

# Silvae Genetica

ISSN 0037-5349

## TABLE OF CONTENTS

- Habitat fragmentation decreased the genetic variability of *Trichilia elegans* A. Juss. (Meliaceae) in southern Brazil.  
By L. B. Slaviero, C. Valério-Júnior, R. I. Cardoso, A. Mielniczki-Pereira, R. L. Cansian and J. C. Budke ..... 133
- Altitudinal genetic variation among native *Pinus patula* provenances: performance in two locations, seed zone delineation and adaptation to climate change.  
By L. F. Ruiz-Talonia, N. M. Sánchez-Vargas, J. S. Bayuelo-Jiménez, S. I. Lara-Cabrera and C. Sáenz-Romero ..... 139
- Spatial genetic structure in the very rare and species-rich *Picea chihuahuana* tree community (Mexico).  
By C. Z. Quiñones-Pérez, S. L. Simental-Rodríguez, C. Sáenz-Romero, J. P. Jaramillo-Correa and C. Wehenkel ..... 149
- Inference of allelic dosages and inheritance modes in tetraploids: a case study in *Betula apoensis* with a putative hybrid origin.  
By T. Nagamitsu, T. Kawahara and A. Kanazashi ..... 159
- Visible and near infrared hyperspectral imaging reveals significant differences in needle reflectance among Scots pine provenances.  
By D. Danusevicius, G. Masaitis and G. Mozgeris ..... 169
- Novel nuclear microsatellites in the endangered neotropical timber tree *Lecythis ampla* (Lecythidaceae).  
By G. Hernández, H. Konrad, S. Krumböck and T. Geburek ..... 181

(Published in March 2015)



J. D. Sauerländer's Verlag, Bad Orb