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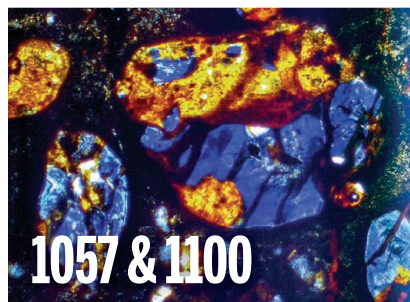
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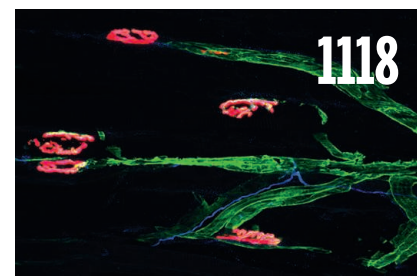
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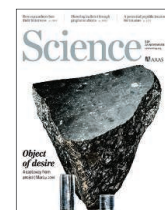
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ON THE COVER



A 239-gram piece of NWA 7034, or “Black Beauty,” a 4.4-billion-year-old meteorite from Mars. The rock, valued at more than \$10,000 per gram, is both the oldest martian meteorite and the first one made

of pieces that were once eroded by wind or water. One of more than a dozen pieces that fell into the Sahara desert, this sample was the first to be recognized as martian. See page 1044. Photo: © Joe McNally

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