

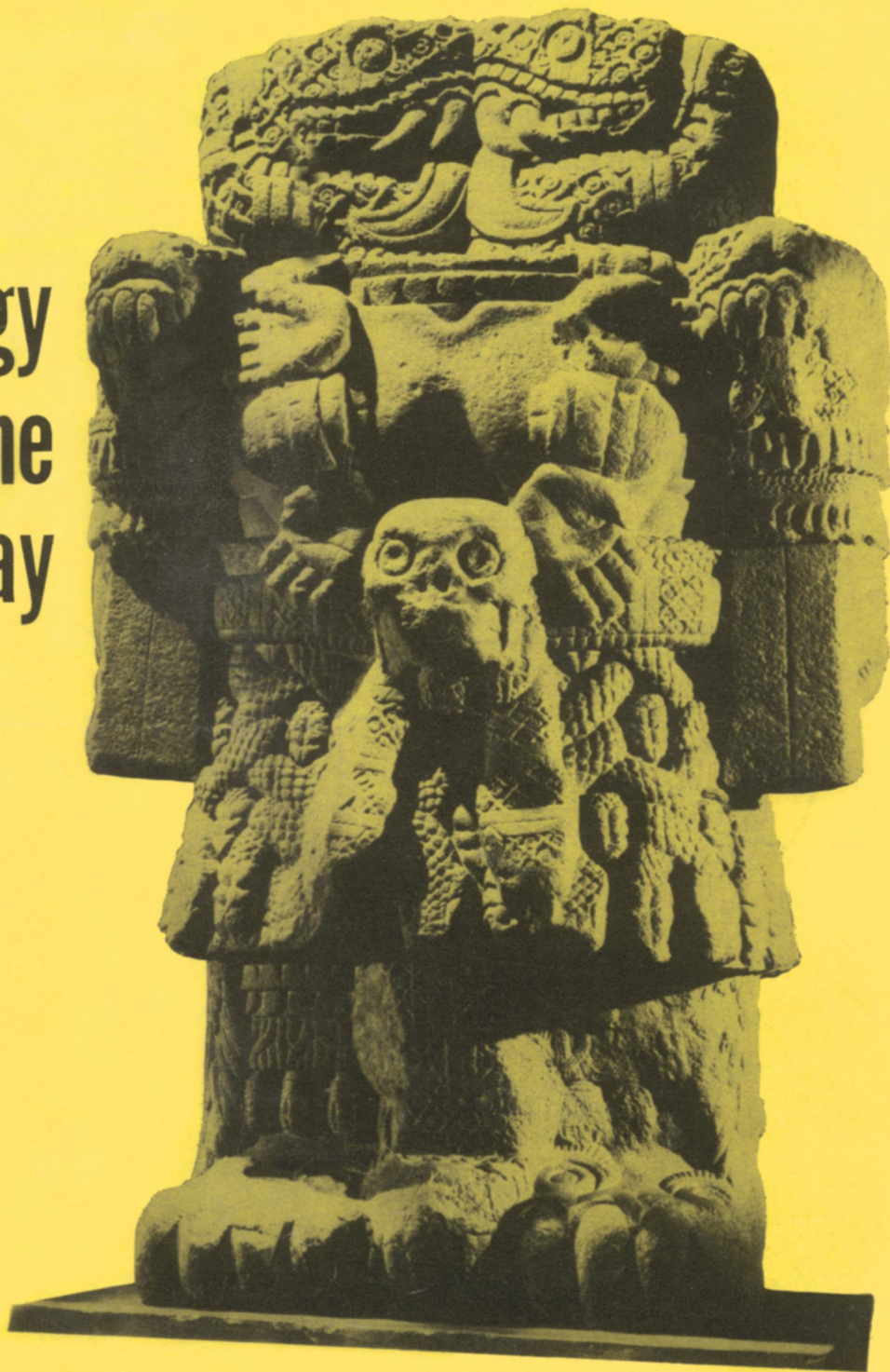
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MARCH 9 1968/VOLUME 93/No. 10 P. 225-248

SCIENCE NEWS

Archaeology in the Subway

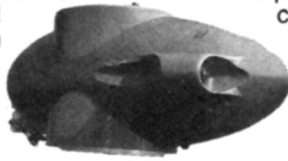


robots: sim, sam, and the beast
mountains, tombs and cosmic rays



Man ascending.

A mile and a quarter beneath the sea a small orange submarine moves slowly toward a curious object on the ocean floor. Then a steely claw reaches out and — Lights! Camera! Action! And the Deep Ocean Work Boat — DOWB — makes another entry in its scientific logbook. The 17-foot self-propelled DOWB's home port is General Motors AC Electronics-Defense Research Laboratories in southern California. Its two-man crew can stay under for nearly three days if neces-

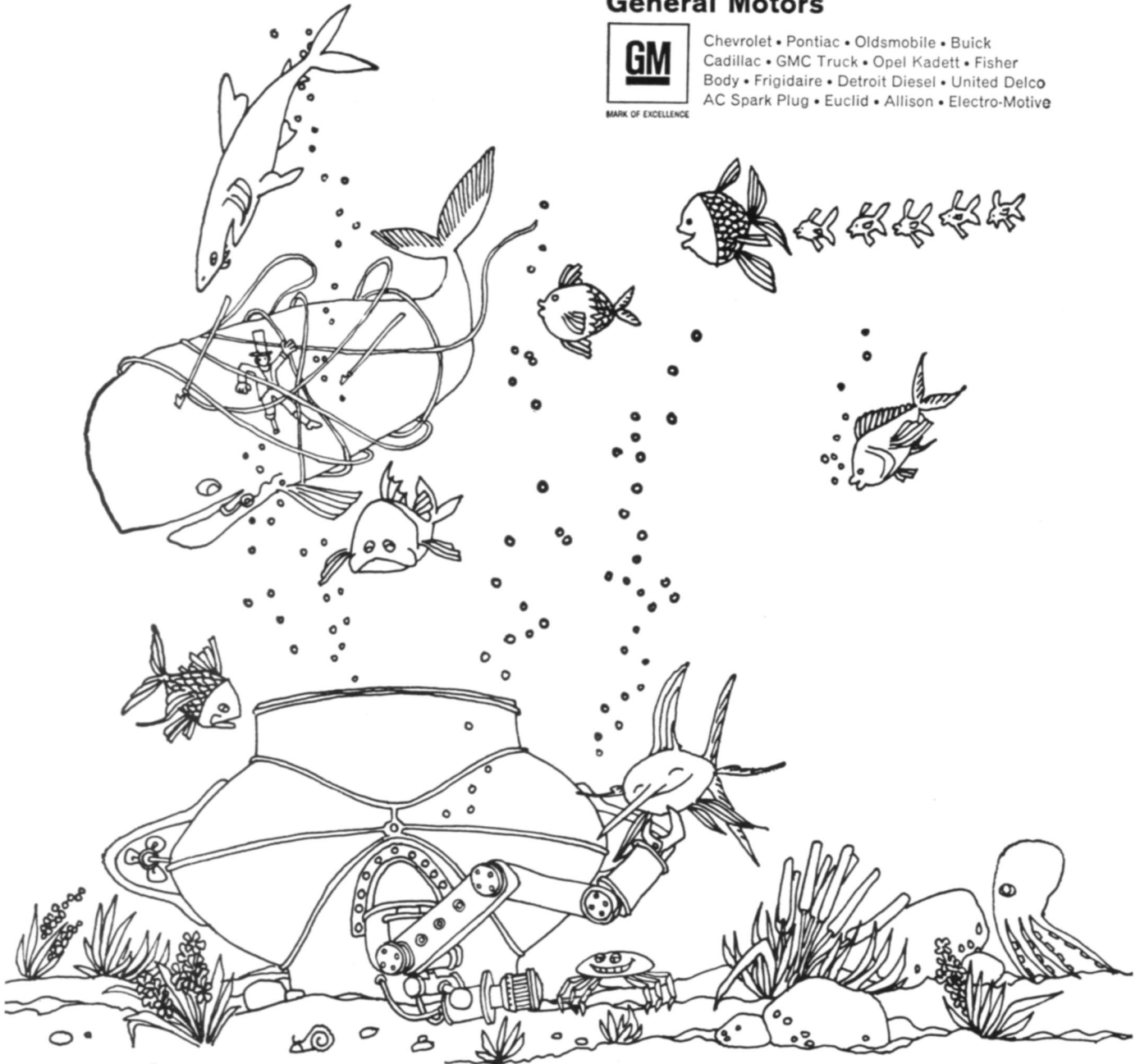


sary and range up to 30 miles. With their front-mounted claw they can pick up or position a 50-pound object over four feet away. A combination of TV and direct optical systems lets the DOWB's men see in all directions. And sonar and fathometer equipment on board complete the gear necessary for underwater surveillance, research and recovery. The DOWB may not look like Jules Verne's Nautilus. But every trip marks another step in man's ascendancy over the world around him.

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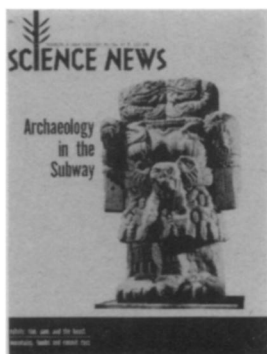
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COVER

Coatlucue, Aztec goddess of life and death, now rules in Mexico's National Museum of Anthropology. A similar statue has been unearthed by diggers of the Mexico City subway, a project that has turned into an archaeological treasure strike. P. 234. (Photo: Mexican Tourist Bureau.)



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