14.1643 Seeing stars: The Astronomer in Residence program. *Canyon Views* (Grand Canyon Conservancy), 28(1) (Spring/Summer): 14-19.
- 2024 14.1839 Protecting Grand Canyon's dark skies. *Canyon Views* (Grand Canyon Conservancy), 31(1) (Summer): 12-15. [Grand Canyon National Park Dark Skies Program, outreach.]
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Lareau, Thomas J., AND Rae, Douglas A.

- 1989 14.425 Valuing WTP for diesel odor reductions: An application of contingent ranking technique. *Southern Economic Journal*, 55(3) (January): 728-742. [See p. 731, note 4; and reference on p. 742.] [Commodity valuation of atmospheric visibility.]
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Larson, Douglas Kurt

- 1974 14.813 *An analysis of the motor-row conversion issue of Colorado River float trips.* Master's thesis, University of Arizona, 171 pp.
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Latch, Sarah

- 2014 14.1158 Wandering the West with Partners in the Parks. *The Honors Chronicle* (Shippensburg University, Shippensburg, Pennsylvania), 28(3) (November/December): [2]. [Includes Grand Canyon-Parashant National Monument and Toroweap.]
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Lathrop, Alison S., AND Ebbett, Ballard E.

- 2006 14.1157 An inexpensive, concentrated field experience across the Cordillera. *Journal of Geoscience Education*, 54(2) (March): 165-171. [Transect from region of Flagstaff, Arizona, to the Sierra Mountains, California, including South Rim of Grand Canyon and Grapevine Mesa.]
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Law, Steven

- 2011 14.733 Guiding goes global. *Boatman's Quarterly Review*, 24(4) (Winter 2011-2012): 20-21. [Grand Canyon river guide Ariel Neill, speaker at 2011 Global Geotourism Conference in Muscat, Oman. Focus is on interpretation.]
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Lash, Nikolai

- 2010 14.582 Hydropower economics at Glen Canyon Dam: How much does it cost to restore Grand Canyon? *Colorado Plateau Advocate*, (Winter/Spring): 14-15.
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GRAND CANYON–LAKE MEAD REGION

Leachman, Mark

- 1998 14.118 Watch it out there. *In*: Flipped Out [LETTERS SECTION]. *The Waiting List* (Grand Canyon Private Boaters Association), 2(4) (November): 24.
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Leahy, Jessica E., AND Johnson, Rebecca L.

- 2000 14.786 Displacement of backcountry users due to fees at Grand Canyon and Everglades National Park[s] [ABSTRACT]. *In*: Burdge, Rabel, Miles, John, Alper, Donald, and Kruger, Linda (Steering Committee), *Transcending Boundaries : Natural Resource Management from Summit to Sea. Book of abstracts. 8th International Symposium on Society and Resource Management, June 17-21, 2000, Bellingham, Washington, USA*. Portland, Oregon: U.S. Forest Service, Pacific Northwest Research Station, General Technical Report PNW-GTR-497, p. 181.
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Leatherberry, Earl C.; Lime, David W.; AND Thompson, Jerrilyn LaVarre

- 1980 14.1082 Trends in river recreation. *In*: Proceedings : 1980 National Outdoor Recreation Trends Symposium : Volume I : U.S. Department of Agriculture, Forest Service, Northeastern Forest Experiment Station, 370 Reed Road, Broomall, PA 19008. *U.S. Forest Service, General Technical Report NE-57*, pp. 147-164. [Data include Colorado River in Grand Canyon.]
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Lebrecht, Stephen Eric

- 1989 14.811 *Equalization effects on selected Arizona school districts: A longitudinal study*. Doctoral dissertation, University of Arizona, 117 pp. [Includes Grand Canyon School District.]
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Ledbetter, Jeri

- 1992 14.119 Insurance. *The News* (Grand Canyon River Guides), 5(2) (Spring): 19. [Boatmen's insurance needs.]
- 2000 14.285 [Comments.] *In*: "Ice-ssay's," begging and etiquette, or . . . need ice? [FEATURE]. *The Waiting List* (Grand Canyon Private Boaters Association), 4(2) (Summer): 16. [Letter, signed as "Jeri", gathered from gcboaters@songbird.com electronic list. Ellipsis is part of feature title.]
- 2000 14.286 [Comments.] *In*: "Ice-ssay's," begging and etiquette, or . . . need ice? [FEATURE]. *The Waiting List* (Grand Canyon Private Boaters Association), Special Issue: 10. [Letter, signed as "Jeri", gathered from gcboaters@songbird.com electronic list. Ellipsis is part of feature title.] [NOTE: "A Special Edition of the Grand Canyon Private Boaters Association Quarterly Courtesy of Power Bar", not mailed but distributed at Lees Ferry.]
- 2002 14.332 [Comments.] *In*: "Ice-ssay's"—begging and etiquette, or . . . need ice? [FEATURE]. *The Waiting List* (Grand Canyon Private Boaters Association Quarterly), 6(1) (Summer/Fall): 35-36. [Special Issue: Reflections—Five Years of Fun—A Waiting List Anthology. Ellipsis is part of feature title.] [Letter, signed as "Jeri".]
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GRAND CANYON–LAKE MEAD REGION

Leding, Nathan

- 2017 14.1247 *Facebook and television news, a qualitative analysis using Napoli's theory of engagement*. Master's thesis, University of Minnesota, 67 pp. [Includes a blog post by KNXV, Phoenix, pertaining to the night sky over Grand Canyon; see pp. 43-44, 53-54.]
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Lee, Desmond, AND Reeder, Dean

- 2012 14.866 Mitigating encroachment of park experiences: Sustainable tourism in gateway communities. *Park Science* (U.S. National Park Service), 29(1) (Spring/Summer): 48-52. [In particular, notes communities that claim a connection to national parks, such as Las Vegas and Grand Canyon (p. 49).]
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Lee, Howard

- 2011 14.1697 Rock, time and teenagers. Howard Lee FGS recently sold himself down the river with a bunch of adolescents. It was a learning experience for all. *Geoscientist* (The Fellowship magazine of The Geological Society of London), 21(1) (February): 19-21. [Cover tease: "Colorado Rafting; Teaching teenagers geology in the Grand Canyon".] [Boy Scouts trip.]
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Lee, Joey Ying, AND Tsou, Ming-Hsiang

- 2018 14.1261 Mapping spatiotemporal tourist behaviors and hotspots through location-based photo-sharing service (Flickr) data. *In*: Kiefer, Peter, Huang, Haosheng, Van de Weghe, Nico, and Raubal, Martin (eds.), *LBS 2018 : 14th International Conference on Location Based Services : Progress in Location Based Services 2018*. Cham, Switzerland: Springer, pp. 315-334. (Volume series: *Lecture Notes in Geoinformation and Cartography*.) ("This research studies geo-tagged Flickr photos collected from the Grand Canyon area within 12 months (2014/12/01-2015/11/30) using kernel density estimate (KDE) mapping, Exif (Exchangeable image file format) data, and dynamic time warping (DTW) methods.")
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Lee, Junghun

- 2007 14.612 *Achievement of expectations in leisure travel satisfaction: An application of expectation-disconfirmation theory*. Doctoral dissertation, University of Illinois at Urbana-Champaign, 132 pp.

Lee, Junghun, AND Stewart, William P.

- 2007 14.1152 Matching expectations to on-site experiences: An application of expectations-disconfirmations theory [ABSTRACT]. *In*: *ISSRM 2007 : 13th International Symposium for Society and Resource Management*. Logan, Utah: Utah State University, p. 260. [Volume on CD-ROM.] [Sample of "155 Grand Canyon overnight backcountry hikers 2005-2006".]
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Lee, Martha E., AND Grover, Lenore

- 1992 14.534 *Lee's Ferry carrying capacity study : final report.* Northern Arizona University, School of Forestry, [197] pp. (National Park Service cooperative agreement CA-1440-0-0004.)

Lehane, James

- 2024 14.1855 In the shadow of Disney: Paleontology and geology in the US Disney parks [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 56(5), abstract 10-4 (<https://doi.org/10.1130/abs/2024AM-400786>). [Notes the "Grand Canyon [as portrayed] in the Primeval World along the Disneyland Railroad".]

Lehnertz, Chris [Lehnertz, Christine]

- 2019 14.1418 A message to the 2019 GTS attendees from the Grand Canyon National Park Superintendent. *Boatman's Quarterly Review*, 32(2) (Summer): 7. [Under the page title, "Thank you Superintendent Lehnertz!", with editorial introduction and box, "Latest News:". Lehnertz had recently stepped aside as superintendent and a retirement from the National Park Service pending. The box notes that she will be in a new position as president and CEO of the Golden Gate National Parks Conservancy.] [Guides Training Seminar.]

Lepiae, E. [Lepiae, Edmond]

- 1903 14.1203 L'enseignement par les projections. *Revue Générale Agronomique* (L'Association des Ingénieurs, Institute Agronomique de l'Université de Louvain), 12(2) (February): 49-58. [Part 1 of a serialized article on the uses of lantern slides in teaching; subsequent parts not pertinent to this bibliography.] [See section, "Géographie Physique" (pp. 52-55), which comprises "Diapositives choisies pour l'extension universitaire d'Oxford par H.-J. Mackinder, professeur de géographie à l'Université d'Oxford", with notation that the price of each slide is 1 fr. 25, with additional "notice explicative" for fr. 0,95. Page 53 includes list of slides on the subject, "Dénudation de Stratifications Horizontales", most of which depict Grand Canyon scenes.] [In French.]

Leshniak-Johann, Malgorzata; Drozdowska, Marta; AND Maciejewski, Wojciech [Лешняк-Йоганн, Малгожата; Дроздовська, Марта; Мацієвський, Войцех] [Лешняк-Йоганн, Малгожата; Дроздовская, Марта; Войцех Мациевский]

- 2014 14.1599 Tourism planning in the nature protected areas—Grand Canyon National Park case study / Планування туризму на природоохоронних територіях на прикладі Національного Парку Гранд-Каньйон [Planuvannya turyzmu na pryrodookhoronnykh terytoriyakh na prykladi Natsional'noho Parku Grand-Kan'yon] / Планирование туризма на природоохранных территориях на примере Национального Парка Гранд-Каньон [Planirovaniye turizma na prirodookhrannykh territoriyakh na primere Natsional'nogo Parka Grand-Kan'on]. *In: Географія, Економіка і Туризм: Національний та Міжнародний Досвід : Матеріали VII міжнародної конференції : Львів–Тернопіль, 4-6 жовтня 2013 р. [Heohrafiya, Ekonomika i Turyzm: Natsional'nyy ta Mizhnarodnyy Dosvid : Materialy VII mizhnarodnoyi konferentsiyi : L'viv–Ternopil', 4-6 zhovtnya 2013 r.] / Geography, Economics and Tourism:*

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National and International Experience : Proceedings of VII International Scientific Conference : Lviv-Ternopil, October 4-6, 2013. *Львівського Університету, Вісник* (Серія: Міжнародні відносини) [L'vivs'koho Universytetu, Visnyk (Seriya: Mizhnarodni vidnosyny)] [*Lviv University, Bulletin (Series: International Relations)*], (34): 96-105. [In English, with author names, item title, and abstract also in Ukrainian and Russian; conference title-page and serial title in Ukrainian and English.]

Levinson, Jerrold

1993 14.422 Extending art historically. *Journal of Aesthetics and Art Criticism*, 51(3) (Summer): 411-423. [See pp. 417-418.]

Levitt, James N.

2013 14.1484 Geoparks and the emerging practice of large landscape conservation. *International Journal of Geoheritage and Parks*, 1(1) : 6-9. [See p. 8, remarks on the sister park relationship between Grand Canyon National Park and Yuntaishan National Park in China.]

Levy, Daniel S.; Hammitt, James K.; Duan, Naihua; Downes-LeGuin, Theo; AND Friedman, David

1995 14.120 *Conceptual and statistical issues in contingent valuation : estimating the value of altered visibility in the Grand Canyon*. Santa Monica, California: RAND, 39 pp. (RAND report no. MR-344-RC.)

Levy, Laura

2009 14.1361 *Grand Canyon Youth and Global Explorers "Leading the Way" soundscape project*. U.S. National Park Service, Grand Canyon National Park, Science and Resource Management, Soundscape Program, 6 pp.

Levy, Laura, AND Falzarano, Sarah

2010 14.867 Visually impaired students help collect acoustic data in Grand Canyon National Park. *Park Science* (U.S. National Park Service), 26(3) (Winter 2009/2010): 50-51. [In print February 5, 2010.]

Levy, Neil

2016 14.1152 Have I turned the stove off? Explaining everyday anxiety. *Philosophers' Imprint* (University of Michigan Library), 16(2) (January): 1-10. [See p. 4, regarding visual illusion in the Grand Canyon Skywalk experience (Hualapai Indian Reservation).]

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GRAND CANYON–LAKE MEAD REGION

Lew, Alan A.

- 1987 14.121 Planning problems in uncontrolled tourist strip development, a case study of Tusayan, Arizona [ABSTRACT]. *Arizona-Nevada Academy of Science, Journal*, 22 (1987 Proceedings Supplement): 39.

≡ [CROSS-LISTINGS](#) | [CITED»](#) [GCNHA Monograph 8: page 7-9](#)

Lewis, Andrew

- 2003 14.345 "Back of the boat"—rowing in the dough: Your financial future, one trip at a time. *Boatman's Quarterly Review*, 16(1) (Spring): 5.

Lewis, Ralph H.

- 1993 14.1181 *Museum curatorship in the National Park Service, 1904-1982*. Washington, D.C.: U.S. National Park Service, Curatorial Services Division, 396 pp. [See in particular, "Yavapai and Bear Mountain", pp. 38-42.] [Yavapai Observation Station.]

Li, Deren

- 1991 14.122 *Analysis of economic efficiency/environmental quality tradeoffs for large-scale peaking mode hydropower*. Doctoral dissertation, Utah State University, 188 pp.

Li, Jialing

- 2023 14.1875 On Feng Youlan's perception and the meaning of life. *Journal of Humanities, Arts and Social Science*, 7(6): 1112-1116. [In the section, "The acquaintance reached by the coincidence of knowledge and experience of famous sayings" (pp. 1113-1114), which notes that famous sayings are "generally learned from elsewhere, such as a person reading", only to hear from "teachers and classmates . . . [about] magnificent, glorious and sad beauty, but he has never seen the real scenery". Notes, "Take the Grand Canyon, for example. Even if we can use some modern technology to take us 'there', . . . understanding it is absolutely different from our actual experience there." (p. 1114)]

Liggett, Deb

- 1991 14.1751 "We have given you a soapbox": Case studies in critical issues interpretation. *Ranger* (Association of National Park Rangers, Journal), 7(4) (Fall): 12-13. [Includes the "debacle" and long-term follow-up after the removal from public display of the bronze statue of the iconic burro, Brighty, at Grand Canyon.]

Lillie, Robert J.

- 2004 14.1072 Parks and plates: The use of plate tectonic concepts to teach a course on geology of national parks [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 36(5): 487.

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- 2011 14.717 Interpreting park landscapes and their deeper meanings: Using sense of place to help park rangers and visitors link geology, ecology and human history [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 43(5): 180.

Lillie, Robert J.; Mathis, Allyson C.; Goddard, Charlotte; AND Braunmiller, Jochen

- 2009 14.1073 EarthScope outreach to park rangers and museum educators: connecting the public to the dynamic landscape of North America [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 41(7): 598.

Lin, Daniel, AND Loui, Michael C.

- 1998 14.1002 Taking the byte out of cookies: Privacy, consent, and the web. *Computers and Society*, (June): 39-51. [See pp. 40-41, 46, a hypothetical example of a Grand Canyon hiker interrupted by "noisy tourists riding mules" not being able to "claim an invasion of privacy".]

Little, William Lee

- 2009 14.1659 Statement of William Lee Little, Chief Executive Officer, BarZ Adventures Inc. *In: Expanding access to federal lands for people with disabilities : oversight hearing before the Subcommittee on National Parks, Forests and Public Lands of the Committee on Natural Resources, U.S. House of Representatives, One Hundred tenth Congress, Second Session, Thursday, July 24, 2008 : Serial No. 110-82.* Washington, D.C.: U.S. Government Printing Office, pp. 38-43. [See pp. 39, 42, remarks concerning a request at Grand Canyon for a sign interpreter for a deaf guest.] [NOTE: BarZ Adventures manufactures the GPS Ranger system, a handheld educational GPS (Global Positioning System) touring device that presents multimedia content based on recognition of GPS coordinates.]

Littlejohn, Margaret, AND Hollenhorst, Steven J.

- 2004 14.387 *Grand Canyon National Park South Rim visitor study : Summer 2003.* [Moscow, Idaho]: University of Idaho, Park Studies Unit, for U.S. National Park Service, Social Science Program, Visitor Services Project, 2 volumes. (Visitor Services Project, Report 144. NPS D-728.)

Litvin, Stephen W., AND Mouri, Nacef

- 2009 14.547 A comparative study of the use of "iconic" versus "generic" advertising images for destination marketing. *Journal of Travel Research*, 47(4): 152-161. [Student participants randomly assigned to one of five six-page colored "magazines" (quotes thus), all of which were identical except for a stimulus advertisement on page 5. "Version 1 of the magazine contained a page 5 advertisement for the Grand Canyon, with the tagline, 'The Grand Canyon, Arizona. The Experience is Priceless.' Version 2 replaced the Grand Canyon photo with an attractive lake and mountain scene fictitiously labeled Lake Limo, Arizona, with the same 'The Experience is Priceless' tagline." (South Dakota was an alternate test state.)]

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Liu, Pengfei; Liang, Liuke; AND Liu, Ying [刘鹏飞; 梁留科; 刘英]

- 2011 14.1517 中美国家风景名胜区门票价格比较研 [Zhōng měi guójiā fēngjǐng míngshèngqū ménpiào jiàgé bǐjiào yán] [A comparative study of ticket prices of Chinese and American national scenic areas]. 地域研究與開發 [diyù yánjiū yǔ kāifā] [Geographical Research and Development] (河南省科學院地理研究所 [Hénán shěng kēxuéyuàn dìlǐ yán jiū suǒ] [Henan Academy of Sciences, Institute of Geography, Zhengzhou]), 30(5): 108-111, 122. [Data include Grand Canyon.] [In Chinese.]

Liu, Xiaohui; Chen, Yuexia; Liu, Guangbo [刘晓惠; 陈月霞; 刘广波]

- 2015 14.1518 国外水利风景资源规划的经验及启示 [guówài shuǐlì fēngjǐng zīyuán guīhuà de jīngyàn jí qǐshì] [Experience and enlightenment of water resources and landscape resources planning abroad]. 水利经济 [shuǐlì jīngjì] *Journal of Economics of Water Resources* (Nanjing), 33(1) (January): 68-72. [See section 2.3.1., “美国胡佛大坝” [Měiguó hú fú dà bà] [Hoover Dam] (p. 70); and section 2.3.2 “美国鲍威尔湖” [Měiguó bàowēi'ěr hú] [Lake Powell, USA] (pp. 70-71), which also includes note of Grand Canyon-Colorado River tourism.] [In Chinese, with bilingual serial title.]

Lojko, Frank B.

- NO DATE 14.124 (ED.) *1990 Grand Canyon Experience teaching activities and units : developed by the 1990 participants of the Grand Canyon Experience*. [Department of Geology, Northern Arizona University], 142 pp. (Sponsored by the National Science Foundation, grant no. TPE-8954615 and Department of Geology, Northern Arizona University.)
- 1989 14.125 *Grand Canyon Experience teaching activities and units*. Northern Arizona University, Department of Geology, Grand Canyon Experience Center, 138 pp.
 ≡ CROSS-LISTINGS |CITED» GCNHA Monograph 8: page 12-22|
- 1991 14.126 Analysis on content tests and Resource/Environmental Attitude Survey of teacher participants of the Grand Canyon Experience project [ABSTRACT]. *Arizona-Nevada Academy of Science, Journal*, 26(Proceedings Supplement): 63.
 ≡ CROSS-LISTINGS |CITED» GCNHA Monograph 8: page 12-22|

Lojko, Frank B., AND Beus, Stanley S.

- 1993 14.127 Grand Canyon Experience Project: four years of research, evaluation, and implementation of effective earth science teaching activities designed by teachers [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 25(6): A-217.

Lojko, Frank B., AND McCarty, Jim

- 1991 14.128 Components for media and script development of research projects of the Grand Canyon experience [ABSTRACT]. *Arizona-Nevada Academy of Science, Journal*, 26(Proceedings Supplement): 61-62.

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Loomis, John; Bond, Craig; AND Harpman, David

- 2009 14.1184 The potential of agent-based modelling for performing economic analysis of adaptive natural resource management. *Journal of Natural Resources Policy Research*, 1(1) (January): 35-48. [Grand Canyon, *passim*.]

Loomis, John B.; Cole, David; Foti, Pam; Manning, Robert; Moisey, R. Neil; AND Ratcliffe, Robert

- 2005 14.410 *Final report of the Protocol Evaluation Panel (PEP) on the Recreation Monitoring Program of the Grand Canyon Monitoring and Research Center (GCMRC)*. [No imprint], 32 pp.

Loomis, John B.; Douglas, Aaron J.; AND Harpman, David A.

- 2005 14.403 Recreational use values and nonuse values of Glen and Grand Canyons. *In*: Gloss, Steven P., Lovich, Jeffrey E., and Melis, Theodore S. (eds.), *The state of the Colorado River ecosystem in Grand Canyon; a report of the Grand Canyon Monitoring and Research Center, 1991-2004*. *U.S. Geological Survey, Circular 1282*, pp. 153-164.
- 2005 14.406 Recreational use values and nonuse values of Glen and Grand Canyons (chapter 9). *In*: *Colorado River Ecosystem Science Symposium 2005. Abstracts. October 25-27, 2005, Fiesta Inn Resort, 2100 South Priest Drive, Tempe, AZ*. [Flagstaff, Arizona]: [U.S. Geological Survey, Grand Canyon Monitoring and Research Center], p. 22. [Chapter 9 actually refers to Loomis *et al.*, 2005, *ITEM NO.* 14.403].]

Loomis, Ross J., AND Garnand, Douglas

- 1986 14.870 Trail logs reveal visibility impact on park visitors. *Park Science* (U.S. National Park Service), 6(2) (Winter): 16-17. [Includes data from Grand Canyon.]

Lowry, Thomas S.; Chermak, Janie M.; Brookshire, David S.; Shaneyfelt, Calvin R.; AND Kobos, Peter H.

- 2017 14.1348 *Measuring non-market values for hydropower production and water storage on the Colorado River: A white paper investigation*. Albuquerque, New Mexico: Sandia National Laboratories, 44 pp. (Sandia Report SAND2017-0132.)

Loxton, Jason

- 2021 14.1672 Students prefer locally-focused virtual field trips; social media delivery is a low-cost way of creating them [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 53(6): Abstract 244-11, doi:10.1130/abs/2021AM-370587. [Notes Grand Canyon as an example.]

Loya, A.

- 1926 14.1668 Report of the English class for the months of October to December, 1925. *In*: State News [SECTION], Arizona [SUBSECTION]. *Child Welfare Magazine* (Philadelphia), 20(11) (July): 684-685. [Regarding Parent-Teacher Association Spanish Branch activities at

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Grand Canyon Village. Editor’s note: “This good American had studied English less than six months when he wrote the following report.”]

LSC Transportation Consultants, Inc.

- 2014 14.1491 (WITH AECOM USA, Inc.) *A coordinated transit plan for ECoNA in northern Arizona : final report*. Colorado Springs, Colorado: LSC Transportation Consultants, Inc.; and Hooksett, new Hampshire, AECOM USA, Inc., for Community Transportation Association of America, Washington, D.C., SEPARATELY PAGINATED SECTIONS [162 pp. total]. [“The Community Transportation Association of America (CTAA), on behalf of the Economic Collaborative Northern Arizona (ECoNA), contracted with LSC Transportation Consultants, Inc. (LSC) to develop a coordinated public transportation service plan in the corridor extending from the South Rim of the Grand Canyon to Williams and east to Flagstaff . . .” (p. ES-1). *NOTE*: Does not include U.S. Route 180.]

Lu, Chunxia; Xie, Gaodi; Cheng, Shengkui; AND Yu, Guirui [鲁春霞; 谢高地; 成升魁; 于贵瑞]

- 2003 14.543 水利工程对河流生态系统服务功能的影响评价方法初探 [Shuǐlì gōngchéng duì héliú shēngtài xìtǒng fúwù gōngnéng de yǐngxiǎng píngjià fāngfǎ chūtàn]. Approaches to evaluate the effects of hydraulic engineering on river ecosystem services. 应用生态学报 [yìngyòng shēngtài xuébào] *Chinese Journal of Applied Ecology*, 14(5) (May): 803-807. [Includes reference to Glen Canyon Dam; cited also for its bilingual table explaining impact-assessment equation.] [In Chinese, with bilingual titles and abstract.]

Luberg, Ago

- 2021 14.1873 *Consolidation of crowd-sourced geo-tagged data for parameterized travel recommendations*. Doctoral dissertation, Tallinna Tehnikaülikool (Tallinn University of Technology, Tallinn, Estonia), 157 pp. (Printed by Koopia Niini & Rauam.) [In the section, “Sightsmap”, includes “the main Grand Canyon walking trail”, the Trail of Time.]

Lubick, Naomi

- 2005 14.485 Taking a 3-D field trip; travel to Mars, the Grand Canyon and Lake Superior all inside the walls of any classroom. *Geotimes*, 50(10): 44-45.

Lukoseviciute, Goda; Pereira, Luís Nobre; AND Panagopoulos, Thomas

- 2022 14.1746 The economic impact of recreational trails: a systematic literature review. *Journal of Ecotourism*, 21(4): 366-393. [Includes notes of Grand Canyon (pp. 367, 374) based on Hjerpe and Kim (2007, ITEM NO. 14.559, which relates to river running).]

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Luo, Wei; Pelletier, Jon D.; Duffin, Kirk; Ormand, Carol J.; Hung, Wei-chen; Iverson, Ellen A.; Shernoff, David; Zhai, Xiaoming; AND Chowdary, A.

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Luo, Wei; Pelletier, Jon D.; Duffin, Kirk; Ormand, Carol J.; Hung, Wei-chen; Iverson, Ellen A.; Shernoff, David; Zhai, Xiaoming; AND Whalley, Kyle

2014 14.1624 Web-based Interactive Landform Simulation Model—Grand Canyon (WILSIM-GC [ABSTRACT]). *Geological Society of America, Abstracts with Programs*, 46(6): 599.

Luo, Wei; Pelletier, Jon D.; Duffin, Kirk; Ormand, Carol J.; Hung, Wei-chen; Shernoff, David J.; Zhai, Xiaoming; Iverson, Ellen; Whalley, Kyle; Gallaher, Courtney; AND Furness, Walter

2016 14.1142 Advantages of computer simulation in enhancing students' learning about landform evolution: A case study using the Grand Canyon. *Journal of Geoscience Education*, 64(1) (February): 60-73. [WILSIM-GC, Web-based Interactive Landform Simulation Model—Grand Canyon, <http://serc.carleton.edu/landform/>.]

Luo, Wei; Pelletier, Jon D.; Smith, Thomas; Whalley, Kyle; Shelhamer, Aaron; Darling, Andy; Ormand, Carol J.; Duffin, Kirk; Hung, Wei-Chen; Iverson, Ellen A. R.; Shernoff, David; Zhai, Xiaoming; Chiang, Jui-Ling; AND Lotter, Nicholas

2016 14.1629 Earth surface modeling for education: How effective is it? Latest classroom tests with Web-based Interactive Landform Simulation Model-Grand Canyon (WILSIM-GC) [ABSTRACT]. *American Geophysical Union, 2016 Fall Meeting, San Francisco, California, 12-16 December*, Abstract ED13C-0943.

Lytle, Will

2020 14.1541 Trading words. *In: Quaranzine* [FEATURE]. *Boatman's Quarterly Review*, 33(2) (Spring [sic, Summer]): 31. ["The Grand Canyon Relief Coalition developed the *Quaranzine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with." (From Margeaux Bestard's introductory note to *Quaranzine*.)]

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MacDonald, Kenneth Iain

2004 14.656 Conservation as cultural and political practice. *Policy Matters* (International Union for the Conservation of Nature, Commission on Environmental, Economic and Social Policy), (13) (November): 6-17. [Article begins with notice of Sisters of Mary

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inspirational plaques posted at Grand Canyon, removed after objections and replaced after protest; p. 6.]

Mace, Britton L.; Bell, Paul A.; AND Loomis, Ross J.

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| 1999 | 14.252 | Aesthetic, affective, and cognitive effects of noise on natural landscape assessment. <i>Society and Natural Resources</i> , 12(3): 225-242. |
| 2004 | 14.436 | Visibility and natural quiet in national parks and wilderness areas: Psychological considerations. <i>Environment and Behavior</i> , 36(1) (January): 5-31. |

Machlis, Gary, AND Kugler, Lisbet

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| 2005 | 14.868 | <i>The Canon National Parks Science Scholars Program : training the next generation of conservation scientists</i> . [No place]: Canon USA, Inc., American Association for the Advancement of Science, and U.S. National Park Service, 88 pp. [Grand Canyon research noted, <i>in passing</i> , regarding the Canon Scholars Karen Short (p. 27) and James Battin (p. 32).] |
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Machlis, Gary E., AND Wenderoth, Ellen L.

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| 1982 | 14.129 | <i>Foreign visitors at Grand Canyon National Park: A preliminary study</i> . University of Idaho, College of Forestry, Wildlife and Range Sciences, Cooperative Park Studies Unit, CPSU/UI S82-2, 57 pp. + appendices.
≡ CROSS-LISTINGS CITED» GCNHA Monograph 8: page 7-16 |
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Magahern, Jimmy

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| 2018 | 14.1393 | Voluntourism grows up. Charitable travel is big with college kids. But retirees may make a bigger impact as volunteer tourists. <i>Lovin' Life After 50</i> (Tempe, Arizona), (February): 12, 18. [See p. 18, remarks on Grand Canyon Association's volunteer opportunities, quoted from Christine Vogt, director of Arizona State University's Center for Sustainable Tourism.] |
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Magneson, Claire

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| 2020 | 14.1546 | Start again. <i>In: QuaranZine</i> [FEATURE]. <i>Boatman's Quarterly Review</i> , 33(2) (Spring [sic, Summer]): 37. ["The Grand Canyon Relief Coalition developed the <i>QuaranZine</i> to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with." (From Margeaux Bestard's introductory note to <i>QuaranZine</i> .)] |
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Mahaffey, Ben D.

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| 1970 | 14.898 | Highlights of the 3rd Recreation Management Institute. <i>Department of Recreation and Parks</i> (Texas A&M University, College of Agriculture), 5(6) (November/December): [6], [9]. [3rd Recreation Management Institute, co-sponsored by U.S. National Park |
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Service, held at Horace M. Albright Training Center, Grand Canyon. Report, with photos.]

Mahmood, M. Qasim, AND Spencer, Christopher J.

- 2019 14.1469 Using Live Virtual Field Tours to enhance student participation in fieldwork [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 51(5): Paper No. 192-4 (<https://gsa.confex.com/gsa/2019AM/meetingapp.cgi/Paper/334087>). [Fifteen LVFTs were broadcast live from world locales, including Grand Canyon.]

Malen, Kari

- 2014 14.1492 Grand Canyon citizen stewardship. *In: Education News [SECTION]. The Vermilion Flycatcher* (Tucson Audubon Society), 50(7) (April): 14. [Promotional item for Grand Canyon Trust's 2006 Volunteer Program at Kane Ranch and Two Mile Ranch.]

Malý, Petr

- 2015 14.1646 *Individuální turismus ve vybraných oblastech USA. Individual tourism in particular areas of the USA.* Bachelor's thesis, Univerzita Hradec Králové (Czech Republic), 87 pp. [See section 4.7.3, "Národní park Grand Canyon" (pp. 27-28).] [In Czech, with title and abstract also in English.]

Manner, Barbara M., AND Corbett, Robert G.

- 1993 14.130 Grand Canyon experience inspires teachers of various disciplines. *Journal of Geological Education*, 41(5): 445-446.
- 1996 14.131 Addressing the interests and learning styles of participants in field trips to national parks [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 28(7): A-82 to A-83.

Manning, Robert E.

- 1986 14.132 *Studies in outdoor recreation : search and research for satisfaction.* Corvallis, Oregon: Oregon State University Press.
- 1999 14.664 Crowding and carrying capacity in outdoor recreation: From normative standards to standards of quality. *In: Jackson, Edgar Lionel, and Burton, Thomas L. (eds.), Leisure studies : prospects for the twenty-first century.* State College, Pennsylvania: Venture Publishing, pp. 323-334.
- 2001 14.661 Visitor experience and resource protection: A framework for managing the carrying capacity of national parks. *Journal of Park and Recreation Administration*, 19(1) (Spring): 93-108.
- 2001 14.1527 Carrying capacity as "informed judgment": The values of science and the science of values. *In: Freimund, Wayne A., and Cole, David N. (compilers), Visitor use Density and Wilderness Experience: proceedings, Missoula, Montana, June 1-3, 2000.* U.S.

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Forest Service, Rocky Mountain Research Station, Proceedings, RMRS-P-20, pp. 21-28
[Includes Grand Canyon trails.]

Manning, Robert E., AND Anderson, Laura E.

- 2012 14.1860 Managing outdoor recreation: Case studies in the national parks. *In*: Fredman, Peter, Stenseke, Marie, Liljendahl, Hanna, Mossing, Anders, and Laven, Daniel (eds.), *The 6th International Conference on Monitoring and Management of Visitors in Recreational and Protected Areas : Outdoor Recreation in Change—Current Knowledge and Future Challenges : Stockholm, Sweden, August 21-24, 2012 : proceedings*. [No imprint], pp. 232-233. [Case studies include issues pertaining to management on the Colorado River in Grand Canyon.]

Manning, Robert E.; Lawson, Steven R.; Newman, Peter; Hallo, Jeffrey; AND Monz, Christopher

- 2014 14.1496 Principles of sustainable transportation in the national parks. *The George Wright Forum*, 31(3): 345-358. [Grand Canyon National Park, see p. 350.]

Manning, Robert E.; Lawson, Steven R.; AND Valliere, William

- 2009 14.665 Multiple manifestations of crowding in outdoor recreation: A study of the relative importance of crowding-related indicators using indifference curves. *Leisure/Loisir*, 33(2): 637-658.

Manning, Robert E.; Valliere, William A.; Lawson, Steven R.; Wang, Benjamin; AND Newman, Peter

- 2000 14.785 Theoretical and methodological issues in measuring crowding norms in outdoor recreation [ABSTRACT]. *In*: Burdge, Rabel, Miles, John, Alper, Donald, and Kruger, Linda (Steering Committee), *Transcending Boundaries : Natural Resource Management from Summit to Sea. Book of abstracts. 8th International Symposium on Society and Resource Management, June 17-21, 2000, Bellingham, Washington, USA*. Portland, Oregon: U.S. Forest Service, Pacific Northwest Research Station, General Technical Report PNW-GTR-497, pp. 197-198. [Notes that study data included visitor surveys conducted at Grand Canyon National Park (no further park-specific information here).]

Marchi, Kátia Bortolotti, AND Mezzadri, Fernando Marinho

- 2003 14.1595 História da canoagem e do rafting. *In*: *XXII Simpósio Nacional de História : História, acontecimento e narrativa : Caderno de Programação e Resumos*. João Pessoa, Paraíba, Brasil: Associação Nacional de História, 7 pp. [Three notes of pertinence: "O Rafting foi descoberto em 1869, quando John Wesley Powel [sic] organizou a primeira expedição no rio Colorado, EUA, em barcos com remo central. No começo, os aventureiros não possuíam nenhuma técnica para manobrar rígidos barcos nas corredeiras, e tiveram problemas de capotamento e choques com pedras." (p. 3) "Em 1896, Nataniel [sic] Galloway revolucionou as técnicas de rafting colocando o assento do bote virado para frente e encarando as corredeiras." (p. 4) "Em 1909, foi realizada a primeira viagem de rafting com finalidade comercial, pela Juliu's [sic] Stone's Grand Canyon." (p. 4) (ENTIRE NOTES)] [In Portuguese.]

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Marin, Lelaina; Shurna, David; Smiley, Shannon; Leumas, Cecilia; AND Warner, Katherine

- 2011 14.1096 Connecting students with soundscape through educational travel [ABSTRACT]. *In: Rethinking Protected Areas in a Changing World : The George Wright Society Conference on Parks, Protected Areas and Cultural Sites, March 14-18, 2011, New Orleans, Louisiana : abstracts.* [No place]: George Wright Society, pp. 110-111. [Includes Grand Canyon.]

Marintsch, Edward

- 2022 14.1732 Virtual geology field trips: Brining the story of rock outcrops to today's classroom [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 54(5): abstract 239-1, <https://doi.org/10.1130/abs/2022AM-376562>.

Mark, Stephen R.

- 2005 14.1810 *Preserving the living past: John C. Merriam's legacy in the state and national parks.* Berkeley and Los Angeles: University of California Press.

Markey, John

- 2017 14.1282 The walk. *Boatman's Quarterly Review*, 30(2) (Summer): 27-28. [Personal reflections on suicide and addiction; in the frame of The Whale Foundation.]

Markle, Sandra

- 1983 14.133 The Grand Canyon and other holes in the ground. *In: Natural Wonder Notebook [FEATURE]. Instructor*, 92(9) (May): 48-51. [Teacher's guide; 5th of 5 monthly installments of feature.]

Marley, Bob

- 2006 14.461 [Comment.] *In: "Hey! Where are you camping tonight?" The Waiting List (Grand Canyon Private Boaters Association), 7(4) (Winter): 56.*

Marlow, Michael P.

- 2007 14.1211 Using experiential learning opportunities in the national parks to inform science classroom practice. *In: Weber, Samantha, and Harmon, David (eds.), Rethinking Protected Areas in a Changing world: proceedings of the 2007 GWS Biennial Conference on Parks, Protected Areas, and Cultural Sites.* Hancock, Michigan: The George Wright Society, pp. 219-224. [Grand Canyon, see p. 222.]

Marlow, Michael P.; Nash, Bruce; Marzetta, Katrina Leona; AND Silvaggio, Allison M.

- 2013 14.1099 Using the national parks in teacher professional development and classroom activities [ABSTRACT]. *GWS2013 : Protected Areas in a Changing World, Denver, Colorado, March 11-15, 2013.* [No place]: George Wright Society, abstract 5089. [Case studies include Grand Canyon National Park.]

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GRAND CANYON–LAKE MEAD REGION

Marshall, Anita, AND Thatcher, Sean

- 2020 14.1505 Creating spaces for geoscientists with disabilities to thrive. *Eos* (American Geophysical Union), 101(2) (February): 13-15. [See p. 13, photo, "Participants in an accessible geology field trip with the International Association for Geoscience Diversity in 2016 look over the South Rim of the Grand Canyon in Arizona."]

Martin, Carol A.

- 1980 14.880 YACC covers Arizona. *Courier* (U.S. National Park Service), 3(11) (October): 15. [Young Adult Conservation Corps. Includes: "Grand Canyon enrollees, who live in trailers in a residential camp, are completing substantial renovations to buildings in the Inner Canyon as well as performing as interpreters and on back country patrol and trail crews." (ENTIRE NOTE)]

Martin, Richard ("Ricardo")

- 1997 14.134 Boomboxes . . . what do you think? *The Waiting List* (Grand Canyon Private Boaters Association), (July): 8. [Ellipsis is part of title.]
- 1998 14.135 How big is the business? Who cares? *The Waiting List* (Grand Canyon Private Boaters Association), 2(4) (November): 10-12. [River concessions.]

Martin, Robyn S.

- 2013 14.1822 Mapping a semester: Using cultural mapping in an honors humanities course. *Honors in Practice*, 9: 69-72. [Northern Arizona University, Grand Canyon Semester, "Writing the Canyon" course.]
- 2013 14.806 Northern Arizona University's Grand Canyon Semester—Newest stewards for the Grand Canyon region. *Boatman's Quarterly Review*, 26(1) (Spring): 12-13.

Martin, Stephen P.

- 2010 14.638 The Grand Canyon, USA: the experience of managing a world-class geotourism destination. *In*: Dowling, Ross K., and Newsome, David (eds.), *Global geotourism perspectives*. Woodeaton, Oxford, England: Goodfellow Publishers, Ltd., pp. 167-178.

Martin, Tom [Martin, Thomas C.]

- 1998 14.136 Still waters do run deep [response to a comment by "MS" about "Canyon manners!" by Doug Ross]. *In*: Flipped Out [LETTERS SECTION]. *The Waiting List* (Grand Canyon Private Boaters Association), 2(4) (November): 26-27.
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Martin, William; Bollman, Frank H.; AND Gum, Russel L.

1982 14.1309 Economic value of Lake Mead fishing. *Fisheries* (American Fisheries Society) 7(6): 20-24.

Martín Baró, Alberto

2007 14.607 (ED.) *Informe PISA 2006 : competencias científicas para el mundo del mañana*. [No place]: Organización Para la Cooperación y el Desarrollo Económico, Programa para la Evaluación Internacional de Alumnos, [Spanish ed.], 397 [399] pp. [Grand Canyon, pp. 97-99.] [In Spanish.] [NOTE: Translation from English original (not seen), "PISA 2006, Science Competencies for Tomorrow's World", 2 volumes. Also a French translation (not seen), "PISA 2006, Les Compétences Scientifiques, un Atout Pour Demain", 2 volumes.]

Martinez, Omar

2018 14.1376 Staying in the current. *Boatman's Quarterly Review*, 31(4) (Winter 2018-2019): 21-22. [Whale Foundation's Kenton Grua Memorial Scholarship recipients Weston McCue, Meredith Dahle, Owen Ludwig, Riley Weathers, and Chelsea Taylor.]

2020 14.1564 A tale of two pandemics. *In: QuaranZine* [FEATURE]. *Boatman's Quarterly Review*, 33(2) (Spring [sic, Summer]): 57. ["The Grand Canyon Relief Coalition developed the *QuaranZine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with." (From Margeaux Bestard's introductory note to *QuaranZine*.)]

Marvin, Jenna

2007 14.597 Teacher discovers Glen Canyon National Recreation Area. *Teacher's Notes* (U.S. National Park Service), Edition 1 2007-08: 3. [Mostly about author's work at Lees Ferry.]

Masuda, Yukako [増田 由香子]

2018 14.1638 ノンパーソナルインタープリテーションの可能性～アメリカ国立公園ブックストアの事例～ [Nonpāsonaru intāpuritēshon no kanōsei ~ Amerika kokuritsu kōen bukkusutoa no jirei ~] [Possibilities for non-personal interpretation—The case of an American national park bookstore] [ABSTRACT]. *In: インタープリターズフォーラム 2018 「実践×研究＝パワフル・インタープリテーション！」* [Intāpuritāzufōramu 2018 'jissen × kenkyū = pawafuru intāpuritēshon!'] [Interpreters Forum 2018 "Practice × Research = Powerful Interpreters!"]. [No place]: 一般社団法人 日本インタープリテーション協会 / "Association for Interpretation Japan" (Japan Interpretation Association), 2 pp. [Venue: キープ協会 清泉寮自然学校, 清泉寮, 北杜市, 山梨県 (KEEP Association Seisen-ryo Nature School, Seisen-ryo, Hokuto City, Yamanashi Prefecture). KEEP: Kiyosato Educational Experiment Project (清里教育実験計画).] [Case study is the Grand Canyon Association bookstore at Grand Canyon National Park.] [In Japanese.]

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Mathai, C. V.

- 1996 14.137 Potential impacts of the Grand Canyon Visibility Commission’s recommendations on the electric utility industry [ABSTRACT]. *Air and Waste Management Association, Annual Meeting, Nashville, Tennessee.*

Mathis, Allyson; Lillie, Robert J.; AND Semken, Steve

- 2013 14.1107 Sharing geology with the public in Arizona’s “Route 66 country” using interpretive and place-based educational techniques. *In*: Zeigler, Kate, Timmons, J. Michael, Timmons, Stacy, and Semken, Steve, *Geology of Route 66 region: Flagstaff to Grants*. Socorro, New Mexico: New Mexico Geological Society, pp. 20-23. (New Mexico Geological Society, 64th Annual Field Conference Guidebook.) [Includes Grand Canyon.]

Matos, Ana Luísa

- 2017 14.1248 *Terrestrial astrotourism—motivation and satisfaction of travelling to watch the night sky*. Master’s thesis, Aalborg University (Aalborg Universitet), 194 pp. [See “Parks and Reserves”, p. 20, which notes the International Dark-Sky Association and illustrates the “Dark Sky Park in Grand Canyon, USA” (i.e., Grand Canyon-Parashant National Monument).]

Mayer, Elizabeth Lloyd

- 2001 14.483 On “telepathic dreams?”: an unpublished paper by Robert J. Stoller. *American Psychoanalytic Association, Journal*, 49(2): 629-657. [Grand Canyon, *in passing*.]

Mayer, Paul S.; Bowman, Carl B.; Heywood, J. R.; Seeley, Ellen C.; AND Mathis, Allyson C.

- 2007 14.497 Yavapai Observation Station: New geology exhibits in Grand Canyon National Park [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 39(6): 460.

Mazor, Joseph

- 2022 14.1742 On environmental justice, Part I: an intuitive conservation dilemma. *Economics and Philosophy*, 2022: doi:10.1017/S026626712200019, 26 pp. [Centers on “an intuitive conservation dilemma called the Canyon Dilemma”, specifically about environmental justice in Grand Canyon mining. A theoretical exercise.]
- 2022 14.1743 On environmental justice, Part II: non-absolute equal division of rights to the natural world. *Economics and Philosophy*, 2022: doi:10.1017/S026626712200050, 29 pp. [Centers on “whether any interpretation of the idea of equal claims to the natural world can resolve the Canyon Dilemma (i.e. can justify protecting the Grand Canyon but not a small canyon from mining by a poor generation)”. A theoretical exercise.]

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McAdamis, Eric

- 2009 14.596 Did God break the Sabbath? Astrosociology and Christian fundamentalism in the United States. *In*: Robertson, Glen A. (ed.), *Space, Propulsion and Energy Sciences International forum, SPESIF-2009 : 13th Conference on Thermophysics Applications in Microgravity : Symposium on Astrosociology : Workshop on Future Energy Sources : Workshop on High Frequency Gravitational Waves : Workshop on Future Directions in Space Sciences and Technology : Huntsville, Alabama, 24-26 February 2009*. Melville, New York: American Institute of Physics, pp. 384-392. (*AIP Conference Proceedings*, 1103.) [See p. 387, brief discussion of controversy surrounding sales of Vail's *Grand Canyon: A Different View* at Grand Canyon National Park.]
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McCauley, Douglas J.

- 2017 14.1493 Digital nature: Are field trips a thing of the past? Expand the reach of science education using games and simulations, but choose tools wisely. *Science*, 358(6361) (October 20): 298-300. [Grand Canyon noted, pp. 299, 300.]
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McCloskey, Shannon; Heins, Kirstin; Divine, Aaron; Tighe, Maddie; AND Reese, Dean

- 2008 14.509 CRMP visitor experience monitoring update. *Boatman's Quarterly Review*, 21(3) (Fall): 18. [Colorado River Management Plan.]
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McClurg, Sue; Hawes, Taylor; Mackey, Craig; Billerbeck, Rob; Ostapuk, Paul; AND Rice, Matt

- 2014 14.1617 The Value of Recreation [PANEL]. (Taylor Hawes, moderator.) *In*: *Colorado River Symposium : An Era of New Partnerships on the Colorado River*. Sacramento, California: Water Education Foundation, pp. 64-79. [Panelists are listed in the order in which they first speak; their remarks interject thereafter.] [Volume information: Sue McClurg, ed.; transcript by Gateway Secretarial Services. Cover title: *September 18-20, 2013 : Colorado River Project : symposium proceedings : a project of the Water Education Foundation*. Spine title: *Colorado River Project Symposium : 2013*.]
-

McConnell, David A.; Wegmann, Karl W.; Brewer, Chester; Wiggen, Jennifer; Jones, Jason P.; AND Atkins, Rachel M.

- 2018 14.1344 Lessons learned from the first year of a GEOPATHS project: What worked, what will change [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 50(6): doi:10.1130/abs/2018AM-322948. [Engaging high school students in pursuing undergraduate work in the geosciences. Program included "[a] two-week Colorado River GeoJourney" that travelled from Denver to Las Vegas.]
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McCool, Stephen F., AND Cole, David N.

- 2001 14.322 Thinking and acting regionally: Toward better decisions about appropriate conditions, standards, and restrictions on recreation use. *The George Wright Forum*, 18(3): 85-98.
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McCormac, Patty

- | | | |
|------|---------|--|
| 2009 | 14.1065 | River companies adjusting to economic times. <i>Flagstaff Business News</i> (Flagstaff, Arizona), 2(2) (February): 1, 7. |
| 2014 | 14.993 | Shake up at Grand Canyon causing uncertainty; long-term workers concerned about jobs, housing. <i>Flagstaff Business News</i> (Flagstaff, Arizona), 7(11) (November): 1, 41. [Xanterra concession contract.] |
| 2016 | 14.1114 | Grand Canyon woman teaches backpacking skills; Denise Traver shares her love for solitude, desert. <i>In: Community Profile [SECTION]. Flagstaff Business News</i> (Flagstaff, Arizona), 5(9) (May): 10, 39. [Grand Canyon Field Institute.] |
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McCoy, Michael

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| 1998 | 14.138 | [Comments on "A matter of faith", by Tom Vail.] <i>Boatman's Quarterly Review</i> , 11(2) (Spring): 3. [See also reply by Vail, p. 4.] |
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McDavitt, Neva

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| 1944 | 14.592 | Map pre-tests—devices to discover the ability of pupils to interpret maps. <i>Illinois Bulletin of Geography</i> (Illinois Chapter of the National Council of Geography Teachers, Illinois State Normal University), 7(1) (October): 1-3. |
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McDonald, Cary, AND Stewart, William

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| 2006 | 14.843 | <i>Grand Canyon National Park mule rider and Phantom Ranch visitor study</i> . Champaign, Illinois: University of Illinois at Urbana-Champaign, Department of Recreation, Sport and Tourism, Park Planning and Policy Lab, 52 pp. |
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McDonald, Hugh; Bahram, Sina; AND Spadaccini, Jim

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| NO DATE | 14.1378 | <i>Embracing inclusive design in multitouch exhibit development</i> . Corrales, New Mexico: Ideum, 7 pp. [2018.] [An overview document, pertaining to multi-user audio-visual exhibit touchscreen panels with functions that also consider "audiences with sensory, motor, or cognitive impairments". See pp. 5-6, which notes in part a "new suite of exhibits developed for the Visitor Center at Hoover Dam".] |
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McEnroe, Tess

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| 2020 | 14.1511 | Turning dreams into reality. <i>Boatman's Quarterly Review</i> , 33(1) (Spring): 11. [Note of thanks for having been awarded a Kenton Grua Memorial Scholarship towards her Master's degree in Environmental Education at the University of Minnesota at Duluth.] |
| 2020 | 14.1537 | River jail. <i>In: QuaranZine [FEATURE]. Boatman's Quarterly Review</i> , 33(2) (Spring [sic, Summer]): 28. ["The Grand Canyon Relief Coalition developed the <i>QuaranZine</i> to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with." (From Margeaux Bestard's introductory note to <i>QuaranZine</i> .)] |

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McGuirk, Elizabeth

- 2017 14.1281 Feeling feelings about guiding at the start of a long river season. *Boatman's Quarterly Review*, 30(2) (Summer): 16-17. [Written as a new member of the board of The Whale Foundation.]

McHugh, Kate

- 2016 14.1091 Lending a hand: Members give their time to Grand Canyon National Park. *In: National Park Service interns; inspiring our next generation. Canyon Views* (Grand Canyon Association), 23(1) (February): 15.

McIntyre, Eathan

- 2012 14.900 Grand Canyon-Parashant NM. *Inside Earth* (U.S. National Park Service, Cave and Karst Programs), 15(2) (Fall): 11-12. [Cave Exhibit prepared as part of educational programs regarding Grand Canyon-Parashant National Monument resources.]

McKay, Tracey M.

- 2014 14.1250 Locating South Africa within the global adventure tourism industry: the case of bungee jumping. *Bulletin of Geography, Socio-economic Series* (Nicolaus Copernicus University [Wydawnictwo Naukowe Uniwersytetu Mikołaja Kopernika, Toruń]), (24): 161-176. [Comparative data include Navajo Bridge, Arizona; see table and graph (pp. 167, 168). *NOTE*: "Colorado River" herein pertains to Río Colorado, Costa Rica.]

McKinnon, Shaun

- 2016 14.1112 23 wounded vets, 3 rafts and canyon trip of a lifetime. *Grand Canyon River Runner*, (19) (Spring): 6-9. ("First published in *the Arizona Republic*, August 31, 2015.") [Wounded Warriors trip through Grand Canyon.]

McNamee, Brittani D., AND Bogert, Kenneth

- 2018 14.1342 Gaining perspective with Google Earth Virtual Reality in an introduction-level physical geology course [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 50(6): doi:10.1130/abs/2018AM-321128. [Includes Grand Canyon.]

McNichols, Lucy

- 2014 14.1066 PC women see need for gender and sexual empowerment, create community solutions. *Transitions* (Prescott College), (Fall): 13. ("This story was originally written for and printed in *The Raven Review*, a student publication of the Newspaper Journalism Practicum course at Prescott College.") [Includes photo, "Amber Harrington with WEB [Women's Empowerment Breakthrough] teens at the Grand Canyon."]

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McRae, Noel

- 1993 14.912 Trail user etiquette. What are the rules for “correct” mountain manners? *The Backcountry Llama* (Kelso, Washington), 7(1) (February): 6-8. [See p. 7, reference to the principle that “all users will defer to stock”, but also etiquette for bridge crossings, yielding to those already on the bridge. “My wife was exhausted and mostly across the bridge at the bottom of the Grand Canyon when a horse packer entered and forced her to turn around and go back and squeeze against the trail wall to allow his pack stock past.” (ENTIRE NOTE)]

McSweeney, Alice M.

- 2013 14.1287 Recreation use on federal lands in southern Nevada. *In*: Chambers, Jeanne C., Brooks, Matthew L., Pendleton, Burton K., and Raish, Carol B. (eds.), *The Southern Nevada Agency Partnership science and research synthesis: Science to support land management in southern Nevada. U.S. Forest Service, Rocky Mountain Research Station, General Technical Report RMRS-GTR-303*, pp. 185-200.

Mebane, Al

- 1974 14.872 A.I.N. at Grand Canyon. *In*: *On the Outside* [SECTION]. *In Touch* (U.S. National Park Service, Division of Interpretation), 1(4) (October): 8. [Association of Interpretive Naturalists workshop at Albright Training Center.]

Meitner, Michael J.

- 2004 14.388 Scenic beauty of river views in the Grand Canyon: Relating perceptual judgments to locations. *Landscape and Urban Planning*, 68(1) (May 15): 3-13.

Melton, Jeffrey Alan

- 2002 14.1585 *Mark Twain, travel books, and tourism : the tide of a great popular movement*. Tuscaloosa (Alabama) and London: University of Alabama Press, 200 [201] pp. [Remarks relating to Grand Canyon, see pp. 8-10, 12.]

Mendelsohn, Robert; Hof, John; Peterson, George; AND Johnson, Reed

- 1992 14.423 Measuring recreation values with multiple destination trips. *American Journal of Agricultural Economics*, 74(4) (November): 926-933.

Merigliano, Linda

- 1987 14.139 *The identification and evaluation of indicators to monitor wilderness conditions*. Master’s thesis, University of Idaho.
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Merriam, John C.

- 1927 14.140 Inspiration and education in national parks. *National Parks Bulletin*, 9(53) (July): 3-5.
- 1929 14.141 Reports on studies of educational problems in national parks. *In: Individual reports of members of the Committee on Educational Problems in National Parks*. Washington, D.C.: [no imprint], pp. 17-23, 25-29.
≡ CROSS-LISTINGS |CITED» GCNHA Monograph 8: page 7-9 to 7-10|
- 1929 14.142 Natural phenomena as a source of inspiration in education. (Address before annual meeting of American Council on Education, Washington, May 3, 1929.) *Educational Record*, 10: 272-276.
- 1930 14.143 Plans for educational work of a philosophical character at Yavapai Point, Grand Canyon, Arizona [ABSTRACT]. *Geological Society of America, Bulletin*, 41: 105.
≡ CROSS-LISTINGS |CITED» GCNHA Monograph 2: page 101| |CITED» GCNHA Monograph 8: page 7-10|
- 1932 14.144 Educational values of recreation. *Educational Record*, 13(4): 253-256.
- 1936 14.145 Wilderness as a teacher, preacher, and companion: A study of the contribution made by a great National Park [ABSTRACT]. *Pan-American Geologist*, 5: 372-373.
≡ CROSS-LISTINGS |CITED» GCNHA Monograph 2: page 119| |CITED» GCNHA Monograph 8: page 12-9|
- 1938 14.146 Inspiration and education in national parks. *In: Published papers and addresses of John Campbell Merriam, Volume 4. Carnegie Institution of Washington, Publication 500*, pp. 2172-2176. [Reprint of Merriam (1927).]
- 1938 14.147 Natural phenomena as a source of inspiration in education. *In: Published papers and address of John Campbell Merriam, Volume 4. Carnegie Institution of Washington, Publication 500*, pp. 2186-2190. [Reprint of Merriam (1929).]
- 1938 14.148 Plans for educational work of a philosophical character at Yavapai Point, Grand Canyon, Arizona. *In: Published papers and addresses of John Campbell Merriam, Volume 4: Carnegie Institution of Washington, Publication 500*, p. 2191. [Reprint of Merriam (1930).]
≡ CROSS-LISTINGS |CITED» GCNHA Monograph 8: page 7-10|
- 1938 14.149 Reports on studies of educational problems in national parks. *In: Published papers and addresses of John Campbell Merriam, Volume 4: Carnegie Institution of Washington, Publication 500*, pp. 2192-2222. [See pp. 2198-2211.] [Reprint of Merriam (1929).]
≡ CROSS-LISTINGS |CITED» GCNHA Monograph 8: page 7-9 to 7-10|
- 1938 14.150 Educational values of recreation. *In: Published papers and addresses of John Campbell Merriam, Volume 4. Carnegie Institution of Washington, Publication 500*, pp. 2244-2247. [Reprint of Merriam (1932).]
- 1939 14.1762 Influence of science upon appreciation of nature. *National Parks Bulletin*, 14(67) (November): 5-8. [Grand Canyon, see pp. 7-8.]

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Metcalfe, Anya N.

- 2020 14.1535 [Cartoon.] *In: QuaranZine* [FEATURE]. *Boatman's Quarterly Review*, 33(2) (Spring [sic, Summer]): 22. ["The Grand Canyon Relief Coalition developed the *QuaranZine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with." (From Margeaux Bestard's introductory note to *QuaranZine*.)]
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Meyersohn, Rolf

- 1969 14.151 The sociology of leisure in the United States: Introduction and bibliography, 1945-1965. *Journal of Leisure Research*, 1: 53-68.
≡ [CROSS-LISTINGS](#) | [CITED» GCNHA Monograph 8: page 12-22](#)
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Michaelegko, Lesley F., AND Welch, Eric

- 2022 14.1814 Collaborative goal setting and strategy development: building foundations for effective science communication for the USGS Grand Canyon uranium mining project [ABSTRACT]. *In: 16th Biennial Conference of Science and Management for the Colorado Plateau and Southwest Region, September 12-15, 2022, High Country Conference Center, Northern Arizona University, Flagstaff, Arizona*, pp. 121-122.
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Middendorf, John

- 2000 14.1843 Grand Canyon Youth website. *Boatman's Quarterly Review*, 13(1) (Winter): 44.
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Mikulčić, Tea

- 2014 14.1588 *Tourism as important branch of American economy*. Final Thesis, Polytechnic of Međimurje in Čakovec, Croatia, Professional Study in Management of Tourism and Sport, 49 pp. [Under "The Most Important Tourist Destinations", see section 5.1.2, "National park Grand Canyon, Arizona" (sic) (pp. 22-23).] [Međimursko veleučilište u Čakovcu / Međimurje Polytechnic in Čakovec.] [In English.]
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Miller, David

- 1986 14.1770 Canyon crash. *In: Feedback* [SECTION]. *National Parks*, 60(9/10) (September/October): 8. [Notes the recent collision of aircraft over Grand Canyon as "inevitable"; notes from a hike in the canyon, ". . . the quiet was shattered by aircraft noise. We counted 15 aircraft in one hour."]
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Miller, David P.

- 1998 14.585 Assistive robotics: An overview. *In: Mittal, Vibhu O., Yanco, Holly A., Aronis, John, and Simpson, Richard (eds.), Assistive technology and artificial intelligence : applications in robotics, user interfaces and natural language processing*. Berlin, Heidelberg, New York, etc.: Springer Verlag, pp. 126-136. (Lecture Notes in

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Computer Science. Subseries *Artificial Intelligence*, 1458.) [Grand Canyon, *in passing*.]

Miller, Eric

2013 14.947 The Grand Canyon: The real work begins once permit is in hand. *American Whitewater*, (July/August): 26-28.

Miller, Karla

2004 14.385 River widow. *Boatman's Quarterly Review*, 17(4) (Winter 2004-2005): 9.

Miller, Martin

1997 14.1773 Scents and sensibility. *In*: Letters [SECTION]. *National Parks*, 71(5/6) (May/June): 10. [Discouraged remarks on the scents of "fresh and stale urine" from mules during a hike on North Kaibab Trail.]

Miller, Nicholas P.

1999 14.560 The effects of aircraft overflights on visitors to U.S. national parks. *Noise Control Engineering Journal*, 47(3) (May): 112-117.

Mills, Carter

2020 14.1538 [Brief wondering what it is like on the Colorado River in Grand Canyon without people.] *In*: *QuaranZine* [FEATURE]. *Boatman's Quarterly Review*, 33(2) (Spring [*sic*, Summer]): 28. ["The Grand Canyon Relief Coalition developed the *QuaranZine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with." (From Margeaux Bestard's introductory note to *QuaranZine*.)]

Minor, Charlotte

2008 14.907 *Kaibab National Forest : social and economic sustainability report*. [No place]: U.S. Forest Service, Southwestern Region, 85 pp.

Mirilović, Ilija [Мириловић, Илија]

2015 14.1525 *Туристичке потребе као одредница туристичке понуде и туристичке тражње* [Turističke potrebe kao odrednica turističke ponude i turističke tražnje]. *Tourist needs as determinant of tourism supply and demand*. Master's thesis, Универзитет у Нишу [Univerzitet u Nišu] [University of Niš, Serbia], 84 pp. [See in section 8, "Доживљаји обичних људи на туристичким путовањима" [Doživljaji običnih ljudi na turističkim putovanjima] [Experiences of ordinary people on tourist trips]; specifically (p. 74), "Осећање дивљења и узвишености обузима младог америчког службеника приликом обиласка великог кањона. [¶] »Када сам посетио Велики кањон био сам

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обузет осећањем дивљења пред величанственошћу призора.Т ек тада сам у свести имао праву слику кањона о којем сам толико читао у бројним књигама као дете. Осећање узвишености ме је обузело док сам стајао у свитање на ивици Кањона«” [A feeling of admiration and sublimity overwhelms the young American official while touring the Grand Canyon. [¶] “When I visited the Grand Canyon, I was overwhelmed with a sense of admiration at the majesty of the scene. It was only then that I had in my mind the true picture of the canyon that I had read so much about in numerous books as a child. A sense of sublimity overcame me as I stood at dawn on the edge of the Canyon.”] (ENTIRE NOTE)] [In Serbian, with bilingual title.]

Mirsky, Zina, AND Graham-Clark, Charlotte

2017 14.1293 Grand Canyon Association Field Institute: Offering a true insider’s view of the canyon. *Canyon Views* (Grand Canyon Association), 24(3) (October): 6-7. [Interview with frequent participants Mirsky and Graham-Clark.] [Grand Canyon Institute.]

Moellendorf, Darrel

2017 14.1695 Progress, destruction, and the Anthropocene. *Social Philosophy and Policy*, 34(2) (December): 66-88. [Grand Canyon, see pp. 78, 79, 80-81, 83.]

Moeschler, Emily

2005 14.401 River Rampage. *Boatman’s Quarterly Review*, 18(3) (Fall): 19. [River Rampage program, San Juan River; Moeschler’s new association with Grand Canyon Youth.]

Moody, Tom

1990 14.152 On professionalism . . . *Grand Canyon River Guides* [newsletter], 3(4) (October): 1. [Ellipsis is part of title.]

1991 14.153 A postscript on congestion: an idea. *The News* (Grand Canyon River Guides), 4(4) (Fall): 13.

Moore, Randy

2020 14.1512 What I learned about Grand Canyon at Creation museums. *The Ol’ Pioneer* (Grand Canyon Historical Society), 31(2) (Spring): 3-5. [Non-supportive.]

Moosavi, Sadredin Cyrus

2018 14.1343 Building a sustainable professional development system for geoscience educators: It takes a village—the GSA GeoTeachers program [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 50(6): doi:10.1130/abs/2018AM-323922. [Includes note of Grand Canyon.]

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Mooz, William E. [Mooz, Bill]

- 2007 14.468 From a letter to GCRG, dated April 20, 2007. *In*: Dear Eddy [SECTION]. *Boatman's Quarterly Review*, 20(2) (Summer): 4. [See also reply by Lynn Hamilton, pp. 4-5, with an editorial note, p. 5.] [River courtesy. Grand Canyon River Guides.]
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Morgan, James N.

- 1986 14.434 The impact of travel costs on visits to U.S. national parks: Intermodal shifting among Grand Canyon visitors. *Journal of Travel Research*, 24(3): 23-28.
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Mori, Kiyonari; Minamino, Takeshi; Sakaue, Hiroaki; Yoshimizu, Hiroya; Yasunaga, Torakichi; Ishii, Teruyuki; AND Mastuoka, Mana [森清成; 南埜猛; 阪上弘彬; 吉水裕也; 安永虎吉; 石井瑛之; 松岡茉奈]

- 2019 14.1489 流域を事例とした ESD 授業プランの提案 [Ryūiki o jirei to shita ESD jugyō puran no teian]. A proposal of lesson plan on Education for Sustainable Development based on watershed concept. 兵庫教育大学 研究紀要 [Hyōgokyōikudaigaku kenkyū kiyō] [*Hyogo University of Education, Bulletin*], 55 (September): 153-164. [See section 2, “「Discover a Watershed」 と学習対象地域の検討” [“Disukabā a Watershed” to gakushū taishō chiiki no kentō] [“Discover a Watershed” and study of study area] (pp. 154-159), which relates to the (American) Project WET's (Water Education for Teachers) “Discover a Watershed” series. (Refer in this bibliography to pertinent citations under Project WET.)] [In Japanese, with bilingual item title.]
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Morie, J. F.; Haynes, E.; AND Chance, E.

- 2010 14.967 Warriors' journey: A path to healing through narrative exploration. *In*: Sharkey, P. M. (ed.), *Proceedings of the 8th International Conference on Disability, Virtual Reality, and Associated Technologies, Viña del Mar, Valparaiso, Chile, 31 Aug.-2 Sept. 2010*. Reading, Berkshire, United Kingdom: International Conference on Disability, Virtual Reality, and Associated Technologies, University of Reading. [Implements a Cheyenne Dog Warrior story line, in which is included “a tower inspired by the designs of Mary Colter”, which is not identified but from its description and illustration is the Desert View Watchtower, Grand Canyon.]
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Moseley, Cassandra, AND KenCairn, Brett

- 2001 14.714 Problem solving or social change? The Applegate and Grand Canyon Forest Partnerships. *In*: Vance, Regina K., Edminster, Carleton B., Covington, W. Wallace, and Blake, Julie A. (compilers), *Ponderosa pine ecosystems restoration and conservation: steps toward stewardship; conference proceedings; Flagstaff, AZ, April 25-27, 2000. U.S. Forest Service, Rocky Mountain Research Station, Proceedings RMRS-P-22*, pp. 121-129.
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Mott, Emily

- 2016 14.1204 Mind the gap: How to promote racial diversity among national park visitors. *Vermont Journal of Environmental Law*, 17: 443-469. [Grand Canyon, see p. 452.]

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Mount, Andrew T.

- 2008 14.489 *Differences between day users and overnight users in southwestern wildland recreation environments.* Master's thesis, Northern Arizona University, 139 pp. [Paria Canyon Primitive Area, Arizona-Utah.]

Moutinho, Luiz, AND Trimble, John

- 1991 14.352 A probability of revisitation model: The case of winter visits to the Grand Canyon. *Service Industries Journal*, 11(4) (October): 439-457.

Moysey, Stephen M.; Lazar, Kelly; Boyer, D. Matthew; Mobley, Catherine; AND Sellers, Victoria

- 2016 14.1630 Earth surface modeling for education: How effective is it? Latest classroom tests with Web-based Interactive Landform Simulation Model-Grand Canyon (WILSIM-GC) [ABSTRACT]. *American Geophysical Union, 2016 Fall Meeting, San Francisco, California, 12-16 December*, Abstract ED13C-0943.

Mueller, Julie M.; Lima, Ryan E.; AND Springer, Abraham E.

- 2017 14.1179 Can environmental attributes influence protected area designation? A case study valuing preferences for springs in Grand Canyon National Park. *Land Use Policy*, 63: 196-205. ["Willingness to pay" issues.]

Mueller, Julie M.; Springer, Abraham E.; AND Lima, Ryan E.

- 2017 14.1306 Can environmental attributes influence protected area designation? A case study valuing preferences for springs in Grand Canyon National Park [ABSTRACT]. *In: Proceedings of the 2017 UCOWR/NIWR Annual Conference : "Water in a Changing Environment" : June 13-15, 2017, Colorado State University, Fort Collins, CO*, p. 39. ["Willingness to pay" issues.] [Universities Council on Water Resources. The National Institutes for Water Resources.]

Muñoz, Fernando

- 2009 14.1426 Opening of school year begins with making waves. *Lone Star* (Texas School for the Deaf, Journal) (Austin, Texas), 130(3/4) (Summer/Fall): cover, 9. [Students put on show for staff about "a journey down the Colorado River through the Grand Canyon"; and topics for related highlights of the school year.]

Munsch, Mareike

- 2017 14.1273 *Konzeption und Evaluation eines Ausstellungsbereiches zum Thema "Evolutionäre Mechanismen".* Doctoral dissertation, Rheinischen Friedrich-Wilhelms-Universität zu Bonn, 227 pp. [See pp. 29, 33; regarding an exhibit demonstrating the Grand Canyon as a division line between some animal species.] [In German.]
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Munsell, JulieAnn

- 1995 14.1006 *Powell's journey: Canyon as teacher : a model for experiential education. A report presented in Educational Leadership 694 (1), Alternate Plan Paper.* Master's thesis, Mankato State University, Mankato, Minnesota, 118 pp.

Munson, Joanne

- 2005 14.1325 Grand Canyon: A river rafting trip. On a journey through the Grand Canyon, students practice finding elevations on a topographical map and determine measures of central tendency. *Social Studies and the Young Learner*, 18(2): 30-32, inside back cover.

Murphy, Shane

- 1993 14.154 River sociology. *The News (Grand Canyon River Guides)*, 6(4) (Fall): 17-18.
1994 14.155 See ya! *The News (Grand Canyon River Guides)*, 7(1) (Winter 1993/1994): 4.

Mussen, Lenore

- 1967 14.156 Teaching creative writing to emotionally-handicapped adolescents. *The English Journal*, 56 (April): 603-606, 609. [Includes poetry about Grand Canyon and Ferde Grofé's *Grand Canyon Suite*.]

Myles, George A.

- 1966 14.1028 Water-based recreation in Nevada: Lakes Mead and Mohave. *University of Nevada, College of Agriculture, Agricultural Experiment Station*, (13), 24 pp. [Lake Mead and Lake Mohave.]

N

Najar, Javier A., AND Begay, Phil

- 2010 14.909 Electronic control for the electric motor conversion of the Grand Canyon boats [ABSTRACT]. *In: University of Utah, Department of Electrical and Computer Engineering, 2010 Senior Project Abstracts, Session 6.*

Námsmatsstofnun [firm]

- NO DATE 14.1038 *PISA prófverkefni : náttúæði. Dæmi um spurningar sem notaðar eru í PISA prófum. Þessi verkefni eru dæmigerð fyrir verkefni sem notuð eru til að meta læsi á náttúrufræði í PISA.* Reykjavík: Námsmatsstofnun, 97 pp. [See pp. 6, 35-58.]

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[Educational.] [In Icelandic.] [See also Almar Miðvík Halldórsson *et al.* (2007, *ITEM NO.* 14.626).]

Napier, John

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| 2012 | 14.748 | Grand Canyon Youth: River connections. <i>Grand Canyon River Runner</i> , (13) (Winter): 12. |
| 2013 | 14.805 | A league of their own. <i>Boatman's Quarterly Review</i> , 26(1) (Spring): 11. [Grand Canyon Youth river guides.] |
| 2016 | 14.1106 | [Whale Foundation.] <i>Boatman's Quarterly Review</i> , 29(1) (Spring): 7. |
| 2016 | 14.1119 | Back of the Boat—the Whale Foundation news bulletin. <i>Boatman's Quarterly Review</i> , 29(2) (Summer): 7-8. |
| 2016 | 14.1143 | Back of the Boat—the Whale Foundation news bulletin. <i>Boatman's Quarterly Review</i> , 29(3) (Fall): 13. |
| 2016 | 14.1170 | Back of the Boat—The Whale Foundation News Bulletin. <i>Boatman's Quarterly Review</i> , 29(4) (Winter 2016-2017): 17. |
| 2017 | 14.1226 | Back of the Boat—The Whale Foundation News Bulletin. <i>Boatman's Quarterly Review</i> , 30(3) (Fall): 21. |
| 2017 | 14.1260 | Back of the Boat—The Whale Foundation News Bulletin. <i>Boatman's Quarterly Review</i> , 30(4) (Winter 2017-2018): 7. |
| 2017 | 14.1280 | Back of the Boat—The Whale Foundation News Bulletin. <i>Boatman's Quarterly Review</i> , 30(2) (Summer): 16. |
| 2018 | 14.1285 | Back of the Boat—The Whale Foundation News Bulletin. <i>Boatman's Quarterly Review</i> , 31(1) (Spring): 17. |
| 2018 | 14.1312 | Back of the Boat—The Whale Foundation News Bulletin. <i>Boatman's Quarterly Review</i> , 31(2) (Summer): 5. |
| 2018 | 14.1330 | Back of the Boat—The Whale Foundation News Bulletin. <i>Boatman's Quarterly Review</i> , 31(3) (Fall): 10-11. |
| 2018 | 14.1375 | Back of the Boat—The Whale Foundation News Bulletin. <i>Boatman's Quarterly Review</i> , 31(4) (Winter 2018-2019): 20. |
| 2019 | 14.1398 | Back of the Boat—The Whale Foundation News Bulletin. <i>Boatman's Quarterly Review</i> , 32(1) (Spring): 9. |
| 2019 | 14.1419 | Back of the Boat—The Whale Foundation News Bulletin. <i>Boatman's Quarterly Review</i> , 32(2) (Summer): 21. |
| 2019 | 14.1456 | A final note of farewell and support. <i>Boatman's Quarterly Review</i> , 32(3) (Fall): 46. [Napier leaving the directorship of the Whale Foundation. Sam Jansen is the new Executive Director.] |
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Napitupulu, Lilis Handayani; Girsang, Dwi Sepriani; Nainggolan, Yofany Maylina; Sinambela, Ckrisnawati; AND Sinaga, Gema Harina

- 2023 14.1876 The analysis of grammatical errors in the essay writing of eighth-grade students at Panca Budi Medan. *ELT Jurnal / English Language Teaching Prima Journal* (Universitas Prima Indonesia, Kota Medan, Sumatera Utara [North Sumatra]), 5(1): 87-103. [See p. 95 (thusly, and peculiarly for corrections of English grammar): “The total number of article errors found in the essays of the eight graders is 20 missing articles. The paragraph below is quoted from the results of texts written by the targeted sample members at Panca Budi school Medan. [¶]My family went to ___ mountain yesterday [¶]Explanation on error: missing article ‘the’ [¶]I went to ___ Grand Canyon last year [¶]Explanation on error: missing article ‘the’.] [“Grand Canyon” without the article “the” is routinely and acceptably encountered in English, as identifying the place, Grand Canyon.]

Nash, Bruce; Krueger, David; Matteo, Erika; AND Nein, Kristen

- 2009 14.1837 “Views of the National Parks:” A hands-on virtual journey through our national parks [ABSTRACT]. *In: Rethinking Protected Areas in a Changing World : the 2009 George Wright Society Biennial Conference on Parks, Protected Areas, and Cultural Sites : program and abstracts*, pp. 159-160. [Free multimedia educational program from the National Park Service. Includes Grand Canyon.]

Nash, Roderick Frazier

- 1977 14.157 River recreation: History and future. *In: Proceedings, Symposium [on] River Recreation, Management and Research*, January 24-27, 1977, Minneapolis, Minnesota. *U.S. Forest Service, North Central Forest Experiment Station, General Technical Report 28*, pp. 2-7. (Symposium sponsored by North Central Forest Experiment Station, Backcountry River Recreation Management Research Project.)
- 1984 14.1747 Commentary. *Association of National Park Rangers, Newsletter*, 7[6?](1) (Spring): 7. [Includes remarks on visitor experiences at the South Rim.]
- 1996 14.1305 A wilderness ethic for the age of cyberspace. *The George Wright Forum*, 13(2): 69-71. [Concludes with comment that Grand Canyon Dories asks guests to “[l]eave the laptop and the cellular phone home“.]

Nasiatka, Paula

- 2012 14.771 Traveling through time with the Grand Canyon Travelin’ Trunks. *Canyon Views* (Grand Canyon Association), 19(1) (Spring): 6.

National Association for Interpretation

- 2009 14.579 National award recipients. *In: NAI National Workshop, Hartford, Connecticut, November 17-21,2009*. Fort Collins, Colorado: National Association for Interpretation, p. 31. [Includes listing of awards to Grand Canyon Association and to Grand Canyon National Park.]

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Nations, J. Dale, AND Beus, Stanley S.

- 1976 14.158 Teaching historical geology in the Grand Canyon. *Journal of Geological Education*, 24: 77-81.
 ≡ CROSS-LISTINGS |CITED» GCNHA Monograph 2: page 71| |CITED» GCNHA Monograph 8: page 3-69|

Naumenko, S. O. [Науменко, С. О.]

- 2014 14.1682 Тестові технології оцінювання компетентностей учнів: міжнародний досвід [Testovi tekhnolohiyi otsinyuvannya kompetentnostey uchniv: mizhnarodnyy dosvid]. Test technologies of pupils' competencies assessment: international experience. *Педагогічні науки: теорія, історія, інноваційні технології* (Полтавський державний педагогічний університет ім. В.Г. Короленка) [Pedagogichni nauky: teoriya, istoriya, innovatsiyni tekhnolohiyi (Poltavs'kyy derzhavnyy pedahohichnyy universytet im. V.H. Korolenka)] [Pedagogical Sciences: Theory, History, Innovative Technologies Poltava State Pedagogical University named after VG Korolenko (Poltava, Ukraine)], 2014(6)(40): 19-30. [See box (pp. 24-25), "Великий каньйон" [Velykyy kan'yon] [Grand Canyon].] [In Ukrainian, with item title and abstract also in Russian and English.]

Navarro, Monique

- 2023 14.1804 Grand Canyon's Education Branch: Engaging students with curiosity and connection. *Canyon Views* (Grand Canyon Conservancy), 30(3) (Winter 2023/2024): 10-11.

Neace, Sydney D., AND Bevis, Kenneth A.

- 2017 14.1178 The Grand Canyon as an undergraduate field laboratory [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 49(2): doi:10.1130/abs/2017NE-289736.

Nebraska Curriculum Development Center

- 1966 14.159 *A curriculum for English : Grade 4 : Units 34-44*. Lincoln, Nebraska: University of Nebraska Press, 132 pp. [See "Unit 36: Animal Story: Brighty of the Grand Canyon" (pp. 25-34). Employs Marguerite Henry's *Brighty of the Grand Canyon*.]

Neher, Christopher J.; Bair, Lucas; Duffield, John W.; Patterson, David A.; AND Neher, Katherine

- 2019 14.1295 Convergent validity between willingness to pay elicitation methods: An application to Grand Canyon whitewater boaters. *Journal of Environmental Planning and Management*, 62(4): 611-625.

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Neher, Chris [Neher, Christopher J.]; **Duffield, John; Bair, Lucas; Patterson, David A.; AND Neher, Katherine**

- 2017 14.1272 Testing the limits of temporal stability: Willingness to pay values among Grand Canyon whitewater boaters across decades. *Water Resources Research*, 53(12): 10,108-10,120.

Neher, Chris J. [Neher, Christopher J.]; **Duffield, John W.; AND Patterson, David A.**

- 2013 14.1349 Modeling the influence of water levels on recreational use at lakes Mead and Powell. *Lake and Reservoir Management*, 29(4): 233-246. [Lake Mead, Lake Powell.]

Nelson, Robert H.

- 2006 14.746 Valuing nature: Economic analysis and public land management, 1975-2000. *American Journal of Economics and Sociology*, 65(3, Natural Resources, Taxation, and Regulation: Unusual Perspectives on a Classic Topic) (July): 525-558.

Nelson, Todd

- 2016 14.1404 Interview with a National Park Service employee: Todd Nelson, Volunteer Resource Program Coordinator, Grand Canyon National Park. *Canyon Echo* (Sierra Club, Grand Canyon Chapter), 52(3) (Summer): 10.

Nelson, Velvet

- 2013 14.804 *An introduction to the geography of tourism*. Lanham (Maryland) and Plymouth (United Kingdom): Rowman and Littlefield Publishers, Inc., 308 pp.

Neumann, Mark Albert

- 1991 14.160 *Tourism and American culture: A study of the meanings of leisure travel at Grand Canyon National Park*. Doctoral dissertation, University of Utah, 476 pp.
- 1993 14.1688 Living on tortoise time: Alternative travel as the pursuit of lifestyle. *Symbolic Interaction*, 16(3) (Fall): 201-235. [A nine-day bus tour through the Southwest in 1988 with the Green Tortoise travel company. Includes Route 66 in Arizona and Grand Canyon.]

Newsome, David, AND Dowling, Ross K.

- 2006 14.1209 The scope and nature of geotourism. *In*: Dowling, Ross K., and Newsome, David (eds.), *Geotourism : sustainability, impacts and management*. Amsterdam, Boston, Heidelberg, London, New York, Oxford, Paris, San Diego, San Francisco, Singapore, Sydney, and Tokyo: Elsevier Butterworth-Heinemann, pp. 3-25. [See box on p. 23, "Case study 1.3: The issue of aircraft noise at the Grand Canyon, USA (after Schwer *et al.*, 2000)" (see ITEM NO. 14.259).] [Volume citation from title-page. Volume cover lists "David Newsome" and "Edited by Ross Dowling".]

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Nichols, Alan

- 2007 14.563 *On Foucault and the genealogy of governmentality*. Doctoral dissertation, University of Missouri at Columbia. [See p. 205, philosophical commentary on the “inherent value” of Grand Canyon.]

Nicolai, Daniel

- 2011 14.928 Trail etiquette and guidelines. *Pinyon Press* (Xanterra South Rim, L.L.C., Grand Canyon), 2011(19) (September 21): 1, 6.
- 2012 14.930 Trail etiquette and guidelines. *Pinyon Press* (Xanterra South Rim, L.L.C., Grand Canyon), 2012(6) (March 21): 8-9.

Nielsen, Joyce McCarl, AND Endo, R.

- 1977 14.451 Where have all the purists gone? an empirical examination of the displacement hypothesis in wilderness recreation. *Western Sociology Review*, 8: 61-75.

Nielsen, Joyce McCarl, AND Shelby, Bo

- 1977 14.162 River-running in the Grand Canyon: How much and what kind of use. *In: Proceedings, Symposium [on] River Recreation, Management and Research, January 24-27, 1977, Minneapolis, Minnesota. U.S. Forest Service, North Central Forest Experiment Station, General Technical Report NC-28*, pp. 168-177. (Symposium sponsored by North Central Forest Experiment Station, Backcountry River Recreation Management Research Project.)

Nielsen, Joyce McCarl; Shelby, Bo; AND Haas, J. Eugene

- 1977 14.762 Sociological carrying capacity and the last settler syndrome. *Pacific Sociological Review*, 20(4) (October): 568-581. [Grand Canyon, see pp. 575, 578.]

No Barriers Youth, AND Grand Canyon Youth

- 2015 14.1307 Leading the way 2015; science in the Grand Canyon; an adventure for blind, visually impaired, and sighted students. *IPVI Insights* (Illinois Association for Parents of Children with Visual Impairments, Naperville, Illinois), (February): [15]-[16]. [Colorado River trip through Grand Canyon, sponsored by No Barriers USA, Fort Collins, Colorado, and conducted by Grand Canyon Youth. Program highlights, details, and itinerary for July 13-24.]

Nockels, Paul

- 2010 14.632 Reflections. *Boatman’s Quarterly Review*, 23(2) (Summer): [one side of undated, unpaginated Whale Foundation insert].

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Nokes, Jeffery D.

- 2024 14.1811 Using Library of Congress resources in purposeful social studies assessment. *In*: Waring, Scott M. (ed.), *Teaching with primary sources to prepare students for college, career, and civic life. Volume 1*. [No place]: National Council for the Social Studies, pp. 151-190. [See pp. 179-181, "Example from Middle School Geography Class; *Instructional Objectives*". Using a 1984 National Park Service map of Grand Canyon National Park, Native American cultural distributions map, and a topographic map, "assessing students' ability to infer the purpose of a map from its content".]

Nolan, Eric; Whitworth, Brooke A.; AND Rubino-Hare, Lori

- 2019 14.1615 A lesson in Geospatial Inquiry. *The Science Teacher* (National Science Teachers Association), 87(4, Learning on Personal Devices) (November/December): 26-33. [Regarding socially constructed studies, with attention to power plants and climate change and a geographical focus on the southwestern United States; and more specifically, the Grand Canyon region.]

Nordgren, Tyler

- 2021 14.1702 Reflections on being the inaugural Grand Canyon Astronomer in Residence. *Canyon Views* (Grand Canyon Conservancy), 28(2) (Fall/Winter): 28.
- 2023 14.1780 Dr. Tyler Nordgren: Artist, astronomer, night sky ambassador; Astronomer in Residence, June-July 2021. *In*: Artist and Astronomer in Residence Updates [SECTION]. *Canyon Views* (Grand Canyon Conservancy), 30(1) (Winter): 28. [Interview format.]

Nordlund, C.

- 2005 14.438 How the coast became high; an historical introduction to the High Coast (Höga kusten) World Heritage Site in Sweden. *Environment and History*, 11(2): 113-138. [Includes a comparison to Grand Canyon.]

Northern Arizona University, Merriam-Powell Center for Environmental Research

- 2019 14.1453 *15th Biennial Conference of Science and Management on the Colorado Plateau and Southwest Region : theme: Science and Solutions for Conserving the Southwest's Land, Water, Biodiversity and Cultures : agenda and program : 2019 : High Country Conference Center, Flagstaff, Arizona, USA, September 9-12*. Flagstaff, Arizona: Northern Arizona University, Merriam-Powell Center for Environmental Research, 36 pp. + Program Errata Sheet, 1 leaf. [Cover title: *2019 : 15th Biennial Conference of Science and Management on the Colorado Plateau and Southwest Region : Flagstaff, Arizona, USA, September 9-12 : Northern Arizona University : agenda and program*.]

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Northern Arizona University, School of Forestry

- NO DATE 14.523 *Grand Canyon-Parashant National Monument recreational survey.* St. George, Utah: U.S. Department of the Interior, Grand Canyon-Parashant National Monument, 18 pp. [2002?]
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Northern Arizona University, Social Research Laboratory

- 1997 14.163 *Grand Canyon reflections : a report on the environmental values, attitudes and beliefs of the residents of the Grand Canyon region* (Frederic I. Solog and Mary Ann E. Steger, Principal Investigators; Teri Lynn Nelson, Research Operations Manager; Harris Duff, Randall Friday, Kristi Hagan, Kip Kelly, and Chris Roundtree, Research Team). Report prepared for Grand Canyon Trust, 22 pp. [Also an errata sheet, with corrections to third pie chart on page 11.]
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Northern Arizona University, W. A. Franke College of Business, Arizona Hospitality Research and Resource Center

see also Arizona Hospitality Research and Resource Center

- 2015 14.1502 *Page tourism survey, 2014-2015.* [Flagstaff, Arizona]: Northern Arizona University, W. A. Franke College of Business, Arizona Hospitality Research and Resource Center, for City of Page, Tourism Department, 95 pp.
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Northern Arizona University, W. A. Franke College of Business, Center for Business Outreach, Arizona Hospitality Research and Resource Center

see also Arizona Hospitality Research and Resource Center

- 2009 14.818 *The economic impact of Arizona state parks.* [Flagstaff, Arizona]: Northern Arizona University, W. A. Franke College of Business, Center for Business Outreach, Arizona Hospitality Research and Resource Center, [for Arizona State Parks], 79 pp.
- 2011 14.910 *Sustainable tourism practices: Arizona benchmark study.* [Flagstaff, Arizona]: Northern Arizona University, W. A. Franke College of Business, Center for Business Outreach, Arizona Hospitality Research and Resource Center, for Arizona State Parks, 121 pp.
- 2011 14.1256 *Kingman area and Grand Canyon West/Hualapai tourism study, 2010.* [Flagstaff, Arizona]: Northern Arizona University, W. A. Franke College of Business, Center for Business Outreach, Arizona Hospitality Research and Resource Center, for Arizona Office of Tourism, 205 pp.
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Novak, Jim

- 1987 14.164 River expedition report: Sociological data, Summer, 1986. *In:* Weiss, Gayle C. (ed.), *Colorado River Investigations V : July/August, 1986* (supervised by Stanley S. Beus and Steven W. Carothers). Flagstaff, Arizona: Northern Arizona University, for U.S. National Park Service, Grand Canyon National Park, pp. 111-118.
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Novak, Larry

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- 2012 14.1371 Future perfect; across the public lands of America, a new generation is inspired to take up the joys and challenges of wildland stewardship. *Sojourns* (Peaks, Plateaus and Canyons Association), 7(1) (Winter/Spring): 36-41, back cover. [Includes Grand Canyon Youth.]
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Null, Elizabeth Higgins

- 2001 14.1373 *Rural schools on the prairie turn to the land for learning and inspiration.* Washington, D.C.: rural School and Community Trust, 13 pp. [See "Seligman, Arizona" (pp. 2-4), which describes Seligman High School students' work on studying the field environment of the black-footed ferret, and a reward trip studying the history and natural history on Colorado River from Diamond Creek to Lake Mead.]
-

Nyberg, Helena

- 2011 14.1166 Fukushima-Effekt am Grand Canyon? Uran-Minen: Auch der Tourismus erleidet Schaden. *Newsletter* (Incomindios, Internationales Komitee für die Indianer Amerikas, Zürich), (31) (November): 4-7. [With focus on Havasupai.] [In German.]
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Nyman, Pamela

- 1991 14.165 Sociological data report. *In: Colorado River Investigations #9 : July/August, 1990* (supervised by Stanley S. Beus, Lawrence E. Stevens, and Frank B. Lojko). Flagstaff, Arizona: Northern Arizona University, for U.S. National Park Service, Grand Canyon National Park, pp. 165-174.
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O'Brien, E. E., AND Bringham, K.

- 2017 14.1301 Outdoor Leadership Academy: recruiting our future leaders across disciplines and ethnicities [ABSTRACT]. *In: 14th Biennial Conference of Science and Management for the Colorado Plateau and Southwest Region, September 11-14, 2017, High Country Conference Center, Northern Arizona University, Flagstaff, Arizona.* [No imprint], pp. 120-121. [Grand Canyon-Parashatn National Monument and Lake Mead National Recreation Area partnership with Dixie State University.]
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O'Brien, Gary R., AND Roberts, C. A.

- 1999 14.601 *Evaluation of river beach carrying capacity information utilized by the Grand Canyon River Trip Simulator: Analysis and recommendations for future study : final report.* Grand Canyon Science Center (CA8210-99-002), 17 pp.
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O'Donnell, Bonnie

- 2011 14.697 Virtual Field Trips for Kids. *Canyon Views* (Grand Canyon Association), 18(2) (Summer): 12. [Distance learning program sponsored by Grand Canyon National Park.]

ODS Danışmanlık Ltd. Şti.

- 2014 14.1637 *Kemaliye "Karanlık Kanyon Eğin Park" turizm merkezi ön fizibilite raporu*. [No place]: ODS Danışmanlık Ltd. Şti., for Kemaliye Kaymakamlığı and Kuzeydoğu Anadolu Kalkınma Ajansı, 171 pp. [See in "2. Dünyada Turizm", section 2.3, "Dünyadaki Kanyon ve Asma Köprüler": subsection 2.2.1. [sic], "Asma Köprüye Sahip Kanyonlar" (pp. 15-16, which notes "Grand Kanyon Cam Köprüsü, Arizona" [Grand Canyon Skywalk, Hualapai Indian Reservation] and "Glen Kanyon ve Navajo Köprüsü, Arizona" [Glen Canyon Dam Bridge and Navajo Bridge(s)], and subsection 2.2.2 [sic], "Diğer Kanyonlar" (pp. 16-20, which notes several world canyon sites, including "Horse Shoe Bend Kanyon, Arizona" and "Havasü Kanyonu, Arizona".] [In Turkish.]

OECD PISA Türkiye

- NO DATE 14.1038 *OECD Uluslararası Öğrenci Değerlendirme Programı : örnek fen soruları*. [No place]: Organisation for Economic Co-operation and Development, Uluslararası Öğrenci Değerlendirme Programı, 132 pp. [Grand Canyon, see pp. 8-11.] [Educational.] [In Turkish.]

O'Keefe, Kelli

- 2020 14.1542 Mask making madness. *In: QuarantZine* [FEATURE]. *Boatman's Quarterly Review*, 33(2) (Spring [sic, Summer]): 32-33. ["The Grand Canyon Relief Coalition developed the *QuarantZine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with." (From Margeaux Bestard's introductory note to *QuarantZine*.)]

Olsen, Lana M.; Vogt, Christine; AND Andereck, Kathleen

- 2016 14.1394 Paintbrushes to pruners: Tourism professionals with a purpose. *In: Travel and Tourism Research Association: Advancing Tourism Research Globally : 2016 ttra International Conference*, 28, [6] pp. [Tourism activities of volunteers. Includes Grand Canyon.]

Ondaatje, Elizabeth Heneghan

- 1989 14.1086 *Trends in anti-nuclear protests in the United States, 1984-1987*. Santa Monica, California: The RAND Corporation, 56 pp. (R-3696. AD-A228 338.) [See pp. v, 13, 47-48, regarding an Earth First! protest at a Grand Canyon uranium mine, July 13, 1987.]

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O’Neil, Sherri

- 2021 14.1790 *Native American perspectives in the interpretation of Grand Canyon National Park.* Master’s thesis, Prescott College, 149 pp.
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Ordean, Mihai

- 2007 14.1417 Studii geografice cu elevii în rezervații naturale din regiunea Sibiului. Involving students in geographical studies in Sibiu region natural reservations. *In: Dulamă, Maria Eliza, Bucilă, Florin, and Ilovan, Oana-Ramona (eds., coordinators), Tendințe actuale în predarea și învățarea geografiei. Contemporary trends in teaching and learning geography. Volumul 3.* Cluj-Napoca: Clusium, pp. 317-323. [See p. 322, summary comment regarding discussions and conclusions by students, which notes *in passing* that comparisons were made with the “Canionul Colorado” (Colorado Canyon).] *[In Romanian, with bilingual titles and abstract.]*
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Osife, Maiya Laree

- 2013 14.1602 The next generation of information: Mobile app development for the monument. *Southern Paiute-Parashant Bulletin* (U.S. Bureau of Land Management and U.S. National Park Service, Grand Canyon-Parashant National Monument), 1 (July): 8. *[NOTE: As noticed on p. 1, Osife is the author of the entirety of this inaugural issue. The free smart phone application is under development.]*
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Osorio, Andrea

- 2024 14.1838 Welcoming in a new era: Educating visitors on Grand Canyon tribal communities. *Canyon Views* (Grand Canyon Conservancy), 31(1) (Summer): 9-11.
- 2024 14.1840 Unveiling Grand Canyon’s visitor experience: Insights from a three-year study. *Canyon Views* (Grand Canyon Conservancy), 31(1) (Summer): 18-19.
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Ostergren, David; Solop, Frederic I.; AND Hagen, Kristi K.

- 2005 14.558 National Park Service fees: Value for the money or a barrier to visitation? *Journal of Park and Recreation Administration*, 23(1) (Spring): 18-36.
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Ostlind, Emilene

- 2019 14.1451 Powell as unwitting godfather of outdoor recreation in the great unknown [ABSTRACT]. *In: 15th Biennial Conference of Science and Management for the Colorado Plateau and Southwest Region : theme: “Science and Solutions for Conserving the Southwest’s Land, Water, Biodiversity and Cultures” : September 9-12, 2019, High Country Conference Center, Northern Arizona University, Flagstaff, Arizona, p. 87.* [John Wesley Powell.]
- 2020 14.1594 Powell as unwitting godfather of outdoor recreation in the great unknown. *In: Robison, Jason, McCool, Daniel, and Minckley, Thomas (eds.) Vision and place : John*

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Wesley Powell and reimagining the Colorado River Basin. Oakland, California: University of California Press, pp. 148-166.

Ouellet, Lorie

- 2013 14.949 *La rivière Magpie : une rivière de classe mondiale à protéger : caractérisation comparée des grandes rivières d'eau vive d'Amérique et de la rivière Magpie pour leur potentiel de pratique des activités d'eau vive.* Chicoutimi, Québec: Université du Québec à Chicoutimi, Laboratoire d'Expertise et de Recherche en Plein Air, 104 pp. [See "Le fleuve Colorado—États-Unis", pp. 44-48, and "Comparaison de la rivière Magpie et Colorado", pp. 49-50.] [In French.]

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Pacific Southwest Inter-Agency Committee, Recreation Subcommittee Task Force; AND Columbia Basin Inter-Agency Committee, Water Supply and Water Pollution Control Subcommittee Task Force

- 1965 14.166 *Suggested design criteria for water works in recreational areas.* Pacific Southwest Inter-Agency Committee and Columbia Basin Inter-Agency Committee, 71 pp.

Palmer, S. Clayton

- 2017 14.1302 Economic evaluations of Glen Canyon power since 1946: a historical retrospective and discussion of current issues [ABSTRACT]. *In: 14th Biennial Conference of Science and Management for the Colorado Plateau and Southwest Region, September 11-14, 2017, High Country Conference Center, Northern Arizona University, Flagstaff, Arizona.* [No imprint], p. 125.

Palmer, S. Clayton, AND Burbidge, Clark

- 2001 14.299 The economic impact on electrical power production of the Lower Summer Steady Flow, 2000 [ABSTRACT]. *In: Colorado River Ecosystem Science Symposium 2001 : Little America Hotel, Flagstaff, Arizona, April 26 and 27, 2001 : organized by the Grand Canyon Monitoring and Research Center, U.S. Geological Survey. Program and abstracts.* [Flagstaff, Arizona: Grand Canyon Monitoring and Research Center], p. 25. (Glen Canyon Dam Adaptive Management Program.)

Palmer, C. [Palmer, S. Clayton] AND Ellsworth, C.

- 2019 14.1452 Glen Canyon Dam High Flow Experiments at powerplant capacity: history, considerations and opportunities for experimentation [ABSTRACT]. *In: 15th Biennial Conference of Science and Management for the Colorado Plateau and Southwest Region : theme: "Science and Solutions for Conserving the Southwest's Land, Water, Biodiversity and Cultures" : September 9-12, 2019, High Country Conference Center, Northern Arizona University, Flagstaff, Arizona,* p. 88.

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Palmer, S. Clayton, AND Patno, Heather

- 2005 14.407 Three years of experimentation at Glen Canyon Dam: the electrical power economic costs [ABSTRACT]. *In: Colorado River Ecosystem Science Symposium 2005. Abstracts. October 25-27, 2005, Fiesta Inn Resort, 2100 South Priest Drive, Tempe, AZ.* [Flagstaff, Arizona]: [U.S. Geological Survey, Grand Canyon Monitoring and Research Center], p. 46.

Palmer, S. Clayton; Burbidge, Clark; AND Cook, Wayne

- 2005 14.408 The electrical power economic impacts of liberalizing Glen Canyon Dam operational constraints [ABSTRACT]. *In: Colorado River Ecosystem Science Symposium 2005. Abstracts. October 25-27, 2005, Fiesta Inn Resort, 2100 South Priest Drive, Tempe, AZ.* [Flagstaff, Arizona]: [U.S. Geological Survey, Grand Canyon Monitoring and Research Center], p. 46.

Palmer, S. Clayton; Patno, Heather; Loftin, Sam; AND Veselka, Tom

- 2008 14.516 Economic analysis of five options for the operation of Glen Canyon Dam as part of long-term experimentation [ABSTRACT]. *In: Colorado River Basin Science and Resource Management Symposium 2008. Coming together: Coordination of science and restoration activities for the Colorado River ecosystem : abstracts : November 18-20, 2008, Doubletree Resort Hotel, Scottsdale, Arizona.* [No imprint], pp. 71-72.

Pamidighantam, Pranav K., AND Schomer, Paul

- 2015 14.1020 Visitor assessment of anthropogenic noise at Grand Canyon National Park. *Acoustical Society of America, Journal*, 137(4): 2340.
- 2016 14.1358 Results of a visitor survey of the acoustic environment at the Grand Canyon National Park. *Acoustical Society of America, Journal*, 139(4): 2007.

Papageorgiou, Alexis

- 1967 14.739 Architectural schemata for outdoor recreation areas of tomorrow. *Dædalus* (American Academy of Arts and Sciences), 96(4, America's Changing Environment) (Fall): 1158-1171. [See p. 1165, Grand Canyon noted *in passing* as example of "unique natural area" and "primitive area"; and notes, p. 1170.] [Daedalus.]

Paradis, Katie

- 1999 14.253 NAU, UA create software to reduce Colorado River traffic. *NAU Today* (Northern Arizona University), (November 20): 5.

Parker, Robert E., AND Rozzi, Joan

- 1997 14.167 Life quality in the Colorado River basin: Key indicators for evaluating sustainable development. *Journal of the Southwest*, 39(2) (Summer): 267-285.

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Parkkonen, Annika

- 2013 14.1381 *Matkailutuotteen suunnitteluprosessi : ryhmämatkan suunnittelu Pohjois-Amerikkaan. Development proces of a tourism product : planning a group tour in North America.* Thesis, Savonia-Ammattikorkeakoulu / Savonia University of Applied Sciences, 37, [1] pp. ["The purpose of this thesis was to create a functional travel plan based on the wisehs of the customers. This thesis does not have an actual client organisation but the request for this travel plan came straight from [a] travelling group."] [See "Las Vegas" (pp. 29-30), which includes Grand Canyon.] [In Finnish, with bilingual title and abstract.]

Parma, C. Michael

- 2000 14.295 *A comparison of electronic technologies for human impact monitoring of wildland campsites in southwestern environments.* Master's thesis, Northern Arizona University, 94 pp. [Arizona Strip.]

Parra, Natalia; Williamson, Sean; Ruth, Matthias; Ross, Kim; AND Irani, Daraius

- 2008 14.1249 (CONTRIBUTORS) *Economic impacts of climate change on Nevada : a review and assessment conducted by the Center for Integrative Environmental Research, University of Maryland.* [No place]: University of Maryland, Center for Integrative Environmental Research, 17 pp.

Parusheva, T. P. [Парушева, Т. П.]

- 2018 14.1618 Влияние культуры и идентичности на туризм в направлениях [Vliyaniye kul'tury i identichnosti na turizm v napravleniyakh] / Influence of culture and identity on tourism in destination. *In: Drobyazko, S. I. (science ed.), Problems of modern science : collection of scientific articles.* Namur, Belgium: Fadette Editions, pp. 118-123. [See pp. 121-122, "Культурные сообщества потеряли свои национальные ценности в результате туризма" [Kul'turnyye soobshchestva poteryali svoi natsional'nyye tsennosti v rezul'tate turizma] [Cultural communities have lost their national values as a result of tourism], which includes remarks concerning the Havasupai of Grand Canyon.] [In Russian, with bilingual item title, thus; and volume data in English, thus.]

Parvana, Babayeva [Pərvanə, Babayeva]

- 2019 14.1827 *Turizm sahəsində tarixi abidələr və ətraf mühitin qorunması.* [Historical monuments and environmental protection in the field of tourism.] Bonn and Esborn (Eschborn), Germany: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH / Almaniya Beynəlxalq Əməkdaşlıq Cəmiyyəti (GİZ), 49 pp. (İsmayılı və Qax rayonlarının kənd təsərrüfatı və turizm sahələrində Dual Peşə Təhsili və Təlimi pilotların yaradılması (EDVET) layihəsi.) [See p. 14 in section, "Turizm marşrutlarında ekoloji təhlükəsizlik" [Environmental security on tourist routes]: "Dünya ölkələrinin təcrübəsinə nəzər yetirsək, Böyük Kanyon Milli Parkı (ABŞ) turistlərin həddindən artıq gəlməsi səbəbindən çirklənib və öz cəlbediciliyini itirib." [If we look at the experience of the countries of the world, the Grand Canyon National Park (USA) has become unattractive due to overcrowding]. (ENTIRE NOTE) [In Azerbaijani.]

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Patraw, P. P. [Patraw, Preston P.]

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| 1930 | 14.703 | Yavapai Observation Station. <i>Grand Canyon Nature Notes</i> , 4(5) (March): cover, 30-31.

≡ CROSS-LISTINGS CITED» GCNHA Monograph 8: page 7-10 |
| 1994 | 14.704 | Yavapai Observation Station. <i>In: Lamb, Susan (ed.), The best of Grand Canyon Nature Notes</i> . Grand Canyon, Arizona: Grand Canyon Natural History Association, p. 164. [Reprinted from <i>Grand Canyon Nature Notes</i> , March, 1930; Yavapai Museum.] |

Patten, Dave

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| 2018 | 14.1428 | Dave Patten. <i>In: Environmental Traveling Companions : inclusion training manual : May 19-20, 2018</i> . San Francisco: ETC (Environmental Traveling Companions), pp. 45-46. [Interview format. Includes remarks on guiding blind kayakers on the Colorado River in Grand Canyon.] |
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Patterson, Roger

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| 2013 | 14.848 | Clarity. <i>Boatman's Quarterly Review</i> , 26(2) (Summer): 9. |
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Patton, Michael Quinn

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| 1999 | 14.435 | Myths as normative frames for qualitative interpretation of life stories. <i>Qualitative Inquiry</i> , 5: 338-352. |
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Paulson, Autumn M.; Lavasseeur, Randy; Hinson, Mary; AND Gordon, Howard R. D.

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| 2011 | 14.916 | Exploring the mental and physical benefits of a fitness program for park rangers at Lake Mead National Recreation Area [ABSTRACT]. <i>In: NPHA 2011 Annual Conference : The Future of Public Health in Nevada, September 15-16, 2011, Joe Crowley Student Union, University of Nevada, Reno</i> , p. 17. [Lake Mead.] [Nevada Public Health Association.] |
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Pearce, David W.

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| 1992 | 14.763 | Economic valuation and the natural world. <i>The World Bank, World Development Report, Policy Research Working Papers, WPS 988</i> , 63 pp. ("Prepared as a Background Paper for the <i>World Development Report 1992</i> ".) [See p. 11, "Box 4: Valuing Preferences for Unique Assets: Visibility and the Grand Canyon"; and see pp. 38, 40.] |
| 1993 | 14.311 | <i>Economic values and the natural world</i> . London: Earthscan, 129 pp. [See pp. 21-22.] |
| 1993 | 14.312 | <i>Economic values and the natural world</i> . Cambridge, Massachusetts: MIT Press, 1st MIT Press ed., 129 pp. [See pp. 21-22.] |
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Peeters, Paul; Gössling; Klus, Jeon; Milano, Caludio; Novelli, Marina; Dijkmans, Corné; Eijgelaar, Eke; Hartman, Stefan; Heslinga, Jasper; Isaac, Rami; Mitas, Ondrej; Moretti, Simone; Nawijn, Jeroen; Papp, Bernadett; AND Postma, Albert

2018 14.1589 *Research for TRAN Committee—Overtourism: impact and possible policy responses.* Brussels: European Parliament, Policy Department for Structural and Cohesion Policies, 255 pp. (“Study Requested by the TRAN committee” [European Parliament, Committee on Transport and Tourism (TRAN)].) (“Policy Department for Structural and Cohesion Policies, Directorate-General for Internal Policies, PE 629.184—October 2018”). [Grand Canyon, see p. 152; section “IV.14 Grand Canyon, the United States” (pp. 182-183).] [Document available only in English.]

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Pepper, Charles E.

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Perry, Earl

2006 14.458 The potential in potential alternate trip leaders. *The Waiting List* (Grand Canyon Private Boaters Association), 7(4) (Winter): 14-15.

Perry, F. M.

1919 14.757 Field work in Arizona. *Science*, New Series, 49 (April 11): 357-358. [Brief item on the University of Arizona’s plans for “vacation-work in the field” during summers when “the climate of Tucson is not suited to the conventional campus summer-session”;

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with specific note of the proposal for groups of students under professors take the field, including “geology at the Grand Canyon” (ENTIRE NOTE).]

Peterson, George L.; Lime, David W.; AND Anderson, Dorothy H.

- 1980 14.1084 A method for explaining trends in river recreation demand. *In*: Proceedings : 1980 National Outdoor Recreation Trends Symposium : Volume I : U.S. Department of Agriculture, Forest Service, Northeastern Forest Experiment Station, 370 Reed Road, Broomall, PA 19008. *U.S. Forest Service, General Technical Report NE-57*, pp. 161-169. [Mathematical model.] [See p. 163: “Equation (7) shows the demand for one river to be a function of the characteristics of all rivers with which the river competes. [. . .] Some rivers, such as the Colorado River in Grand Canyon National Park and the Middle Fork of the Salmon River in Idaho[,] may be so unique they compare with movies or trips to Europe.” (ENTIRE NOTE)]

Peterson, Jennifer Lynn

- 1999 14.254 *World pictures: Travelogue films and the lure of the exotic, 1890-1920*. Doctoral dissertation, University of Chicago, 384 pp.

Petrella, Margaret; Deaderick, Lauren; AND Burkman, Eric

- 2016 14.1494 *NPS transit system passenger boardings study: Converting ticket sales to passenger boardings*. Cambridge, Massachusetts: U.S. Department of Transportation, John A. Volpe National Transportation Systems Center, for U.S. National Park Service, Alternative Transportation Program, Washington Support Office, 36 pp. (Agreement No. P12PG70503.) [Grand Canyon Railway, *passim*; but see particularly “Grand Canyon Railway, Grand Canyon National Park”, pp. 25-26.]

Pettengill, Peter R.

- NO DATE 14.1705 *Grand Canyon’s corridor trails : a study of visitor use and experience*. U.S. National Park Service, Grand Canyon National Park, i-viii, 9-34, [11] pp. **[July 2016.]**
- 2015 14.1706 Considering solitude in Grand Canyon’s corridor. *International Journal of Wilderness*, 21(2) (August): 20-24, 32.
- 2015 14.1465 The day use dilemma at Grand Canyon [ABSTRACT]. *In*: Fox, Susan, Phillipe, Chelsea, Hoover, Vicky, and Lambert, Lee, *Celebrating the 50th anniversary of the Wilderness Act : the National Wilderness Conference proceedings : Albuquerque, New Mexico, October 15-19, 2014*. [No imprint], pp. 258-259.
- 2017 14.1707 Understanding extended day use of corridor trails. *Park Science* (U.S. National Park Service), 33(1) (Winter 2016/2017): 84-90. [In print June 15, 2017.] [Grand Canyon.]

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- 2013 14.1100 Transportation as recreation: Extending the recreation opportunity spectrum [ABSTRACT]. *GWS2013 : Protected Areas in a Changing World, Denver, Colorado, March 11-15, 2013*. [No place]: George Wright Society.

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- 2018 14.1708 Assessing and managing trail use and endurance activities in Grand Canyon National Park, USA [ABSTRACT]. *In*: Dehez, Jeffrey (ed.-in-chief), *The 9th International Conference on Monitoring and Management of Visitors in Recreational and Protected Areas (MMV9) : place, recreation and local development : 29-31 August 2018, Bordeaux, France : abstract book*, p. 294.

Pfau Architecture Ltd.; AND Davis Langdon [firm]

- 2010 14.1237 *Conceptual design cost plan for Historic Boat Museum, Grand Canyon National Park, Grand Canyon, Arizona*. San Francisco: Pfau Architecture, Ltd., and Sacramento, California: Davis Langdon, 21 pp.

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- 2004 14.1238 *The Village Interpretive Center, Grand Canyon, AZ : National Park Service, April 17, 2004 : final concept plan presentation*. (Illustrations by Christopher Grubbs, graphic design by Public.) [No imprint] [San Francisco, etc.], 84 pp. (oversize format).

Phillips, Barbara G.; Johnson, Robert A.; Phillips, Arthur M., III; AND Brian, Nancy J.

- 1986 14.168 Monitoring the effects of recreational use on Colorado River beaches in Grand Canyon National Park. *Museum of Northern Arizona, Bulletin 55*, 131 pp.
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Phillips, Kelsey E., AND Rice, William

- 2023 14.1831 A scoping literature review of fairness and equity engagement in US river recreation allocation research. *International Journal of Wilderness*, 29(2) (December): 106-120. [See p. 109, note, *in passing*, of Colorado River trips, and figure 1, "Stewart Udall's family during a rafting trip down the Colorado River, 1967. It is documented that this trip helped motivate the passage of the Wild and Scenic Rivers Act of 1968."]

Phillips, Rich

- 2006 14.457 Do I have to fill the trip? *In*: The potential in potential alternate trip leaders. *The Waiting List* (Grand Canyon Private Boaters Association), 7(4) (Winter): 15.

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**Piatek, Jennifer L.; Thomas, Christian; Todd, Anna C.; Pritchard, Caroline E.; Morris, Malea;
Whitmeyer, Steven J.; Atchison, Christopher L.; Eriksson, Susan C.;
Marshall, Anita M.; Carabajal, Ivan G.; AND Pyle, Eric J.**

2016 14.1134 Virtual field trips as gateways to field-based experiences in geoscience and preservice education courses [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 48(7): Paper 67-16, doi:10.1130/abs/2016AM-285445.

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1998 14.1003 *Test plan: The I-40 TTIS (Traveler and Tourist Information System) tourist intercept survey*. Columbus, Ohio: Battelle, for U.S. Department of Transportation, Federal Highway Administration, [32] pp.

Pimentel, Nuno

2021 14.1709 Geoparques e parques geológicos; descubra as diferenças. *Revista de Ciência Elementar* (Lisboa), 9(3) (September): article 054 (doi.org/10.24927/rce2021.054), 5 pp. [Grand Canyon noted, p. 1.] [In Portuguese.]

Pinard, Melissa V.

2009 14.948 An out of classroom experience. *William and Mary Alumni Magazine* (College of William and Mary), (Fall): 46-49. [Geology 310 (Regional Field Geology) field trip experiences. Includes Grand Canyon.]

Pinter, Nicholas, AND Zhong, Raymond

2024 14.1854 Immersive science communication: Training graduate students in effective media and public communications while rafting the Colorado River [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 56(5), abstract 10-2 (<https://doi.org/10.1130/abs/2024AM-403751>). [Second author Zhong has no affiliation listed, but he is a climate and environmental-issues reporter for the *New York Times* who had accompanied a Colorado River trip from Lees Ferry to Phantom Ranch with students and professors studying environmental concerns of the river corridor; see Zhong (2023, ITEM NO. 3.1996).]

Pitagora, Robby

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Ploussard, Q., AND Veselka, T. D. [Ploussard, Quentin M., AND Veselka, Thomas D.]

- 2019 14.1479 *Financial analysis of experimental releases conducted at Glen Canyon Dam during Water Year 2017.* Argonne, Illinois: Argonne National Laboratory, Energy Systems Division, 30, 4 pp. (ANL-19/18.)
- 2019 14.1480 *Financial analysis of experimental 2018 Glen Canyon Dam Bug Flow experiment.* Argonne, Illinois: Argonne National Laboratory, Energy Systems Division, 36, 4 pp. (ANL-19/19.)
- 2020 14.1710 *Financial analysis of experimental releases conducted at Glen Canyon Dam during Water Year 2019.* Argonne, Illinois: Argonne National Laboratory, Energy Systems Division, 32, 2, 2 pp. (ANL-20/80.)
- 2020 14.1711 *Financial analysis of the 2019 Glen Canyon Dam bug flow experiment.* Argonne, Illinois: Argonne National Laboratory, Energy Systems Division, 38, 5 pp. (ANL-20/81.)
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Poch, L. A.; Veselka, T. D.; Palmer, C. S.; Loftin, S.; AND Osiek, B.

- 2012 14.803 *Financial analysis of experimental releases conducted at Glen Canyon Dam during Water Year 2011.* Argonne, Illinois: Argonne National Laboratory, Decision and Information Sciences Division, 25 pp. (ANL/DIS-12-4.)
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Poe, Gregory L.; Severance-Lossin, Eric K.; AND Welsh, Michael P.

- 1994 14.452 Measuring the difference (X - Y) of simulated distributions: A convolutions approach. *American Journal of Agricultural Economics*, 76(4) (November): 904-915. [See "Application of the Convolutions Approach to DC-CVM Data" (dichotomous choice contingent valuation method), pp. 911-913; relating to white water rafting in Grand Canyon.]

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- 1997 14.424 Measuring the difference in mean willingness to pay when dichotomous choice contingent valuation responses are not independent. *Land Economics*, 73(2) (May): 255-267.
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Poirier, Bob

- 1999 14.256 The Grand Canyon Semester. *Boatman's Quarterly Review*, 12(4) (Winter): 8.
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Poll, Aile

- 2014 14.1684 *Gümnaasiumiõpilaste hinnang linnaurimise iseseisvale tööle Google Earthi abil. / Opinion of secondary school students about independent work with city studies using Google Earth.* Master's thesis, Tartu Ülikool [University of Tartu, Estonia], 35 [46] pp. [Principal focus is on Las Vegas and vicinity.] [In Estonian, with bilingual title and abstract.]
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- 2019 14.1500 Taking data. *University of Chicago Law Review*, 86(1) (January): 77-142. [See p. 134, remarks on the concept of “willingness to pay” with regard to atmospheric visibility and air pollution at Grand Canyon.]
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Pomeroy, Jeff

- 1999 14.169 Grand Canyon Youth. *Boatman’s Quarterly Review*, 12(2) (Spring): 7.
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Poppenga, Sandra

- 2018 14.1339 Sandra Poppenga; Geographer with the Earth Resources Observation and Science Center in Sioux Falls, South Dakota. *In*: Aragon-Long, Susan C., Burkett, Virginia R., Weyers, Holly S., Haig, Susan M., Davenport, Marjorie S., and Warner, Kelly L. A snapshot of women of the U.S. Geological Survey in STEM and related careers. *U.S. Geological Survey, Circular 1443*, p. 73. [Includes note, *in passing*, of inspiring visit to Hoover Dam.] [Science, Technology, Engineering, Mathematics.]
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Potochnik, Andre

- 1993 14.170 Further education of guides: Stalling or flying? *The News* (Grand Canyon River Guides), 6(3) (Late Summer): 23.

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- 2006 14.1616 Emerging Players in Recreation [PANEL]. (Andre Potochnik, moderator.) *In*: *Colorado River Symposium : Sharing the Risks: Shortage, Surplus and Beyond*. Sacramento, California: Water Education Foundation, pp. 60-71. [Panelists are listed in the order in which they first speak; their remarks interject thereafter.] [Volume information: Glenn Totten and Sue McClurg, eds.; transcript by Gateway Secretarial Services. Cover title: *September 28-30, 2005 : Colorado River Project : symposium proceedings : a project of the Water Education Foundation*. Spine title: *Colorado River Project Symposium : 2005*.]
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Powell, Robert Baxter

- 2005 14.614 *Nature-based tourism within protected areas: Effects of participation on knowledge, attitudes, values, and behaviors and the factors that influence these outcomes*. Doctoral dissertation, Yale University, 422 pp.

Powell, Robert B.; Kellert, Stephen; AND Ham, Sam

- 2009 14.570 Interactional theory and the sustainable nature-based tourism experience. *Society and Natural Resources*, 22(8): 761-776.
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Powell, Vicky Lynn

- 1988 14.171 Sociological data report. *In: Colorado River Investigations VI : July/August, 1987* (supervised by Stanley S. Beus, Steven W. Carothers, and Frank B. Lojko). Flagstaff, Arizona: Northern Arizona University, for U.S. National Park Service, Grand Canyon National Park, pp. 133-139.

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- 2015 14.1126 *The impact of the loss of electric generation at Glen Canyon Dam.* [No place]: Power Consulting, Inc., and Aesir Consulting, LLC, for Glen Canyon Institute, [i], viii, 35 pp. (May 1, 2015.) [Complete report (ITEM NOS. 14.1126-14.1128) also released [July 2016] with [6]-p. "Overview of Study Findings"; [150 pp. total].]
- 2016 14.1127 *The impact of the loss of electric generation at Glen Canyon Dam, Phase II: Financial impacts on existing electric consumers.* [No place]: Power Consulting, Inc., and Aesir Consulting, LLC, for Glen Canyon Institute, [ii], iv, 47 pp. (February 22, 2016.) [Complete report (ITEM NOS. 14.1126-14.1128) also released [July 2016] with [6]-p. "Overview of Study Findings"; [150 pp. total].]
- 2016 14.1128 *Addendum to: The impact of the loss of electric generation at Glen Canyon Dam, Phase II: Financial impacts on existing electric consumers.* [No place]: Power Consulting, Inc., and Aesir Consulting, LLC, for Glen Canyon Institute, [ii], 44, 1 pp. (May 9, 2016.) [Complete report (ITEM NOS. 14.1126-14.1128) also released [July 2016] with [6]-p. "Overview of Study Findings"; [150 pp. total].]

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- 1993 14.1199 *Power system impacts of potential changes in Glen Canyon power plant operations : final report, October 1993.* [No place]: Power Resources Committee, SEPARATELY PAGINATED SECTIONS.

Preziosi, Kristine, AND Lotz, Erin

- 2013 14.893 Celebrating 45 years of Wilderness Orientation. *Transitions* (Prescott College), (Fall): 14-16. [Wilderness Orientation Program at Prescott College; includes notes of Grand Canyon.]

Price, Keith

- 2001 14.300 The boatmen. *Boatman's Quarterly Review*, 14(3) (Fall): 12.

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- 2008 14.844 Introducing river tourism. *In*: Prideaux, Bruce, and Cooper, Malcolm (eds.), *River tourism*. Wallingford, Oxfordshire, United Kingdom, and Cambridge, Massachusetts, CAB International, pp. 1-22.

Prieur, Vincent

- 1976 14.744 De New Harmony à Twin Oaks; a propos de quelques récurrences dans l'histoire des mouvements communautaires américains. *Le Mouvement Social* (Association Le Mouvement Social, Paris), (94) (January/March): 31-57. [See p. 51, Grand Canyon, *in passing*.] **[In French.]**

Proctor, Katie

- 2020 14.1557 [". . . about what it's like being a mama in quarantine.""] *In*: *QuaranZine* [FEATURE]. *Boatman's Quarterly Review*, 33(2) (Spring [*sic*, Summer]): 49. ["The Grand Canyon Relief Coalition developed the *QuaranZine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with." (From Margeaux Bestard's introductory note to *QuaranZine*.)]

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- 2005 14.1045 *Discover a watershed : the Colorado River*. Bozeman, Montana: Project WET International, map, 1 sheet. (Cartography by T. Thatcher; photographs by Justin Howe except where noted.) [26 × 38-inch poster map of the Colorado River basin.] [Project WET = Water Education for Teachers.]
- 2005 14.1776 *Discover a watershed : the Colorado River*. Bozeman, Montana: Project WET International, map, 1 sheet. (Cartography by T. Thatcher; photographs by Justin Howe except where noted.) [26 × 38-inch poster map of the Colorado River basin.] [Project WET = Water Education for Teachers.] [This version with textual material in **Spanish.**]

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- NO DATE 14.1046 *Descubre una cuenca : el Río Colorado : guía para educadores*. Bozeman, Montana: Discover a Watershed, Project WET International Foundation, 422 pp. (Serie Descubre una Cuenca.) **[In Spanish.]**
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- 2005 14.1047 *Discover a Watershed: The Colorado : educators guide*. Bozeman, Montana: Discover a Watershed, xxxiv, 422 pp. (Discover a Watershed Series.) [Water Education for Teachers.]

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- 2020 14.1539 Moonbow. *In: QuaranZine* [FEATURE]. *Boatman's Quarterly Review*, 33(2) (Spring [sic, Summer]): 29. ["The Grand Canyon Relief Coalition developed the *QuaranZine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with." (From Margeaux Bestard's introductory note to *QuaranZine*.)]

Pyle, Eric J.; Semken, Steven; AND Darling, Andy

- 2018 14.1504 (WITH Juk Bhattacharyya, Don Duggan-Haas, Amy Pallant, and Kristen St. John) Closing the loop: Communication for transformation of geoscience teaching practice. *In: St. John, K. (ed.), Community framework for geoscience education research*. [No place]: National Association of Geoscience Teachers, pp. 151-155, https://doi.org/10.25885/ger_framework/13. [See p. 152, brief note of Trail of Time, Grand Canyon.]

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Quarry, Steve, AND Quarry, Debi

- 2011 14.689 A member's perspective on Grand Canyon Trust. *Colorado Plateau Advocate*, (Spring/Summer): 22.

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Rabbany, Md. Ghulam; Afrin, Sharmin; Rahman, Airin; Islam, Faijul; AND Hoque, Fazlul

- 2013 14.1004 Environment effects of tourism. *American Journal of Environment, Energy and Power Research*, 1(7) (September): 117-130. [Grand Canyon, see pp. 121, 125.]

Rademacher, Craig; Gadoski, Amanda; Gray, Zachary; Minard, Matena; AND Treusch, Eric

- 2008 14.1159 New media in the national parks. *Ranger* (Association of National Park Rangers, Journal), 24(3) (Summer): 20-22. [See "Best Podcasts", which includes "Hiking Grand Canyon" podcast on Apple TV.]

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- 1982 14.172 *Estimating the demand for environmental preservation*. Doctoral dissertation, University of Wyoming, 191 pp.
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Ramsey, Grace Fisher

- 1922 14.700 School courses vitalized by the American Museum; how the work of visiting classes gains added significance. *Natural History*, 22 (March/April): 179-192. [American Museum of Natural History. See p. 179: "They know the Grand Cañon not only from the beautifully colored lantern slides but also from the model in the geology hall." (ENTIRE NOTE)]
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Rand, Judy

- 2001 14.639 The 227-mile museum, or, why we need a Visitors' Bill of Rights. *Visitor Studies*, 9(1): 8-26.
- 2001 14.640 The 227-mile museum, or, why we need a Visitors' Bill of Rights. *Curator*, 44(1) (January): 7-13.
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Randall, David

- 2018 14.1431 *Beach books: 2017-2018 : what do colleges and universities want students to read outside class?* [No place]: National Association of Scholars, 584 pp. [including wraps]. [See "Appendix VII: Assignments, 2007/2008–2017/2018"; specifically, "Colorado Mountain College (CO) 2009/2010-present" (p. 267), which list includes "2017/2018: *No Barriers: A Blind Man's Journey to Kayak the Grand Canyon* (2017)/Erik Weihenmayer" (ENTIRE NOTE); and "Utah State University (UT) 2003/2004-present" (p. 476), which list includes "2015/2016: *The Emerald Mile: The Epic Story of the Fastest Ride in History through the Heart of the Grand Canyon* (2013)/Kevin Fedarko" (ENTIRE NOTE).]
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Rankin, Rachel

- 2020 14.1536 Full armour. *In: QuaranZine* [FEATURE]. *Boatman's Quarterly Review*, 33(2) (Spring [sic, Summer]): 26. ["The Grand Canyon Relief Coalition developed the *QuaranZine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with." (From Margeaux Bestard's introductory note to *QuaranZine*.)]
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Ranney, Helen

- 2010 14.653 GCA Travelin' Trunks; making a difference one classroom at a time. *Canyon Views* (Grand Canyon Association), 16(3) (Fall): 9.
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GRAND CANYON–LAKE MEAD REGION

Ranney, Wayne

- 2014 14.968 On being a trail guide in Grand Canyon. *In: Kempa, Rick (ed.), On foot : Grand Canyon backpacking stories.* Flagstaff, Arizona: Vishnu Temple Press, pp. 203-213.
- 2016 14.1133 Earth-based education in the cathedral of time: Strategies learned while working as a geologic interpreter in the Grand Canyon [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 48(7): Paper 285-5, doi:10.1130/abs/2016AM-279124.
- 2019 14.1406 Engaging the public in geology and geoscience: Techniques learned using the history of ideas on the origin of Grand Canyon [ABSTRACT]. *In: Karlstrom, Karl E., Crossey, Laura J., Semken, Steven, Stoeberl, Todd, and Calhoun, Jeanne (convenors), Grand Canyon Geology and Geoscience Education Public Symposium, April 18-20, 2019 : in honor of Grand Canyon National Park's 2019 centennial celebration, Earth Day 2019, and the 150th anniversary of John Wesley Powell's 1869 pioneering Colorado River expedition.* [No imprint], pp. 30-31.
- 2019 14.1473 A lifetime of geologic education in earths [sic] grandest canyon [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 51(5): Paper No. 75-11 (<https://gsa.confex.com/gsa/2019AM/meetingapp.cgi/Paper/340640>).
- 2020 14.1631 New Ranney Scholarship established to support non-traditional geoscience education. *Division of Geoscience Updates* (Northern Arizona University), (Winter): 5. [Wayne and Helen Ranney Geoscience Educator Scholarship.]
- 2020 14.1514 The future effects of a variable climate at Grand Canyon National Park: What will tomorrow bring? *Canyon Views* (Grand Canyon Conservancy), 27(1) (Spring/Summer): 18-25. [Includes remarks on recreation and park visitation.]
- 2020 14.1563 We were made for this. *In: QuaranZine* [FEATURE]. *Boatman's Quarterly Review*, 33(2) (Spring [sic, Summer]): 56. ["The Grand Canyon Relief Coalition developed the *QuaranZine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with." (From Margeaux Bestard's introductory note to *QuaranZine*.)]

Ranney, Wayne, AND Quartaroli, Richard

- 2020 14.1613 The Dick McCallum Scholarship for GCY. *Boatman's Quarterly Review*, 33(4) (Winter 2020-2021): 6. [Grand Canyon Youth.]

Rantala, Outi; Salmela, Tarja; Valtonen, Anu; AND Höckert, Emily

- 2020 14.1699 Envisioning tourism and proximity after the Anthropocene. *Sustainability* (MDPI: Multidisciplinary Digital Publishing Institute, Basel, Switzerland), 12(3948), doi:10.3390/su12103948, 16 pp. [Focusing on geological walks in the Pyhä National Park in Finnish Lapland, but see p. 8: "Rocks and stone are . . . agentic in the sense that they have the power to attract visitors The world is full of similar examples—the Grand Canyon, for instance, provides a case in point." Grand Canyon is not thereafter mentioned, but the following paragraph discusses people's interactions with rocks.]

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Rapoza, Amanda S.

- 2012 14.782 *Exposure response study data collection : preliminary report.* [No place]: John A. Volpe National Transportation Systems Center, 25 pp. ("The work performed at Grand Canyon National Park in April 2011 is part of a larger research program intended to provide the FAA [Federal Aviation Administration] and NPS [National Park Service] with a tool to assist them in the assessment of impacts of aircraft noise exposure on park visitors' experience.")
- 2013 14.1101 Aviation noise exposure: Impacts on visitor experience and soundscape perception [ABSTRACT]. *GWS2013 : Protected Areas in a Changing World, Denver, Colorado, March 11-15, 2013.* [No place]: George Wright Society. [Surveys include Grand Canyon National Park.]

Rapoza, Amanda S.; Fleming, Gregg G.; Lee, Cynthia S. Y.; AND Roof, Christopher J.

- 2005 14.1741 *Study of visitor response to air tour and other aircraft noise in national parks.* Cambridge, Massachusetts: U.S. Department of Transportation, Research and Special Programs Administration, John A. Volpe National Transportation Systems Center, Environmental Measurement and Modeling Division, Acoustics Facility, 93 pp. (DTS-34-FA65-LR1. DTS-34-FP01-LR1.) [Includes Grand Canyon National Park.]

Rapoza, Amanda S.; Lewis, Kristin C.; Sudderth, Erika A.; Lee, Cynthia S. Y.; AND Hassol, Joshua

- 2016 14.1826 *Human response to aviation noise: Development of dose-response relationships for backcountry visitors. Volume I: Study methods.* Cambridge, Massachusetts: U.S. Department of Transportation, Office of the Assistant Secretary for Research and Technology, John A. Volpe National Transportation Systems Center, Environmental Measurement and Modeling Division, for U.S. Federal Aviation Administration and U.S. National Park Service, 107 pp. (DOT-VNTSC-FAA-16-01; DOT-VNTSC-NPS-16-01; DOT/FAA/AEE/2016-25.) ("Report Date March 2014". "Final Report".) [See section 4.3, "Grand Canyon National Park (GRCA), Arizona" (pp. 31-35), and throughout. Study sites with relationship to air tour corridors: Hermit Trail, Grandview Trail, Tusayan Ruins.] [No other volumes identified.]

Raz, Joseph

- 2004 14.481 The roll of well-being. *Philosophical Perspectives*, 18: 273-294. [Grand Canyon, see p. 274.]

Redfoot, Donald L.

- 1984 14.1013 Touristic authenticity, touristic angst, and modern reality. *Qualitative Sociology*, 7(4) (Winter): 291-309. [Grand Canyon, see p. 294.]

Reeder, Benjamin Brian

- 2012 14.839 *The Colorado River beyond resource : habitat, home and restoration connecting generations moving downstream.* Master's thesis, University of Utah, 72 pp.

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Reglero Miguel, Sara

- 2017 14.1316 *Análisis de viabilidad económica de obras de ingeniería civil considerando sus impactos sobre el sector turístico.* Thesis, Grado en Ingeniería Civil, Universidad de Cantabria, Santander, Spain, 84 pp. [See "Skywalk" (p. 18) (Grand Canyon Skywalk, Hualapai Indian Reservation); "Presa Hoover" (pp. 19-20).] [In Spanish.]

Reiff, Sandy Nevills

- 2006 14.447 The Whale Foundation presents: Denial—Wish it was only a river in Egypt. *Boatman's Quarterly Review*, insert accompanying 19(3) (Fall), [2] pp.
- 2007 14.465 How did we get here in the first place and where are we going from here? *Boatman's Quarterly Review*, 20(1) (Spring 2006-2007) [sic]: unpaginated insert, [2] pp. [Whale Foundation Health Services Committee.]

Reischmann, Jost

- 1986 14.791 Learning "en passant": The forgotten dimension. *Conference of the American Association of Adult and Continuing Education, Hollywood, Florida, October 23, 1986*, 7 pp. [See p. 4, "Grand—this Canyon".]
- 2008 14.944 Learning to the power of ten—who is offering more? *In: Study on the move, for everyone, anytime, anywhere! A source book for informal learning.* [No place]: Paritätisches Bildungswerk NRW, pp. 22-30. [Grand Canyon, see pp. 23, 24.]

Ren, Simon

- 2007 14.911 President's message; more teachers. *Inside ASHRAE* (American Society of Heating, Refrigerating and Air Conditioning Engineers, Detroit Chapter), 34(8) (May 18): 2. [Includes quotations and remarks from "those who have taught me." Includes "My niece, Monica: never tell a 15-year old girl that there are no restrooms in the Grand Canyon." (ENTIRE NOTE)]

Reyes Sánchez, Oscar; Valdez Salas, Benjamín; Schorr Wiener, Michael; Rivas López, Moisés; AND Ortiz Marín, Manuel

- 2005 14.1048 El estudio del desierto en instituciones de educación superior: Aspectos científicos, humanos y tecnológicos. *Revista de la Educación Superior* (México), 34(3) (July/September): 121-127. [In Spanish.]

Reynolds, Erin

- 2023 14.1781 Erin Reynolds: Choreographer, dancer, lecturer, educator; Artist in Residence, September-November 2021. *In: Artist and Astronomer in Residence Updates* [SECTION]. *Canyon Views* (Grand Canyon Conservancy), 30(1) (Winter): 28. [Interview format.]

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Rice, Will

- 2020 14.1759 Wrestling with the paradox: Social science in the national parks. *Ranger* (Association of National Park Rangers, Journal), 36(2) (Spring): 8-9. [Regarding visitor experiences and education pertaining to the restoration of environmental conditions. Item is illustrated with a photo, "The balance between visitor enjoyment and preservation remains complex, as shown in this trampled area in Grand Canyon National Park, Arizona." View is apparently at Cedar Ridge, South Kaibab Trail.]

Rice, William L.; Taff, B. Derrick; Morris, Sophie A.; Pan, Bing; Parkinson, Colby; AND Newman, Peter

- 2024 14.1844 Explorations of preferred and maximum booking windows among U.S. national park campers: Implications for improved fairness. *Tourism and Hospitality Research*, <https://doi.org/10.1177/14673584241237442>. [Survey data from randomly selected visitors at Mather Campground and viewpoints at Grand Canyon.]

Rice, William L.; Taff, B. Derrick; Newman, Peter; Zipp, Katherine Y.; AND Pan, Bing

- 2020 14.1845 Identifying recreational ecosystem service areas of concern in Grand Canyon National Park: A participatory mapping approach. *Applied Geography*, 125 (December), <https://doi.org/10.1016/j.apgeog.2020.102353>.

Richards, Merton T., AND Wood, D. Brent

- 1985 14.535 The economic value of sportfishing at Lees Ferry, Arizona. *In*: Johnson, R. Roy, Ziebell, C. D., Paton, D. R., Ffolliott, P. F. and Hamre, R. H. (eds.), *Riparian ecosystems and their management; reconciling conflicting uses; Proceedings of the First North American Riparian Conference, April 16-18, 1985, Tucson, Arizona. U.S. Forest Service, General Technical Report 120*, pp. 219-222.

Richardson, Virginia, AND Anders, Patricia L.

- 1998 14.495 A view from across the Grand Canyon. *Learning Disability Quarterly*, 21 (Winter): 85-. [Principally a metaphorical application to learning disability teachers, but article begins (p. 85) with an educator's view of the facilities and management of the two sides of Grand Canyon.]

Riddle, Mary, AND Schwer, R. Keith

- 2001 14.321 Grand Canyon visitors: the challenges of regulatory schemes for balancing alternative interests. *Natural Resources Journal*, 41(1) (Winter): 153-169.

Ridho, Shofwan; Aminah, Nonoh Siti; AND Supriyanto, Agus

- 2018 14.1571 The profile of tudents' scientific literacy competence skill at SMA Batik 2 Surakarta. *Jurnal Penelitian dan Pengembangan Pendidikan Fisika* (Universitas Negeri Jakarta), 4(2) (December): 47-54. [SMA: Sekola Mengengah Atas (Senior High School).] [Themes on the scientific literacy test include Grand Canyon; see notes, pp. 50, 51.] [Item in English.]

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GRAND CANYON–LAKE MEAD REGION

Riesenberg, Mindy, AND Giovanni, Melissa

- 2020 14.1515 Meet GCC Field Institute instructor: Melissa Giovanni. *Canyon Views* (Grand Canyon Conservancy), 27(1) (Spring/Summer): 28-29. [Geology.]
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Rist, Wally

- 2006 14.460 [Comment.] *In*: "Hey! Where are you camping tonight?" *The Waiting List* (Grand Canyon Private Boaters Association), 7(4) (Winter): 56.
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Robert, William E.

- 1994 14.1813 Response of national park visitors to the sounds of aircraft overflights [ABSTRACT]. *In*: 128th Meeting of the Acoustical Society of America, 28 November-2 December 1994, Austin, Texas (USA). *Acoustical Society of America, Journal*, 96(5, Supplement) (November): 3335.
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Roberts, Catherine A.

- 2001 14.301 Influence of low levels on recreational rafting traffic on the Colorado River within the Grand Canyon National Park [ABSTRACT]. *In*: *Colorado River Ecosystem Science Symposium 2001 : Little America Hotel, Flagstaff, Arizona, April 26 and 27, 2001 : organized by the Grand Canyon Monitoring and Research Center, U.S. Geological Survey. Program and abstracts*. [Flagstaff, Arizona: Grand Canyon Monitoring and Research Center], p. 32. (Glen Canyon Dam Adaptive Management Program.)
- 2001 14.302 Which camps are most popular and when? *The Waiting List* (Grand Canyon Private Boaters Association Quarterly), 5(2) (Summer): 8-9.
- 2002 14.602 A computer model for the Colorado River Management Plan. *River Management Society News*, (Winter): 6-7.
- 2002 14.1466 How can a computer program aid the Colorado River planning process? *The Waiting List* (Grand Canyon Private Boaters Association Quarterly), 5(4) (Winter 2001-2002): 6-8. [Distributed March 2002.]
- 2007 14.738 Environmental mathematical modeling: Grand Canyon. *Math Horizons*, 15(1) (September): 10-13. [Grand Canyon River Trip Simulator.]
- 2015 14.1467 Mathematics and planet earth [ABSTRACT]. *NEMATYC News* (New England Mathematical Association of Two-Year Colleges), 23(2) (Spring): 8. [Regarding the college course, Mathematics of Planet Earth. Notes that the presentation "will explore how mathematics helped the Grand Canyon National Park best schedule white-water rafting trips." (ENTIRE NOTE)]

Roberts, Catherine A., AND Bieri, Joanna A.

- 2001 14.316 *Impacts of low flow rates on recreational rafting traffic on the Colorado River in Grand Canyon National Park*. Study for U.S. Bureau of Reclamation, Grand Canyon

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GRAND CANYON–LAKE MEAD REGION

Monitoring and Research Center, 18 pp. + appendices [80 pp. total]. (Interagency Acquisition no. 00-AA-40-4330.)

Roberts, Catherine A., AND Gimblett, Randy

- 2001 14.307 Computer simulation for rafting traffic on the Colorado River. *In*: Riper, Charles van, III, Thomas, Kathryn A., and Stuart, Maureen A. (eds.), *Proceedings of the Fifth Biennial Conference of Research on the Colorado Plateau* (sponsored and organized by U.S. Geological Survey, Forest and Rangeland Ecosystem Science Center, co-sponsored by Northern Arizona University). [Flagstaff, Arizona]: U.S. Geological Survey, Forest and Rangeland Ecosystem Science Center, USGSFRESC/COPL/2001/24, pp. 19-30.
- 2015 14.1031 Computer simulation for rafting traffic on the Colorado River [ABSTRACT]. *In*: Riper, Charles van, III, Drost, Charles A., and Selleck, S. Shane (compilers), *A quarter century of research on the Colorado Plateau—A compilation of the Colorado Plateau Biennial Conference Proceedings for 1993-2015*. U.S. Geological Survey, *Open-File Report 2015-1115*, pp. 49-50.

Roberts, Catherine A.; Stallman, Doug; AND Bieri, Joanna A.

- 2002 14.317 Modeling complex human-environment interactions: the Grand Canyon River Trip Simulator. *Ecological Modelling*, 153(1/2): 181-196.

Robinson, Jim

- 2006 14.591 Alternative summer activities for disabled people. *The Disabled Rambler* (Disabled Ramblers, England/Wales), (July): [6-7]. [Includes brief essay on Colorado River trip through Grand Canyon (with take-out at Harper's Ferry [sic]).]

Roeder, Lynn

- 2001 14.1146 What's happening with Grand Canyon Youth? *Boatman's Quarterly Review*, 14(1) (Spring): 6.

Rogers, Jedediah Smart

- 2011 14.707 *Make straight in the desert a highway: Ideology and environmental conflict on the Colorado Plateau*. Doctoral dissertation, Arizona State University, 362 pp.

Rogers, Richard A., AND Schutten, Julie Kalil

- 2004 14.1422 The gender of water and the pleasure of alienation: A critical analysis of visiting Hoover Dam. *Communication Review*, 7(3): 259-283.

Rolston, Holmes, III

- 2002 14.808 From beauty to duty: Aesthetics of nature and environmental ethics. *In*: Berleant, Arnold (ed.), *Environment and the arts: Perspectives on environmental aesthetics*.

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Aldershot, Hampshire, United Kingdom, and Burlington, Vermont: Ashgate Publishing, pp. 127-141. [Grand Canyon, *passim*.]

Rose, A. J.

1982 14.175 River expedition report: Sociological data. *In: Colorado River Investigations I : July/August 1982*. Flagstaff: Northern Arizona University, and Museum of Northern Arizona, pp. 8-15.

Rose, Eben

1993 14.176 In kinship with tamarisk. *The News* (Grand Canyon River Guides), 6(1) (Winter 1992/1993): 29.

Rosenberg, G. D.

2000 14.287 More to earth science than meets the eye. *Journal of Geological Education*, 48(3): 279, 349-351.

Ross, David M., AND Malm, William C.

1986 14.869 Visual air quality and the national park visitor. *Park Science* (U.S. National Park Service), 6(2) (Winter): 14-15. [Includes data from Grand Canyon.]

Ross, Derek G.

2008 14.521 Dam visuals: The changing visual argument for the Glen Canyon Dam. *Journal of Technical Writing and Communication*, 38(1): 75-94.

Ross, Doug

1998 14.177 Canyon manners! *The Waiting List* (Grand Canyon Private Boaters Association), 2(1) (February): 7, 19. [Response by "MS"] Still waters do run deep. *In: Flipped Out [LETTERS SECTION]*, 2(4) (November): 26; and reply by Tom Martin, pp. 26-27.]

2000 14.288 Canyon manners. *The Waiting List* (Grand Canyon Private Boaters Association), Special Issue: 7. [NOTE: "A Special Edition of the Grand Canyon Private Boaters Association Quarterly Courtesy of Power Bar"; issue not mailed but distributed at Lees Ferry.]

2002 14.337 Canyon manners. *The Waiting List* (Grand Canyon Private Boaters Association Quarterly), 6(1) (Summer/Fall): 47. [Special Issue: Reflections—Five Years of Fun—A Waiting List Anthology.]

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Ross, H. C., AND Wolfe, S. E.

- 2016 14.1081 Life after death: evidence of the Hoover Dam as a hero project that defends against mortality reminders. *Water History*, 8(1) (March): 3-21.
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Ross-Bryant, Lynn

- 2013 14.1756 *Pilgrimage to the national parks : religion and nature in the United States*. New York: Routledge. (Routledge Studies in Religion, Travel, and Tourism, 1.) [See in Part II, "Seeing America in Grand Canyon and Glacier National Parks".]
- 2014 14.1757 A new mythic narrative for the national parks? *Ranger* (Association of National Park Rangers, Journal), 30(2) (Spring): 2-3. [About "religion in the national parks". Features the Easter sunrise services at Grand Canyon and the Shrine of the Ages.]
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Rossbacher, L. A.

- 2011 14.722 Snow globes, light shows and T-shirts: What is the most commercialized geologic site? Niagara Falls, Howe Caverns and the Grand Canyon certainly make the list. But where else, and what exactly defines commercialization? *Earth* (American Geological Institute), 56(8): 88.
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Roubik, Debra

- 2002 14.1350 *Tourism's impact on future transportation needs : final report 507(3)*. Glendale, Arizona: VisionEcon, for Arizona Department of Transportation, Phoenix, in cooperation with U.S. Federal Highway Administration, 23 pp. (Contract No. SPR-PL-1-(57) 507.) [Includes Grand Canyon and Lake Mead.]
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Rowlands, Peter G.

- 1993 14.1266 *Forecasting visitation at Grand Canyon National Park using time series analysis*. U.S. National Park Service, Cooperative Park Studies Unit, Northern Arizona University, Technical Report NPS/NAUGRCA/NRTR-93/03, 14 pp.
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Royer, Lawrence; Becker, William H.; AND Schreyer, Richard

- 1977 14.178 (EDS.) *Managing Colorado River whitewater: the carrying capacity strategy : proceedings of a symposium, January 16, 17, 18, 1975, Moab, Utah*. Logan, Utah: Institute for the Study of Outdoor Recreation and Tourism, Department of Forestry and Outdoor Recreation, Utah State University.
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Ruan, Yvette

- 2016 14.1174 Yvette Ruan, 1984; Grand Canyon National Park, Arizona. *From*: First-hand accounts [sidebar]. *In*: Gilpin, Lyndsey, How the Park Service is failing women; for decades, the agency tasked with safeguarding our greatest public lands has neglected to

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protect its workers from discrimination and abuse. *High Country News*, 48(21) (December 12): 17.

Ruban, D. A. [Рубан, Д. А.]

- 2006 14.1216 Стандартизация описания геологических памятников природы как важных объектов национального наследия [Standartizatsiya opisaniya geologicheskikh pamyatnikov prirody kak vazhnykh ob"yektov natsional'nogo naslediya]. A standardization of the description of geological natural monuments as important national heritage sites. *География и Природные Ресурсы (Академическое Издательство "Гео")* [Geografiya i Pripodnie Resursi (Akademicheskoe Izdatelstvo "Geo") (Novosibirsk)] [*Geography and Natural Resources (Academic Publishing "Geo")*], (2006) (3) (July/September): 166-168. ["A new form of description of geological natural monuments is suggested, which is necessary for systematizing our knowledge of natural geological heritage. It includes . . . recommendations for the legalization of [a site's] status, protection, reconstruction, and recreational development." (from the English abstract)] [Includes Grand Canyon.] [In Russian, with abstract also in English. Article title in English is from a separate English-language contents page.]

Ruberto, Thomas [Ruberto, Tom]

- 2019 14.1407 Implications of learning outcomes of in-person and virtual field-based geoscience instruction at Grand Canyon National Park [ABSTRACT]. *In*: Karlstrom, Karl E., Crossey, Laura J., Semken, Steven, Stoeberl, Todd, and Calhoun, Jeanne (convenors), *Grand Canyon Geology and Geoscience Education Public Symposium, April 18-20, 2019 : in honor of Grand Canyon National Park's 2019 centennial celebration, Earth Day 2019, and the 150th anniversary of John Wesley Powell's 1869 pioneering Colorado River expedition*. [No imprint], pp. 32-33.

Ruberto, Thomas; Mead, Chris; Semken, Steven; Bruce, Geoffrey; Buxner, Sanlyn; AND Anbar, Ariel D.

- 2017 14.1230 Contrasting, complementary learning outcomes of in-person and virtual field-based geoscience instruction at Grand Canyon National Park [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 49(6), Session 17, doi:10.1130/abs/2017AM-306229.

Ruberto, Thomas; Semken, Steven; Mead, Chris; Bruce, Geoffrey; Buxner, Sanlyn; AND Anbar, Ariel D.

- 2019 14.1468 Mixed-methods research on the implications of learning outcomes for in-situ and virtual geological field trips [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 51(5): Paper No. 52-5 (<https://gsa.confex.com/gsa/2019AM/meetingapp.cgi/Paper/340703>). ["In an initial study we compared learning outcomes of ipFT- and iVFT-based field instruction at Grand Canyon National Park in two undergraduate geosciences courses, one introductory and one upper-division."] [In-person field trip. Interactive virtual field trip.]

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Rudd, Connie

- 1995 14.1752 Molding visitor expectations: Beyond regulations. They shoot deer, don't they? *Ranger* (Association of National Park Rangers, Journal), 11(2) (Spring): 6-7. [Begins with, and includes two notes, *in passing*, regarding visitor education in light of deer at Grand Canyon being put down after a "steady diet of Cheetos, Fritos and candy . . . that have rendered the deer incapable of digesting natural vegetaton, and as a result, the animals are starving to death."]

Ruyle, George B.; Tronstad, Russell; Hadley, Diana W.; Heilman, Philip; AND King, David A.

- 2000 14.725 Commercial livestock operations in Arizona. *In*: Jemison, Roy, and Raish, Carol (eds.), *Livestock management in the American Southwest : ecology, society, and economics*. Amsterdam, Lausanne, New York, Oxford, Shannon, Singapore, and Tokyo: Elsevier, pp. 379-417. (Developments in Animal and Veterinary Sciences, 30.) [Includes Arizona Strip region.]

Ryan, Kathleen Jo

- 2007 14.511 Right to Risk. *Grand Canyon River Runner*, (5) (Fall): 4-5. ["Right to Risk" fifteen-day river trip through Grand Canyon with individuals who live with disabilities.]

S

S., M.

- 1998 14.179 Still waters do run deep [response to "Canyon manners!" by Doug Ross]. *In*: Flipped Out [LETTERS SECTION]. *The Waiting List* (Grand Canyon Private Boaters Association), 2(4) (November): 26. [See also response by Tom Martin, pp. 26-27.]

Sacco, Kalie; Falk, John H.; AND Bell, James

- 2014 14.1009 Informal science education: Lifelong, life-wide, life-deep. *PLoS Biology*, 12(11): e1001986, 3 pp. [Includes Trail of Time at Grand Canyon.]

Sadıç, Alper, AND Çam, Aylin

- 2015 14.1314 8.Sınıf öğrencilerinin epistemolojik inançları ile PISA başarıları ve fen ve teknoloji okuryazarlığı. Eight[h] grade students' epistemological beliefs with PISA success and their scientific literacy. *Bilgisayar ve Eğitim Araştırmaları Dergisi / Journal of Computer and Education Research* (Diyarbakır, Turkey), 3(5): 18-49. [Grand Canyon, pp. 32, 38, 40-42.] [In Turkish, with bilingual titles and abstract; and with Extended Summary in English, pp. 48-49.]

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Sadler, Christa

- 1992 14.180 Recycling: What's up? *The News* (Grand Canyon River Guides), 5(2) (Spring): 18.
- 1999 14.181 Grand Canyon Youth. *Boatman's Quarterly Review*, 12(1) (Winter 1998-1999): 44.

Sadler, Christa, AND Gershater, Burt

- 2012 14.774 Conflict—A key ingredient for creating harmony. *Boatman's Quarterly Review*, 25(2) (Summer): 32-33.

Sakakura, Mai; Tanaka, Akari; Fujino, Rika; Mishima, Misako; AND Okazaki, Masatetsu [坂倉真衣; 田中あかり; 藤野理香; 三島美佐子; 岡崎正哲]

- 2011 14.1124 実践報告：「地球カフェ」映像と実験で体感、すごいぞ！「グランドキャニオン」 [Jissen hōkoku: 'Chikyū kafe' eizō to jikken de taikan, sugoi zo! 'Gurandokyanion']. Earth Café: "Great! Grand Canyon": A practice report. 九州大学総合研究博物館研究報告 / *Kyushu University Museum, Bulletin*, 2011(9): 77-82. [Preliminary report on the Earth Café experimental video, "Amazing Grand Canyon!".] [In Japanese, with bilingual titles.]

Salvato, John

- 1986 14.182 River expedition report: Sociological data, Summer, 1985. *In*: House, Dorothy A. (ed.), *Colorado River Investigations IV : July/August, 1985* (supervised by Stanley S. Beus and Steven W. Carothers). Flagstaff, Arizona: Northern Arizona University, for U.S. National Park Service, Grand Canyon National Park, pp. 236-258.

Salz, Susanne, AND Figueroa, Diana Toledo

- NO DATE 14.627 (COMPILERS; WITH Elisabeth Villoutreix and Juliet Evans) *Take the test : sample questions from OECD's PISA assessments*. Paris: OECD Publishing, 219 pp. (OECD, Programme for International Student Assessment.) [See pp. 203-204, 266-267.] [Organisation for Economic Co-operation and Development.]

Sandis, Constantine

- 2012 14.958 The public expression of penitence. *Teorema* (Oviedo, Spain), 31(2): 141-152. [See p. 145, regarding the practice of treating a [judiciary] fine as just a [use] fee, with a theoretical example from the Grand Canyon; citing a 2009 lecture by M. Sandel.]

Sandoval, M. R.

- 1926 14.1669 Spanish citizens. An address given at a meeting of the Parent-Teacher Association, Grand Canyon, Arizona. *Child Welfare Magazine* (Philadelphia), 20(9) (May): 534.

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**Santucci, Vincent L.; Woods, James C.; Kenworthy, Jason P.; Clites, Erica C.; Mcdougal, Christine L.;
AND Camphire, Geoff**

- 2011 14.901 National Fossil Day: Celebrating the scientific and educational values of fossils [ABSTRACT]. *In*: Olstad, Tayra, and Aase, Arvid K. (eds.), Proceedings of the Ninth Conference on Fossil Resources. *Brigham Young University, Geology Studies*, 49(A): 30. [Includes note, *in passing*, of Grand Canyon Trail of Time exhibit.]

Sartain, Shannon

- 2023 14.1808 Grand Canyon Youth Partners in Science: Reflections from a scientist. *Boatman's Quarterly Review*, 36(4) (Winter 2023/2024): 22-25. [Partners in Science river trip program with Grand Canyon Youth. Sartain is a U.S. Geological Survey hydrologist with the Grand Canyon Monitoring and Research Center.]

Sauer, Connor

- 1994 14.320 After the next full moon. *Women and Therapy*, 15(3/4): 235-242. [Creating all-women river trips through the Grand Canyon.]

Scherbart, Ryan Jon

- 2012 14.1153 *Determinism, alief, and observer-dependent freedom: How to mitigate the consequences of deterministic thinking*. Doctoral dissertation, University of California at Santa Cruz, 158 pp. [See pp. 84-86, Case 1 under "Gendler's 4 Cases of Alief", which pertains to visual illusion in the Grand Canyon Skywalk experience (Hualapai Indian Reservation); see also pp. 90-93.] [Refer to Gendler (2008, [ITEM NO. 14.575](#)).]

Schiebel, Hayley; Hogan, Patricia; AND Lussier, Scott

- 2022 14.1788 Creating a service-learning concentration in environmental science: Lessons learned. *Journal of Service-Learning in Higher Education*, 15 (Summer): 83-98. [See p. 88, regarding a 300-level course, "The Civilian Conservation Corp and the American Landscape", which is associated with an alternative spring break trip that at times is a trip to the Grand Canyon where "student[s] and faculty advisors engage with park rangers in a variety of activities that help the park and teach the students. For example, in spring 2018 the students went to the Grand Canyon National Park and spent the week collecting plastic debris from the trails. Each day the students met with different park rangers to also learn about the local ecosystem . . ." No further remarks concerning Grand Canyon.]

Schindler, Kevin, AND Stevens, Bonnie

- 2014 14.1154 *Flagstaff Festival of Science: the first 25 years*. Flagstaff, Arizona: Aspen Digital Printing, 50 pp.

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Schlag, Pierre

- 2009 14.946 Spam jurisprudence, air law, and the rank anxiety of nothing happening (a report on the state of the art). *Georgetown Law Journal*, 97: 803-835. [See pp. 831-832, author's recollection of being a swamper with AZRA on a Colorado River trip through Grand Canyon, and comment on the "pervasively neurotic . . . structures of contemporary life."]

Schlissel, David

- 2017 14.1262 *End of an era: Navajo Generating Station is no longer economic : keeping the plant open through 2022 would require a \$740-million-to-\$1-billion subsidy; keeping it open through 2030 would require a \$1.4 to \$2.4 billion subsidy.* [Cleveland, Ohio]: Institute for energy Economics and Financial Analysis, 17 pp.

Schmeisser McKean, Rebecca L., AND Flood, Tim P.

- 2012 14.789 From fossils to volcanoes: Running a field trip course for undergraduates in northern Arizona [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 44(7): 180.

Schmidt, John C.

- 2004 14.981 The restoration response function as an organizing tool for evaluating success of river management programs [ABSTRACT]. *Eos* (American Geophysical Union, Transactions), 85(47, Fall Meeting Supplement), Abstract H52A-01.

Schmidt, Martin F., Jr.

- 1986 14.183 Cliffs and slopes: Interactive drawing of a profile of the Grand Canyon. *In*: Burger, H. Robert (ed.), Personal computer software for geological education. *National Association of Geology Teachers, Special Publication 1*, pp. 26-27. [NOTE: Computer program not discussed.]
≡ [CROSS-LISTINGS](#) | [CITED» GCNHA Monograph 8: page 3-81](#) |

Schraw, Gregory; Olafson, Lori; Weibel, Michelle; AND Sewing, Daphne

- 2012 14.904 Metacognitive knowledge and field-based science learning in an outdoor environmental education program. *In*: Zohar, Anat, and Dori, Yehudit Judy (eds.), *Metacognition in science education : trends in current research*. Dordrecht, Heidelberg, London, and New York: Springer, pp. 57-77. (Volume: Contemporary Trends and Issues in Science Education, 40.) [A "floating laboratory" in Lake Mead National Recreation Area.]

Schroeder, Fred E. H.

- 1986 14.1828 Interpreting and reinterpreting associative historic sites and artifacts. *American Association for State and Local History, Technical Information Service, Technical Report 6*, 16 pp. [See photo, p. 8, "In addition to historical associations, consider the

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historiography of associations. The watchtower at Grand Canyon National Park was conceived of in a climate of associations that are now known to have been mistaken. This sign is a straightforward reinterpretation that accepts the fact that obsolete views are legitimate parts of history.” (No separate text mention.)]

Schroeder, Susan E.

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| 2012 | 14.766 | From the Executive Director; Education. <i>Canyon Views</i> (Grand Canyon Association), 19(1) (Spring): 2. |
| 2017 | 14.1290 | From the CEO. <i>Canyon Views</i> (Grand Canyon Association), 24(3) (October): 2. [GCA’s involvement in children’s education.] |

Schuknecht, Catherine

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| 2016 | 14.1116 | National park MVPs; not just another pretty place—these national parks are employment engines. <i>Sierra</i> , (July/August):. [Includes Grand Canyon.] [Most Valuable Player.] |
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Schulze, William D., AND Brookshire, D.

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| 1983 | 14.427 | The economic benefits of preserving visibility in the national parklands of the Southwest. <i>Natural Resources Journal</i> , 23: 151-173. |
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Schulze, William D.; Ben-David, S.; Brookshire, David S.; AND Whitworth, R.

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| 1975 | 14.184 | The macroeconomic impact of energy development in the Lake Powell area. <i>Lake Powell Research Project, Bulletin 11</i> , 17 pp. (Los Angeles: University of California.) |
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Schulze, William D.; Brookshire, David S.; AND Thayer, Mark A.

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| 1981 | 14.758 | National parks and beauty: A test of existence values. <i>In: American Economic Association, Annual Meeting, Washington, D.C.</i> |
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Schulze, William D.; Brookshire, David S.; Walther, Eric G.; Kelley, Karen; Thayer, Mark A.; Whitworth, Regan L.; Ben-David, Shaul; Maim, William; AND Molenaar, John

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| 1985 | 14.1739 | <i>Methods development for environmental control benefits assessment : Volume VIII : the benefits of preserving visibility in the national parklands of the Southwest.</i> (Alan Carlin, Project Officer.) Washington, D.C.: U.S. Environmental Protection Agency, Office of Policy, Planning and Evaluation, Office of Policy Analysis, 138 pp. (EPA-230-12-85-026.) |
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Schulze, William D.; d’Arge, R. C.; AND Brookshire David S.

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| 1981 | 14.426 | Valuing environmental commodities: Some recent experiments. <i>Land Economics</i> , 57: 151-172. |
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Schuster, Rudolph

- 2023 14.1798 Agency information collection activities; science communication strategies related to mining activities. *Federal Register*, 88(115) (June 15): 39271-39272. [U.S. Geological Survey request for comment pertaining to data collection regarding “potential effects of uranium exploration and mining activities in the Grand Canyon watershed on people, wildlife, and water resources. [. . .] documenting the efficacy of existing mining-related science communication efforts to partners and advance USGS knowledge and use of communication methods to deliver actionable science to non-science audiences in the future.”]

Schwartz, Mary Jo

- 1988 14.1214 An 8000-mile, 38-day field trip for high-school students. *Journal of Geological Education*, 36: 177-181. [Western U.S. and Canada. Includes Grand Canyon.]

Schwartz, Stephan A.

- 2010 14.1604 Trends that will affect your future . . . The denier movements critique evolution, climate change, and nonlocal consciousness. *Explore* (The Journal of Science and Healing) (New York), 6(3) (May/June): 135-142. [See p. 135, remarks on the National Park Service’s public responses of “no comment” to questions regarding the age of the Grand Canyon, following objections of religious fundamentalists over the age of the canyon.] [Ellipsis is part of title.]
- 2010 14.1605 Epilogue: The antique roadshow: How denier movements critique evolution, climate change, and nonlocal consciousness. *In*: Krippner, Stanley, and Friedman, Harris L. (eds.), *Debating psychic experience : human potential or human illusion?* Santa Barbara, California: Praeger.
- 2011 14.1085 The antique roadshow: How denier movements debunk evolution, climate change, and nonlocal consciousness. *NeuroQuantology*, 9(1) (March): 118-128. (“This paper, presented at the American Psychological Association Annual Meetings, 4 August 2011 in Washington, D.C. had been previously published. A shorter slightly different version appeared as a paper in the journal *Explore*. [The Denier Movements Critique Evolution, Climate Change, and Nonlocal Consciousness](#) May 2010 6:3 pgs135-142 [*sic*]. This version was a chapter: The antique road show: How denier movements critique evolution, climate change, and nonlocal consciousness In *Debating psychic experiences: Human Potential or human illusion?* S. (Eds.) Krippner &H. Friedman. Santa Barbara, CA: Praeger, 2010. [*sic*]” [p. 118, *note*].) [See p. 125, remarks on the National Park Service’s public responses of “no comment” to questions regarding the age of the Grand Canyon, following objections of religious fundamentalists over the age of the canyon.]

Schwartz, Zvi; Stewart, William; AND Backlund, Erik A.

- 2012 14.754 Visitation at capacity-constrained tourism destinations: Exploring revenue management at a national park. *Tourism Management*, 33(3): 500-508. [Grand Canyon National Park.]

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Schwer, R. Keith; Gazel, R.; AND Daneshvary, Rennae

- 2000 14.259 Air-tour impacts: The Grand Canyon case. *Annals of Tourism Research*, 27(3): 611-623.
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Scoccia, Danny

- 1990 14.428 Utilitarianism, sociobiology, and the limits of benevolence. *Journal of Philosophy*, 87(7) (July): 329-345. [See p. 344.]
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Scoyen, E. T. [Scoyen, Eivind T.]

- 1926 14.185 Educational plans. *Grand Canyon Nature Notes*, 1(2) (April 7): 1-2.
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- 1994 14.186 Educational plans. *In*: Lamb, Susan (ed.), *The best of Grand Canyon Nature Notes*. Grand Canyon, Arizona: Grand Canyon Natural History Association, pp. xv-xvi. [Reprinted from *Grand Canyon Nature Notes*, April, 1926.]
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Scroggins, Jeff

- 2000 14.289 [Comments.] *In*: "Ice-ssay's," begging and etiquette, or . . . need ice? [FEATURE]. *The Waiting List* (Grand Canyon Private Boaters Association), 4(2) (Summer): 15-16. [Letter, gathered from gcboaters@songbird.com electronic list. Ellipsis is part of feature title.]
- 2000 14.290 [Comments.] *In*: "Ice-ssay's," begging and etiquette, or . . . need ice? [FEATURE]. *The Waiting List* (Grand Canyon Private Boaters Association), Special Issue: 9. [Letter, gathered from gcboaters@songbird.com electronic list. Ellipsis is part of feature title.] [NOTE: "A Special Edition of the Grand Canyon Private Boaters Association Quarterly Courtesy of Power Bar", not mailed but distributed at Lees Ferry.]
- 2002 14.333 [Comments.] *In*: "Ice-ssay's," begging and etiquette, or . . . need ice? [FEATURE]. *The Waiting List* (Grand Canyon Private Boaters Association Quarterly), 6(1) (Summer/Fall): 35. [Special Issue: Reflections—Five Years of Fun—A Waiting List Anthology.]
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Searl, Clyde C.

- 1931 14.187 The goal of Yavapai. *Grand Canyon Nature Notes*, 5(3) (January): 31-33. [Yavapai Observation Station.]
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Seavey, Mark

- 2016 14.1095 Spirits aligned; Hopi prayers deep in the Grand Canyon help young veterans wash away the evil. *The American Legion*, (April): cover, 30-38. [Wounded Warriors trip on Colorado River.]

Selig, Marcus; Vosick, Diane; AND Seidenberg, Joseph

- 2010 14.1023 (TECHNICAL EDS.) *Four Forest Restoration Initiative landscape strategy : economics and utilization analysis : report from the Four Forest Restoration Initiative stakeholder group to the USFS 4FRI planning team*. Flagstaff, Arizona: Grand Canyon Trust, and Northern Arizona University, Ecological Restoration Institute, 28 pp.

Sellers, Victoria; Smith, Emerson; Thompkins, Andrew; Moysey, Stephen M.; Boyer, D. Matthew; AND Mobley, Catherine

- 2017 14.1231 How to create virtual reality experiences for the geosciences: Three implementation examples contrasting accessibility, realism, and interactivity [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 49(6), Session 45, doi:10.1130/abs/2017AM-306060. [Virtual Reality Field Experiences project, Clemson University. "We designed the first experience using the Unity engine as an immersive virtual reality (VR) game that simulates aspects of field geology in the Grand Canyon."]

Semken, Steven [Semken, Steve]

- 2011 14.698 A sense of the American Southwest; place-based earth system science for diverse students. *In the Trenches* (National Association of Geoscience Teachers), 1(3) (July): 1-4.
- 2011 14.718 Implications of sense of place for earth-science interpretation in parks [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 43(5): 180.
- 2014 14.1275 Place-based teaching for earth system science literacy, sustainability, and sense of place in Arizona and the Southwest [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 46(6): 42.
- 2019 14.1395 Place-based teaching and learning at Grand Canyon: In-person and virtual [ABSTRACT]. *In: Mapping Grand Canyon Conference : February 28-March 1, 2019 : Arizona State University, Tempe*. [Tempe, Arizona: Arizona State University], p. 26. [NOTE: Video recordings of each presentation at this conference were posted online at this website: <https://lib.asu.edu/mapping-grand-canyon-conference/program> (March 2019).]
- 2019 14.1405 Place-based geoscience education, interpretation, and ethnogeology at Grand Canyon [ABSTRACT]. *In: Karlstrom, Karl E., Crossey, Laura J., Semken, Steven, Stoeberl, Todd, and Calhoun, Jeanne (convenors), Grand Canyon Geology and Geoscience Education Public Symposium, April 18-20, 2019 : in honor of Grand Canyon National Park's 2019 centennial celebration, Earth Day 2019, and the 150th anniversary of John Wesley Powell's 1869 pioneering Colorado River expedition*. [No imprint], pp. 28-29.

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Semken, Steven; Bhattacharyya, Juk; Duggan-Haas, Don; Pallant, Amy; AND Wigger, Jennifer

- 2018 14.1503 Research on instructional strategies to improve geoscience learning in different settings and with different technologies. *In*: St. John, K. (ed.), *Community framework for geoscience education research*. [No place]: National Association of Geoscience Teachers, pp. 95-113, https://doi.org/10.25885/ger_framework/9. [Photo collage (p. 95) includes Grand Canyon; however, there is no text mention.]

Semken, Steven; Bruce, Geoffrey; Anbar, Ariel D.; Buxner, Sanlyn; Karlstrom, Karl; AND Crossey, Laura J.

- 2015 14.1040 Complementary (not comparative) research on geoscience teaching and learning in virtual and in-situ field environments [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 47(7): 405.

Semken, Steven; Bruce, Geoffrey; Ruberto, Thomas; Mead, Chris; Buxner, Sanlyn; Anbar, Ariel D.; Crossey, Laura J.; AND Karlstrom, Karl E.

- 2019 14.1471 The future of geoscience education at Grand Canyon: More—and more diverse—learners will experience it by place-based and digital means [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 51(5): Paper No. 75-13 (<https://gsa.confex.com/gsa/2019AM/meetingapp.cgi/Paper/336857>).

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- 2007 14.1276 Timeline interpretation and time scale cognition experiments for the Trail of Time at Grand Canyon National Park [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 39(6): 562.
- 2007 14.1277 Timeline interpretation and time scale cognition experiments for the Trail of Time at Grand Canyon National Park [ABSTRACT]. *In*: Geoscience Information Society 2007 Annual Meeting, Denver Colorado October 27th-31th [*sic*]. *Geoscience Information Society Newsletter*, (227) (August): 11.

Semken, Steven; Chief, Karletta; Crossey, Laura; De Vore, Cherie; Karlstrom, Karl; Tallas, Nizhoni; Vázquez, Nieves; AND Myrbo, Amy

- 2024 14.1857 Indigenizing geoh heritage interpretation at Grand Canyon and beyond [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 56(5), abstract 58-6 (<https://doi.org/10.1130/abs/2024AM-404480>).

Semken, Steven; Dodick, Jeff; Ben-David, Orna; Pineda, Monica; Bueno Watts, Nievita; AND Karlstrom, Karl

- 2009 14.1000 Timeline and time scale cognition experiments for a geological interpretive exhibit at Grand Canyon. *National Association for Research in Science Teaching, 2009 Annual Meeting, Proceedings*, 8 pp. [Trail of Time.]

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Semken, Steven; Dodick, Jeff; Frus, Rebecca; Wells, Marcella; Perry, Deborah; Bryan, Judy; Williams, Michael; Crow, Ryan; Crossey, Laura; AND Karlstrom, Karl

2009 14.1042 Studies of informal geologic time learning at the “Trail of Time” in Grand Canyon National Park. *Informal Learning* (Informal Learning Experiences, Washington, D.C.), (99) (November/December): 1-5.

Semken, Steven; Freeman, Carol Butler; Bueno Watts, Nievita; Neakrase, Jennifer J.; Escobar Dial, Rebecca; AND Baker, Dale R.

2009 14.918 Factors that influence sense of place as a learning outcome and assessment measure of place-based geoscience teaching. *Electronic Journal of Science Education*, 13(2): 136-159. [Grand Canyon.]

Semken, Steven; Ruberto, Thomas; Mead, Chris; Bruce, Geoffrey; Buxner, Sanlyn; AND Anbar, Ariel D.

2016 14.1353 Complementary research on student geoscience learning at Grand Canyon by means of in-situ and virtual modalities [ABSTRACT]. *2016 Fall Meeting, San Francisco, California, 12-16 December*, Abstract ED43A-0844.

2017 14.1345 Learning outcomes of in-person and virtual field-based geoscience instruction at Grand Canyon National Park: complementary mixed-methods analyses [ABSTRACT]. *American Geophysical Union, 2017 Fall Meeting, New Orleans, Louisiana, 11-15 December*, Abstract ED31E-03.

Sethi, Parvinder, AND Wicander, Reed

2024 14.1819 Harnessing the power of ARC-GIS, StoryMap, and GigaPan technology for creating virtual field trips for teaching and learning physical geology [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 56(4): abstract 27-8 (<https://doi.org/10.1130/abs/2024CD-399499>). [To date nine Virtual Field Trips have been created, which cover various topics such as “Grand Canyon National Park (Geologic Time).”]

Seymour, Brett

2009 14.1834 Experiencing Your America: A new dimension [ABSTRACT]. *In: Rethinking Protected Areas in a Changing World : the 2009 George Wright Society Biennial Conference on Parks, Protected Areas, and Cultural Sites : program and abstracts*, p. 162. [Three-dimensional high-definition television programming includes “the submerged B29 Superfortress at Lake Mead NRA.”]

Shafer, Jonathan M.

2019 14.1464 *Wild by design : the technological construction of authenticity, wilderness, and nature in America’s national parks, 1860-1945*. Doctoral dissertation, Auburn University, 438 pp. [Grand Canyon noted throughout.]

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- 2004 14.674 "The West plays West": Western tourism and the landscape of leisure. *In*: Deverell, William (ed.), *A companion to the American West*. Malden, Massachusetts: Blackwell, pp. 375-389.

Sharpe, Erin K.

- 2001 14.1689 Encounters and the guided group trip: Going "on the scene" to examine the situational interpretation of encounters. *In*: Todd, Sharon (ed.), Proceedings of the 2001 Northeastern Recreation Research Symposium, April 1-3, 2001, Bolton Landing, New York. *U.S. ForestService, Northeastern Research Station, General Technical Report NE-289*, pp. 98-104. [See "Past Research on Guided Group Encounters" (pp. 99-100), which includes Grand Canyon land and river examples.]

Sharpe, Tom; Howe, Stephen; AND Howells, Cindy

- 1998 14.1591 Gallery review: Setting the standard? The earth galleries at the Natural History Museum, London. *Geological Curator* (Geological Curators' Group, Geological Society, London), 6(10) (December): 395-403. [See p. 399: "The gallery at times is a curious mix; there are many things to do and touch, but there are also odd features like a panoramic window beyond which is a photograph of the Grand Canyon in Arizona (at least, it is labelled as such; it is actually the Goosenecks of the San Juan River in Utah). It is not at all clear what the function of this exhibit is." (ENTIRE NOTE)]

Shearin, Laura

- 2020 14.1543 Finding legacy. *In*: *QuaranZine* [FEATURE]. *Boatman's Quarterly Review*, 33(2) (Spring [*sic*, Summer]): 32-33. ["The Grand Canyon Relief Coalition developed the *QuaranZine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with." (From Margeaux Bestard's introductory note to *QuaranZine*.)]

Shelby, Bo [Shelby, Byron Bruce]

- 1976 14.188 *Social and psychological effects of crowding in wilderness : the case of river trips in the Grand Canyon*. Doctoral dissertation, University of Colorado at Boulder, 193 pp.
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- 1980 14.190 Contrasting recreational experiences: Motors and oars in the Grand Canyon. *Journal of Soil and Water Conservation*, 35(3): 129-131.
- 1980 14.519 Crowding models for backcountry recreation. *Land Economics*, 56(1) (February): 43-55.
- 1981 14.191 Encounter norms in backcountry settings: Studies of three rivers. *Journal of Leisure Research*, 13(2): 129-138.

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- 1982 14.192 Encounter measures in carrying capacity research: actual, reported, and diary contacts. *Journal of Leisure Research*, 14(4): 350-360.

Shelby, Bo, AND Danley, Mark S.

- 1980 14.193 Allocating river use. *U.S. Forest Service, Technical Report R-6-Rec-059*.

Shelby, Bo, AND Heberlein, Thomas A.

- 1986 14.194 *Carrying capacity in recreation settings*. Corvallis, Oregon: Oregon State University Press.

Shelby, Bo, AND Harris, Richard

- NO DATE 14.195 Monitoring social impacts of river management in Grand Canyon: 1980 patrol trips. *Oregon State University, Cooperative Park Studies Unit, Report 81-3*, contract no. CX821000021.

Shelby, Bo, AND Nielsen, Joyce M.

- 1976 14.196 *Design and method of the sociological research in the Grand Canyon*. Grand Canyon, Arizona: Human Ecology Research Services, 32 pp. + appendices. (*Colorado River Research Program, Technical Report 1*, Grand Canyon National Park Colorado River Research Series, Contribution 30; under contract to U.S. National Park Service as River Contract Study Final Report, Part 1; National Technical Information Service accession no. PB 267760/AS.)
 ≡ CROSS-LISTINGS |CITED» GCNHA Monograph 8: page 7-17|
- 1976 14.197 *Motors and oars in the Grand Canyon*. Grand Canyon, Arizona: Human Ecology Research Services, 46 pp. + appendices. (*Colorado River Research Program, Technical Report 2*, Grand Canyon National Park Colorado River Research Series, Contribution 31; under contract to U.S. National Park Service as River Contract Study Final Report, Part 2; National Technical Information Service accession no. PB 267730/AS.)
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- 1976 14.198 *Levels and crowding in the Grand Canyon*. Grand Canyon, Arizona: Human Ecology Research Services, 51 pp. + appendices. (*Colorado River Research Program, Technical Report 3*, Grand Canyon National Park Colorado River Research Series, Contribution 32; under contract to U.S. National Park Service as River Contract Study Final Report, Part 3; National Technical Information Service accession no. PB 267745/AS.)
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- 1976 14.199 *Private and commercial trips in the Grand Canyon.* Grand Canyon, Arizona: Human Ecology Research Services, 32 pp. + appendices. (*Colorado River Research Program, Technical Report 4*, Grand Canyon National Park Colorado River Research Series, Contribution 33; under contract to U.S. National Park Service as River Contract Study Final Report, Part 4; National Technical Information Service accession no. PB 267729/AS.)
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- 2007 14.554 Trips, people, or user days: What should I know about river use? *River Management Society News*, 20(3) (Fall): 16.
- 2007 14.555 "Shortening" the Grand Canyon—what difference does "access" make? *River Management Society News*, 20(3) (Fall): 17.
- 2007 14.556 Camp competition: Understanding demand, supply, and campsite occupancy. *River Management Society News*, 20(3) (Fall): 18-19.
- 2020 14.1584 Intended versus unintended effects during riparian restoration create high quality recreation habitat. *In*: Johnson, R. Roy, Carothers, Steven W., Finch, Deborah M.; Kingsley, Kenneth J., and Stanley, John T. (technical eds.), Riparian research and management: Past, present, future: Volume 2. *U.S. Forest Service, Rocky Mountain Research Station, General Technical Report RMRS-GTR-411*, pp. 250-268.

Shelby, Bo; Brown, Thomas C.; AND Baumgartner, Robert M.

- 1992 14.200 Effects of streamflows on river trips on the Colorado River in Grand Canyon, Arizona. *Rivers*, 3(3): 191-201.

Shelby, Bo; Brown, Thomas C.; AND Taylor, Jonathan G.

- 1992 14.201 Streamflow and recreation. *U.S. Forest Service, Rocky Mountain Forest and Range Experiment Station, General Technical Report RM-209*, 27 pp.

Shelby, Bo; Danley, Mark S.; Gibbs, Kenneth C.; AND Petersen, Margaret E.

- 1982 14.202 Preferences of backpackers and river runners for allocation techniques. *Journal of Forestry*, 80(7): 416-419.

Shelby, Bo; Heberlein, Thomas A.; Vaske, Jerry J.; AND Alfano, Geraldine

- 1983 14.598 Expectations, preferences, and feeling crowded in recreation activities. *Leisure Sciences*, 6(1): 1-14.

Shelby, Bo; Vaske, J. J.; AND Heberlein, T. A.

- 1989 14.482 Comparative analysis of crowding in multiple locations: results from fifteen years of research. *Leisure Sciences*, 11: 269-291.

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- 2010 14.1433 (PRIMARY AUTHORS) *Coal plants in transition: An economic case study*. [No place]: Natural Capitalism Solutions, [iv], 52 pp. [Authors indicated in "Acknowledgements", p. [ii].] [Includes Navajo Generating Station.]
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Shelton, Ashley

- 2013 14.836 Geography of family. *In: California Geographic Society, 2013 Conference, San Luis Obispo, Poster abstracts*, pp. 3-4. [Very large annual family reunion at Mount Trumbull.]
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Shephard, Heidi

- 2020 14.1558 Reminders from the desert during COVID-19. *In: QuaranZine* [FEATURE]. *Boatman's Quarterly Review*, 33(2) (Spring [*sic*, Summer]): 50-51. [Illustrated with watercolor paintings.] ["The Grand Canyon Relief Coalition developed the *QuaranZine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with." (From Margeaux Bestard's introductory note to *QuaranZine*.)]
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Sherman, Thea

- 2020 14.1561 Feeling stuck and getting unstuck. *In: QuaranZine* [FEATURE]. *Boatman's Quarterly Review*, 33(2) (Spring [*sic*, Summer]): 55. ["The Grand Canyon Relief Coalition developed the *QuaranZine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with." (From Margeaux Bestard's introductory note to *QuaranZine*.)]
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Shinn, Peggy McKay

- 2001 14.603 A video game for rangers; software may help public-lands officials prevent backcountry congestion. *Backpacker*, 29(3) (April) (194): 29. [RBSimII (Recreation Behavior Simulator, version 2).]
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Shore, Dave

- 2004 14.372 Guide is a verb. *In: Back of the Boat—The Whale Foundation News Bulletin* [SECTION]. *Boatman's Quarterly Review*, 17(3) (Fall): 8-9.
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Shropshire, David Richard

- 1989 14.810 *Feasibility of a helicopter commuter service*. Master's thesis, University of Arizona, 70 pp. [Includes Grand Canyon-Supai service.]
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Siebert, Anne, AND Clark, Raymond C.

- 2007 14.541 *Where in the world : read, write, speak, listen, and visit 30 great places on planet Earth.* Brattleboro, Vermont: Pro Lingua Associates, 200 pp., CD. [Includes Grand Canyon.]
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Sikoryak, Kim E.

- 2004 14.1750 Science and creationism in park interpretation. *Ranger* (Association of National Park Rangers, Journal), 20(3) (Summer): cover, 1, 2-3. [Illustrated with the cover of Tom Vail's *Grand Canyon: a different view.*]
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Simoni, Smaranda

- 2014 14.1569 Analyzing an ecotourism destination: Grand Canyon National Park. *Lucrări Științifice, Seria I, Management Agricol* (Universitatea de Științe Agricole și Medicină Veterinară a Banatului Facultatea de Management Agricol, Iași, Romania), 16(4): 5-11. [In English.]
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Simpson, Stephanie N.

- 2007 14.672 *Willingness to pay for a clear sky: Use of the Contingent Valuation method.* Master's thesis, Rochester Institute of Technology, 124 pp. [Grand Canyon, see pp. 36-37.]

Simpson, Stephanie N., AND Hanna, Brid Gleeson

- 2010 14.673 Willingness to pay for a clear sky: use of the Contingent Valuation method. *Applied Economics Letters*, 17(11): 1095-1103.
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Singh, Amrita

- 2015 14.1850 *Water woes in the West: A spatial hedonic approach.* Doctoral dissertation, University of California at Irvine, 164 pp. [Economic perspective, including Salton Sea and Lake Mead.]

Singh, Amrita, AND Saphores, Jean Daniel

- 2017 14.1347 The economic costs of a shrinking Lake Mead: A spatial hedonic analysis [ABSTRACT]. *American Geophysical Union, 2017 Fall Meeting, New Orleans, Louisiana, 11-15 December*, Abstract PA24A-05. [Pertaining to property values in the region.]
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Sisson, Virginia, AND Hauptvogel, Daniel

- 2021 14.1673 Telling the story of earth using placed [*sic*] based exercises for historical geology [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 53(6): Abstract 244-13, doi:10.1130/abs/2021AM-371075. [Place-based exercises. Notes Grand Canyon as an example.]
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Skår, Margrete, AND Köhler, Berit

- 2018 14.1318 Utvidet miljødesign: Ulike metoder for kunnskapsutvikling om rekreasjonsinteresser og landskapsopplevelse i og langs regulerte elver og vassdrag. *HydroCen Rapport* (Norwegian Research Centre for Hydropower Technology, Lillehammer, Norway [Gløshaugen, Trondheim, Norway]), (2), 55 pp. [See section 5.1, "Visuell representasjon av reelle steder med varierende hydrauliske eiler hydromorfologiske tilstander" (pp. 24-26), regarding the evaluation of scenic beauty, which reviews the work of Meitner (2004, [ITEM NO. 14.388](#)) on the Colorado River in Grand Canyon.] [Name of NRCHT in English, thus.] [\[In Norwegian.\]](#)

Skelton, Stephen

- 2000 14.357 EEOP sponsors Summer Scholar program at Northern Arizona University. *Native Voices* (Northern Arizona University, Institute for Tribal Environmental Professionals), 7(3) (Summer): 5. [Environmental Education Outreach Program.]

Slawson, G. C., Jr., AND Everett, L. G.

- 1974 14.203 Water quality perspectives in recreation management. *Plateau*, 46: 158-167.
[≡ CROSS-LISTINGS](#) [|CITED» GCNHA Monograph 2: page 93|](#) [|CITED» GCNHA Monograph 8: page 4-26|](#)

Smarter Balanced Assessment Consortium

- 2019 14.1825 *Smarter Balanced Assessment Consortium: English/Language Arts practice test scoring guide : Grade 6 performance task : 08/14/2019*. [No place]: Smarter Balanced Assessment Consortium, 16 [19] pp. [Based on "Hiking in the Grand Canyon Narrative Performance Task".]

Smith, Arthur Henry

- 1971 14.1236 *A socioeconomic analysis of the goals and attitudes of Arizona cattle ranches*. Doctoral dissertation, University of Arizona, 155 pp. [Includes Arizona Strip.]

Smith, Brandi L.

- 2013 14.1221 Quality night recreation and outdoor lighting in U.S. national parks: Indicators, standards, and related visitor [sic] [ABSTRACT]. *In*: Krop-Benesch, Annette, Kyba, Christopher, and Hölker, Franz (eds.), *ALAN 2013 : First International Conference on Artificial Light at Night : Berlin, 28.-30. October 2013 : abstracts*. Berlin: Universitätsverlag der TU Berlin, p. 50. (Verlust der Nacht, Band 4.) [Surveys in 2012 include Grand Canyon National Park.] [Title has been truncated in error.]

Smith, Brandi L., AND Hallo, Jeffrey C.

- 2013 14.1102 Night recreation in the national parks: Indicators, standards, and related visitor perceptions [ABSTRACT]. *GWS2013 : Protected Areas in a Changing World, Denver,*

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Colorado, March 11-15, 2013. [No place]: George Wright Society. [Surveys in 2012 include Grand Canyon National Park.]

Smith, David

- 2014 14.1749 One NPS family's story. *Ranger* (Association of National Park Rangers, Journal), 30(3) (Summer): cover, 1, 6-7. [Rangers John Evans and David Smith, married, with interracial children. Cover photo shows them at Grand Canyon; no text mention of the canyon.]

Smith, Drifter

- 1998 14.204 [Comments on "A matter of faith", by Tom Vail.] *Boatman's Quarterly Review*, 11(2) (Spring): 3-4. [See also reply by Vail, p. 4.]
- 2000 14.291 [Comments.] *In*: "Ice-ssay's," begging and etiquette, or . . . need ice? [FEATURE]. *The Waiting List* (Grand Canyon Private Boaters Association), 4(2) (Summer): 16-17. [Letter, signed as "Drifter", gathered from gcboaters@songbird.com electronic list. Ellipsis is part of feature title.]
- 2000 14.292 [Comments.] *In*: "Ice-ssay's," begging and etiquette, or . . . need ice? [FEATURE]. *The Waiting List* (Grand Canyon Private Boaters Association), Special Issue: 10-11. [Letter, signed as "Drifter", gathered from gcboaters@songbird.com electronic list. Ellipsis is part of feature title.] [NOTE: "A Special Edition of the Grand Canyon Private Boaters Association Quarterly Courtesy of Power Bar", not mailed but distributed at Lees Ferry.]
- 2002 14.334 [Comments.] *In*: "Ice-ssay's"—begging and etiquette, or . . . need ice? [FEATURE]. *The Waiting List* (Grand Canyon Private Boaters Association Quarterly), 6(1) (Summer/Fall): 36-37. [Special Issue: Reflections—Five Years of Fun—A Waiting List Anthology. Ellipsis is part of feature title.] [Letter, signed as "Drifter".]
- 2006 14.456 Do I have to fill the trip? *In*: The potential in potential alternate trip leaders. *The Waiting List* (Grand Canyon Private Boaters Association), 7(4) (Winter): 15.
- 2006 14.459 [Comment.] *In*: "Hey! Where are you camping tonight?" *The Waiting List* (Grand Canyon Private Boaters Association), 7(4) (Winter): 56.

Smith, J. A.

- 2014 14.1346 A transformative undergraduate field trip to the Grand Canyon and Death Valley [ABSTRACT]. *American Geophysical Union, 2014 Fall Meeting, San Francisco, California, 15-19 December*, Abstract ED13E-02.

Smith, Michael J.

- NO DATE 14.542 *Geological adventures at Parashant : exploring the geology of Grand Canyon-Parashant National Monument.* U.S. National Park Service, U.S. Bureau of Land Management, and Geological Society of America, 158 pp. [Ca. 2008.] [Nine lesson plans for grades 6-9; lacking Lessons 8, 9 as of March 2009.]

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Smith, V. L.

- 1977 14.205 Economics of wilderness resources. *In*: Smith, Vernon L. (ed.), *Economics of natural and environmental resources*. New York: Gordon and Breach, pp. 489-504.

Smith, V. Kerry

- 1990 14.453 Can we measure the economic value of environmental amenities? *Southern Economic Journal*, 56(4) (April): 865-878.

Snow, Eleanor; Scott, Anne M.; AND Hamilton, Kristen

- 2019 14.1474 The Powell150 project: Celebrating the legacy of John Wesley Powell at USGS [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 51(5): Paper No. 75-5 (<https://gsa.confex.com/gsa/2019AM/meetingapp.cgi/Paper/333745>).

Solomonson, S.; Haas, G. E.; AND Ross, D. M.

- 1985 14.314 Assessment of visibility impairment on visitor enjoyment and utilization of park resources. Data summary: 1983, Grand Canyon National Park Visibility Project. *Colorado State University, Cooperative Institute for Research in the Atmosphere, Report No. 1A*.

Solop, Frederic I., AND Rodriquez, Elaine

- 1995 14.206 Public support for protecting Grand Canyon resources. *In*: Riper, Charles van, III (ed.), *Proceedings of the Second Biennial Conference on Research in Colorado Plateau National Parks*. U.S. National Park Service, Transactions and Proceedings Series, NPS/NRNAU/NRTP-95/11, pp. 179-189.
- 2015 14.1030 Public support for protecting Grand Canyon resources [ABSTRACT]. *In*: Riper, Charles van, III, Drost, Charles A., and Selleck, S. Shane (compilers), *A quarter century of research on the Colorado Plateau—A compilation of the Colorado Plateau Biennial Conference Proceedings for 1993-2015*. *U.S. Geological Survey, Open-File Report 2015-1115*, p. 21.

Solop, Frederic I.; Steger, Mary Ann E.; AND Nelson, Teri Lynn

- 1997 14.557 (WITH Harrison Duff, Randall Friday, and Kristi Hagen, research team) *Grand Canyon region attitudes survey : report*. Flagstaff: Northern Arizona University, Social Research Laboratory, 73 pp.
- 1997 14.564 (WITH Harrison Duff, Randall Friday, Kristi Hagen, Kip Kelly, and Chris Roundtree, research team) *Grand Canyon reflections : a report on the environmental values, attitudes and beliefs of the residents of the Grand Canyon region : prepared by the Social Research Laboratory, Northern Arizona University, for the Grand Canyon Trust*. Flagstaff: Northern Arizona University, and Grand Canyon Trust, 22 pp. + errata slip (loose). [Errata slip corrects third pie chart on page 11.]

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Somma, Mark S.

- 1992 14.207 *The Colorado River: A dynamic study of the dependence of politics on the initial conditions of ecology.* Doctoral dissertation, University of Iowa, 306 pp.

Southwick, Robert

- 2011 14.734 A note in a bottle. *Boatman's Quarterly Review*, 24(4) (Winter 2011-2012): 46. [Regarding finding Heinz Scheilgel's wedding ring at the crash site of the De Havilland Twin Otter aircraft (a mid-air collision with a Bell Jet Ranger helicopter, June 18, 1986), Heinz and Beatrix Scheilgel having perished in the crash; Southwick's attempts to return the ring to family, who declined; and return of the ring to the crash site with a note of explanation in a bottle.]

Southwick Associates

- 2012 14.765 *Economic contributions of outdoor recreation on the Colorado River and its tributaries.* Fernandina Beach, Florida: Southwick Associates, for Protect The Flows, 53 pp.
- 2019 14.1412 *The economic contributions of water-related outdoor recreation in Arizona : a technical report on study scope, methods, and procedures.* Fernandina Beach, Florida: Southwick Associates, for Audubon Arizona, 82 pp. [A separately formatted executive summary is Audubon (no date [2019], [ITEM NO. 14.1413](#)).]

Šparavec, Joana

- 2020 14.1703 *Prekomjerni turizam u zaštićenim područjima—izazovi i moguća rješenja.* Bachelor's thesis, Sveučilište Jurja Dobrile u Puli / Juraj Dobrila University of Pula, Croatia, 36 pp. [See section "5.1. Nacionalni park Grand Canyon, Sjedinjene Američke Države" (pp. 21-22).] [\[In Croatian.\]](#)

Spence, Evelyn

- 2008 14.1315 How your kid can save a park. *In: National parks lifelist* [FEATURE]. *Backpacker*, 37(6) (August): 81. [Student Conservation Association.]

Stago, Jessica

- 2019 14.1461 Native-American owned; how Native entrepreneurs are tapping into the Grand Canyon tourism economy. *Colorado Plateau Advocate*, (Fall/Winter): 4-9.
- 2022 14.1728 Creating new space in the Grand Canyon economy. *Colorado Plateau Advocate*, (Fall/Winter): 16-19.
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Stanford, Tammy

- 2005 14.1252 The ultimate classroom. Resourceful people surviving and thriving in a beautiful but harsh land—that’s the essence of the story of East Tennessee. For 28 years, Roane State students have traveled to see, hear, touch, taste and feel that same story, but in a place as foreign as the moon. (Photos by Bruce Fischer and Gary Heidinger.) *Roane State Today* (Roane State Community College, Office of Alumni Relations, Harriman, Tennessee), 3(2) (Spring/Summer): cover, 2, 14-17. [Regarding the annual Southwest Field Trip. Includes Grand Canyon.]
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Staveley, Joan Nevills, AND Reiff, Greg

- NO DATE 14.208 Ethics, etiquette, and camps, a survey. *The Waiting List* (Grand Canyon Private Boaters Association), 2(1) (February): insert (3 leaves). [1998.]
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Steiger, Lew

- 1992 14.209 Courtesy—an update. *The News* (Grand Canyon River Guides), 5(3) (Summer): 9.
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Steinhaus, Laurie

- 2005 14.394 Grand Canyon Youth. *Boatman’s Quarterly Review*, 18(2) (Summer): 14-15.
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Steinicke, Frank; Bruder, Gerd; Rothaus, Kai; AND Hinrichs, Klaus

- 2009 14.1327 A virtual body for augmented virtuality by chroma-keying of egocentric videos. *In: IEEE Symposium on 3D User Interfaces : 3DUI 2009 : Lafayette, LA, 14-15 March 2009*, pp. 125-126. [Includes a virtual-reality model of the Grand Canyon Skywalk, Hualapai Indian Reservation.]
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Stender, Kerstin

- 2017 14.1704 *The business of trails*. Master’s thesis, Edith Cowan University, Perth, Western Australia, Australia), 192 pp. [See section “4.4. USA—Arizona Trail” (pp. 81-82), which includes Grand Canyon (and a photo of the author at Grand Canyon).]
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Stephens, Ragnhilde A. (Mrs. S. G.)

- 1926 14.1667 Report on ten points of excellence—Grand Canyon Parent-Teacher Association. *In: State News* [SECTION], Arizona [SUBSECTION]. *Child Welfare Magazine* (Philadelphia), 20(11) (July): 684.
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Stephens, Rich

- 2008 14.490 NAU Elderhostel: A 25-year all-star traveling show. *Pine* (Northern Arizona University), 9(3) (Fall): 8-9.
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Stern, Marc J.; Powell, Robert; Martin, Emily; AND McLean, Kevin

- 2012 14.1458 *Identifying best practices for live interpretive programs in the United States National Park Service : project report.* [No imprint], for U.S. National Park Service, SEPARATELY PAGINATED SECTIONS [65 pp. total]. [Park units in study include Grand Canyon National Park; see pp. 3, 8, 10, 22, A-9.]

Stevens, Bonnie

- 2018 14.1369 Mary Jo West uses her voice to advocate for social justice, mental illness, children; pioneering Phoenix anchorwoman encouraged the male-dominated television news industry to consider changing the channel on their thinking. *Flagstaff Business News* (Flagstaff, Arizona), (August): 12, 39. [Interview. See p. 39 under “What was your most memorable story?”, regarding a Colorado River trip through Grand Canyon with videographer Matt Barcellos, “on a pilot project for the National Park Service. If it was successful, the Canyon would be opened up permanently to those with various physical disabilities. We called our documentary ‘Take Me to the River.’ Channel 8 (PBS Phoenix) aired it” (ENTIRE NOTE)]
- 2020 14.1632 Tapping into the superpowers of science; getting mesy with Earth scientist Christa Sadler in the Flagstaff Festival of Science. *In: Community Profile* [SECTION]. *Flagstaff Business News* (Flagstaff, Arizona), 13(9) (September): 14, 26.

Stevens, Michael

- 2013 14.1228 No understanding without explanation. *Studies in History and Philosophy of Science*, 44: 510-515. [See section 3, “Correctness. Grasping a correct explanation. Is correctness too high a standard?” Begins with remarks on young-earth creationist beliefs of the origin of Grand Canyon.]

Steullet, Alex; Piatek, Jennifer L.; AND Wizevich, Michael C.

- 2010 14.645 Using high-resolution panoramas of the geology of the western U.S. to illustrate concepts in introductory geoscience courses [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 42(1): 114.

Stewart, William Peter [Stewart, Bill]

- 1987 14.211 *Different groups, different perceptions: A context for understanding the management of backcountry use.* Doctoral dissertation, University of Arizona, 198 pp.
- 1998 14.210 GCMRC sponsors recreation research. *Boatman’s Quarterly Review*, 11(4) (Fall): 22. [Grand Canyon Monitoring and Research Center.]

Stewart, William P., AND Carpenter, Edwin H.

- 1989 14.213 Solitude at Grand Canyon: an application of expectancy theory. *Journal of Leisure Research*, 21(1): 4-17.
≡ CROSS-LISTINGS [CITED» GCNHA Monograph 8: page 12-22]

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Stewart, William P., AND Cole, David N.

- 1997 14.362 Truths about solitude at Grand Canyon. *In: Making protection work : proceedings of the 9th Conference on Research and Resource Management in Parks and on Public Lands : the George Wright Foundation Biennial Conference, March 17-21, 1997, Albuquerque, New Mexico*, pp. 21-24.
- 1999 14.553 In search of situational effects in outdoor recreation: Different methods, different results. *Leisure Sciences*, 21(4) (October): 269-286.
- 2001 14.308 Number of encounters and experience quality in Grand Canyon backcountry: consistently negative and weak relationships. *Journal of Leisure Research*, 33(1): 106-120.

Stewart, William P.; Cole, David; Manning, Robert; Valliere, William; Taylor, Jonathan; AND Lee, Martha

- 2000 14.849 Preparing for a day hike at Grand Canyon: What information is useful? *In: Cole, David N., McCool, Stephen F., Borrie, William T., and O'Loughlin, Jennifer (compilers), Wilderness Science in a Time of Change Conference; Volume 4: Wilderness visitors, experiences, and visitor management; Missoula, Montana, May 23-27, 1999. U.S. Forest Service, Rocky Mountain Research Station, Proceedings, RMRS-P-15-Vol-4*, pp. 221-225.

Stewart, William P.; Larkin, Kevin; Orland, Brian; AND Anderson, Don

- 2003 14.522 Boater preferences for beach characteristics downstream from Glen Canyon Dam, Arizona. *Journal of Environmental Management*, 69(2): 201-211.

Stewart, William P.; Larkin, Kevin; Orland, Brian; Anderson, Don; Manning, Robert; Cole, David; Taylor, Jonathan, AND Tomar, Nidhi

- 2003 14.1222 *Preferences of recreation user groups of the Colorado River in Grand Canyon*. [No imprint], for Grand Canyon Monitoring and Research Center, Flagstaff, Arizona, 232 pp. (Cooperative Agreement 98-FC-40-0190.)

Stojanović, Vladimir, AND Stamenković, Igor [Стојановић, Владимир; Стаменковић, Игор]

- 2008 14.1524 Геотуризам у структури савремених туристичких кретања [Geoturizam u strukturi savremenih turističkih kretanja]. Geotourism in the structure of contemporary tourist flow. *Српског Географског Друштва, Гласник [Srpskog Geografskog Društva, Glasnik] / Serbian Geographical Society, Bulletin*, 88(4): 53-58. [Includes remarks, *in passing* (p. 55), of Grand Canyon as the chief abiotic natural attraction in the world.] [In Serbian, with bilingual item and serial titles and abstract.]

Stojminov, Aleksandar, AND Ordeva, Vase [Стојмилов, Александар; Ордева, Васа]

- 2011 14.1270 *Туристичка географија за 1 година : угостителско-туристичка струка [Turistička geografija za 1 godina : ugostitel'sko-turistička struka] [Travel geography, year 1 : catering to tourist vocations]*. Скопје: Министерство за образование и наука на Република Македонија [Skopje: Ministerstvo za obrazovanie i nauka na Republika

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Makedonija] [Skopje: Republic of Macedonia, Ministry of Education and Science], 217 pp. [Grand Canyon, see pp. 30, 111.] [In Macedonian.]

Stone, Steve

1980 14.879 Now, river running's for almost everybody. *Courier* (U.S. National Park Service), 3(1) (January): 1-2. [The author is a disabled person who ran the Colorado River through Grand Canyon with National Park Service river managers; oar trip, Lees Ferry to Phantom Ranch.]

Stoner, Jon F.

2009 14.549 Hitting a financial home run. *Boatman's Quarterly Review*, 22(1) (Spring): 14.

Storksdieck, Martin, AND Falk, John H.

2020 14.1532 Valuing free-choice learning in national parks. *In: America's Largest Classroom; Expanding the Role of Education in Our Parks* [THEME]. *PSF: Parks Stewardship Forum* (Interdisciplinary Journal of Place-Based Conservation), 36(2): 271-280. [Includes Grand Canyon.]

Stronza, Amanda

2001 14.761 Anthropology of tourism: forging new ground for ecotourism and other alternatives. *Annual Review of Anthropology*, 30: 261-283. [Grand Canyon, *in passing*, p. 266.]

Stortz, Sasha D.; Aslan, Clare; Sisk, Tom [Sisk, Thomas D.]; **Chaudhry, Todd; Rundall, Jill; Palumbo, Jean; Zachmann, Luke; AND Dickson, Brett**

2018 14.1445 *Natural Resource Condition Assessment : Greater Grand Canyon Landscape Assessment*. Fort Collins, Colorado: U.S. National Park Service, Natural Resource Stewardship and Science, 421 pp. (Natural Resource Report NPS/GRCA/NRR-2018/1645.)

Stroll, Ted

1987 14.1772 Travelers' respite; park hostels offer inexpensive lodging, cultural encounters, and a feeling of fellowship. *National Parks*, 612(5/6) (May/June): 14-15. [See p. 15, remarks on the Grand Canyon International Hostel, operated at Grand Canyon by American Youth Hostels, Inc.]

Sturdevant, Glen E.

1927 14.1194 Grand Canyon visited by leading geologists. *Grand Canyon Nature Notes*, 2(1) (June 30): 3. [John C. Merriam, Herbert Gregory, David White, F. E. Matthes, C. W. Gilmore, F. L. Ransome, Herbert Maier (architect of proposed museum [*i.e.*, Yavapai

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Observation Station]), and Edwin McKee.] [Regarding preparations for exhibits and programs at Yavapai.]

≡ CROSS-LISTINGS |CITED» GCNHA Monograph 2: page 100| |CITED» GCNHA Monograph 8: page 7-7|

Stylianou, Tatiana [Στυλιανού, Τατιάνα]

- 2018 14.1597 Η εικονική πραγματικότητα ως νέα τεχνολογική τάση στο Ελληνικό τουριστικό μάρκετινγκ [I eikoniki pragmatikotita os nea technologiki tasi sto Elliniko touristiko marketin'nk] [Virtual reality as a new technological trend in Greek tourism marketing]. Thesis, Πανεπιστήμιο Πελοποννήσου / University of Peloponnese, Τρίπολη, Πελοπόννησος, Ελλάδα [Panepistímio Peloponnisou / University of Peloponnese, Trípoli, Pelopónnisos, Elláda] [University of Peloponnese, Tripoli, Peloponnese, Greece], 121 pp. [See section “3.3 Εφαρμογή της εικονικής πραγματικότητας στο διεθνές τουριστικό μάρκετινγκ” [3.3 Efarmogí tis eikonikís pragmatikótitas sto diethnés touristikó márketin'nk] [3.3 Application of virtual reality in international tourism marketing]; specifically, pp. 74-75, which remarks upon and illustrates the virtual reality digital product, “The Grand Canyon Experience” (see Immersive Entertainment, 2015, ITEM NO. 29.106).] [In Greek.]

Stynes, Daniel J., AND Sun, Ya-Yen

- 2005 14.398 *Economic impacts of Grand Canyon National Park visitor spending on the local economy, 2003.* U.S. National Park Service, Social Science Program, Michigan State University, Department of Community, Agriculture, Recreation and Resource Studies, 30 pp.

Sungur, Onur, AND Yilmaz, Merve Kilinc

- 2022 14.1882 Defining and developing a rurality index for Turkey. *Journal of Urban and Regional Analysis*, 14(1): 129-153. [See p. 130: “. . . Isserman (2005 [ITEM NO. 14.1881]) gives an example of the Grand Canyon, USA. The Grand Canyon is in metropolitan America, and, at the same time, it has more than a million farmers. Therefore, the separation of territories as town or country, rural or urban does not reflect the complex reality of today” The authors someone miscite Isserman, who noted that the Grand Canyon (or at least a part of it) is in an “urban”-designated county.]

Sutherland, Ronald J., AND Walsh, Richard G.

- 1985 14.759 Effect of distance on the preservation value of water quality. *Land Economics*, 61(3) (August): 281-291. [See p. 283 note 4, reference to Grand Canyon in a meeting paper presented by Schulze *et al.* (1981 [ITEM NO. 14.758?]); in context about valuation of visual quality.]

SWCA, Inc.

- 1993 14.214 *Monitoring of attraction sites and crowding in the lower Grand Canyon : draft annual report.* [Flagstaff, Arizona, and Tucson]: SWCA, Inc., for Hualapai Tribe, 5 pp. [Also quarterly reports.]

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| 1993 | 14.215 | <i>Evaluating recreational use patterns on tribal sediment resources in the lower Grand Canyon : draft annual report.</i> [Flagstaff, Arizona, and Tucson]: SWCA, Inc., for Hualapai Tribe, 4 pp. [Also quarterly reports.] |
| 1994 | 14.216 | <i>Hualapai recreation studies : final 1993 annual report.</i> [Flagstaff, Arizona, and Tucson]: SWCA, Inc., for Hualapai Tribe, 9 pp. |
| 1995 | 14.577 | <i>Final report : Hualapai recreation studies.</i> [No place]: SWCA, Inc., for Hualapai Tribe, 33 + [17] pp. |
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Sylvain, Diane

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| 2000 | 14.960 | Access for all. Should we pave the wilderness and install escalators for the disabled? No, says a former backpacker. <i>Backpacker</i> , 28(7) (September): 156. |
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Szczesny, David M.; Williams, Pat Stephens; Darville, Ray; AND McBroom, Matthew

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| 2022 | 14.1802 | Role of historic visitor service structures in the interpretation of natural and scenic national parks: Grand Canyon, Yellowstone, Yosemite. <i>Journal of Interpretation Research</i> , 27(1): 25-43. |
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Szposzynski, Halina

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| 2003 | 14.863 | Grand Canyon rivertale; untrammeled is a state of mind. <i>Canyon Echo</i> (Sierra Club, Grand Canyon Chapter), (January/February): 8. |
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Tait, Kathleen; Pickard, Megan; Guertin, Laura; AND Furman, Tanya

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| 2010 | 14.644 | Dispelling middle school misconceptions of Grand Canyon formation through hands-on activities [ABSTRACT]. <i>Geological Society of America, Abstracts with Programs</i> , 42(1): 131. |
| 2012 | 14.1424 | Dispelling middle school student misconceptions of Grand Canyon formation through hands-on activities. <i>The Earth Scientist</i> (National Earth Sciences Teachers Association, Boulder, Colorado), 27(2) (Summer) (Special Issue): 22-26. |
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Tavernetti, Leonard Rex

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| 1971 | 14.1234 | <i>The spatial organization and economic focus of the Arizona Strip.</i> Master's thesis, University of Arizona, 122 pp. |
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PART 14. SOCIOLOGY, RECREATION, EDUCATION, ECONOMICS, AND RELATED SUBJECTS IN THE
GRAND CANYON–LAKE MEAD REGION

Taylor, Chris

- 2017 14.1259 Learning from land arts: Deep and immediate temporal crossings [ABSTRACT]. *In: Crossings Between the Proximate and Remote : Marfa 2017 ASCA Fall Conference : Oct 12[-]14*, [unpaginated]. [Association of Collegiate Schools of Architecture, Fall Conference, Marfa, Texas.] [Two-month field work and camping experience of land art monuments in remote sites; includes note of infrastructure at Hoover Dam and North Rim of Grand Canyon.]
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Teegerstrom, Trent, AND Tronstad, Russell

- 2000 14.724 Cost and return estimates for cow/calf ranches in five regions of Arizona. *University of Arizona, College of Agriculture and Life Science, Cooperative Extension, Publication AZ1193*, 25 pp. [Includes Arizona Strip region.]
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Tetra Tech

- 2009 14.830 *Economic impact of uranium mining on Coconino and Mohave Counties, Arizona*. Golden, Colorado: Tetra Tech, for American Clean Energy Resources Trust, SEPARATELY PAGINATED SECTIONS [48 pp. total].
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Thayer, Scott D.

- 1973 14.1351 *Vehicle behavior in and around complex sources and related complex source characteristics : Volume VII : recreational areas*. Rockville, Maryland: Geomet, Inc., for U.S. Environmental Protection Agency, Office of Air and Water Programs, Office of Air Quality Planning and Standards, Research Triangle Park, North Carolina, SEPARATELY PAGINATED SECTIONS [71 pp. total]. (EPA-450/3-74-003-g.) (Contract No. 68-02-1094, Task order No. 3.) [Data include Grand Canyon National Park, Lake Mead National Recreation Area, Pipe Spring National Monument.]
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Theodore Roosevelt Presidential Library

- 2024 14.1888 *National History Day guide : Grand Canyon*. [Medora, North Dakota]: Theodore Roosevelt Presidential Library, 7 pp. [misnumbered; 9 pp. total]. [Cover sheet title is given. Textual title: "National History Day: Rights and Resonsibilities (2024-2025) : Grand Canyon".]
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Thiessen-Reily, Heather

- 2010 14.1213 A theme runs through it: Offering PITP for academic credit. *In: Digby, Joan, Partners in the Parks : field guide to an experiential program in the national parks*. Lincoln, Nebraska: University of Nebraska at Lincoln, National Collegiate Honors Council, pp. 65-73. [See p. 65, "Angela Fioretti, our honors student assistant, had returned from PITP Grand Canyon Parashant as a true believer" (ENTIRE NOTE).] [Grand Canyon-Parashant National Monument.]
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PART 14. SOCIOLOGY, RECREATION, EDUCATION, ECONOMICS, AND RELATED SUBJECTS IN THE GRAND CANYON–LAKE MEAD REGION

Thompson, D. N.; Rogers, A. J., Jr.; AND Borden, F. Y.

- 1974 14.217 *Sound level evaluations of motor noise from pontoon rafts in the Grand Canyon.* State College, Pennsylvania: Pennsylvania State University, 32 pp. (Colorado River Research Technical Report 18, Grand Canyon National Park Colorado River Research Series, Contribution 48.)
 ☰ CROSS-LISTINGS |CITED» GCNHA Monograph 8: page 4-45|

Thompson, Emily

- 2014 14.919 Building the next generation of conservation leaders: Grand Canyon Trust’s Youth Initiative. *Colorado Plateau Advocate*, (Spring): 18-19.
- 2015 14.1075 Building advocates for the Colorado Plateau through collaborative, hands-on service learning projects [ABSTRACT]. *In: 13th Biennial Conference of Science and Management on the Colorado Plateau and Southwest Region, October 5-8, 2015, Northern Arizona University, High Country Conference Center : oral and poster abstracts*, pp. 82-83. [Grand Canyon Trust Volunteer Program.]
- 2017 14.1303 Getting the job done: building lifelong stewards of the land through citizen science [ABSTRACT]. *In: 14th Biennial Conference of Science and Management for the Colorado Plateau and Southwest Region, September 11-14, 2017, High Country Conference Center, Northern Arizona University, Flagstaff, Arizona.* [No imprint], p. 165. [Includes North Rim Ranches (Kane Ranch, Two Mile Ranch).]

Thompson, Jonathan

- 2017 14.1197 The West’s coal giant is going down; Arizona power plant closure will leave cleaner air and wounded economics. *High Country News*, 49(5) (March 20): 5. [Navajo Generating Station.]

Thompson, Kelcy

- 1988 14.218 Sociological data report. *In: House, Dorothy A. (ed.), Colorado River Investigations VII : July/August, 1988* (supervised by Stanley S. Beus, Steven W. Carothers, and Frank B. Lojko). Flagstaff, Arizona: Northern Arizona University, for U.S. National Park Service, Grand Canyon National Park, pp. 114-120.

Tierney, V. Ronnie [Tierney, Veronica]

- 2016 14.1172 River rafting business keeping outfitters afloat. *Flagstaff Business News* (Flagstaff, Arizona), 9(9) (September): 8, 42.
- 2018 14.1370 Supporting women-owned businesses with leadership training; Julie Lancaster teaches how to have healthy business relationships and successful communication. *Flagstaff Business News* (Flagstaff, Arizona), 10(11) (October): 10. [Article begins with the analogy, “After rafting the waters of the Colorado River recently, Julie Lancaster, president of Lancaster Consulting, came up with the conclusion that her leadership trainings are comparable to the skills of a river guide.”]

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2024 14.1847 Grand Canyon School competes in Odyssey of the Mind Project on world stage. *Flagstaff Business News* (Flagstaff, Arizona), 17(6) (June): 19.

Tilden, Freeman

2008 14.651 That elderly schoolma'am Nature. The men and women who wear the "green and grey" add something incomparable to every park visit. And Freeman Tilden's thoughts on the art of interpretation are a big reason why. *National Parks*, 82(2) (Spring): 24-26, 28. [Excerpt from *The National Parks* (Tilden, 1951, ITEM NO. 2.6329).]

Tillotson, Winifred S.

1925 14.1666 Grand Canyon—A big association in a small community. *In*: Parents and Teachers [SECTION]. *Child Welfare Magazine* (Philadelphia), 20(1) (September): 61-62. [Parent-Teacher Association activities at Grand Canyon Village.]

Tim Whitney Wellness Initiative Committee

2013 14.856 The Whale Foundation introduces—Health insurance assistance program through the Tim Whitney Wellness Initiative. *Boatman's Quarterly Review*, 26(3) (Fall): 20-22.

Timmerman, Kelly

2023 14.1777 Loving parks to death? Managng visitor expectations. *Canyon Views* (Grand Canyon Conservancy), 30(1) (Winter): 4-7.

Timothy, Dallen J.

2008 14.845 River-based tourism in the USA: Tourism and recreation on the Colorado and Mississippi Rivers. *In*: Prideaux, Bruce, and Cooper, Malcolm (eds.), *River tourism*. Wallingford, Oxfordshire, United Kingdom, and Cambridge, Massachusetts, CAB International, pp. 41-54.

Tobia, Kevin Patrick

2015 14.1243 Wonder and value. *Res Philosophica* (St. Louis University, Department of Philosophy), 92(4) (October): Article 3, 26 pp. [Ideas of "sprawling canyons", "breathtaking canyons", Grand Canyon, see pp. 5, 7, 8, 18, 18 (note 15), 20.]

Toner, John

1994 14.219 Further education questionnaire results. *The News* (Grand Canyon River Guides), 7(1) (Winter 1993/1994): 17.

PART 14. SOCIOLOGY, RECREATION, EDUCATION, ECONOMICS, AND RELATED SUBJECTS IN THE GRAND CANYON–LAKE MEAD REGION

Towler, William L.

- 1977 14.220 *Hiker perception of wilderness in Grand Canyon National Park: A study of social carrying capacity.* Master's thesis, University of Arizona, 155 pp.
- 1977 14.221 Hiker perception of wilderness: A study of the social carrying capacity of Grand Canyon. *Arizona Review*, 26(8/9): 1-10.
 ≡ CROSS-LISTINGS |CITED» GCNHA Monograph 2: page 94| |CITED» GCNHA Monograph 8: page 4-28|

Trans Electrica (GE) Limited

- 2013 14.1590 ხუდონის ჰიდროელექტროსადგურის პროექტის (702 მეგავატი) : გარემოზე ზემოქმედების შეფასება : წინასწარი ვარიანტი ნაწილი III [khudonis hidroelekt'rosadguris p'roekt'is (702 megavat'i) : garemoze zemokmedebis shepaseba : ts'inasts'ari variant'i nats'ili III] [Khudoni Hydropower Project (702 MW) : Environmental Impact Assessment : Preliminary Option Part III]. [Tbilisi, Georgia?]: Caucasus Environmental NGO Network, pp. 458-683. [Running head: ხუდონის ჰიდროელექტროსადგურის პროექტის გარემოზე ზემოქმედების შეფასება, წინასწარი ვარიანტი [khudonis hidroelekt'rosadguris p'roekt'is garemoze zemokmedebis shepaseba, ts'inasts'ari variant'i] [Environmental Impact Assessment of Khudoni Hydropower Project, Preliminary Option].] [Under "7. ხუდონის პროექტის ზემოქმედება ბუნებრივ და სოციალურ-ეკონომიკურ გარემოზე და შემარბილებელი ღონისძიებები" [7. khudonhesis p'roekt'is zemokmedeba bunebriv da sotsialur-ek'onomik'ur garemoze da shemarbilebeli ghonisdziebebi] [7. Impact of Khudoni HPP project on natural and socio-economic environment and mitigation measures], section "7.2.3.5. ტურისტებისათვის დამატებითი ინტერესის ადგილის გაჩენა" [7.2.3.5. t'urist'ebisatvis damat'ebiti int'eresis adgilis gachena] [7.2.3.5. Emergence of a place of additional interest for tourists], see note 54, which includes the brief remark (*translated here*): "For example, the Hoover Dam, located in the U.S. on the Colorado River on the border of Arizona and Nevada, attracts many local and foreign tourists. A special visitor information center has been set up on the dam and tours are organized for visitors. Approximately 1 million tourists visit the dam each year and tour the site"] [In Georgian.]

Treiman, A. H.; Newsom, H.; Hoehler, T.; Tsairides, C.; Karlstrom, K. E.; Crossey, L.; Kiefer, W.; Kadel, S.; Garcia Pichel, F.; Aubele, J.; AND Crumpler, L.

- 2003 14.982 Field/lab training workshops in planetary geology and astrobiology for secondary school teachers [ABSTRACT]. *Eos* (American Geophysical Union, Transactions), 84(46, Fall Meeting Supplement), Abstract ED41A-07. [Field examples include Grand Canyon, *in passing*.]

Truett, Lorena F.; Conley, Tim; AND Tonn, Bruce

- 1998 14.540 *Reserve a seat! Intelligent transportation reservation system for tourists.* Oak Ridge, Tennessee: Oak Ridge National Laboratory, for Rural Advanced technology and Transportation Systems 1998 International Conference, Penn State University, University Park, Pennsylvania, August 31-September 2, 1998, 12 pp. [See p. [4], Grand Canyon, *in passing*; pagination begins with cover sheet.]

PART 14. SOCIOLOGY, RECREATION, EDUCATION, ECONOMICS, AND RELATED SUBJECTS IN THE GRAND CANYON–LAKE MEAD REGION

Truman, Kathleen

- 1996 14.1823 Limits to growth in the Colorado River Basin. *In*: SHE-VIII Proceedings—2: Human Ecology: Livelihood and Liveability. *Human Ecology Review* (Society for Human Ecology), 3(2) (Winter 1996/1997): 181-190. [Economic and population growth.]

Tseng, Yung-Ping; Kyle, Gerard T.; Shafer, C. Scott; Graefe, Alan R.; Bradle, Timothy A.; Schuett, Michael A.

- 2009 14.572 Exploring the crowding-satisfaction relationship in recreational boating. *Environmental Management*, 43(3): 496-507.

Tsiouri, Elefthería, AND Kótsis, Konstantínos Th. [Τσιούρη, Ελευθερία; Κώτσης, Κωνσταντίνος Θ.]

- 2022 14.1801 «Φυσικές επιστήμες και τεχνολογία», μια καλή πρακτική στο πλαίσιο λειτουργίας των Ομίλων των Πειραματικών Σχολείων [«Fysikés epistímés kai technología», mia kalí praktikí sto plaísio leitourgías ton Omílon ton Peiramatikón Scholeíon] [“Physical sciences and technology”, a good practice in the context of the operation of the Experimental School Groups]. *In*: Spyridon-Georgios Soulis and Maria Liakopoulou [Σπιριδών-Γεώργιος Σούλης; Μαρία Λιακοπούλου] (eds.), Εκπαίδευση στον 21^ο αιώνα: σύγχρονες προκλήσεις και προβληματισμοί : Πρακτικά Διεθνούς Συνεδρίου Του Παιδαγωγικού Τμήματος Δημοτικής Εκπαίδευσης Του Πανεπιστημίου Ιωαννίνων : Β΄ Τομος [Εκπαίδεψι στον 21^ο αιώνα: σύγχρονες προκλήσεις και προβληματισμοί ---- Praktika Diethnous Synedriou Tou Paidagogikou Tmimatós Dimotikis Ekpaidefsis Tou Panepistimiou Ioanninon --- V΄ Tomos] [Education in the 21st century: contemporary challenges and concerns : Proceedings of the International Conference of the Pedagogical Department of Elementary Education of the University of Ioannina : Volume II]. [No place]: Εκδοσει Gutenberg [Gutenberg Publishing], pp. 168-179. [See in “2. Μεθοδολογική προσέγγιση” [2. Methodologikí proséngisi] [2. Methodological approach] (specifically, p. 173, in translation here) ‘According to the New Analytical Curricula of 2021 for Elementary School Science, the exploratory/discovery method is proposed, where students, through the rational way of thinking, practice critical thinking and issues of Natural Sciences and Technology, in order to become scientifically literate , tomorrow’s active, conscious citizens and creative people, who will be able to solve problems of their daily lives. The inquiry method enables in a “natural” way the discovery of knowledge, the development of skills and the formation of attitudes about the natural world, within the framework of a single physical science, with common methodology, language/terminology, mathematical expression, digital technology and applications. Thus, the students of the 4th Grade of the 1st Experimental Primary School of Ioannina in the “Natural Sciences and Technology” Group worked with guided discovery and through the scientific/educational method of mutual investigation, using individual iPads; they dealt with eight topics, which they arose out of their own interests and their own reflections. The eight topics were: a) Unmanned Vehicles, b) Satellites and Machines, c) Modern Dinosaurs, d) Fire, e) Artificial Intelligence and Robotics, f) Grand Canyon, g) Our Solar System and h) Little archaeologists.’ And see section “3.6. Γκραν Κάνυον” [3.6 Grand Canyon] (p. 176), which describes and illustrates (in translation here) ‘The students, after being given Google maps, searched and found the Grand Canyon area on the map, studied its geomorphology, found information about the Havasupai tribe, drew imaginary pictures from their lives and printed their pictures on paper, which they presented in a plenary session.’] [In Greek.]

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GRAND CANYON–LAKE MEAD REGION

Tucker, Gary R.

- 1998 14.1485 Journey Through the Canyon: A review of the design strategies of the Grand Canyon CD-ROM. *In*: Tucker, Gary, and Gunn, Cathy (eds.), *Perspectives : technology, integration, and learning environments*; CEE monograph: The NAU centennial year of education. *Northern Arizona University, Center for Excellence in Education, Monograph 5*, pp. 38-46. [Regarding the CD produced in association with the Geonauts distance learning instructional program designed for grades 4-6, broadcast on The Learning Channel in fall 1996 with the multimedia CD on earth history using Grand Canyon as a context.] [*NOTE*: The CD has not been located for this bibliography. However, take note of the CD by Windhäuser and Windhäuser (1999, *ITEM NO.* 29.69), which could be a German ed. of this product.]

Turner, Albert M.

- 1916 14.1645 Report of Field Secretary. *In*: *Report of the State Park Commission to the Governor for the two fiscal years ended September 30, 1916*. Hartford: Published by the State, pp. 11-30. (Volume: *State of Connecticut, Public Document 60*.) [See p. 17: “. . . the difficulty and absurdity of . . . attempting to establish the real value of Niagara Falls or the Grand Canyon should require no demonstration.” (ENTIRE NOTE)]

Turrisi, Patricia

- 2005 14.1864 Peirce’s *vera causa* of guessing. *A vera causa* da adivinhação segundo Peirce. *Cognitio* (São Paulo), 6(2) (July/December): 255-264. [See section “3. Vision, Revision, Original Vision and Abduction” (pp. 259-262), regarding Walker Percy’s “Cardenas effect” and Grand Canyon. (Pertains to Percy, 1975, *ITEM NO.* 14.1588.)] [In English, with item title and abstract also in Portuguese.]

U

Uber, Robinli

- 2014 14.992 Welcome to the biggest classroom on earth. *The Lumberjack* (Northern Arizona University, Flagstaff), 101(14) (December 4-10): 25. [Grand Canyon Semester.]

Uberuaga, David V.

- 2013 14.942 A letter to Roger Findley. *Pinyon Press* (Xanterra South Rim, L.L.C., Grand Canyon), 2013(11) (May 29): 5. [Thanks for leadership in volunteer projects relating to Kaibab Learning Center and Special Olympics.]
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Ulrich, George

- 2017 14.1421 George Ulrich. *The Geologic Division Retirees Newsletter* (U.S. Geological Survey, Geologic Division Retirees, Reston, Virginia), (75) (Fall 2017/Winter 2018): 11. [Remarks on life at Erickson Living's Wind Crest, South Denver area. Notes, *in passing*, that as a member of the Learners Committee that supports courses of four to eight weekly classes, of generating a course on the Grand Canyon. (Ulrich is cited elsewhere in this bibliography.)]
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Ullmann, Richard

- 2008 14.896 Albright Training Center celebrates 50 years of learning. *Arrowhead* (U.S. National Park Service, Employees and Alumni Association), 15(2) (Spring): 7. [Horace M. Albright Training Center, Grand Canyon, 50th anniversary of first graduating class.]
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Underhill, A. Heaton

- 1984 14.222 Grand Canyon National Park visitors. *U.S. National Park Service/University of Arizona Cooperative National Park Resources Studies Unit, Special Report 14*, 35 pp.

Underhill, A. Heaton, AND Borkan, Ronald E.

- 1986 14.223 Simulating the effects of Glen Canyon Dam releases on Grand Canyon river trips. *U.S. National Park Service/University of Arizona Cooperative National Park Resources Studies Unit, Special Report 16*, 38 pp.
- 1988 14.1219 Simulating the effects of dam releases on Grand Canyon river trips. *In: U.S. Bureau of Reclamation, Glen Canyon Environmental Studies, Glen Canyon Environmental Studies : executive summaries of technical reports : November 1988*. [No place]: Glen Canyon Environmental Studies, pp. 347-360.

Underhill, A. Heaton, AND Fonken, Amy H.

- 1983 14.224 International visitors to Grand Canyon National Park. *U.S. National Park Service/University of Arizona Cooperative National Park Resources Studies Unit, Technical Report 12*, 40 pp.

Underhill, A. Heaton, AND Xaba, A. Busa

- 1983 14.225 The wilderness simulation model as a management tool for the Colorado River in Grand Canyon National Park. *U.S. National Park Service/University of Arizona Cooperative National Park Resources Studies Unit, Special Report 11*, 13, 2, 3 pp.

Underhill, A. Heaton; Stewart, William P.; Manning, Robert E.; AND Carpenter, Edwin H.

- 1986 14.226 A sociological study of backcountry users at Grand Canyon National Park. *U.S. National Park Service/University of Arizona Cooperative National Park Resources Studies Unit, Special Report 17*, 88 pp.

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Underhill, A. Heaton; Xaba, A. Busa; AND Borkan, Ronald E.

1986 14.227 The wilderness use simulation model applied to Colorado River boating in Grand Canyon National Park, USA. *Environmental Management*, 10(3) (May): 367-374.

Unger, Donald N. S.

2002 14.951 And an equation runs through it; mathematician Catherine Roberts is helping to regulate traffic on the Colorado River. *Holy Cross Magazine* (College of the Holy Cross, Worcester, Massachusetts), 36(2) (Spring): 25-28. [Grand Canyon River Trip Simulator software.]

Unger, Rachel

2020 14.1555 Pineapple ice box cake. *From:* Quaranzine Recipes [SECTION]. *In:* *QuaranZine* [FEATURE]. *Boatman's Quarterly Review*, 33(2) (Spring [sic, Summer]): 45. ["The Grand Canyon Relief Coalition developed the *QuaranZine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with." (From Margeaux Bestard's introductory note to *QuaranZine*.)]

U.S. Bureau of Land Management, AND U.S. National Park Service

NO DATE 16.1535 *Grand Canyon-Parashant National Monument, Arizona, Science Plan*. [No place]: U.S. Bureau of Land Management, and U.S. National Park Service, 68 pp. [2023.] [Includes section on "Cultural Resources".]

U.S. Bureau of Reclamation; Colorado River Energy Distributors Association; Environmental Defense Fund; HBRS Inc.; Stone and Webster Consultants Inc.; AND Western Area Power Administration

1990 14.228 *Evaluation of methods to estimate power system impacts of potential changes in Glen Canyon powerplant operations*. 2 volumes, SEPARATELY PAGINATED SECTIONS.

U.S. Department of Agriculture, Economic Research Service

1962 14.913 Private outdoor recreation facilities; report to the Outdoor Recreation Resources Commission. *U.S. Department of the Interior, Outdoor Recreation Resources Review Commission, Study Report 11*, 154 pp. [See "Example 29: An Informal River-Running Partnership", pp. 88-89; and "Example 30: A Father-Son Travel Enterprise", pp. 89-90.]

U.S. Department of the Interior, Office of National Parks, Buildings, and Reservations

1933 14.230 *Views from parapet of Yavapai Station*. U.S. Department of the Interior, Office of National Parks, Buildings, and Reservations, Educational Leaflet no. 1, 1 p. [Descriptive.]
 ≡ CROSS-LISTINGS [CITED» GCNHA Monograph 2: page 80] [CITED» GCNHA Monograph 8: pages 3-89, 7-18]

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- 1939 14.701 *Views from parapet of Yavapai Station.* [U.S. National Park Service, Grand Canyon National Park] Educational Leaflet no. 1, 1 p. [Descriptive.]
 ≡ CROSS-LISTINGS |CITED» GCNHA Monograph 2: page 80| |CITED» GCNHA Monograph 8: page 3-89|
- 1944 14.702 *Views from parapet of Yavapai Station.* U.S. National Park Service, Educational Leaflet no. 1, 1 p. [Descriptive.]

U.S. Forest Service, Kaibab National Forest

- NO DATE 14.1310 *Kaibab National Forest, Williams and Tusayan Ranger Districts : travel management guide and helpful information.* U.S. Forest Service, Southwestern Region, [2] pp. (MB-R3-04-# [sic].) [Fact sheet.]
- 2010 14.792 *Travel analysis process report : North Kaibab Ranger District.* U.S. Forest Service, Kaibab National Forest, 64 pp.

U.S. Forest Service, Kaibab National Forest, North Kaibab Ranger District

- 2013 14.955 *Kaibab National Forest, North Kaibab Ranger District : travel management guide and helpful information.* U.S. Forest Service, Southwestern Region, [2] pp. (RG-R3-07-9.) [Fact sheet.]

U.S. Library of Congress

- NO DATE 14.986 *Hispanic exploration in America. Teacher's guide : primary source set.* [U.S. Library of Congress, Teaching With Primary Sources [program]], 9 pp. [Includes Grand Canyon.]

U.S. National Academies of Sciences, Engineering, and Medicine

- 2021 14.1665 *America's Geoheritage II: Identifying, Developing, and Preserving America's Natural Legacy : proceedings of a workshop.* (Ester Szein and Paula Whitacre, rapporteurs.) Washington, D.C.: The National Academies Press, 47 pp. [Grand Canyon, see pp. 29-30, and "Box 5 Places of Myriad Meanings" (p. 32).]

U.S. National Academy of Sciences

- 1928 14.970 *Report of the National Academy of Sciences : fiscal year 1926-1927.* Washington, D.C.: U.S. Government Printing Office. [See p. 26, notice of presentation, by title only, on April 26, 1927, "John C. Merriam: Exhibit of research results in the Grand Canyon (illustrated)." See p. 85, in Report of the Treasurer, monies received "From various organizations", "For relief map of Grand Canyon, \$211.18."]
- 1929 14.971 [Yavapai Observation Station, Grand Canyon.] *In: Report of the National Academy of Sciences : fiscal year 1927-1928.* Washington, D.C.: U.S. Government Printing Office. [See pp. 2-3: "Through the efforts of the committee on the development of the scientific resources of the national parks, in cooperation with the committee on

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outdoor education of the American Museums Association, and with financial aid from the Laura Spellman Rockefeller memorial and the Carnegie Institution [of Washington], a scientific observation station has been brought nearly to completion on Yavapai Point, near Grand Canyon station, Arizona; geological and paleontological exhibits *in situ* have been prepared along the trails, a number of discoveries of primary interest have been made, and a course of educational lectures on the geologic history of the Grand Canyon, and on the faunas and floras and their adaptations to the canyon environments has been arranged." (ENTIRE NOTE) See also "Grand Canyon Project", pp. 38-39; and financial notes and accounting, pp. 82, 92, 95, 96, 101.]

1930 14.650 *Report of the National Academy of Sciences : fiscal year 1928-1929.* Washington, D.C.: U.S. Government Printing Office. [See "Grand Canyon Project", pp. 38-40.]

U.S. National Aeronautics and Space Administration

2016 14.1572 Earth Observatory image of the month. "Grand Canyon Geology Lessons on View". *Rockvision* (Buletin SM IAGI Undip) (Universitas Diponegoro, Seksi Mahasiswa Ikatan Ahli Geologi Indonesia, Semarang, Indonesia), 22(3) (October): back cover. [Oblique space view, from the southeast, of eastern and central Grand Canyon and vicinity. From NASA Earth Observatory online.] [In Indonesian.]

U.S. National Park Service

NO DATE 14.742 *Grand Canyon travel survey.* Washington, D.C.: U.S. National Park Service (conducted by Arizona Highway Department and U.S. Department of Commerce, Bureau of Public Roads), 40 pp. [Ca. 1955.]
 ≡ CROSS-LISTINGS |CITED» GCNHA Monograph 8: page 7-18|

1931 14.229 *How Yavapai Station can help you to understand and enjoy the Grand Canyon.* U.S. National Park Service, Educational Leaflet 1, [4] pp. ("August 20, 1931".) ("This leaflet was prepared originally by the Grand Canyon Committee of the National Academy of Sciences and the Carnegie Institution of Washington as an aid to the visitor to this unique station, designed to interpret in simple form the major features of the Grand Canyon.") ("67146°—31".)
 ≡ CROSS-LISTINGS |CITED» GCNHA Monograph 8: pages 1-47, 7-11|

1932 14.1070 *How Yavapai Station can help you to understand and enjoy the Grand Canyon.* U.S. National Park Service, Educational Leaflet 1, [2] pp.

1950 14.1049 *A survey of the recreational resources of the Colorado River basin. Compiled in June 1946.* Washington, D.C.: U.S. Government Printing Office, 242 pp., 14 maps.
 ≡ CROSS-LISTINGS |CITED» GCNHA Monograph 2: page 119| |CITED» GCNHA Monograph 8: pages 2-28, 5-14| FARQUHAR 111 FQ1:141 FQ4:202 FQ5:191 FQ8:517 FQ9:672 FQ10:398A, 398B FQ11:467A-467C FQ11A:140 FQ12:517A, 517B FQ13A:198A, 198B FQ17:483 FQ22:376 FQ24/2:896
 ≡ REVIEWS AND NOTICES Anonymous, 1950, ITEM NO. 30.1121

2018 14.1507 *National Park Service active transportation guidebook : a resource on supporting walking and bicycling for national parks and their partners.* [No place]: U.S. National Park Service, SEPARATELY PAGINATED SECTIONS [167 pp. total]. [Grand Canyon, see cover (legend on p. ii), photos on pp. 3-2, 3-5, Chapter 5 title-page, 8-3, 8-4, 9-2; and more specifically, "Grand Canyon National Park: In-park bicycle rental business" (pp.

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8-4 to 8-5) and “eMTB Pilot for Law Enforcement Rangers in Grand Canyon National Park” (p. 10-9) (eMTB: electric mountain bike).]

U.S. National Park Service, Cedar Breaks National Monument, AND U.S. National Park Service, Grand Canyon-Parashant National Monument

NO DATE 14.1366 (SPONSORS) *1st Annual Southwest Astronomy Festival : September 22-23 : various times and locations : brought to you by: Cedar Breaks National Monument and Grand Canyon-Parashant National Monument.* [No place]: folded brochure. [2017.] [Partners: Southern Utah Space Foundation, and Saint George Astronomy Group; with numerous participating organizations.] [Locales include Pipe Spring National Monument.]

U.S. National Park Service, Geologic Resources Division

NO DATE 14.1117 *Geoscientists-in-the-Parks Program.* Denver: U.S. National Park Service, Geologic Resources Division, folded brochure. [Includes photo, “Adam Willett found a creative and rewarding experience helping visitors to understand the geology of Grand Canyon National Park.”]

U.S. National Park Service, Grand Canyon National Park

1992 14.475 *Getting married at Grand Canyon.* U.S. National Park Service, folded brochure.

1998 14.1443 *Grand Canyon NP : 1998 visitor survey card data report.* U.S. National Park Service, Grand Canyon National Park, [4] pp. (Report no. GRCA298.)

2006 14.476 *Getting married at Grand Canyon.* U.S. National Park Service, folded brochure.

2011 14.1180 *The action guide to preservation : Colorado River, Grand Canyon National Park.* U.S. National Park Service, Grand Canyon National Park, 36 pp. [including wraps]. (“Grand Canyon National Park thanks the photographers, artists, boaters, guides, Grand Canyon Private Boaters Association, River Runners for Wilderness, Grand Canyon River Guides, Grand Canyon Youth, the Traditionally Associated Tribes, Bilby Research Center at Northern Arizona University, Grand Canyon Association, and NPS staff for their contributions.” [p. 35])

2019 14.1410 *Grand Canyon : NPS career history workbook : a guide to sharing your story.* U.S. National Park Service, Grand Canyon National Park, [20] pp. [including wraps]. [Completed workbook to be returned to Grand Canyon National Park Museum Collection.] [Back cover displays the Grand Canyon National Park Centennial logo (full page).]

U.S. National Park Service, Grand Canyon National Park, Division of Interpretation and Resource Education

2016 14.1359 *2016-2017 Distance Learning registration information.* U.S. National Park Service, Grand Canyon National Park, Division of Interpretation and Resource Education, [4] pp. (0816.)

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U.S. National Park Service, Natural Sounds and Night Skies Division Handbook Team (Ochs, Deanna; Pilcher, Ericka; Marin, Lelaina; AND Melena, Sara)

- 2011 14.1268 *The power of sound : The Natural Sounds and Night Skies Division interpretive handbook*. Fort Collins, Colorado: U.S. National Park Service, Natural Sounds and Night Skies Division, 44 pp. [Grand Canyon National Park, pp. 12-13, 15, 21, 27, 30, 31; Grand Canyon-Parashant National Monument, p. 17.]

Université du Québec à Montréal, École des Sciences, Chaire de Tourisme Transat

- 2012 14.1521 *Soutien, recherche et analyse dans le cadre de la révision du programme de signalisation des routes et circuits touristiques. Volet 1: Inventaire et analyse comparative des routes touristiques québécoises, canadiennes et étrangères*. Montréal: Chaire de Tourisme Transat, réalisé pour Tourisme Québec et le Ministère des Transports du Québec, SEPARATELY PAGINATED SECTIONS [150 pp. total]. [See p. 2 of "Annexe 2—Caractéristiques des routes touristiques des États-Unis", which includes data for "Historic Route 66" and "Kaibab Plateau-North Rim Parkway".] [In French.]

University-National Park Energy Partnership Program

- NO DATE 14.822 *Green teams: University-National Park Energy Partnership Program*. [Logan, Utah]: Utah State University, and U.S. National Park Service, Intermountain Region, 1 p. [Ca. 2012.] [Fact sheet, relating to utility data tracking of energy use and costs. Partnership includes Pipe Spring National Monument, Arizona.]

Urânio em Movimento

- 2011 14.699 *1st International Uranium Film Festival, Rio de Janeiro 2011 : 1º Festival Internacional de Filmes Sobre Energia Nuclear, Rio de Janeiro 2011*. Rio de Janeiro: Uranium Film Festival, 26 pp. [See "Poison Wind", p. 16; "U: Uranium", p. 17.] [In English and Portuguese.]

Urbanczyk, Kevin, AND Whitford-Stark, J. L.

- 1998 14.232 Use of Colorado Canyon and the Rio Grande River as a natural laboratory for introductory geology field trips [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 30(3): 34.

Usher, Nancy

- 2003 14.657 The Hewlett Clusters at the University of New Mexico: an interdisciplinary curricular model in which music and other disciplines have been integrated with the humanities, social sciences and sciences. *UNESCO Regional Meeting on Arts Education in the European Countries, Canada and the United States of America, Finland, 2003*. [In Appendix 1 ("Twelve Hewlett interdisciplinary clusters offered at the University of New Mexico 2001-2003"), includes "Trail of Time" (Laura Crossey, Karl Karlstrom, earth and planetary science; Chip Wills, anthropology; Virginia Scharff, history).] [United Nations Educational, Scientific and Cultural Organization.]

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GRAND CANYON–LAKE MEAD REGION

Utah Board of Water Resources

- 2011 14.1501 *Lake Powell Pipeline : Draft Study Report 9 : recreation resources.* [No place]: Utah Board of Water Resources, SEPARATELY PAGINATED SECTIONS [167 pp. total].

Utah Department of Transportation, Planning Division

- 2011 14.726 Geography affects freight movement in Utah. *UPlan* (Utah Department of Transportation, Planning Network fact sheet), 2 pp. [Dated "4/6/11". Includes Hoover Dam region.]

V

Vail, Tom

- 1998 14.233 A matter of faith. *Boatman's Quarterly Review*, 11(1) (Winter 1997-1998): 5. [Note on providing both geological and creationist viewpoints.] [Issue mailed late January or early February, 1998.] [See also comments in 11(2) (Spring): 3-4, by Michael McCoy (p. 3), Pete Gross (p. 3), and Drifter Smith (p. 4); and reply by Vail (p. 4).]
- 1998 14.234 [Reply to comments on "A matter of faith".] *Boatman's Quarterly Review*, 11(2) (Spring): 4.

Valliere, William A.; Manning, Robert E.; AND Lawson, Steven R.

- 2007 14.1151 Multiple manifestations of crowding in outdoor recreation: A study of the relative importance of crowding-related indicators using indifference curve analysis [ABSTRACT]. *In: ISSRM 2007 : 13th International Symposium for Society and Resource Management.* Logan, Utah: Utah State University, p. 447. [Volume on CD-ROM.] [Applied to Grand Canyon National Park.]

Van Leeuwen, Neil, AND Elk, Michiel van

- 2019 14.1868 Seeking the supernatural: the Interactive Religious Experience Model. *Religion, Brain and Behavior*, 9(3): 221-275. [See in section "5.3. Personal vs. general beliefs (and how to get personal beliefs)"; specifically p. 235, concerning objective/detached information as one may experience by visually experiences or school-learned views of the Grand Canyon.]

Vance, Jim

- 2013 14.861 Dollars down the drain. *In: Letters* [SECTION]. *High Country News*, 45(18) (October 28): 4. [This comment "was posted in response to Katie Mast's [online] blog, 'Trickle-

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down effect of the federal shutdown,’ about the impact on tourism-based economies, science and research, and tribes.” The writer had to cancel a Grand Canyon hiking trip off the North Rim after a U.S. government economic shutdown in October 2013.]

VanDeWeg, Riley, AND Callahan, Caitlin

- 2023 14.1810 A tale of one place from two perspectives: comparing undergraduate students’ responses to different written works about the Grand Canyon [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 55(6): abstract 33-2 (<https://doi.org/10.1130/abs/2023AM-395922>). [Topics and definitions of landscape descriptions compared between Lauret Savoy’s *Trace: History race, and the American landscape* (2015, ITEM NO. 2.28924) and Halka Chronic’s *Roadside geology of Arizona* (1983, ITEM NO. 23.26 and later eds.).]

Vanstaveren, J.; Earl, M.; AND Eastep, B.

- 2019 14.1449 Analyzing recreation impacts across the Recreation Opportunity Spectrum [ABSTRACT]. *In: 15th Biennial Conference of Science and Management for the Colorado Plateau and Southwest Region : theme: "Science and Solutions for Conserving the Southwest’s Land, Water, Biodiversity and Cultures" : September 9-12, 2019, High Country Conference Center, Northern Arizona University, Flagstaff, Arizona*, p. 36. [Includes “Grand Canyon Parashant and Vermillion Cliffs National Monuments” (*sic*; Grand Canyon-Parashant National Monument, Vermilion Cliffs National Monument).]

Vasiljević, Đorđije A.

- 2015 14.1125 *Geodiverzitet i geonasleđe Vojvodine u funkciji zaštite i turizma*. Doctoral dissertation, Univerzitet u Novom Sadu (Novi Sad, Vojvodina, Serbia), 262 [277] pp. [Regarding geoheritage, including geotourism.] [Grand Canyon, pp. 7, 9, 23, 68, 71.] [In Serbian.]

Vaughan, R. Greg

- 2014 14.984 USGS scientists sharing their world: Fire, floods, flight and fish. *A grand adventure! The 10 best days of the year! Flagstaff Festival of Science, 25th anniversary, 2014*. Flagstaff, Arizona: Flagstaff Festival of Science (supplement to the *Arizona Daily Sun*), p. 5. [U.S. Geological Survey.]

Verhage, H.

- 1982 14.793 Ruimtelijk inzicht, een verwaarloosd gebied? Impressies van het HEWET-experiment IV. *Nieuwe Wiskrant* (Tijdschrift voor Nederlands Wiskundeonderwijs), 2(1) (September): 22-28. [“Spatial awareness, a neglected area?” With abstract in English. Features Grand Canyon.] [In Dutch.]
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Vernieu, Bill

- 2005 14.392 The WingDing—February 5. *Flagstaff Friends of Traditional Music*, (February): [unpaginated insert]. [Whale Foundation WingDing benefit announcement.]

Verrealut-Julien, Philippe

- 2019 14.1867 *Understanding with models : hoe modellen onze de wereld helpen begrijpen* [how models help us understand the world]. Doctoral dissertation, Erasmus University (Rotterdam), 220 [221] pp. [See in section “4.6 Broad KnUn”; specifically, pp. 100-103, which discusses the contexts of the formation of the Grand Canyon as explained by young-earth creationists by one short-lived, massive flood. See also note on p. 127 regarding the falsification of the young-earth position.] [KnUn = “knowledge account of understanding”.] [In English; subtitle in Dutch.]

Veselka, T.; Ploussard, Q.; AND Christian, M. [Veselka, Thomas D.; Ploussard, Quentin M.; AND Christian, Mark]

- 2020 14.1712 *Historical hydropower operations and economic value : historical hydropower value*. Argonne, Illinois: Argonne National Laboratory, Energy Systems Division, SEPARATELY PAGINATED SECTIONS [160 pp. total]. (ANL-20/06.) [Glen Canyon Dam and Grand Canyon, *passim*.]

Veselka, Thomas D.; Poch, Les A.; AND Palmer, Clayton S.

- 2008 14.515 Ex post economic analysis of the electrical power system impacts of environmental restrictions at Glen Canyon Dam following the 1996 Record of Decision [ABSTRACT]. *In: Colorado River Basin Science and Resource Management Symposium 2008. Coming together: Coordination of science and restoration activities for the Colorado River ecosystem : abstracts : November 18-20, 2008, Doubletree Resort Hotel, Scottsdale, Arizona*. [No imprint], pp. 70-71.

Veselka, Thomas D.; Poch, Les A.; Palmer, Clayton S.; Loftin, S.; AND Osiek, B.

- 2010 14.857 *Ex post power economic analysis of Record of Decision : operational restrictions at Glen Canyon Dam*. Argonne, Illinois: Argonne National Laboratory, Decision and Information Sciences Division, 98 pp. (ANL/DIS-10-6.)

Veselka, Thomas D.; Portante, E. C.; Koritarov, V.; Hamilton, S.; VanKuiken, J. C.; McCoy, J. J.; Paprockas, K. R.; North, M. J.; Kavicky, J. A.; Guziel, K. A.; Moulton, R.; Poch, L. A.; Folga, S. M.; Tompkins, M. M.; Sedlacek, J.; AND Novickas, A. A.

- 1995 14.802 *Impacts of Western Area Power Administration’s power marketing alternatives on electric utility systems*. Argonne, Illinois: Argonne National Laboratory, Decision and Information Sciences Division, Systems Science Group, for U.S. Department of Energy, Western Area Power Administration, 216 pp. (ANL/DIS/TM-10.)

Vestal, Avis Gordon

- 1921 14.797 A new profession; the recreation engineer and his part in making our vacations worth while. *Scientific American*, 125(12) (September 17): 196, 207, 209. [See p. 207,

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note, *in passing*, of Frank A. Waugh who “has also outlined a plan for the development of a village at Grand Cañon, Ariz.” (Waugh, see [ITEM NO. 13.1393.](#))

Viera, Meg

2004 14.366 Back of the Boat—The Whale Foundation News Bulletin. *Boatman’s Quarterly Review*, 17(1) (Spring): 14-15.

Villwock-Witte, Natalie; Gleason, Rebecca; AND Shapiro, Phil

2011 14.1506 *Good practices to encourage bicycling and pedestrians on federal lands*. [No place]: Paul S. Sarbanes Technical Assistance Center, for U.S. Federal Transit Administration, 104 pp. [Grand Canyon noted in table, p. 6 (“Tuscayan, AZ” [*sic*]) and, under “Bike Rentals”, p. 27 (briefly)]

Vondra, Carl F.

1996 14.235 The Iowa State University geology field course; a low cost, quality student experience [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 28(7): 203.

Vrtis, George

2015 14.1696 Environmental history in the field: Reflections on teaching wilderness at Grand Canyon National Park. *In: Proceedings of the 2015 Symposium on Field Study*. [Colorado Springs, Colorado]: Colorado College, Office of Field Study, pp. 73-76.

Vukomanovic, Jelena, AND Randall, Joshua

2021 14.1639 Research trends in U.S. national parks, the world’s “living laboratories”. *Conservation Science and Practice*, 2021: e414 (<https://doi.org/10.1111/csp2.414>), 15 pp. + data available online at <https://github.com/ncsu-landchangelab/research-trends-national-parks> (Excel file).]

W

Wade, Bill

1973 14.875 [Letter to the editor.] *In: Feedback* [SECTION]. *NPS Newsletter* (U.S. National Park Service), 8(16) (August 20): 7. [Asks questions for response. “We’re seeking suggestions from the field for a training package we’re developing [at Albright Training Center] to orient concession employees. People in the field could request it for use in their seasonal orientation programs.”]

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Walker, M. V.

- 1951 14.1763 National parks in nature education. *National Parks Magazine*, 25(105) (April/June): 45-51. ("This article is adapted from a talk given at the second annual meeting of the Pacific Division of the American Nature Study Society, Salt Lake City, Utah, June 1950") [See photo, p. 45, "At Cape Royal on the Grand Canyon's north rim, a ranger naturalist talks to visitors about the canyon's geology and wildlife." No text mention.]

Wallis, Brad L.

- 2005 14.390 Partners in education. *Boatman's Quarterly Review*, 18(1) (Spring): 18.

Walls, Margaret; Lee, Patrick; AND Ashenfarb, Matthew

- 2020 14.1509 National monuments and economic growth in the American West. *Science Advances* (American Association for the Advancement of Science), 6: eaay8523, 9 pp. [Includes Vermilion Cliffs National Monmuent and Grand Canyon-Parashant National Monument.]

Walton, Tillie

- 2023 14.1789 "Wild Rivers With Tillie" now on PBS. *Boatman's Quarterly Review*, 36(1) (Spring): 7. [See also citation for Grand Canyon episode, Walton (2023, [ITEM NO.](#) 26.1400).]

Walton-Day, Katherine; Hinck, Jo Ellen; Siebers, Benjamin J.; Campbell, Kate M.; Croteau, Marie-Noele; Welch, Eric; Schuster, Rudy; AND Michalegko, Lesley F.

- 2021 14.1671 Innovative geoscience/society engagement—using art and social science to improve communication of the environmental effects of mining [ABSTRACT]. *Geological Society of America, Abstracts with Programs*, 53(6): Abstract 201-12, doi:10.1130/abs/2021AM-367906. [Uranium mining in the Grand Canyon region.]

Wang, Chun; Zhang, Yuanbiao; AND Liu, Yuanlong

- 2012 14.780 The exploration and optimization of the campsites arrangements for Big Long River. *Research Journal of Mathematics and Statistics*, 4(3): 76-83. [NOTE: "Big Long River" seems to be a conceptual idea used in mathematical modeling of socially based problems; it is also noticed by the compiler (2012) in various web-based resources. It seems to be founded on Colorado River use and campsites modeling in Grand Canyon, in that the Big Long River is 225 miles long and citations are given to artificial-intelligence models of the actual Grand Canyon River Trip Simulator program. This article is written somewhat in broken English, apparently not thoroughly edited.]

Watkins, Steven Mark

- 2014 14.1109 *An analysis of the Creation Museum: Hermeneutics, language, and information theory.* Doctoral dissertation, University of Louisville, Kentucky, 306 pp. [Creation Museum, Petersburg, Kentucky, operated by Answers In Genesis.] [Grand Canyon, see pp. 85, 143, 277, 291.]

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Watson, Clay

- 2022 14.1729 From a dedicated reader. *In: Dear Eddy*, [section]. *Boatman's Quarterly Review*, 35(3) (Fall): 2-3. [Regarding a private trip after 25 years absence from the Colorado in Grand Canyon; specifically, about support and camaraderie from other trips on the river.]

Watters, Kate [Watters, Katharine]

- 2008 14.815 Grand Canyon Trust volunteers: Partners in protecting biodiversity. *The Plant Press* (Arizona Native Plant Society), 32(2) (November): 18-19, 21.
- 2010 14.630 Volunteer program; connecting people to the landscapes of the Colorado Plateau. *Colorado Plateau Advocate*, (Summer): 22-23.
- 2010 14.668 Volunteer stewardship and the future of public lands. *Colorado Plateau Advocate*, (Winter/Spring 2010/2011): 20.
- 2011 14.687 Young volunteers; the future of conservation. *Colorado Plateau Advocate*, (Spring/Summer): 10-11. [Grand Canyon Trust Volunteer Program; includes notice of work at Kane Ranch and Two Mile Ranch.]
- 2011 14.730 Volunteer stories from the field; transforming lives and landscapes. *Colorado Plateau Advocate*, (Winter/Spring 2011/2012): 18-19.
- 2012 14.816 Working together: AAF and Grand Canyon Trust. *Pronghorn* (Arizona Antelope Foundation), 18(2) (2nd Quarter): 10.
- 2012 14.775 Volunteering brings Grand Canyon up close and personal. *Colorado Plateau Advocate*, (Spring/Summer): 14-15.

Watters, Kate, AND Falk, Darcy

- 2018 14.1297 Volunteer spotlight; Kate Watters, artist, musician, farmer, and former Volunteer Program director and Dary Falk, artist, writer, and volunteer. *Colorado Plateau Advocate*, (Spring/Summer): 20-21. [Interview, with a focus on the Kane Ranch Artist Retreat.]

Watson, Donald C.

- NO DATE 14.1041 Natural history associations. *In: Proceedings of the Second Park Naturalists Conference held at Grand Canyon National Park, November 13-17, 1940*. [No imprint] [mimeographed document, numbered 148673], pp. 237-243; discussion, pp. 243-246.

≡ CROSS-LISTINGS FQ18:164 [volume]

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Waugh, Frank A.

- 1918 14.1131 (COLLABORATOR) *Recreation uses on the national forests*. Washington, D.C.: U.S. Forest Service, 43 pp. [Grand Canyon National Monument, see pp. 3, 17, 18.]
-

Waye, Andrea

- 2005 14.1205 An environmental justice perspective on African-American visitation to Grand Canyon and Yosemite national parks. *Hastings West-Northwest Journal of Environmental Law and Policy*, 11(2) (Spring): 125-142.
-

Weaver, David Bruce

- 2001 14.353 Ecotourism as mass tourism: Contradiction or reality? *Cornell Hotel and Restaurant Administration Quarterly*, (April): 104-112.
-

Weaver, H. E.

- 1966 14.1481 Conservation of what? *In*: Letters to the Editor [SECTION]. *Science*, 152(3719) (April 8): 152. [Comment on an article (that is not pertinent to this bibliography), regarding the valuation of aesthetics, which notes (in context, unfavorably), "Grand Canyon can be converted to Grand Lake and enhance the real estate market in Central Arizona", which is in reference to the then-proposed dams in the Grand Canyon.]
-

Webber, Bonnie Lynn

- 1988 14.1246 Discourse deixis: Reference to discourse segments. *In*: *26th Annual Meeting of the Association for Computational Linguistics : proceedings of the conference : 7-10 June 1988, State University of New York at Buffalo, Buffalo, New York, USA*, pp. 113-122. [See pp. 121-122, note 5 (call-out on p. 117), which involves the Native American legend of a chief [Tíyo, or Tiyo]. Article pertains to discourse segments in computational approaches to discourse understanding.]
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Weber, Joe, AND Sultana, Selima

- 2013 14.1460 Why do so few minority people visit national parks? Visitation and the accessibility of "America's Best Idea". *Association of American Geographers, Annals*, 103(3): 437-464. [Grand Canyon, *passim*.]
-

Weber, Matthew A.; Caplan, Shannon; Ringold, Paul; AND Blocksom, Karen

- 2017 14.1320 Rivers and streams in the media: a content analysis of ecosystem services. *Ecology and Society*, 22(3) (September), Article 15, doi:10.5751/ES-09496-220315, 35 pp. [Study sources (listed in Appendix 3) include: web blog, "The Colorado River IS Running Dry:"; blog, "How to 'Fix' the Colorado River?"; and *New York Times* article, "The Mighty Colorado at a Glide" (see Siber, 2010, ITEM NO. 3.1395). Blogs are not citable material in this bibliography.]
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Webster, Hayley Frances Joy

- 2019 14.1718 *Self-knowledge, choice blindness, and confabulation*. Doctoral dissertation, University of Massachusetts at Amherst, 406 pp. [See pp. 172-175, remarks and discussion of Gendler's (2008, [ITEM NO. 14.575](#)) concept of belief and alief, taking note of the visual illusion in the Grand Canyon Skywalk experience.]
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Weeden, H. A.; Bordon, F. Y.; Turner, B. J.; Thompson, D. N.; Strauss, C. H.; AND Johnson, R. R.

- 1975 14.574 *Grand Canyon National Park campsite inventory. Progress report 3, Contract CX0001-3-0061*. Report for U.S. National Park Service.
≡ [CROSS-LISTINGS](#) | [CITED» GCNHA Monograph 8: page 4-29](#)
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Weesner, Meg

- 2015 14.1403 National service outings in Arizona. *Canyon Echo* (Sierra Club, Grand Canyon Chapter), 51(4) Fall): 14.
-

Wegner, Dave [Wegner, David]

- 2000 14.260 Socioeconomic study. *Hidden Passage* (Glen Canyon Institute), (5) (Spring): 14-15.
-

Weisheit, John

- 1996 14.236 (COMPILER) Use in river canyons. *The Confluence* (Colorado Plateau River Guides), 3(2) (Spring): 16-17.
-

Welch, Vince

- 2020 14.1559 Even to remember it is there. *In: QuaranZine* [FEATURE]. *Boatman's Quarterly Review*, 33(2) (Spring [*sic*, Summer]): 52. ["The Grand Canyon Relief Coalition developed the *QuaranZine* to be a place for our community to share thoughts and ideas about the emotions each of us are moving through [during the COVID-19 pandemic] . . . to display what the world has been coping with." (From Margeaux Bestard's introductory note to *QuaranZine*.)]
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Wells, Marcella D.

- 2009 14.658 (WITH Vernon Lovejoy and Darrell Welch) *Creating more meaning visitor experiences: Planning for interpretation and education*. Denver: U.S. Bureau of Reclamation, Policy and Program Services, 51 pp. + appendices. [See p. 35, footnote 7, regarding Trail of Time at Grand Canyon National Park.]
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Welsh, Michael P., AND Bishop, Richard C.

- 1998 14.361 Total valuation of Grand Canyon resources. *In: Water resources and the urban environment : proceedings of the 25th Annual Conference on Water Resources Planning and Management.* Reston, Virginia: American Society of Civil Engineers, pp. 407-412.

Welsh, Michael P.; Bishop, Richard C.; Baumgartner, Robert M.; AND Phillips, Marty L.

- 1994 14.237 *Pilot test non-use value study, Glen Canyon Environmental Studies (GCES) : draft final report.* Madison, Wisconsin: HBRS, Inc., 48 pp.

Welsh, Michael P.; Bishop, Richard C.; Phillips, Marcia L.; AND Baumgartner, Robert M.

- 1995 14.238 *GCES non-use value study : GCES non-use values final study summary report.* Madison, Wisconsin: Hagler Bailly Consulting, SEPARATELY PAGINATED SECTIONS.
- 1995 14.239 *GCES non-use value study : final report.* Madison, Wisconsin: Hagler Bailly Consulting, for Glen Canyon Environmental Studies, Non-Use Value Committee, SEPARATELY PAGINATED SECTIONS [359 pp. total].
- 1996 14.536 *Glen Canyon Dam, Colorado River Storage Project, Arizona—Non-use values final study : data sets.* Madison, Wisconsin: Hagler Bailly Consulting, 300 pp., 3 disks. (NTIS No. PB96-501887.)

Welsh, Randy T.

- 2000 14.846 A comparison of strategies for rationing and managing use on selected rivers in the United States in 1986 and 1998. *In: Watson, Alan E., Aplet, Greg H., and Hendee, John C. (compilers), Personal Societal, and Ecological Values of Wilderness: Sixth World Wilderness Congress Proceedings on Research, Management, and Allocation, Volume II; Bangalore, India, October 1998. U.S. Forest Service, Rocky Mountain Research Station, Proceedings, RMRS-P-14, pp. 25-34.*

The Whale Foundation⁷⁷

- 1998 14.1056 The Whale Foundation. *Boatman's Quarterly Review*, 11(3) (Summer): 12.
- 2002 14.1187 From the back of the boat. *Boatman's Quarterly Review*, 15(1) (Spring): 8. [Whale Foundation.]
- 2003 14.1188 Back of the Boat—The Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 16(3) (Fall): 15.
- 2004 14.371 Back of the Boat—The Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 17(3) (Fall): 8.

⁷⁷ The Whale Foundation's news bulletin, "Back of the Boat", as published periodically in the *Boatman's Quarterly Review*, and other items from The Whale Foundation, are cited under "Whale Foundation" only when the item is unsigned. Those items and bulletins signed by individuals are cited under those individuals' names.

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- 2005 14.389 Back of the Boat—Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 18(1) (Spring): 8-10. [Including photographs from the 3rd Annual Whale Foundation WingDing by Dan Direrker, pp. 9-10.]
- 2005 14.396 Back of the Boat—Whale Foundation news. *Boatman's Quarterly Review*, 18(2) (Summer): 36-37. [Includes "The Surprising Truth About Addiction", by Stanton Peele.] [See also comment about the Peele item, by Blair Kuropatkin, 18(3) (Fall): 6.] [NOTE: The Peele item relates to behavioral problems and treatment, with no mention of Grand Canyon or the Colorado River boating community, thus it is not cited separately in this bibliography; similarly the Kuropatkin comment.]
- 2005 14.399 Back of the Boat—The Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 18(3) (Fall): 15.
- 2006 14.415 Back of the Boat—The Whale Foundation news bulletin. *Boatman's Quarterly Review*, 18(4) (Winter 2005-2006): 18.
- 2006 14.429 Back of the Boat—The Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 19(1) (Spring): 17.
- 2006 14.444 Back of the Boat—The Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 19(2) (Summer): 10.
- 2006 14.446 Back of the Boat—The Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 19(3) (Fall): 8.
- 2006 14.454 Back of the Boat—The Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 19(4) (Winter 2006-2007): 19.
- 2007 14.463 Back of the Boat; the Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 20(1) (Spring 2006-2007) [sic]: 14. [Also accompanied by two unpaginated inserts; see Roberta Motter and Nancy Riccio, and Sandy Nevills Reiff.]
- 2007 14.471 Back of the Boat—The Whale Foundation news bulletin. *Boatman's Quarterly Review*, 20(2) (Summer): 26.
- 2007 14.473 Back of the Boat—The Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 20(3) (Fall): 40.
- 2007 14.478 Back of the Boat—The Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 20(4) (Winter 2007-2008): 19.
- 2008 14.506 Back of the Boat—the Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 21(2) (Summer): [unpaginated insert, one side of 2 pp.].
- 2008 14.1189 Back of the Boat—The Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 21(1) (Spring): 13-14.
- 2008 14.510 Back of the Boat—the Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 21(3) (Fall): 23.
- 2008 14.512 Back of the Boat—the Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 21(4) (Winter 2008-2009): 16

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GRAND CANYON–LAKE MEAD REGION

- 2009 14.1190 Back of the Boat—The Whale Foundation News Bulletin. *Boatman’s Quarterly Review*, 22(1) (Spring): [unpaginated insert], [1].
- 2009 14.1191 2008 Whale Foundation accomplishments. *In*: Back of the Boat—The Whale Foundation News Bulletin. *Boatman’s Quarterly Review*, 22(1) (Spring): [unpaginated insert], [2].
- 2009 14.567 Back of the Boat—The Whale Foundation News Bulletin. *Boatman’s Quarterly Review*, 22(2) (Summer): 23-24.
- 2009 14.568 Back of the Boat—The Whale Foundation News Bulletin. *Boatman’s Quarterly Review*, 22(3) (Fall): 37.
- 2009 14.583 Back of the Boat—The Whale Foundation News Bulletin. *Boatman’s Quarterly Review*, 22(4) (Winter 2009-2010): 24.
- 2010 14.609 Back of the Boat—The Whale Foundation News Bulletin. *Boatman’s Quarterly Review*, 23(1) (Spring): unpaginated insert.
- 2010 14.634 Back of the Boat—The Whale Foundation News Bulletin. *Boatman’s Quarterly Review*, 23(2) (Summer): 19.
- 2010 14.633 It’s your foundation. *Boatman’s Quarterly Review*, 23(2) (Summer): [one side of undated, unpaginated Whale Foundation insert].
- 2010 14.652 Back of the Boat—The Whale Foundation News Bulletin. *Boatman’s Quarterly Review*, 23(3) (Fall): 12.
- 2010 14.680 Back of the Boat—The Whale Foundation News Bulletin. *Boatman’s Quarterly Review*, 23(4) (Winter 2010-2011): 29.
- 2011 14.682 Back of the Boat—The Whale Foundation News Bulletin. *Boatman’s Quarterly Review*, 24(1) (Spring): 22.
- 2011 14.683 How it works. *Boatman’s Quarterly Review*, 24(1) (Spring): [Whale Foundation insert], 2.
- 2011 14.693 Back of the Boat—The Whale Foundation News Bulletin. *Boatman’s Quarterly Review*, 24(2) (Summer): 9.
- 2011 14.712 Back of the Boat—The Whale Foundation News Bulletin. *Boatman’s Quarterly Review*, 24(3) (Fall): 19.
- 2012 14.794 Back of the Boat—The Whale Foundation News Bulletin. *Boatman’s Quarterly Review*, 25(4) (Winter 2012-2013): 23.
- 2013 14.855 Back of the Boat—The Whale Foundation news bulletin. *Boatman’s Quarterly Review*, 26(3) (Fall): 20.
- 2013 14.891 Back of the Boat—The Whale Foundation news bulletin. *Boatman’s Quarterly Review*, 26(4) (Winter 2013-2014): 24. [12th Annual Wing Ding, and Board of Directors.]
- 2014 14.994 Back of the Boat—The Whale Foundation news bulletin. *Boatman’s Quarterly Review*, 27(4) (Winter 2014-2015): 10.

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GRAND CANYON–LAKE MEAD REGION

- 2015 14.1015 Back of the Boat—The Whale Foundation news bulletin. *Boatman's Quarterly Review*, 28(1) (Winter 2014-2015 [*sic*, Spring 2015]): 20.
- 2015 14.1034 Back of the Boat—The Whale Foundation news bulletin. *Boatman's Quarterly Review*, 28(3) (Fall): 21.
- 2015 14.1076 Back of the Boat—The Whale Foundation news bulletin. *Boatman's Quarterly Review*, 28(4) (Winter 2015-2016): 11.
- 2016 14.1103 Back of the Boat—The Whale Foundation news bulletin. *Boatman's Quarterly Review*, 29(1) (Spring): 4.
- 2014 14.1192 Back of the Boat Spring 2014. *Boatman's Quarterly Review*, 27(1) (Spring): 20.
- 2016 14.1169 An open statement to the Grand Canyon community. *In*: Back of the Boat—The Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 29(4) (Winter 2016-2017): 17. [Regarding socially safe and respectful working environment for women.]
- 2017 14.1186 Back of the Boat—The Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 30(1) (Spring): 12. [Also includes a photo credit correction for the 2017 Whale Foundation Grand Canyon calendar.]

The Whale Foundation, Board of Directors

- 2013 14.807 Back of the Boat—The Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 26(1) (Spring): 19.

Wharton, Emma

- 2003 14.359 Grand Canyon Youth season a success! *Boatman's Quarterly Review*, 16(3) (Fall): 16.
- 2003 14.363 Why do river trips with youth? *Boatman's Quarterly Review*, 16(4) (Winter): 5.
- 2004 14.364 What's new at Grand Canyon Youth? *Boatman's Quarterly Review*, 17(1) (Spring): 7.
- 2004 14.370 Exciting new partnerships at Grand Canyon Youth. *Boatman's Quarterly Review*, 17(2) (Summer): 5.
- 2004 14.383 GCWhy? *Currents* (Grand Canyon Youth Newsletter), 2 (Fall/Winter): 2.
- 2005 14.391 Lots of great news at Grand Canyon Youth! *Boatman's Quarterly Review*, 18(1) (Spring): 20-21.
- 2005 14.400 GCY update. *Boatman's Quarterly Review*, 18(3) (Fall): 18-19. [Grand Canyon Youth.]
- 2006 14.430 GCY update. *Boatman's Quarterly Review*, 19(1) (Spring): 16. [Grand Canyon Youth.]
- 2006 14.442 Grand Canyon Youth. *Grand Canyon River Runner*, (2) (Spring): 6-7.

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GRAND CANYON–LAKE MEAD REGION

- 2006 14.443 Grand Canyon Youth update. *Boatman's Quarterly Review*, 19(2) (Summer): 5.
- 2007 14.477 Grand Canyon Youth program update. *Boatman's Quarterly Review*, 20(4) (Winter 2007-2008): 18-19.
- 2009 14.550 Grand Canyon Youth program update. *Boatman's Quarterly Review*, 22(1) (Spring): 29.
- 2009 14.565 Grand Canyon Youth: Connecting young people to the educational power of the Grand Canyon. *Canyon Views* (Grand Canyon Association), 15(3) (Fall): 8.
- 2009 14.569 Grand Canyon Youth—what a season! *Boatman's Quarterly Review*, 22(3) (Fall): 36.
- 2010 14.608 What's new at Grand Canyon Youth. *Boatman's Quarterly Review*, 23(1) (Spring): 13.
- 2010 14.679 GCY update. *Boatman's Quarterly Review*, 23(4) (Winter 2010-2011): 17-18. [Grand Canyon Youth.]
- 2011 14.694 Grand Canyon Youth update. *Boatman's Quarterly Review*, 24(2) (Summer): 30-31.
- 2011 14.732 Confluence Award goes to GCRG's Lynn Hamilton. *Boatman's Quarterly Review*, 24(4) (Winter 2011-2012): 20. [Grand Canyon River Guides.]
- 2012 14.752 Youth + Rivers = Transformation. *Boatman's Quarterly Review*, 25(1) (Spring): 12. [Grand Canyon Youth.]
- 2014 14.995 Grand Canyon Youth update. *Boatman's Quarterly Review*, 27(4) (Winter 2014-2015): 14.
- 2015 14.1033 Grand Canyon Youth update. *Boatman's Quarterly Review*, 28(3) (Fall): 20.
- 2016 14.1121 Connecting youth to the rivers of the West. *Boatman's Quarterly Review*, 29(2) (Summer): 25-26. [Grand Canyon Youth.]
- 2017 14.1279 Grand Canyon Youth update. *Boatman's Quarterly Review*, 30(2) (Summer): 6.
- 2017 14.1225 Grand Canyon Youth (GCY) update. *Boatman's Quarterly Review*, 30(3) (Fall): 20.
- 2018 14.1367 Emma Wharton, Executive Director, Grand Canyon Youth. *In: Spotlight* [SECTION]. *Northern Arizona's Mountain Living Magazine*, (December): 35. [Interview.]

Whipple, A. V., AND Hope, D.

- 2017 14.1304 Working partnerships for the "science" in science-based management on the North Rim Ranches: the Southwestern Experimental Garden Array (SEGA) [ABSTRACT]. *In: 14th Biennial Conference of Science and Management for the Colorado Plateau and Southwest Region, September 11-14, 2017, High Country Conference Center, Northern Arizona University, Flagstaff, Arizona*. [No imprint], p. 177. [Kane Ranch, Two Mile Ranch.]
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White, David R.

- 1991 14.518 *Tourism as economic development : a case study on the Havasupai Reservation.* Master's thesis, University of Michigan, 82 pp.
- 1993 14.240 Tourism as economic development for native people living in the shadow of a protected area: A North American case study. *Society and Natural Resources*, 6(4) (October/December): 339-345. [Havasupai.]
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Whitesides, Heather J., AND Senegal, Taylor

- 2016 14.1148 Lake Mead National Recreation Area educates the public and develops future land stewards [ABSTRACT]. *In: Lower Colorado River Science Symposium 2016, February 8 and 9, 2016 : Southern Nevada Water Authority Colorado River Room, Las Vegas.* [No imprint], p. 12. [Fourth Biennial Lake Mead Science Symposium.]
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Whitmeyer, Steven J.; Atchison, Christopher; AND Collins, Trevor D.

- 2020 14.1660 Using mobile technologies to enhance accessibility and inclusion in field-based learning. *GSA Today* (Geological Society of America), 30 (September): cover, 4-10 + Supplemental Material online (Table SD1, Figures SD1-SD3) (<https://doi.org/10.1130/GSAT.S.12501404>). [See "The Grand Canyon" (p. 5), exercise focusing on the Trail of Time.]
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Whitmore, John H.

- 2018 14.1392 Preface. *In: Whitmore, John H. (Editorial Board Chairman), Proceedings of the Eighth International Conference on Creationism, July 29-August 1, 2018, Pittsburgh, Pennsylvania, USA.* Pittsburgh, Pennsylvania: Creation Science Fellowship, Inc., pp. v-vi. [Grand Canyon work noted.]
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Whitney, Tim

- 1994 14.241 The Warren report; a recycling update. *Boatman's Quarterly Review*, 7(2) (Spring): 17.

Whitney, Tim, AND Grua, Michelle

- 2004 14.386 Back of the Boat—The Whale Foundation News Bulletin. *Boatman's Quarterly Review*, 17(4) (Winter 2004-2005): 42.
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Whittaker, Doug; Shelby, Bo; Jackson, William; AND Beschta, Robert

- 1993 14.242 *Instream flows for recreation: A handbook on concepts and research methods.* U.S. National Park Service, Rivers and Trails Conservation Program; Cooperative Park Studies Unit, Oregon State University; and U.S. National Park Service, Water Resources Division.
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GRAND CANYON–LAKE MEAD REGION

Wichman, Casey J.

- 2024 14.1816 Social media influences National Park visitation. *U.S. National Academy of Sciences, Proceedings*, 121(15): e2310417121, 11 pp. [Statistical study. Grand Canyon noted in data, Fig. 2 (p. 6) and in text, *in passing*, p. 7.]
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Wiggins, Travis

- 2009 14.566 Grand Canyon Trust volunteers—ways to give back, from the rim to the river. *Boatman's Quarterly Review*, 22(2) (Summer): 19-20.
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Wilkinson, Charles

- 1999 14.1753 Sustaining the lands, waters and human spirit. *Ranger* (Association of National Park Rangers, Journal), 15(4) (Fall): 2-3. [Visitor education of resources sustainability. Includes remarks pertaining to Grand Canyon.]
-

Williams, Deborah, AND Semken, Steven

- 2011 14.685 Ethnographic methods in analysis of place-based geoscience curriculum and pedagogy. *In*: Feig, Anthony G., and Stokes, Alison (eds.), *Qualitative inquiry in geoscience education research. Geological Society of America, Special Paper 474*, pp. 49-62. [Includes Grand Canyon.]
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Williams, Jessica

- NO DATE 14.1858 (WITH Angela Blackwell, Christina Cavage, Laurie Frazer) *PRISM : Listening and speaking : 4*. [No place]: Cambridge University Press, 224 pp. [Teachers' guide for *PRISM*, and audio/visual educational product. In Unit 1, see under "Critical Thinking", in which part of the lesson involves listening to "a park ranger talk about the situation in Grand Canyon National Park", then to work in small groups for "ideas that support and oppose both points of view", which then will be reported to the class.]
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Williams, Mike [Williams, Michael L.]

- 2011 14.1185 The Trail of Time at Grand Canyon; a new outreach exhibition with a UMASS touch. *UMASS Amherst Geosciences* (University of Massachusetts Amherst, Department of Geosciences), (Summer): 8-9.
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Wilson, Doug

- 1981 14.884 Disabled kids visit Lake Mead. *Courier* (U.S. National Park Service), 4(11) (November): 3. [Photo legend is misplaced with photo in unrelated article on p. 1: "Participants in the Adaptive Recreation Program at Lake Mead NRA."]
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GRAND CANYON–LAKE MEAD REGION

Wisconsin Free Library Commission

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| 1908 | 14.859 | Travel in the United States. <i>Wisconsin Free Library Commission, Study Outlines</i> , (19), 27 pp. [See "XVII; Wonderland of the Southwest", p. 22, and bibliographical material, pp. 2-3. [For revision see Fanning (1916, ITEM NO. 14.605).] |
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Wittig, Stacey

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| 2013 | 14.1019 | Forum discusses future energy for Colorado Plateau. <i>Flagstaff Business News</i> (Flagstaff, Arizona), 6(12) (December): 4, 38. |
| 2014 | 14.922 | Economic impact of Grand Canyon National Park tourism reaches \$454 million. <i>Flagstaff Business News</i> (Flagstaff, Arizona), 7(4) (April): 1, 43. |
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Wittmer, Carrie

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| 2017 | 14.1292 | A day in the life of a classroom ranger. <i>Canyon Views</i> (Grand Canyon Association), 24(3) (October): 5. |
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Wojick, Christopher L.; Huntoon, Jacqueline E.; AND Bluth, Gregg J. S.

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| 2011 | 14.719 | Integrating earth science and engineering in a field-based course for teachers [ABSTRACT]. <i>Geological Society of America, Abstracts with Programs</i> , 43(5): 24. |
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Wojtowicz, B., AND Modrzewski, A. F.

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| 2015 | 14.1497 | Geodiversity national parks of the West Coast of the United States of America. <i>In: Геология в школе и вузе: Геология и цивилизация : Материалы IX Международной конференции и летней школы : 30 июня-9 июля 2015 г.</i> [Geologiya v shkole i vuze: Geologiya i tsivilizatsiya : Materialy IX Mezhdunarodnoy konferentsii i letney shkoly : 30 iyunya-9 iyulya 2015] [Geology at School and University: Geology and Civilization : Materials of the IX International Conference and Summer School : June 30-July 9, 2015]. Санкт-Петербург [St. Petersburg, Russia]: Издательство РГПУ им. А. И. Герцена [Izdatel'stvo RGPU imeni A. I. Gertsena] [RSPU "A. I. Herzen" Publishing House], pp. 288-294. [Focus is on geotourism. Grand Canyon National Park, pp. 288-290.] [РГПУ: Российский Государственный Педагогический Университет (Rossiyskiy gosudarstvennyy pedagogicheskiy universitet) (Russian State Pedagogical University).] [Item in English; volume bilingual, with title-page in Russian.] |
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Wood, Carolyn D.

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| 1903 | 14.1651 | Geography VI for fifth and sixth grades. Drainage. (<i>Continued.</i>) Colorado River. <i>Popular Educator</i> , 20(6) (February): 284. [Effectively a lesson plan.] |
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Wood, Jim F., AND Ringsven, Sharon

- 1999 14.1042 Does anyone here speak jē-’ă-lə-jē? *In*: U.S. National Park Service, *Natural resource year in review 1998*, p. 61. [Does anyone here speak geology?] [Includes Lake Mead National Recreation Area.]

Wood, John R.; Bozek, Michael A.; Milner, Andrew R. C.; Mims, Alison L.; Frost, Forest; AND Santucci, Vincent L.

- 2021 14.1687 Structure from motion photogrammetry enhances paleontological resource documentation, research, preservation and education efforts for National Park Service areas. *In*: Lucas, Spencer G., Hunt, Adrian P., and Lichtig, Asher J. (eds.), *Fossil Record 7. New Mexico Museum of Natural History and Science, Bulletin 82*, pp. 513-523. [See “Case Study #3—Use of 3D Data for Enhanced Visitor Engagement and Outreach” (pp. 520-521), which features “a virtual museum to showcase the paleontological resources of Grand Canyon National Park (<https://www.nps.gov/articles/series.htm?id=A9E62040-AC6F-A6D7-BE564A036F1D6146>)” (accessed *here*, 7 November 2021).]

Wood, Molly

- 2024 14.1815 Back of the Boat—The Whale Foundation News Bulletin. *Boatman’s Quarterly Review*, 37(1) (Spring): 23.
- 2024 14.1852 Back of the Boat—The Whale Foundation News Bulletin. *Boatman’s Quarterly Review*, 37(3) (Fall): 3.
- 2024 14.1887 Back of the Boat—The Whale Foundation News Bulletin. *Boatman’s Quarterly Review*, 37(4) (Winter 2024/2025): 9.

Woodhouse, Connie A., AND Ferguson, Daniel B.

- 2019 14.1495 Engaged research to advance scientific and societal goals: A case study from the Lower Colorado River Basin [ABSTRACT]. *American Geophysical Union, 2019 Fall Meeting, San Francisco, CA, 9-13 December 2019*, Abstract PA51E-0923.

Woodruff, Marjorie

- 2013 14.963 Pollution of grandeur. *In*: Feedback [SECTION]. *Outside*, (August): 16. [Letter opposing challenge contests for rim-to-rim-to-rim Grand Canyon runners.]

World Tourism Alliance [世界旅游联盟]

- 2019 14.1803 大河交朋：服那报告 [Dàhé jiāo péng : fú nà bàogào] / *Tourism development report on river valley civilization*. [Tianjin]: 南开大学 旅游与服务学院 [nánkāi dàxué lǚyóu yǔ fúwù xuéyuàn] [Nankai University, School of Tourism and Services], 397 [399] pp. (Published and distributed by 中国旅游出版社 [Zhōngguó lǚyóu chūbǎn shè] [China Tourism Publishing House], Beijing.) [See in “案例 2.1: 黄河壶口瀑布自然景观与探险旅游 [Case 2.1: Natural landscape and adventure tourism of Hukou Waterfall on the

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Yellow River], section “2. 旅游式学习, 全方位科普” [2. Travel-style learning, comprehensive science popularization]; specifically, p. 65 (*translated here*), ‘The Grand Canyon in Arizona, USA, was opened as “Grand Canyon National Park” in 1919. So far, it has become one of the most visited and far-reaching national parks in the United States. The development of the canyon park tourism model places great emphasis on scientific and ecological education functions. The explanatory boards and tourist manuals introducing scenic spots in the park focus on disseminating scientific knowledge and educating tourists on geology, ecology and other sciences. For example, draw a cross-section of the rock formations seen by tourists at the location where they are standing, and indicate the names, characteristics, formation ages of different rock formations, and the causes of these specific shapes and colors. Help tourists explore changes in geology and landforms, understand rich information about nature, and acquire historical and cultural knowledge. Management training also pays special attention to ecological science education. In addition, based on its majestic natural landscape, rich ecological distribution of animals and plants, and its focus on natural ecology and adventure sports tourism, the Grand Canyon Park has systematically designed specific customer sources focusing on the adventure and scientific research tourism market. The interpretation system takes the concept of harmonious coexistence between man and nature as the starting point for the construction of the interpretation system of the Grand Canyon Scenic Area, and plays a tourism education function to a certain extent.’] [In Chinese, with document title and author credit in Chinese and English, thus.]

Wormald, Dan

2017	14.1242	<i>Deep time : a public engagement literature review.</i> [London]: Natural History Museum, 11 pp. [Trail of Time exhibit at Grand Canyon, see pp. 4, 7, 9.]
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Wright, Pat

1996	14.606	Prepared statement of Pat Wright, Senior Vice President, Education Division, ETC with Telecommunications, Inc. <i>From:</i> Statement of Pat Wright, Senior Vice President of Education, ETC with Telecommunications, Inc. <i>In: Educational Satellite Loan Guarantee Program Act, and distance learning : hearing before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation, United States Senate, One Hundred Fourth Congress, Second Session, April 24, 1996.</i> Washington, D.C.: U.S. Government Printing Office, pp. 119-124 (full statement, pp. 117-124). (S. Hrg. 104-548.) [See p. 120, reference to a partnership with The Learning Channel via cable television: “Geonauts—Geonauts is an ‘electronic field trip’ in which the Grand Canyon becomes a national laboratory for exploratory science. The program is provided in conjunction with the National Park Service and is integrated into the 4th through 6th grade Science curriculum 2 days a week.” (ENTIRE NOTE)]
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Wu, Xiaoting

2019	14.1681	<i>Recreation visits to Lake Mead and Glen Canyon National Recreation Areas: A replication study.</i> Master’s thesis, University of Arizona, 39 pp.
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Wullstein, Leroy H.; McNulty, Irving B.; AND Klikoff, Lionel G.

- 1971 14.243 (EDS.) *Environment, man, survival : Grand Canyon symposium, 1970*. [Salt Lake City]: University of Utah, Department of Biology, 111 pp.
 ≡ CROSS-LISTINGS |CITED» GCNHA Monograph 2: page 94| |CITED» GCNHA Monograph 8: page 4-30|

Wyland Foundation

- 2008 14.795 *MacGillivray Freeman's Grand Canyon Adventure : River at Risk : Teacher's guide*. [No place]: Wyland Foundation, 17 pp. [Page 17 is inside back cover.]
- 2008 14.962 *MacGillivray Freeman's Grand Canyon Adventure : River at Risk. Begleitheft für den Unterricht*. [No place]: Wyland Foundation, 8 pp. [In German.]

Wyle Laboratories

- 1971 14.800 *Community noise*. [No place]: Wyle Laboratories, for U.S. Environmental Protection Agency, Office of Noise Abatement and Control, 100, 82, 14, 7 pp. (NTID300.3.) [Throughout includes data for Location R, "Grand Canyon, North Rim—Arizona".]

Wynne, Wanda

- 1985 14.244 River expedition report: Sociological data, Summer, 1984. *In*: House, Dorothy A. (ed.), *Colorado River Investigations III : July/August 1984* (supervised by Stanley S. Beus and Steven W. Carothers). Flagstaff, Arizona: Northern Arizona University, for U.S. National Park Service, Grand Canyon National Park, pp. 130-133.

X

Xanterra South Rim, L.L.C.

- 2013 14.1573 *The canyon informer international*. [Grand Canyon, Arizona]: Xanterra South Rim, L.L.C., 4 pp. [Employment prospectus in the tourism services managed by Xanterra.]

Xu, Jiaxuan, AND Liu, Qizhang [許嘉軒; 劉奇璋]

- 2018 14.1716 國家公園是否能成為議題教育的夥伴？以美國大峽谷國家公園的設施、課程方案與營運方式為初探 [Guójiā gōngyuán shìfǒu néng chéngwéi yìtí jiàoyù de huǒbàn? Yí měiguó dà xiágǔ guójiā gōngyuán de shèshī, kèchéng fāng'àn yǔ yíngyùn fāngshì wèi chūtàn] [Can national parks become partners in the issue of education? The facilities, curriculum plan and operation method of the Grand Canyon National Park in the United States as a preliminary example]. 臺灣教育評論月刊 [táiwān jiàoyù pínglùn yuèkān] [Taiwan Educational Review Monthly] (臺灣教育評論學會 [Táiwān jiàoyù pínglùn xuéhuì] / Association for Taiwan Educational Review, 臺北市立大學學

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習與媒材設計學系 [Táiběi shìlì dàxué xuéxí yǔ méi cái shèjì xué xì] [Taipei City University, Department of Learning and Media Design]), 7(10) (July): 46-59. [In Chinese, with bilingual publisher's information from association website.]

Y

Yang, Ming-ching

- 1995 14.245 *An exploratory analysis of the travel benefits sought, travel satisfaction, culture shock, and image differences among international tourists on bus tours between Los Angeles and Las Vegas.* Doctoral dissertation, Pennsylvania State University, 318 pp.

Yard, Robert S.

- 1923 14.247 Economic aspects of our national parks policy. *Scientific Monthly*, 16(4): 380-388.

Yasmin, Anizar Ahmad

- 2008 14.956 *The Simpsons Movie: Critiques on consumerism and environmental problem [sic].* Undergraduate thesis, State University of Malang, Malang, Indonesia, Under Graduate Program in English Language, 59 [60] pp. [See pp. 33-34, regarding *The Simpsons Movie* act relating to the Grand Canyon and the creation of the New Grand Canyon.] [Universitas Negeri Malang.]

Ye, Zhirui; Albert, Steve; Eidswick, Jaime; AND Law, Susan

- 2010 14.677 Improving shuttle ridership using intelligent transportation system technologies. *Transportation Research Record* (Transportation Research Board, Journal), (2174): 44-50.

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- 2000 14.293 Your ice boils my blood. *In*: "Ice-ssay's," begging and etiquette, or . . . need ice? [FEATURE]. *The Waiting List* (Grand Canyon Private Boaters Association), 4(2) (Summer): 14. [Letter, gathered from gdboaters@songbird.com electronic list. Ellipsis is part of feature title.]
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