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Skull and shoulders of “Selam”—a 3.3-million-year-old female child Australopithecus afarensis from Dikika, Ethiopia. The upside-down view reveals her palate, vertebral column, and both shoulder blades (in this orientation, the scapula on the right measures 60 millimeters across). The scapulae were recently freed from their sandstone matrix and are described in the Report on page 514. The scapulae display several apelike characteristics, implying that A. afarensis was still a capable climber.

Image: Zeresenay Alemseged/Dikika Research Project
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504 Chiral Cyclopentadienyl Ligands as Stereocontrolling Element in Asymmetric C–H Functionalization
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510 Feathered Non-Avian Dinosaurs from North America Provide Insight into Wing Origins
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514 Australopithecus afarensis Scapular Ontogeny, Function, and the Role of Climbing in Human Evolution
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http://scim.ag/Evidence_Orchids

earliest evidence of orchids in Western art.

Caesar, the Orchid Chief

human ancestors expand their minds.

A new study supports the idea that cooking helped

www.sciencenow.org

Response: D. J. Johnson

http://dx.doi.org/10.1126/science.1225520

Comment: I. A. Dickie

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Binary Millisecond Pulsar Discovery via

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Drives Bacterial Plasmid Segregation

P. Gayathri et al.

Deconjugation

A. Choy et al.

10.1126/science.1227026

A Bipolar Spindle of Antiparallel ParM Filaments

A. Choy et al.

10.1126/science.1229091

Deconjugation

A. Choy et al.

10.1126/science.1229019

Binary Millisecond Pulsar Discovery via

Gyromagnetic Filaments

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Deconjugation

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10.1126/science.1229019

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Editor's Summary

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