A hexabenzocoronene molecule (diameter: 1.4 nanometers) imaged by noncontact atomic force microscopy using a microscope tip terminated with a single carbon monoxide molecule. The carbon-carbon bonds in the imaged molecule appear with different contrast and apparent lengths. Based on these disparities, the bond orders and lengths of the individual bonds can be distinguished. See page 1326.

Image: Leo Gross, IBM Research - Zurich
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A. Schmittner et al.

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http://scim.ag/Genome-Elements

**Hunting Kills Boldest Elk, Spares Shiest**

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**12 September issue:** http://scim.ag/stm09112

**RESEARCH ARTICLE: Sinus Microbiome Diversity Depletion and Corynebacterium tuberculostearicin Enrichment Mediates Rhinosinusitis**
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**RESEARCH ARTICLE: Emtricitabine-Tenofovir Concentrations and Pre-Exposure Prophylaxis Efficacy in Men Who Have Sex with Men**
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**RESEARCH ARTICLE: Anthrax Vaccine–Induced Antibodies Provide Cross-Species Prediction of Survival to Aerosol Challenge**
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**COMMENTARY: Stem Cells, Dot-Com**
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Unregulated and medically unsupported stem cell–based treatments are being advertised online directly to consumers, requiring policy reform to protect patient safety

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