QUATERNARY RESEARCH

Quaternary Research is an international journal devoted to the advancement of the interdisciplinary understanding of the Quaternary Period. We aim to publish articles of broad interest with relevance to more than one discipline, and that constitute a significant new contribution to Quaternary science. The journal's scope is global, building on its nearly 50-year history in advancing the understanding of earth and human history through interdisciplinary study of the last 2.7 million years. Research areas include geoarcheology, geochemistry and geophysics, geochronology, geomorphology, glaciology, neotectonics, paleobotany and paleoecology, paleoclimatology, paleopedology, paleopedology, quaternary geology, volcanology and tephrochronology.

Submit manuscripts online at http://editorialmanager.com/qr. See instructions for submitting your manuscripts at https://www.cambridge.org/core/journals/quaternary-research/information/guide-for-authors.

Subscription Information: *Quaternary Research* published two volumes per year with three issues each. The journal is published on behalf of Quaternary Research Center by Cambridge University Press, One Liberty Plaza, 20th Floor, New York, NY 10006, USA. Annual subscription rates for Volumes 87 and 88 (2017): Institutional rate, print only: \$1,312.00 (£795.00 + VAT). Institutional rate, online only: \$1,287.00 (£780.00 + VAT). Institutional rate, print and online: \$1,365.00 (£827.00 + VAT). For subscriptions, renewals, and address changes, please visit https://www.cambridge.org/core/journals/quaternary-research/subscribe. Email subscriptions_ newyork@cambridge.org for the rest of the world.

ISSN: 0033-5894

EISSN: 1096-0287

© 2017 University of Washington. All rights reserved.

No part of this publication may be reproduced, in any form or by any means, electronic, photocopying, or otherwise, without permission in writing from Cambridge University Press. Policies, request forms and contracts are available at: http://www.cambridge.org/about-us/ rights-permissions. Permission to copy (for users in the U.S.A.) is available from Copyright Clearance Center: http://www.copyright.com. Email: info@copyright.com

CONTENTS



1–23	A 30,000 yr high-precision eruption history for the andesitic Mt. Taranaki, North Island, New Zealand
	Magret Damaschke, Shane J. Cronin, Katherine A. Holt, Mark S. Bebbington, and Alan G. Hogg
24-36	Properties, age, and significance of dunes near Snow Water Lake, Elko County, Nevada
	Jeffrey S. Munroe, Andrew L. Gorin, Noah N. Stone, and William H. Amidon
37-48	Holocene changes in flooding frequency in South Korea and their linkage to centennial-to-
	millennial-scale El Niño–Southern Oscillation activity
	Jaesoo Lim, Jin-Young Lee, Sei-Sun Hong, Ju-Yong Kim, Sangheon Yi, and Wook-Hyun Nahm
49-65	Origin, migration pathways, and paleoenvironmental significance of Holocene ostracod records
	from the northeastern Black Sea shelf
	Maria A. Zenina, Elena V. Ivanova, Lee R. Bradley, Ivar O. Murdmaa, Eugene I. Schornikov, and Fabienne Marret
66-81	Inland dunes on the abandoned bed of Glacial Lake Chicago indicate eolian activity during the
	Pleistocene-Holocene transition, southwestern Michigan, USA
	Patrick M. Colgan, William H. Amidon, and Sara A. Thurkettle
82–95	Micromorphology of late Pleistocene and Holocene sediments and a new interpretation of the
	Holocene chronology at Anderson Pond, Tennesse, USA
0.0 100	Steven G. Driese, Sally P. Horn, Joanne P. Ballard, Mathew S. Boehm, and Zhenghua Li
96–120	Deglaciation and late-glacial climate change in the White Mountains, New Hampshire, USA
101 120	Woodrow B. Thompson, Christopher C. Dorion, John C. Ridge, Greg Balco, Brian K. Fowler, and Kristen M. Svendsen
121–132	New pollen evidence from Nariani (Georgia) for delayed postglacial forest expansion in the South Caucasus
	Erwan Messager, Sébastien Nomade, Bruno Wilhelm, Sébastien Joannin, Vincent Scao, Ulrich Von Grafenstein, Inga Martkoplishvili,
	Vincent Ollivier, Ana Mgeladze, Jean-Pascal Dumoulin, Arnaud Mazuy, Soumaya Belmecheri, and David Lordkipanidze
133-150	Optical dating of late Quaternary carbonate sequences of Saurashtra, western India
100 100	Komal Sharma, Nilesh Bhatt, Anil Dutt Shukla, Dae-Kyo Cheong, and Ashok Kumar Singhvi
151-167	Quaternary marine terrace chronology, North Canterbury, New Zealand, using amino acid
	racemization and infrared-simulated luminescence
	David O.S. Oakley, Darrell S. Kaufman, Thomas W. Gardner, Donald M. Fisher, and Rebecca A. VanderLeest
168–179	North Atlantic controlled depositional cycles in MIS 5e layered sediments from the deep Dead
	Sea basin
	Daniel Palchan, Ina Neugebauer, Yael Amitai, Nicolas D. Waldmann, Markus J. Schwab, Peter Dulski, Achim Brauer,
	Mordechai Stein, Yigal Erel, and Yehouda Enzel
180-189	Comparative ¹⁴ C and OSL dating of loess-paleosol sequences to evaluate post-depositional
	contamination of <i>n</i> -alkane biomarkers
	Michael Zech, Sebastian Kreutzer, Roland Zech, Tomasz Goslar, Sascha Meszner, Cameron McIntyre, Christoph Häggi,
	Timothy Eglinton, Dominik Faust, and Markus Fuchs