



THE
GEOLOGICAL SOCIETY
OF AMERICA

Quaternary Geologist and Geomorphologist

NEWSLETTER OF THE QUATERNARY GEOLOGY AND GEOMORPHOLOGY DIVISION OF THE GEOLOGICAL SOCIETY OF AMERICA

Boulder, Colorado

July 1973

KIRK BRYAN AWARD

Winner of the 1973 Kirk Bryan Award for the best paper in geomorphology is John T. Andrews of the University of Colorado for his 1970 paper entitled "A geomorphological study of post-glacial uplift with particular reference to Arctic Canada" (Special Publication No. 2, Institute of British Geographers, London). Presentation of the award will be made at the annual luncheon and business meeting of the Division at the Dallas GSA meeting, November 12-14.

MACKIN CONTRIBUTIONS

This past year the GSA Council approved incorporation of the Mackin Award into the Division's Bylaws and solicitation of contributions continues. The list of contributors to date includes:

Peter W. Birkeland	Harold E. Malde
William C. Bradley	David H. McIntyre
William B. Bull	Vincent E. McKelvey
Ian Campbell	John Hall Moss
Dwight R. Crandell	Donal R. Mullineaux
Morgan J. Davis	Charles C. Rich
Ronald K. DeFord	Dwight L. Schmidt
Don J. Easterbrook	Allan F. Schneider
Robert K. Fahnestock	Robert P. Sharp
Oscar Ferrians, Jr.	H.T.U. Smith
Leland H. Gile, Jr.	G. M. Stanley
Richard Goldsmith	A. L. Washburn
Richard Hamburger	M. Gordon Wolman
Arthur D. Howard	
Richard H. Jahns	
Olaf P. Jenkins	
J. A. Macdonell	

Because the award will now have to depend entirely on interest derived from the Mackin Fund instead of being a cooperative venture with the Committee on Research Grants, contributions are needed more than ever. Checks should be made out to Mackin Fund — GSA and mailed to: Mackin Fund, The Geological Society of America, 3300 Penrose Place, Boulder, Colorado 80301.

Two Dallas symposia planned

Two symposia are being planned by the Division for the annual meetings in Dallas, November 12-14. Preliminary plans, subject to approval by the Joint Technical Program Committee, include the following papers:

THE UNSTEADY EARTH

Marie Morisawa and William B. Bull, presiding

"A regional approach to landslide hazard reduction and land-use planning in northwest Wyoming" — Robert G. Bailey, U.S. Forest Service, Division of Soil and Water Management, Ogden, Utah

"Volcanic hazards mapping in Washington" — Dwight R. Crandell, U.S. Geological Survey, Denver, Colorado

"Holocene faulting and subsidence in the Texas Coastal zone" — Charles G. Groat, Texas Bureau of Economic Geology, Austin, Texas

"Active faulting, tectonic subsidence and seismic response: Products of Quaternary studies in the San Francisco Bay region" — Edward J. Helley, U.S. Geological Survey, Menlo Park, California

"Sensitive response of basin deposits to regional stress changes" — Ben E. Lofgren, U.S. Geological Survey, Sacramento, California

"Environmental effects of landsliding in the San Francisco Bay region, California" — Tor H. Nilsen and Earl E. Brabb, U.S. Geological Survey, Menlo Park, California

"Geologic hazards in limestone terrains" — Richard R. Parizek, State College, Pennsylvania

"Inference of bedrock character from details of surface morphology in Franciscan terrain" — Carl M. Wentworth, U.S. Geological Survey, Menlo Park, California

GEOLOGIC HAZARDS: EFFECTS OF STORMS ON COASTLINES

(Titles not final. Al Scott, organizer.)

"Effects of storms on coasts of the northeast U.S. and Alaska" — Miles O. Hayes, University of South Carolina

"Effects of storms on shorelines of the Great Lakes" — Richard A. Davis, Jr., Western Michigan University

"Effects of hurricanes on the Texas Gulf Coast" — Joseph H. McGovern, Texas Bureau of Economic Geology

MEETINGS AND FIELD CONFERENCES

July 15-20 — Energy research, New England College, Henniker, New Hampshire (Engineering Foundation, 345 East 47th Street, New York, New York 10017)

July 16-18 — Energy, growth, and pollution workshop, Athens, Ohio (Moid U. Ahmad, Porter Hall, Ohio University, Athens, Ohio 45701)

July 16-28 — Permafrost meeting, Yakutsk, Siberia (International Conference on Permafrost, National Academy of Science, 2101 Constitution Avenue N.W., Washington, D.C. 20418)

July 23-27 — Hydrology of lakes meeting, Otaniemi International Congress Center near Helsinki, Finland (A. P. Pinsak, Lake Survey Center, 630 Federal Building, Detroit, Michigan 48226)

August 27-31 — Soil micromorphology, Kingston, Ontario (G. K. Rutherford, Department of Geography, Queen's University at Kingston, Ontario)

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MEETINGS AND FIELD CONFERENCES *(continued)*

September 8-9 — **Pacific Coast Friends of the Pleistocene** (Jack Hyde, Tacoma Community College, Tacoma, Washington 98465)

September 15-16 — **Rocky Mountain Friends of the Pleistocene**, Mt. Sopris, Lake Creek, and Twin Creek (P. W. Birkeland, Department of Geological Sciences, University of Colorado, Boulder, Colorado 80302)

September 24-28 — **World Congress on Water Resources**, Chicago (Gabor M. Karadi, International Water Resources Association, Science Complex Building, University of Wisconsin, Milwaukee, Wisconsin 53201)

September 28-29 — **Fluvial Geomorphology** symposium, Binghamton, New York (M. Morisawa, Department of Geology, State University of New York, Binghamton, New York 13901)

October 3-5 — **Midwest Groundwater Conference**, Urbana (R. J. Schicht, Illinois Water Survey, Box 232, Urbana, Illinois 61801)

SOIL SCIENCE SOCIETY TOUR

A one-day soil-geomorphology tour is being held in connection with the Soil Science Society of America—American Society of Agronomy annual meeting in Las Vegas, Nevada, November 12-16, 1973. The tour will be on Friday, November 16, with an orientation session on Thursday evening. The scheduling allows for participation by persons returning to the western states from the GSA meetings in Dallas on November 12-14.

The field trip will emphasize landscape evolution and caliche genesis in the Lake Mead—Mormon Mesa area near Overton and Glendale, Nevada. It will be led by L. R. Gardner, who has recently completed a research project on the Quaternary geology and geomorphology of the area. A short guidebook will be prepared for the tour, based in part on papers by Bob Gardner published in volume 83 of the *GSA Bulletin* (nos. 1 and 11).

Those wishing to receive further information on this tour should contact Lee Gile or John Hawley, co-chairmen, SCS, USDA, Department of Agronomy, Texas Tech University, Lubbock, Texas 79409.

PUBLICATIONS

Three special issues of the *Journal of Arctic and Alpine Research* are planned for 1973. The general topics of these issues (volume 5) are as follows:

(1) A memorial issue to R. E. Beschel that will include several papers on recent lichenometrical studies and a reprinting of one of Beschel's early papers translated from the original German.

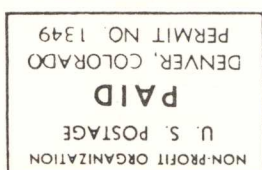
(2) Four papers that were presented at a special session of the IGS/INQUA meeting in Montreal in 1973 on the general topic of "Wisconsin Deglaciation of Canada." The four summary papers include discussion of climatological, vegetational, and geologic evidence, plus results from a numerical modeling of the circulation during the late Wisconsin maximum.

(3) Papers presented last year at the High Altitude Geoecology Commission meeting in Banff.

These issues can be purchased individually for \$4 (\$2.50 for students) but it should be noted that the annual subscription is \$10 (\$8 for students).

Don J. Easterbrook, Secretary

THIRD CLASS



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