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Galileo: R. F. McGregor, V. Marasigan, C. Eisenhart, M. Holt; Grants and University Authority: L. Levin

EDITORIAL
The Globe Trotters

ARTICLES
Continental Drift and the Origin of Mountains: E. Orowan

Hot creep and creep fracture are crucial factors in the formation of continents and mountains.

Esterase Inhibitors as Pesticides: J. E. Casida

Because of favorable biological properties they are displacing other types of established compounds.

Society and Science: V. R. Potter

Can science aid in the search for sophistication in dealing with order and disorder in human affairs?

Macromolecules: H. Mark

Increased understanding of natural polymers has made possible the synthesis of many useful new ones.

NEWS AND COMMENT
Lysenko: Controversy Flares Again—Space: On to Mars

BOOK REVIEWS
Advances in Lipid Research, reviewed by D. Steinberg; other reviews by N. K. Wessells, G. Felsenfeld, I. King, S. S. Goldich, E. J. Rosenbaum, J. E. McDonald, W. Deshler

REPORTS
Noble Gases in Sea Water: R. Bieri, M. Koide, E. D. Goldberg


Electroconductive Polymers: J. H. Lubinski and K. D. Kopple


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COVER

Web of the spider Arigiope florida Chamberlin & Ivie, photographed near Lake Placid, Florida, at dawn when the web was laden with dew. The threads of a web are covered with tiny droplets of a viscid material to which insects adhere when they fly into the web. Moths, by virtue of the loose scales on their wings and bodies, tend not to adhere, but may simply lose some of their scales to the viscid threads, and fly on. Other insects, covered with detachable hairs or powder, may similarly elude capture by the spider. See page 1058.
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