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EDITORIAL

Drilling in the Ocean Floor

ARTICLES

Ancient Mesoamerican Civilization: R. S. MacNeish

A long archeological sequence from Tehuacán, Mexico, may give new data about the rise of this civilization.

Domestication of Corn: P. C. Mangelsdorf, R. S. MacNeish, W. C. Galinat

Archeological excavations have uncovered prehistoric wild corn and show how it evolved under domestication.

Crystalline Deamino-Oxytocin: D. Jarvis and V. du Vigneaud

The biological activities of this potent analog of oxytocin appear to be related to size of ring.

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Congress: Obstacles to Reform—Cancer Research: Human Experimentation

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Education for Contemporary Society: R. J. Havighurst


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Global Distribution of the Net Energy Balance of the Atmosphere from Tiros Radiation Data: S. I. Rasool

Latitudinal Distribution of Cloud Cover from Tiros III Photographs: A. Arking

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COVER

Mitotic apparatus isolated from the sea urchin, Lytechinus variegatus, in hexaneodiol. In this phase-contrast view of the metaphase mitotic appara-

ratus, the chromosomes are visible midway between the two poles. Spindle fibers are visible in the mid-polar region but other achromatic fibrous components are not in focus (about \times 2240). See page 580.