

Innovation and stasis : gymnosperms from the early Permian Jambi flora  ${\sf Booi,\,M.}$ 

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#### Curriculum Vitae

Menno Booi was born on september 15<sup>th</sup> 1976 in Uithoorn. In 1995 he graduated (VWO) from Geert Groote School in Amsterdam. At the University of Utrecht he specialised in Late Paleozoic paleobotany and pollen morphology of the recent Lythraceae. In 2003 he graduated with an MSc in Biology on a thesis about the life and work to Dutch paleobotanist W. A. Jongmans. In the same year, he started with his studies on the Early Permian flora of Jambi, Sumatra at the Naturalis Biodiversity Center (formerly the National Natural History Museum Naturalis), initially enabled by a grant from the Stichting Fundatie van de Vrijvrouwe van Renswoude. As a part of these studies, he took part in expeditions to the area (in 2003, 2004 and 2006) which aimed at a greater understanding of the geological setting as well as the collection of new material. During 2007 and 2008, a combined effort from Naturalis and Leiden branch of the National Herbarium allowed him to pursue his PhD work on a full-time basis for two years. From 2010 onwards he has decided to pursue a career in software development, but has continued to work on his PhD in his spare time.

#### **Publications**

Booi, M., Punt, W., Hoen, P.P. 2005. The Northwest European Pollen Flora, 68 Lythraceae. Review of Palaeobotany and Palynologie 123: 163-180.

Van Waveren, I.M., Hasibuan, F., Suyoko, Makmur, de Boer, P.L., Chaney, D., Ueno, K., Booi, M., Iskandar, E.A.P., King, C., De Leeuw, J.M. & Van Konijnenburg-van Cittert, J.H.A. 2005. Taphonomy, Palaeobotany and Sedimentology of the Mengkarang Formation (Early Permian, Jambi, Sumatra, Indonesia). In: Lucas, E. (Ed.), The Nonmarine Permian. Bulletin of the New Mexico Museum of Natural History and Science 30: 333-341.

Van Waveren, I.M., Iskandar, E.A.P., Booi, M. & Van Konijnenburg-van Cittert, J.H.A. 2007. Composition and palaeogeographic position of the Lower Permian Jambi flora from Sumatra. Scripta Geologica 135: 1-28.

Booi, M., Van Waveren, I.M., Van Konijnenburg-Van Cittert, J.H.A. & De Boer, P.L. 2008. New material of Macralethopteris from the Early Permian Jambi flora (Middle Sumatra, Indonesia) and its palaeoecological implications. Review of Palaeobotany and Palynology 152 (3-4), 101-112.

Booi, M., van Waveren, I.M. & van Konijnenburg-van Cittert, J.H.A. 2009a. Comia and Rhachiphyllum from the Early Permian of Sumatra, Indonesia. Review of Palaeobotany and Palynology, 156, 418-435.

Booi, M., van Waveren, I.M. & van Konijnenburg-van Cittert, J.H.A. 2009b. The Jambi gigantopterids and their place in gigantopterid classification. Bot. J. Lin. Soc. 161(3), 302-328.

Booi, M., Van Waveren, I.M. & Van Konijnenburg-Van Cittert, J.H.A. 2014. Gymnosperm permineralized wood from the Early Permian Jambi flora, Sumatra, Indonesia. Permian Araucarioids. IAWA Journal, 35, 307-331.

Matysová, P., Booi, M., Crow, M.C., Hasibuan, F., Perdono, A.P., van Waveren, I.M. & Donovan, S.K. in press. Burial and preservation of a fossil forest on an Early Permian (Asselian) volcano (Merangin River, Sumatra, Indonesia). Geological Journal.

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