

# CLAY MINERALS

VOLUME 30, NUMBER 4, DECEMBER 1995

## CONTENTS

H. GRAF V. REICHENBACH and J. BEYER. Dehydration and rehydration of vermiculites: II. Phlogopitic Ca-vermiculite	273
I. LAPIDES, S. YARIV and N. LAHAV. The intercalation of CsF in kaolinite	287
A. BEN HAJ AMARA, J. BEN BRAHIM, G. BESSON et C. H. PONS. Etude d'une nacrite intercalée par du diméthylsulfoxyde et <i>n</i> -méthylacetamide	295
E. MENDELOVICI, R. VILLALBA, A. SAGARZAZU and O. CARIAS. The 1640 cm <sup>-1</sup> infrared band, monitor for the gain and thermal stability of water produced in ground kaolinites	307
M. A. VICENTE RODRIGUEZ, J. D. LOPEZ GONZALEZ, M. A. BAÑARES MUÑOZ and J. CASADO LINAREJOS. Acid activation of a Spanish sepiolite: II. Consideration of kinetics and physico-chemical modifications generated	315
A. VIOLANTE, A. DE CRISTOFARO, M. A. RAO and L. GIANFREDA. Physicochemical properties of protein-smectite and protein-Al(OH) <sub>x</sub> -smectite complexes	325
A. VIMOND-LABOUDIGUE et R. PROST. Etude comparée des complexes hectorite- et vermiculite-décylammonium à l'aide des spectrométries infrarouge et Raman	337
M. GHARRABI and B. VELDE. Clay mineral evolution in the Illinois Basin and its causes	353
J. F. DECONINCK and H. CHAMLEY. Diversity of smectite origins in Late Cretaceous sediments: example of chalks from northern France	365
B. BAULUZ LAZARO, M. J. MAYAYO BURILLO, C. FERNANDEZ-NIETO and J. M. GONZALEZ LOPEZ. Mineralogy and geochemistry of Devonian detrital rocks from the Iberian Range (Spain)	381
F. LOPEZ-AGUAYO and J. M. GONZALEZ LOPEZ. Fibrous clays in the Almazán Basin (Iberian Range, Spain): genetic pattern in a calcareous lacustrine environment	395
J. ALONSO-AZCARATE, J. F. BARRENECHEA, M. RODAS and J. R. MAS. Comparative study of the transition between very low-grade and low-grade metamorphism in siliciclastic and carbonate sediments: Early Cretaceous, Cameros Basin (northern Spain)	407
Book Review	421
Referees for Volume 30	422
Forthcoming Papers	423
Announcements	424
Alphabetical Index	425

ISSN 0009-8558

*Typeset by Westfield Typesetting, North Walsham, Norfolk*  
*Printed by Black Bear Press Limited, Cambridge, England*