ON THE COVER

Accurate three-dimensional imaging of plant structures and gene activity is important for a comprehensive understanding of plant growth and development. Lee et al. (pages 2145–2156) explore the use of optical projection tomography for three-dimensional imaging of plant structures in Arabidopsis and Antirrhinum. The cover image shows a leaf of Arabidopsis transformed with a GUS construct driven by the ATHB8 vein marker gene promoter, enhanced in different ways using visualization techniques described in the article. Top row: QVolView lighting and tone-shader effects; middle row: combined transmission (visible; red) and fluorescent (GFP1; green) channels; bottom row: stained veins extracted using semi-automatic segmentation tools. See also the In Brief feature on this article on page 2100.

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CORRECTION  

Online version contains Web-only data.

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