

Accepted Manuscript

Title: Elemental distribution in developing rice grains and the effect of flag-leaf arsenate exposure

Authors: Tracy Punshon, Anne-Marie Carey, Felipe Klein Ricachenevsky, Andrew A. Meharg



PII: S0098-8472(18)30250-8
DOI: <https://doi.org/10.1016/j.envexpbot.2018.02.007>
Reference: EEB 3388

To appear in: *Environmental and Experimental Botany*

Received date: 14-11-2017
Revised date: 12-2-2018
Accepted date: 13-2-2018

Please cite this article as: Punshon, Tracy, Carey, Anne-Marie, Ricachenevsky, Felipe Klein, Meharg, Andrew A., Elemental distribution in developing rice grains and the effect of flag-leaf arsenate exposure. *Environmental and Experimental Botany* <https://doi.org/10.1016/j.envexpbot.2018.02.007>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Elemental distribution in developing rice grains and the effect of
flag-leaf arsenate exposure.**

Tracy Punshon^{1*†}, Anne-Marie Carey^{2†}, Felipe Klein Ricachenevsky^{3,4} and Andrew A. Meharg⁵

¹Dartmouth College, Department of Biological Sciences, Life Sciences Center, 78 College Street, Hanover, NH 03755, USA

²Center for Innovation in Medicine, Biodesign Institute, Arizona State University, Tempe, AZ 85287, USA; anne-marie.carey@asu.edu

³Programa de Pós-Graduação em Agrobiologia, Departamento de Biologia, Universidade Federal de Santa Maria, Av. Roraima 1000, 97105-900, Santa Maria, RS, Brazil;

⁴Programa de Pós-Graduação em Biologia Celular e Molecular, Universidade Federal do Rio Grande do Sul, Av. Bento Gonçalves, 9500, Centro de Biotecnologia, Porto Alegre, RS, Brazil; felipecruzalta@gmail.com

⁵Institute for Global Food Security, Queen's University Belfast, David Keir Building, Strandmillis Road, Belfast BT9 5BN, UK; aa.meharg@qub.ac.uk

Download English Version:

<https://daneshyari.com/en/article/8887046>

Download Persian Version:

<https://daneshyari.com/article/8887046>

[Daneshyari.com](https://daneshyari.com)