

American Journal of Science

FEBRUARY 2014

Bor-ming Jahn Special Issue Part II

CONTENTS

Foreword	vii
Sources of cratonic metasomatic fluids: <i>In situ</i> LA-MC-ICPMS analysis of Sr, Nd, Hf and Pb isotopes in Lima from the Jagersfontein Kimberlite <i>W. L. Griffin, N. J. Pearson, T. Andersen, S. E. Jackson, S. Y. O'Reilly, and M. Zhang</i>	435
The Katherina Ring Complex (Sinai Peninsula, Egypt): Sequence of emplacement and petrogenesis <i>M. Eyal, A. N. Zanvilevich, B. A. Litvinousky, B. M. Jahn, Ye. Vapnik, and Y. Be'eri-Shlevin</i>	462
Geochemistry and geochronology of Mesoproterozoic basement rocks from the Eastern Amery Ice Shelf and southwestern Prydz Bay, East Antarctica: Implications for a long-lived magmatic accretion in a continental arc <i>Xiaochun Liu, Bor-ming Jahn, Yue Zhao, Jian Liu, and Liudong Ren</i>	508
Zircon U-Pb and Hf isotopic constraints on the onset time of India-Asia collision <i>Fu-Yuan Wu, Wei-Qiang Ji, Jian-Gang Wang, Chuan-Zhou Liu, Sun-Lin Chung, and Peter D. Clift</i>	548
Zircon U-Pb geochronology and Hf isotopic composition of granitoids in Russian Altai Mountain, Central Asian Orogenic Belt <i>Keda Cai, Min Sun, Wenjiao Xiao, M. M. Buslov, Chao Yuan, Guochun Zhao, and Xiaoping Long</i>	580
The 186 Ma Dashibalbar alkaline granitoid pluton in the north-Gobi Rift of central Mongolia: Evidence for melting of Neoproterozoic basement above a plume	

- J. Dostal, J. V. Owen, O. Gerel, J. D. Keppie, R. Corney, J. G. Shelburne, and A. MacRae* 613
 U-Pb dating and tectonic implication of ophiolite and metabasite from the Song
 Ma suture zone, northern Vietnam
Ru Y. Zhang, Ching-Hua Lo, Xuan-Hua Li, Sun-Ling Chung, Tran Tuan Anh,
and Tran Van Tri 649
- Geochronologic and geochemical evidence for persistence of south-dipping
 subduction to late Permian time, Langshan area, Inner Mongolia (China):
 Significance for termination of accretionary orogenesis in the southern
 Altaids
Li'na Lin, Wenjiao Xiao, Bo Wan, Brian F. Windley, Songjian Ao, Chunming Han,
Jianyun Feng, Ji'en Zhang, and Zhiyong Zhang 679
- Generation of Cenozoic granitoids in Hokkaido (Japan): Constraints from
 zircon geochronology, Sr-Nd-Hf isotopic and geochemical analyses, and
 implications for crustal growth
Bor-ming Jahn, Masako Usuki, Tadashi Usuki, and Sun-Lin Chung 704