

CLAY MINERALS

VOLUME 20, NUMBER 3, SEPTEMBER 1985

CONTENTS

- C. CRACIUN and A. MEGHEA, Electron spin resonance studies of montmorillonites 281
- G. RUHLICKE and E. A. NIEDERBUDE. Determination of layer-charge density of expandable 2:1 clay minerals in soils and loess sediments using the alkylammonium method 291
- M. S. STUL. The porosity of deferrated montmorillonites: ethanol and methylbromide sorption 301
- P. AUROUSSEAU et J. PAGES. Estimation de la composition chimique d'un phyllosilicate secondaire en équilibre avec une population homogène d'eaux 315
- S. KOMARNENI, C. A. FYFE and G. J. KENNEDY. Order-disorder in 1:1 type clay minerals by solid-state ^{27}Al and ^{29}Si magic-angle-spinning NMR spectroscopy 327
- M. PARRA, P. DELMONT, A. FERRAGNE, C. LATOUCHE, J. C. PONS and C. PUECHMAILLE. Origin and evolution of smectites in Recent marine sediments of the NE Atlantic 335
- J. C. GIUNTINI, A. JABOBKER et J. V. ZANCHETTA. Etude de l'interaction eau-kaolinite par mesure des permittivités complexes 347
- A. MANCEAU, G. CALAS and A. DECARREAU. Nickel-bearing clay minerals: I. Optical spectroscopic study of nickel crystal chemistry 367
- D. BADAUT, G. BESSON, A. DECARREAU and R. RAUTUREAU. Occurrence of a ferrous, trioctahedral smectite in Recent sediments of Atlantis II Deep, Red Sea 389
- Note
- H. SHADFAN, A. A. HUSSEN and F. ALAILY. Occurrence of palygorskite in Tertiary sediments of western Egypt 405

ISSN 0009-8558

*Computer typeset by SB Datagraphics. Printed in Great Britain by
Spottiswoode Ballantyne Printers Ltd*