FORTHCOMING PAPERS

The following are some papers that have been accepted for publication in future issues of *Clays and Clay Minerals:*

Victor A. Drits, Douglas K. McCarty and Bella B. Zviagina. Crystal-chemical factors responsible for the distribution of octahedral cations over *trans*- and *cis*-sites in dioctahedral 2:1 layer silicates

Edward Peltier, Ramakumar Allada, Alexandra Navrotsky and Donald L. Sparks. Nickel solubility and precipitation in soils: a thermodynamic study

Nicolas Perrier, Robert J. Gilkes and Fabrice Colin. Heating iron oxide rich soils increases the dissolution rate of metals

M.A. Wells, R.W. Fitzpatrick and R.J. Gilkes. Thermal and mineral properties of Al, Mn, Cr, Ni and Ti-substituted goethite

Kangwon Lee, Joel E. Kostka and Joseph W. Stucki. Comparisons of structural iron reduction in smectites by bacteria and dithionite: an infrared spectroscopic study

Rainer Dähn, Michel Jullien, André M. Scheidegger, Christophe Poinssot, Bart Baeyens and Michael H. Bradbury. Identification of neoformed Ni-phyllosilicates upon Ni uptake in montmorillonite: a transmission electron microscopy and extended X-ray absorption fine structure study

Grzegorz Jozefaciuk and Dorota Matyka-Sarzynska. Effect of acid and alkali treatment on nanopore properties of selected minerals

Emilio Galán, Patricia Aparicio, Ángel La Iglesia and Isabel González. The effect of pressure on order/disorder in kaolinite under wet and dry conditions

Giovanna Giorgetti, Thomas Monecke, Reinhard Kleeberg and Mark D. Hannington. Low-temperature hydrothermal alteration of silicic glass at the PACMANUS hydrothermal vent field, Manus Basin: an XRD, SEM, and AEM-TEM study

Åsa Zazzi, Tomas K. Hirsch, Ekaterina Leonova, Andrei Kaikkonen, Jekabs Grins, Hans Annersten and Mattias Edén. Structural investigations of natural and synthetic chlorite minerals by X-ray diffraction, Mössbauer spectroscopy and solid-state nuclear magnetic resonance

Junfeng Ji, Liang Zhao, William Balsam, Jun Chen, Tao Wu and Lianwen Liu. Detecting chlorite in the Chinese loess sequence by diffuse reflectance spectroscopy

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