

# CORRECTIONS

## Vol. 124: 935–939, 2000

Schopfer, C.R., and Nasrallah, J.B. Self-Incompatibility. Prospects for a Novel Putative Peptide-Signaling Molecule.

Figure 2 was erroneously printed in black and white. Figure 2 has been reprinted in color on p 2204.

## Vol. 124: 1007–1017, 2000

Stotz, H.U., Pittendrigh, B.R., Kroymann, J., Weniger, K., Fritsche, J., Bauke, A., and Mitchell-Olds, T. Induced Plant Defense Responses against Chewing Insects. Ethylene Signaling Reduces Resistance of Arabidopsis against Egyptian Cotton Worm But Not Diamondback Moth.

The GenBank accession number of the  $\beta$ -glucosidase gene was not included when this article was first published. The GenBank accession number is AJ251301.

## Vol. 124: 1511–1514, 2000

Dennison, K.L., and Spalding, E.P. Glutamate-Gated Calcium Fluxes in Arabidopsis.

Figure 1 was erroneously printed in black and white in the original publication and again in Vol. 125 on p 1151. Figure 1 has been reprinted in color on p 2205.

## Vol. 124: 1532–1539, 2000

Gibson, S.I. Plant Sugar-Response Pathways. Part of a Complex Regulatory Web.

In Table I, the line “*sis5* Is allelic to *aba4*” should have appeared as “*sis5* Is allelic to *abi4*.” Table I has been reprinted on p 2206.

## Vol. 125: 15–19, 2001

Meyerowitz, E.M. Prehistory and History of Arabidopsis Research.

Professor Georges Bernier of the Universite de Liege (Belgium) kindly sent the following corrections for the photographs that appeared as Figures 1 and 2. In Figure 1, the last person on the right of the first row is Silvano Bonotto, not J. Bouharmont; in the third row, between A.R. Kranz and M. Jacobs, the unidentified person is J. Bouharmont. In Figure 2, in the back row, the person identified as Matigne is in fact R. Matagne. We welcome any additional information on the names of those who appear in the photographs.

## Vol. 125: 329–338, 2001

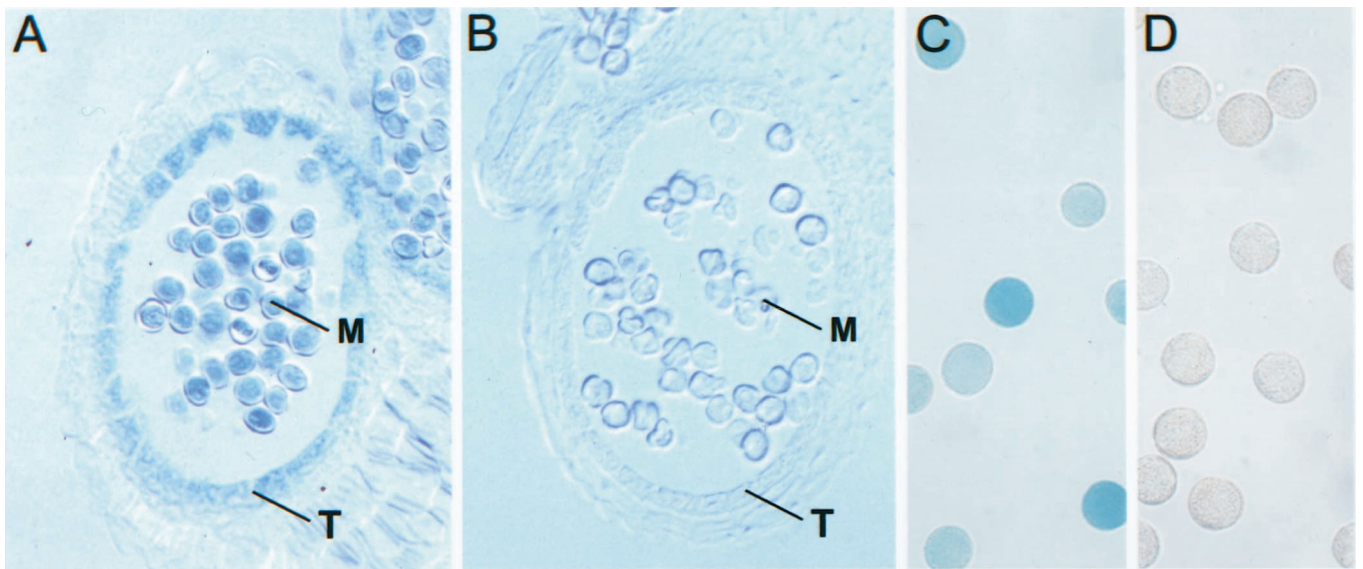
Taylor, A.R., and Assmann, S.M. Apparent Absence of a Redox Requirement for Blue Light Activation of Pump Current in Broad Bean Guard Cells.

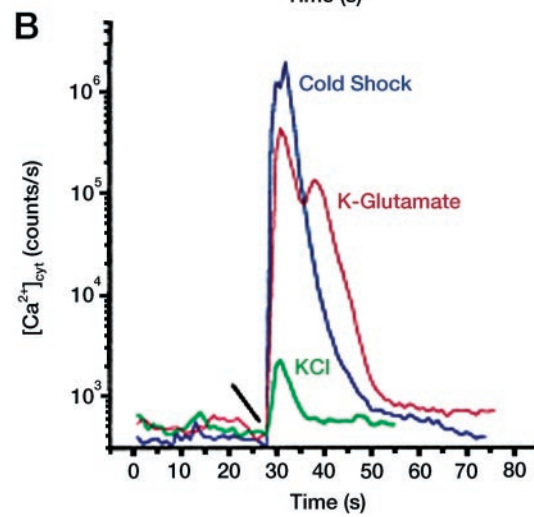
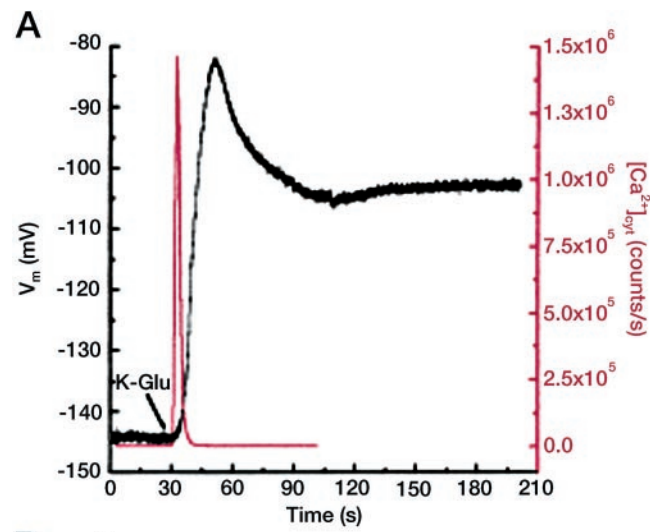
Figures 2, 3, and 4 were not printed in the correct order. The correctly numbered figures with legends are reprinted on pp 2207–2209.

# Acknowledgment

## Vol. 125: No. 1, ii, 2001

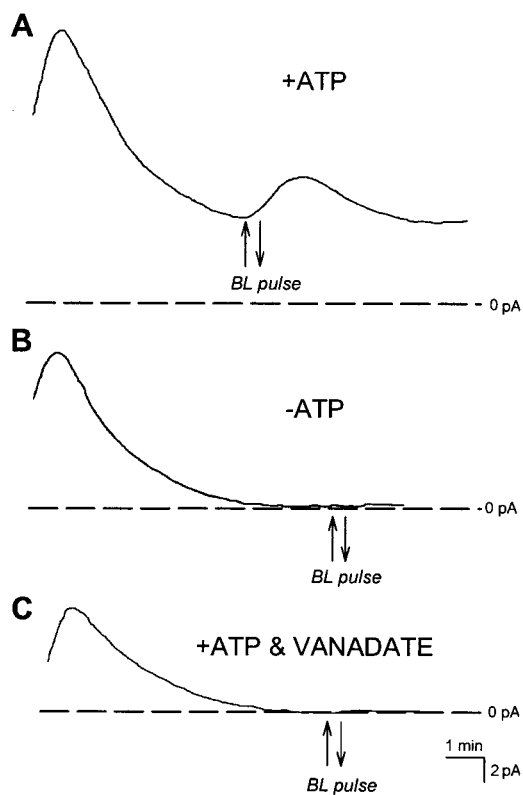
We would like to acknowledge Jan Zeevaert, who supplied the photograph of the morning glory flower that appears on the cover of the January 2001 75th Anniversary Special Issue.



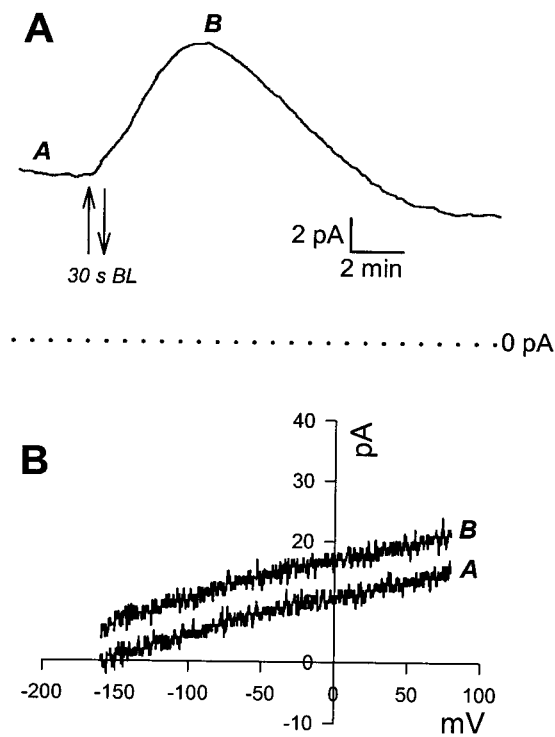


**Table 1.** *Sugar-response mutants and corresponding loci*

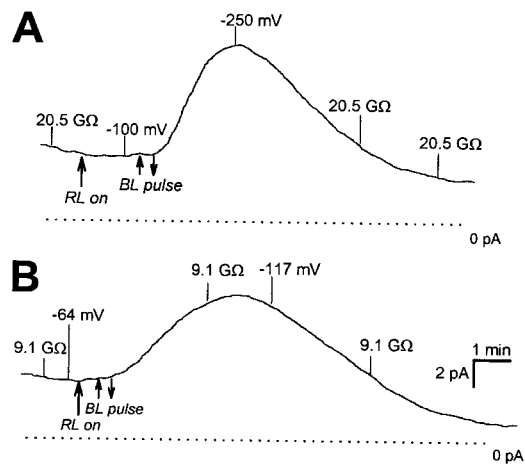
Mutants	Originals Selection	Loci	References
<i>rsr</i>	Reduced sensitivity to Suc induction of patatin expression		Martin et al., 1997
<i>lba</i>	Reduced sensitivity to Suc induction of $\beta$ -amylase expression		Mita et al., 1997b
<i>hba</i>	Increased sensitivity to Suc induction of $\beta$ -amylase expression		Mita et al., 1997a
<i>sun</i>	Reduced sensitivity to Suc repression of plastocyanin expression	<i>sun6</i> is allelic to <i>abi4</i>	Dijkwel et al., 1997; Huijser et al., 2000
<i>sis</i>	Reduced sensitivity to Glc or Suc-mediated inhibition of early seedling development	<i>sis1</i> is allelic to <i>ctr1</i> <i>sis4</i> is allelic to <i>aba2</i> <i>sis5</i> is allelic to <i>abi4</i>	Laby et al., 2000; S. Gibson, R. Laby, and D. Kim, unpublished data
<i>gin</i>	Reduced sensitivity to Glc-mediated inhibition of early seedling development	<i>gin1</i> is allelic to <i>aba2</i> <i>gin6</i> is allelic to <i>abi4</i>	Zhou et al., 1998; Arenas-Huertero et al., 2000; J. Sheen, personal communication
<i>prl</i>	Increased sensitivity to sugar-mediated inhibition of early seedling development	<i>PRL1</i> Encodes a WD-40 protein	Németh et al., 1998; Bhalerao et al., 1999



**Figure 2.** Steady-state- and BL-stimulated pump currents require ATP and are inhibited by vanadate. A, A typical recording with 5 mM ATP in the pipette under saturating RL. The cell responded to a 30-s pulse of BL with a typical transient increase in pump current. B, When ATP is absent from the pipette, cell currents quickly decay to 0 pA under saturating RL and are unresponsive to a pulse of BL. C, Inclusion of ATP and 20  $\mu$ M vanadate in the pipette causes inhibition of pump current. All cells where pump current was inhibited by vanadate were unresponsive to BL pulses.



**Figure 3.** H<sup>+</sup>-ATPase activation by a pulse of BL. Saturating RL background illumination was switched on before the beginning of the trace. A, Once stable baseline current is achieved a pulse of BL causes a transient increase in pump current. B, I/V ramps conducted before (A) and at the peak (B) of the response in A show the parallel shunt in pump current.



**Figure 4.** The effect of plasma membrane H<sup>+</sup>-ATPase currents on membrane potential. The two traces show the pump current measured with ATP in the pipette. Membrane potential and input resistance are indicated on the traces at steady state and during BL-activated stimulation of pump current. Note the insensitivity to saturating RL illumination.