

The electronic form of this issue, available as of December 11, 2012, at [www.plantphysiol.org](http://www.plantphysiol.org), is considered the journal of record.

**On the Cover:** The Soybean Free Air Concentration Enrichment (SoyFACE) experimental field site in Savoy, Illinois, where Betzelberger et al. (pp. 1827–1839) investigated the response of soybean (*Glycine max*) to elevated ozone (O<sub>3</sub>) concentrations. (Clockwise, from the top) A mature soybean canopy in late August (photo by Carrie Ramig), entry path leading to an O<sub>3</sub> fumigation plot in early July (photo by Carrie Ramig), an aerial view after the onset of senescence in mid-September (photo by Andrew Leakey), foliar symptoms resulting from exposure to elevated O<sub>3</sub> (photo by Craig Yendrek), and field researchers sampling leaf tissue in an O<sub>3</sub> plot (photo by Craig Yendrek).

## FOCUS ISSUE ON THE PLANT PHYSIOLOGY OF GLOBAL CHANGE

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- [C][W] The *AINTEGUMENTA LIKE1* Homeotic Transcription Factor *PtAIL1* Controls the Formation of Adventitious Root Primordia in Poplar. *Adeline Rigal, Yordan S. Yordanov, Irene Perrone, Anna Karlberg, Emilie Tisserant, Catherine Bellini, Victor B. Busov, Francis Martin, Annegret Kohler, Rishi Bhalariao, and Valérie Legué* 1996
- [W] Dynamic Changes in the Distribution of Minerals in Relation to Phytic Acid Accumulation during Rice Seed Development. *Toru Iwai, Michiko Takahashi, Koshiro Oda, Yasuko Terada, and Kaoru T. Yoshida* 2007
- [W] Arabidopsis *COP1* and *SPA* Genes Are Essential for Plant Elongation But Not for Acceleration of Flowering Time in Response to a Low Red Light to Far-Red Light Ratio. *Sebastian Rolauffs, Petra Fackendahl, Jan Sahm, Gabriele Fiene, and Ute Hoecker* 2015
- [C][W][OA] An Endogenous Carbon-Sensing Pathway Triggers Increased Auxin Flux and Hypocotyl Elongation. *Jodi L. Stewart Lilley, Christopher W. Gee, Ilkka Sairanen, Karin Ljung, and Jennifer L. Nemhauser* 2261
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<sup>[C]</sup> Some figures in this article are displayed in color online but in black and white in the print edition.

<sup>[W]</sup> Indicates Web-only data.

<sup>[OA]</sup> Open Access articles can be viewed online without a subscription.