

# MINERALOGICAL MAGAZINE

CONTENTS OF No. 234

(September 1956)

W. CAMPBELL SMITH: Frederick Noel Ashcroft (Plate VII) . . . . .	195
TH. G. SAHAMA, K. J. NEUVONEN, and KAI HYTÖNEN: Determination of the composition of kalsilites by an X-ray method . . . . .	200
J. V. SMITH and H. S. YODER: Experimental and theoretical studies of the mica polymorphs (Plates VIII and IX) . . . . .	209
S. A. BILGRAMI: Manganese silicate minerals from Chikla, Bhandara District, India . . . . .	236
R. B. ELLIOTT: The Eskdalemuir tholeiite and its contribution to an understanding of tholeiite genesis . . . . .	245
E. R. SEGNET: The section $\text{CaSiO}_3\text{-MgSiO}_3\text{-Al}_2\text{O}_3$ . . . . .	255
H. MEIXNER, M. H. HEY, and A. A. MOSS: Some new occurrences of gonnardite (Plate X) . . . . .	265
R. B. ELLIOTT: An effect of depth of focus on micrometric analysis . . . . .	272
F. CHAYES: The Holmes effect and the lower limit of modal analysis . . . . .	276
A. W. G. KINGSBURY: The rediscovery of churchite in Cornwall . . . . .	282

## MINERALOGICAL ABSTRACTS

Vol. 13, No. 3 (pp. 73-104), September 1956

*Abstractors and Translators:* N. F. M. Henry, R. A. Howie, Mme E. Jérémme, A. P. Millman, A. Andrea, L. J. Spencer, S. I. Tomkeieff.

*Contents:* Apparatus and Techniques (p. 73), Meteorites and Tektites (p. 77), New Minerals (p. 84), Rock-forming Minerals and Petrology (p. 88), Book Notices (p. 97).

*Authors of papers abstracted.*—Abdulgararov 77, Adler 76, Andrade, C. F., 97, Andrade, M., 96, 97, Assunção 92-93, 96, Axelrod 76, 86, Baker 83, Bonto 77, Bonshtedt-Kupletskaya 84, Brak-Lamy 82-93, 96, Brewer 76, Burianova 84, Cherdynstov 77, Colomb 91, Cotelto Neiva 97, Davis 75, Demay 90-91, Dennis 92, Dolgov 73, Edwards, J. W., 76, Edwards, G., 78, Ellington 75, Eskola 90, Fleischer 84, Fontbote 94, Friedman 83, Frondel 87, Garavelli 86-87, Goldsmith 88, Graf 88, Grimaldi 86, Gross 86, Grum-Grzhimailo 74, 74, Guigues 95-96, Guillemin 84, Hallimond 77, Hershenson 75, Hey 82-83, Hosking 77, 77, Hunt 75, Huttenlocher 80, Ingram 86, Jeffreys 81, Kaitaro 90, Kalyuzhny 73, Kanda 80, Kirszenstein 78, Klimovskaya 74, 74, Komkov 84, Kramer 76, Lapadu-Hargues 88-89, LaPaz 82, Leonard 82, Liberman 75, Lindberg 85, Malkowski 92-94, Marzys 76, Mather 81, Meixner 85, Mikheev 74, Milner 76, Milton 86, Mitchell 95, Miyashiro 85, Monod 82, Morris 76, Mouta 96, 97, Murayama 80, 81, Nefedov 85, Niggli 91-92, North 75, Onishi 75, 78, Oulianoff 92, Pabst 86, Pasotti 91, Pecora 86, Permingeat 84, Ferrin 92, Phillips 76, Pienowski 73, Pinson 73, Pinto Coelho 96, Pokrzywnicki 78-79, 79, 79-80, Poldervaart 95, Poole 75, Potapenko 73, Raikher 73, Ravier 94, Roubault 92, Routhier 90, Roy 81-82, Rudi 73-74, Sandell 75, 78, San Miguel Arribas 89, Sawyer 86, Schüller 84, 85, Segrove 75, Smith 82-83, Sorotchinsky 94-95, Stair 83, Stanley 75, Steinbergs 75, Strickland 75, Suseela 76, Suzuki 90, Switzer 86, Thompson 86, Tristram 76, Vickery 76, Vishnevsky 74, 74, Volborth 93, Walls 83, Wells 75, Whittle 87-88, Wohlmann 85, Wyant 81-82, Zimmerle 91.

*Authors of books reviewed.*—Anderson 104, Chudoba 100, Flüge 101-102, Gübelin 100, Heinrich 99-100, Knoerr 103-104, Lutjen 103-104, Roubault 104, Russell 101, Russian Reference Journal, 97, Termier and Termier 102-103, Wilson (ed.) 103.