



# Arizona Geological Society Newsletter

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SEPTEMBER 2020

## Society Announcements

**AGS members,**

For this month, AGS will be hosting a Zoom social hour for members of the society to meet, network, and discuss future programs.

We hope to see you there,

Respectfully,

AGS Executive Committee

**Please note that the meeting is scheduled for Thursday, September 17th, at 7:00 pm**

Program: AGS Social Hour

Zoom Information: **ID and Passcode will be emailed and posted on the AGS event page soon.**

### What you need to know to ZOOM

- You need a PC or Mac with computer audio and an internet connection to view and hear the presentation.
  - Simply follow the provided link in the upcoming email (or from the AGS event page)
  - And follow the instructions to 'Launch the Application'
  - Enter provided passcode.
- If you have a web camera, you can toggle it on for others to see you. Or not.
- You will be muted upon entry. Please remain muted during the formal presentation.
- Select 'More' followed by 'Chat' to queue up a question during the talk.
- There will be time for Q&A at the end.

**If you are interested in sponsoring future AGS virtual meetings, please contact:**

**[info@arizonageologicalsoc.org](mailto:info@arizonageologicalsoc.org)**

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### Arizona Geology Blog:

#### Island Mountains of Southeastern Arizona – NEW Down-to-Earth Booklet

3 August 2020

John V. Bezy, Ph.D., began writing natural history books in 1975. Over the past 45-years, John has penned more than 20 books. In 1998, Dr. Bezy co-authored ‘Ice Age Mammals of the San Pedro River Valley Southeastern Arizona’, the sixth offering in the Arizona Geological Survey’s (AZGS) Down-to-Earth (DTE) popular geology booklet series. His latest book, ‘[Island Mountains of Southeastern Arizona: Geology, Vegetation & Wildlife](#)’, is his 12th and most ambitious contribution to the DTE series. (Image: Elephant Head in the Santa Rita Mountains by Kenneth Bosma CC-BY-2.0 (Wikipedia).)

This 99-page booklet includes more than 100 images, maps, and illustrations on the geology and natural history of 11 Madrean sky island mountain ranges: in the order in which they appear in the text; Santa Catalina, Rincón, Tortolita, Santa Rita, Tucson, Galiuro, Pinaleño, Chiricahua, Mule, Huachuca, and Whetstone Mountains.

From the Introduction, ‘Eleven island-like mountain ranges tower thousands of feet above adjacent basins in southeastern Arizona... These island mountains, together with over a dozen other ranges, that are either lower in elevation or more difficult to access, make up the Basin and Range geologic province of southeastern Arizona.’

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The book is divided into four sections: General Geology of the Mountains of Southeastern Arizona; Vegetation and Wildlife of the Island Mountains; Island Mountains of Southeastern Arizona: An In-depth Look; and, Suggested Readings. At 70-pages, the Island Mountains of Southeastern Arizona is the longest section, diving deeply into the geologic origins and histories of the 11 Madrean Sky Island mountain ranges.

Suggested Readings includes dozens of books, geologic articles, and published geologic maps for the engaged reader to follow up on. A number of these resources can be downloaded from the AZGS Document Repository. The Readings section is subdivided by Madrean Sky Island mountain ranges.

### **Background**

John Vincent Bezy graduated from the University of Arizona in 1998 with a Ph.D. in geology. His dissertation examined the granite landforms on the northern and western margins of the Santa Catalina Mountains near Tucson, Arizona. His Masters thesis, released in 1970, explored changing settlement and road patterns in the Montelores region of Colorado. John worked for many years with the potters of Mata Ortiz, Chihuahua, to promote their work and to conduct educational tours to this and other parts of Mexico and Latin America.

### **Acknowledgment**

AZGS staff thanks John Bezy for his generous contribution to our Down-to-Earth series over the past two decades. John’s natural history booklets drawing on Arizona’s geology has been the backbone of our popular geology series. Thousands of paper copies were sold through the Arizona Geology Bookstore and tens-of-thousands of digital copies have been downloaded – free - from the AZGS Document Repository. John Bezy spend 1000s of hours researching and writing these texts without once requesting financial reimbursement.

Thank you, John!

### **Bibliography of John V. Bezy**

To view/download free digital copies of the [Down to Earth](#) booklets.

### **Additional information at:**

<https://blog.azgs.arizona.edu/blog/2020-09/island-mountains-southeastern-arizona-new-down-earth-booklet>



ARIZONA GEOLOGY  
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## **Opportunities**

### **AZGS hiring for full-time Researcher/Scientist position**

The Arizona Geological Survey has two full-time *Researcher/Scientist III* positions to assist with geologic mapping and other duties. [Full Description and Apply Now link](#).

### **Colorado Geological Survey - Engineering Geology Job**

Job Description - <https://jobs.mines.edu/cw/en-us/job/494497/engineering-geologist-land-use-review>

If you have a relevant opportunity that may interest AGS members, please contact:

**[info@arizonageologicalsoc.org](mailto:info@arizonageologicalsoc.org)**



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## AGS MEMBERSHIP APPLICATION OR RENEWAL FORM

YOU CAN RENEW OR SIGN UP as a new member and pay online. Please go to our website, [arizonageologicalsoc.org](http://arizonageologicalsoc.org). Or use the form below if you are more comfortable with the old school approach.

Please mail check with membership form to: Arizona Geological Society, PO Box 40952, Tucson, AZ 85717

Dues (check box)  1 year: \$35;  full-time student (membership is free)

NEW MEMBER or RENEWAL? (circle one) Date of submittal \_\_\_\_\_

Name: \_\_\_\_\_ Position: \_\_\_\_\_

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***All newsletters will be sent by email. If you do not have an email address, we will mail a hard copy to you, but we cannot guarantee timeliness.***

If registered geologist/engineer, indicate registration number and State: \_\_\_\_\_

Enclosed is a \_\_\_\_\_ tax-deductible contribution to the  J. Harold Courtright or the  M. Lee Allison Scholarship Funds.