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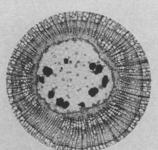
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Darkfield unstained paramecium



Conventional Brightfield



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science news

OF THE WEEK

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SCIENCE IN THE SECOND S

Conical hills of cinder and spatter produced by Hawaii's Kilauea volcano yield a rich opportunity to study life's interaction with its environment. See p. 411 (Photo: Smathers, NPS)

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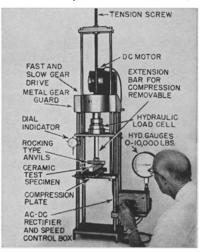
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has just published its 200 page Annual Report. This report contains a comprehensive account of the activities of the Center as well as descriptions of each of the 146 short-lived events that the Center participated in during 1969. The events are listed by discipline and include photographic documentation, information source contacts, field expedition information, archive locations, in some cases preliminary results of field research, and bibliographies on published scientific papers and reports phies on published scientific papers and reports.

THE SHORT-LIVED EVENTS OF 1969

THE SHORT-LIVED EVENTS OF 1969

Documentation includes information on 64 earth science events: 18 volcanic eruptions in Alaska, Antarctica, Costa Rica, Hawaii, Indonesia, Japan, the Marianna Islands, New Zealand, Nicaragua, Peru, the Philippines, and the Soviet Union; 23 earthquakes in Alaska, the Aleutian Islands, California, the Caribbean, Ethiopia, Indonesia, the Mediterranean Sea, Peru, the Philippines, Portugal, the Red Sea, the Solomon Islands, South Africa, Turkey, the USSR, and Yugoslavia: and other earth science events such as landslides, landrises, storm surges, and tsunamis; 51 ecological events including 11 animal irruptions, migrations, colonizations, 17 major oil spills and pollution events: 21 astrophysical events including 16 major fireball events in Brazil, Greece, Japan, Malawi, New Zealand, Tunisia and the United States, and 5 meteorite falls in Australia, Canada, Czechoslovakia, Ireland and Mexico, and their recovery; 7 urgent anthropological/urgent archaeological events including two new tribe discoveries (in Surinam and Colombia) and a number of other events of interest including a floating island in the Caribbean, a submarine volcanic eruption in the Solomon Islands, the Indo-Pacific Starfish Plague and reports of transient lunar events observed during the Apollo manned lunar missions.

The report is now available at a cost of \$5.00 per copy including postage. If you desire to receive the Smithsonian Institution Center For Short-Lived Phenomena 1969 Annual Report, please send a check, money order, or purchase order to: Smithsonian Institution, Center For Short-Lived Phenomena, 60 Garden Street, Cambridge, Mass. 02138. Please make checks payable to the "Smithsonian Institution."

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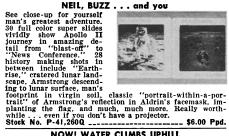
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