

BIBLIOGRAPHY &
ANNOTATED CHECKLIST
of
LIVING ORGANISMS FIRST NAMED
from the
GRAND CANYON *and* VICINITY
(NORTHWESTERN ARIZONA)

ADDENDUM TO THE SECOND EDITION

compiled and edited by

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RAVEN'S PERCH MEDIA

BIBLIOGRAPHICAL AND HISTORICAL RESOURCES ON THE
GRAND CANYON AND LOWER COLORADO RIVER REGIONS OF THE
UNITED STATES AND MEXICO

Bibliography and Annotated Checklist of Living Organisms First Named from the Grand Canyon and Vicinity (Northwestern Arizona)

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This publication is a resource manager's and historian's reference work documenting species-level taxa of living organisms that were first scientifically named based wholly or in part on collections made at, in, or near the Grand Canyon. This is not a work of systematics nor of taxonomic revision. Taxonomic combinations are those of the original authors or authorities, preserving original context; subsequent revisions of taxonomy and typification are not cited. Publications and pertinent taxa meeting the purpose of the checklist are as known to the compiler as of June 2026.

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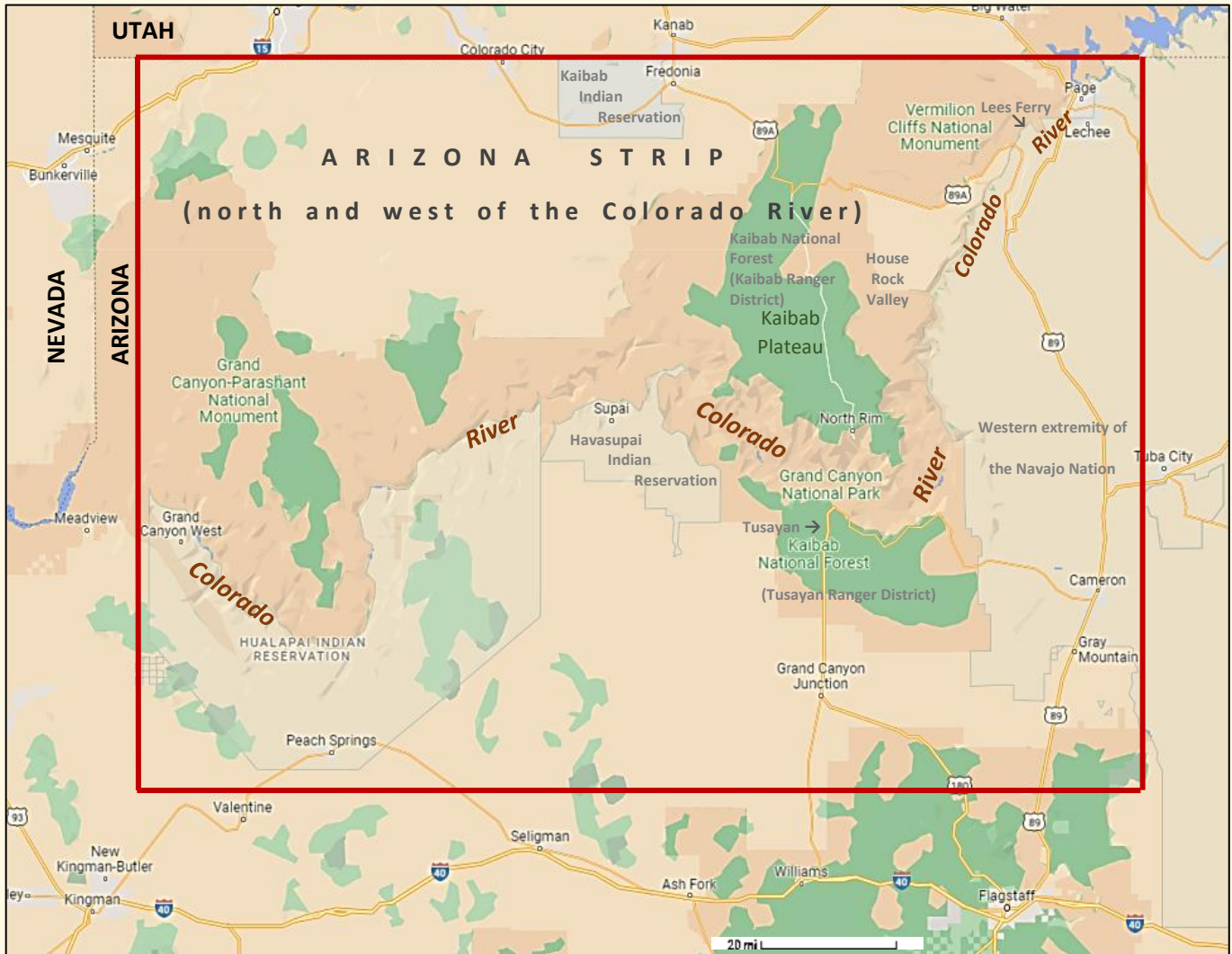
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APPROXIMATE AREA OF COVERAGE FOR THIS CHECKLIST



Base map from Google, emended

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NOTES ON FORMAT

Taxonomic combinations are those of the original authors or authorities, preserving original context; subsequent revisions of taxonomy and typification are not cited. Publications and pertinent taxa meeting the purpose of the checklist are as known to the compiler as of June 2026.

➡ Arrow indicates taxa for which at least one locality reported for its types is within, or is with good probability from within, the present boundaries of Grand Canyon National Park. Refer to the Second Edition of the Checklist for all details.

Red Numbers indicate the sequentially enumerated taxa in the bibliography (in the first and second editions they reflect the alphabetical order by publication author). In this Addendum sequential numbers are prefixed with “A” to specifically note that it is a number applied only within the Addendum. If a third edition of the Checklist is prepared, the numbers will be re-enumerated to coincide with that edition.

ADDENDUM TO THE BIBLIOGRAPHY AND CHECKLIST

Braun, Annette F.

- 1925 New microlepidoptera from the Southwest. *Canadian Entomologist*, 57(6) (June): 147-150.

Arthropoda: Insecta: Lepidoptera: Lyonetiidae (leaf miners)

- A01** ➔ *Leucoptera robiniella*, NEW SPECIES (p. 150); not illustrated

"Type [holotype] (♂) and five paratypes (3♂, 2♀), reared from miners of leaves of *Robinia neo-mexicana*, **Bright Angel Point, North Rim, Grand Canyon**, Arizona, 8100 feet altitude."

"The larvae were collected July 26 and pupated soon after; imagoes April 3 to April 4."

- 1927 Descriptions of new microlepidoptera. *Transactions of the American Entomological Society*, 53(3) (September): 191-199.

- A02** ➔ *Tischeria mediotriata*, NEW SPECIES (p. 197); not illustrated

"Type [holotype] (♂) reared from a miner on a leaf of *Quercus gambelii*, **North Rim, Grand Canyon**, Arizona, 8100 ft."

Extralimital to the coverage of this checklist are the allotype (♀), from San Bernardino Mountains, California and two paratypes (♂,♀) from Fedalba, California. All specimens in the author's collection.

Gardner, Joel and Gibbs, Jason

- 2020 The "red-tailed" *Lasioglossum (Dialictus)* (Hymenoptera: Halictidae) of the western Nearctic. *European Journal of Taxonomy*, 725:1-242 [entire number]. (Monograph urn:lsid:zoobank.org:pub:89FA8DDF-F4B9-417-A-A5AF-B2BC9660E024.) (<https://doi.org/10.5852/ejt.2020.725.1167>)

Arthropoda: Insecta: Hymenoptera: Halictidae (sweat bees)

- A03** ➔ *Lasioglossum (Dialictus) cactorum*, NEW SPECIES (pp. 32-39, figs. 16-18, 93C, 114A)

Holotype from Nevada; paratypes include (square brackets are part of quotation): "2 ♀♀ **Grand Canyon Mile 1792 [sic, 179.2]**; [36°N, 112° W]; 11 Jun. 1953; G.D. Butler leg.; UAIC · 1♀ **Grand Canyon Mile 32**; [36°N, 112° W]; 6 Jun. 1953; G.D. Butler leg.; UAIC".

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A04 ➡ *Lasioglossum (Dialictus) miltolepoides* , NEW SPECIES (pp. 142-147, figs. 61-63, 90I, 97B, 103B, 113A)

Holotype from Utah; paratypes include (square brackets are part of quotation): "1 ♀ **Grand Canyon Mile 0**; [36°N, 112° W]; 6 Jun. 1953; G.D. Butler leg.; UAIC · 2♀♀ **Grand Canyon Mile 20.4**; [36°N, 112° W]; 6 Jun. 1953; G.D. Butler leg.; UAIC".

(Localities cited are here interpreted as being along the Colorado River. By convention, Mile 0 is at Lee's Ferry, Arizona. The geographic coordinates given by the authors are uselessly imprecise, locating only a lat/long intersection that lies on the eastern part of the South Rim of Grand Canyon.)

Jones, Marcus E.

1912 New species and notes. *Contributions to Western Botany, No. 14*. [Privately published without imprint] (June 29, 1912).

A05 *Agrostis filiculmis*, NEW SPECIES (p. 13); not illustrated

Trachyophyta: Magnoliopsida: Poales: Poaceae (grasses)

"**Little De Motte Park** on the Kaibab in northern Arizona. Upper Temperate Life Zone, on gravelly mesas, in the fall of 1894." [No further locality data.]

NOTE: The species is recorded in ITIS (Integrated Taxonomic Information System) as an unaccepted name, synonymized with *A. idahoensis* Nash, with the comment, "No 'unacceptability reason' was explicitly supplied in Catalogue of New World Grasses data export." The species is listed in the present Checklist as an original name, published in the record in good faith, without further remarks concerning the validity of the taxon.

(https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=785522)

Kraus, E. J.

1912 A revision of the genus *Lasconotus* Er. (Coleoptera; Colydiidæ.) *Proceedings of the Entomological Society of Washington* (Washington, D.C.), 14(1) (January/March): 25-44.

A06 ➡ *Lasconotus planipennis*, NEW SPECIES (p. 39); not illustrated

Arthropoda: Insecta: Coleoptera: Colydiidae

"Type [holotype]: No. 14190, U. S. N. M.; Hopk. U. S., No. 5097. One of eight specimens collected by J. L. Webb at **Grand Canyon**, Arizona." [No further locality data.]

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Levine, Norman D.; Ivens, Virginia; and Kruidenier, Francis J.

- 1955 *Dorisiella arizonensis* n.sp., a coddidium from the desert woodrat, *Neotoma lepida*.
Journal of Protozoology, 2 (May): 52-53.

A07 ➡ *Dorisiella arizonensis*, NEW SPECIES (pp. 52-53; text-fig. 1)

Apicomplexa: Conoidasida : Eucoccidiorida: Eimeriidae (coccid parasites)

"... a new species of *Dorisiella* whose oocysts were found in the feces of a desert woodrat, *Neotoma lepida*, collected July 11, 1954 by Mr. K. R. Nelson on the **east side of Cedar Mountain, which is on the south rim of Grand Canyon.**" [There is a possibility that the precise locality lies within the Navajo Nation, the western boundary of which passes through the eastern side of Cedar Mountain, but without that information the Grand Canyon locale will be referenced, as published.]

Also notes, "A complete report on this and other coccidia encountered in the [Grand Canyon] survey will be published later." Refer to Levine *et al.* (1957a) in the 2nd edition of this checklist, in which eleven new species of intestinal parasites are described from rodents taken in Grand Canyon National Park and vicinity.

Sublette, James E.; Stevens, Lawrence E.; and Shannon, Joseph P.

- 1998 Chironomidae (Diptera) of the Colorado River, Grand Canyon, Arizona, USA, I:
Systematics and ecology. *Great Basin Naturalist*, 58(2) (April 30): 97-146.

Arthropoda: Insecta: Diptera: Chironomidae (midges)

A08 ➡ *Cricotopus (Cricotopus) blinni* Sublette *in* Sublette, Stevens, and Shannon, NEW SPECIES (pp. 107-111; figs. 13-20, 54, 55)

Holotype from **Colorado River mile 144.0**, paratypes include specimens from **Colorado River miles 0.5, 133.5, 144.0, 166.5**.

A09 ➡ *Cricotopus (Cricotopus) hermanni* Sublette *in* Sublette, Stevens, and Shannon, NEW SPECIES (pp. 115-117; figs. 33-35, 57)

Paratypes include specimens from **Colorado River miles 31.0, 31.8 [Vasey's Paradise], 133.0**. (Holotype is from Arkansas River, Colorado; extralimital to this checklist.)

A10 ➡ *Metriocnemus stevensi* Sublette *in* Sublette, Stevens, and Shannon, NEW SPECIES (pp. 124-125); not illustrated [though genitalia are referred to fig. 39]

Holotype and paratype from **Vasey's Paradise, Colorado River mile 31.8**.

A11 ➡ *Cladotanytarsus marki* Sublette *in* Sublette, Stevens, and Shannon, NEW SPECIES (p. 137; fig. 53)

Holotype from **Colorado River mile 174.3**, paratypes collected with the holotype and from **Colorado River mile 108.5**.

(By convention, mileages along the Colorado River begin at Mile 0 at Lee's Ferry, Arizona.)

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Tidestrom, Ivar

1913 Novitates florae Utahensis. *Proceedings of the Biological Society of Washington* (Washington, D.C.), 26: 121-122.

Trachyophyta: Magnoliopsida: Ranunculales: Ranunculaceae (larkspur)

A12 *Delphinium pinetorum* Tidestrom, NEW SPECIES (pp. 121-122); not illustrated.

Type [holotype] from "an altitude of 1800 m. on the **Kaibab Plateau**, northern Arizona, where it grows among *Pinus ponderosa*" [specific locale not indicated]. Type in the U.S. National Herbarium (Tidestrom 2375).

END OF ADDENDUM TO THE CHECKLIST