

# T H E P L A N T C E L L

Volume 30 Number 3 March 2018

The electronic form of this issue, available at [www.plantcell.org](http://www.plantcell.org), is the journal of record.

## ON THE COVER



Inflorescence architecture is an important determinant of yield in major cereal crops, and it is a trait that displays remarkable diversity among grasses. Bread wheat is an important cereal that provides 20% of the world's calories and protein intake, and while much is known about the genetic and molecular regulation of inflorescence development in maize, rice, and barley, very little is known in wheat. Dixon et al. (563–581) investigate the bread wheat *hb* line that displays an altered form of inflorescence architecture, known as “paired spikelets” and demonstrate that an ortholog of the maize domestication gene known as *TEOSINTE BRANCHED1* regulates wheat inflorescence development and plant architecture in a dosage-dependent manner. The cover image shows an inflorescence of the bread wheat *hb* line, grown under field conditions, which displays elaborate inflorescence branching through the formation of additional spikelets.

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**Online at [www.plantcell.org](http://www.plantcell.org)**

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## CORRECTION

Yang, G., Liu, Z., Gao, L., Yu, K., Feng, M., Yao, Y., Peng, H., Hu, Z., Sun, Q., Ni, Z., and Xin, M. (2018). Genomic imprinting was evolutionarily conserved during wheat polyploidization. *Plant Cell* 30: 37–47. [OPEN](#)

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**The Plant Cell** (eISSN 1532-298X) is published monthly (one volume per year) by the American Society of Plant Biologists, 15501 Monona Drive, Rockville, MD 20855-2768, and is produced by The Sheridan Group, Waterbury, VT. For matters regarding library subscriptions, contact Suzanne Cholwek, ASPB, 15501 Monona Drive, Rockville, MD 20855-2768; telephone 301/296-0926; fax 301/251-6740; e-mail [scholwek@aspb.org](mailto:scholwek@aspb.org). Send all inquiries regarding advertising to Alison Bashian, Advertising & Sponsorship Sales; telephone 703/964-1240 x280; fax 703/964-1246; e-mail [abashian@conferencemanagers.com](mailto:abashian@conferencemanagers.com). The online version of *The Plant Cell* is available at [www.plantcell.org](http://www.plantcell.org).

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This information is current as of August 19, 2018

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