

CLAY MINERALS

VOLUME 22, NUMBER 2, JUNE 1987

CONTENTS

M. SANCHEZ-CAMAZANO, M. J. SANCHEZ-MARTIN, M. T. VICENTE and A. DOMINGUEZ-GIL. Adsorption-desorption of sotalol hydrochloride by Na-montmorillonite	121
D. PROUST, P. DUDOIGNON, A. BOUCHET and A. MEUNIER. Marine and supergene alteration processes in a chloritized amphibole-schist, Deux-Sevres, France	129
D. NJOPWOUO, G. ROQUES and R. WANDJI. A contribution to the study of the catalytic action of clays on the polymerization of styrene: I. Characterization of polystyrenes	145
H. SUQUET, C. MALARD et H. PEZERAT. Structure et propriétés d'hydratation des nontronites	157
C. BREEN, A. T. DEANE and J. J. FLYNN. The acidity of trivalent cation-exchanged montmorillonite. Temperature-programmed desorption and infrared studies of pyridine and <i>n</i> -butylamine	169
T. IMBERT and A. DESPRAIRIES. Neof ormation of halloysite on volcanic glass in a marine environment	179
M. F. BRIGATTI and L. POPPI. Natural and monoionic aliettite: hydration and dehydration states	187
C. BREEN and A. DEANE. The adsorption of 1,4-dioxan, tetrahydrofuran and tetrahydropyran from binary solution with methanol on Al ³⁺ - and Cr ³⁺ -exchanged montmorillonite	199
A. DECARREAU, D. BONNIN, D. BADAUT-TRAUTH, R. COUTY and P. KAISER. Synthesis and crystallogenesis of ferric smectite by evolution of Si-Fe coprecipitates in oxidizing conditions	207
A. CORMA, A. MIFSUD and E. SANZ. Influence of the chemical composition and textural characteristics of palygorskite on the acid leaching of octahedral cations	225
Notes	
J. M. CAMPELO, A. GARCIA, S. LUNA and J. M. MARINAS. Catalytic activity of natural sepiolites in cyclohexene skeletal isomerization	233
S. MORAD and A. A. ALDAHAN. A SEM study of diagenetic kaolinization and illitization of detrital feldspars in sandstones	237
Book Reviews	245
Corrigenda	249
Referees for volume 21	250

ISSN 0009-8558

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