June 1995

## Seed Science Research

Review Article	
Hilhorst, H.W.M. A critical update on seed dormancy I. Primary dormancy	61
Research Papers	
Bernal-Lugo, I. & Leopold, A.C. Seed stability during storage: Raffinose content and seed glassy state	75
Engelmann, F., Chabrillange, N., Dussert, S. & Duval, Y. Cryopreservation of zygotic embryos and kernels of oil palm (Elaeis guineensis Jacq.)	81
Gerth, U. & Bernhardt, D. A comparison of the synthesis of DNA, RNA and proteins in the embryos of after-ripened and thermo- or FR-dormant <i>Agrostemma githago</i> L. seeds	87
Logan, D.C. & Stewart, G.R. Thidiazuron stimulates germination and ethylene production in <i>Striga hermonthica</i> — comparison with the effects of GR-24, ethylene and 1-aminocyclopropane-1-carboxylic acid	99
Shatters, R.G., Jr., Schweder, M.E., West, S.H., Abdelghany, A. & Smith, R.L. Environmentally induced polymorphisms detected by RAPD analysis of soybean seed DNA	109
Williams, R.J. & Leopold, A.C. Changes in glass transition temperatures in germinating pea seeds	117
Short Communication	
Lott, J.N.A., West, M.M., Clark, B. & Beecroft, P. Changes in the composition of globoids in castor bean cotyledons and endosperm during early seedling growth with and without complete mineral nutrients	121
Book Review	127

## ERRATUM

Seed Science Research 4, 329–333. The second column of Table 1 on p. 331 should read ABA (ng  $g^{-1}$ ) and not ( $\mu g g^{-1}$ ).

Abstracted in Seed Abstracts (CAB ABSTRACTS), CABS (Current Awareness in Biological Sciences), Current Advances in Plant Science and BIOSIS

© CAB INTERNATIONAL, 1995

All rights reserved. No part of this publication may be reproduced, in any form or by any means, electronically, mechanically, by photocopying, recording or otherwise, without prior permission of the copyright owner.