CORRECTIONS

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1. In line 20 of the right column of page 1102, the estimated number of total proteins in chloroplasts without most outer envelope membrane proteins that do not carry predictable transit peptides in Arabidopsis thaliana is 2200 (2100 + 87), instead of 3000. This number, of course, does not account for those in the chloroplast interior which are synthesized without canonical transit peptides.

2. In Table 1 (page 1103), four homologous GTPases, Toc159, Toc132, Toc120, and Toc90, are mistakenly predicted to be anchored to the membrane via C-terminal α-helical regions. Although the C-terminal portions appear to anchor these proteins to the lipid bilayers, there is no clear predictable hydrophobic domain in these sequences (Bédard and Jarvis 2005). Thus, their structures should be denoted as “X”.

3. atToc64-I is included in Table 1, but the reference #9 (Qbadou et al. 2006) does not discuss its localization in the outer envelope membrane at all. Chew et al. (2004 FEBS Lett 557:109-114) showed that a fusion protein with GFP in its C-terminus was found in nucleus, but not in plastids. Thus, the reference #9 should be deleted from the atToc64-I line, and it should be noted that its outer envelope localization has not been confirmed yet.