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ON THE WEB THIS WEEK
>> Science Podcast
Listen to stories on fear-enhanced odor detection, the latest news from the Curiosity mission, and more.
>> Science Digital First
Explore the history of disease in a thousand-year graveyard, in a special multimedia news feature with video, slideshows, and graphics, at www.sciencemag.org.

COVER
Remains of an older woman buried in the mid-1800s at Badia Pozzeveri graveyard in Altopascio, Italy. She is one of several skeletons entombed in lime, probably to quell infection during an epidemic. Archaeologists are currently studying skeletons buried over the course of 1000 years at this site for clues to ancient health and disease. For further information, see pages 1291 and 1306 and a special multimedia package at http://scim.ag/1000yrgrave.

Photo: Francesco Coschino

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An atom in a cavity can be used for the nondestructive detection of optical photons.
>> Perspective p. 1330; Video

1346 Phosphorus in the Young Supernova Remnant Cassiopeia A
B.-C. Koo et al.
Spectroscopic observations of the remains of stellar explosions confirm that argon-36 and phosphorus are produced in such energetic events.

1349 Nondestructive Detection of an Optical Photon
A. Reiserer et al.
A molecule in a cavity can be used for the nondestructive detection of optical photons.

1351 Effect of Collective Molecular Reorientations on Brownian Motion of Colloids in Nematic Liquid Crystal
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1360 The Missing Mountain Water: Slower Westerlies Decrease Orographic Enhancement in the Pacific Northwest USA
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Weakening westerly winds since 1950 have decreased streamflows across the Pacific Northwest United States.
Science 342 (6164), 1289-1393.