

MINERALOGICAL MAGAZINE

CONTENTS OF No. 205

(June, 1949)

	PAGE
Sir ARTHUR RUSSELL: The Wherry mine, Penzance, its history and its mineral productions. (With Plates XXVI-XXVIII)	517
J. HENNIG: Goethe's interest in British mineralogy	534
H. M. RICHARDSON and G. R. RIGBY: The occurrence of iron-cordierite in blast-furnace linings	547
H. G. F. WINKLER: Crystallization of basaltic magma as recorded by variation of crystal-size in dikes	557
H. NEUMANN: Notes on the mineralogy and geochemistry of zinc	575
J. J. FRANKEL: Dickite from the Witwatersrand gold mines	582
G. M. GAD and L. R. BARRETT: The constitution of some Egyptian clays	587
J. W. JORDAN: Alteration of the properties of bentonite by reaction with amines	598
S. CAILLÈRE and S. HÉNIN: Transformation of minerals of the montmorillonite family into 10 Å. micas	606
S. CAILLÈRE and S. HÉNIN: Experimental formation of chlorites from montmorillonite	612

MINERALOGICAL ABSTRACTS

(Vol. 10, No. 10, pp. 447-502)

Notices of Books (p. 447).—New Minerals (p. 452).—Artificial Minerals (p. 456).—Mathematical Crystallography (p. 465).—Crystal-optics (p. 468).—Physical Properties (p. 475).—Instruments and Apparatus (p. 479).—Economic Minerals and Ore-deposits (p. 484).—Miscellaneous (p. 499).

Authors of papers abstracted.—Allen 497, Allen 498, Angelelli 456, 600, Astbury 479, Axelrod 452, Bailly 473, Balconi 466, Bannister 452, Barbaron 471, Barshad 462, Bayramgil 493, Becquerel 479, Belshetzil 464, Berg 464, Billings 475, Bishopp 496, Boardman 494, Bobrovnik 502, Bonatti 469, Borchert 462, 500, Borisevich 463, Born 472, Bottom 477, Bowley 498, Bradburn 472, Brandt 495, Brasseur 471, Bridgman 477, Buerger 466, Caillère 461, 489, Callaghan 496, Cambi 460, Capdecemme 474, Cavalca 460, Colbertaldo 495, Cormack 459, Cotejo Neiva 496, 488, 493, Crook 471, Darncal 469, Davis, 467, Davison 480, Deans 489, Deicha 459, Dilakorsky 464, Dixon 459, Donnay 466, Druff 455, Dunham 495, Edwards 488, Elbo 497, Engel 484, Eppler 476, Evans 466, Fahey 456, Faleev 453, Faust 477, 496, Fielding 478, Flint 479, Formatecher 476, Franco 496, Frankel 493, 499, Friascl 477, Frondel 452, 478, Frost 486, Fumi 466, Galopin 472-3, Geiger 491, Gilbert 467, Glazunov 485, Goldich 482, Goldsmith 468, Gordon 456, Grimaldi 452, Groves 491, Guimarães dos Santos 488, Hägg 480, Hale 460, Handel 479, Harting 470, Hartshorne 468, Hendricks 482, Hénin 461, Hobbs 494, Hollingworth 452, Hugi 491, Hurlbut 483, Hutchinson 499, Hyman 475, Iley 456, Imber 465, Isakov 453, Iakyl 453, Ivanov 485, Iyer 451, James 447, Jirkovský 465, Jones 484, Jong 467, Jouravsky 499, Kalyuzhnyi 502, Kammer 477, Keldel 462, Kirkpatrick 467, 469, Knoll 456, Kraus 451, Kraut 489, Lapin 463, Laurent 480, Le Peintre 641, Liddicoat 451, Loewenstein 496, Longuet 461, Lonsdale 447, Loupekine 472, McIntyre 486, Maslennitsky 453, Mason 475, Mathieu 471, Mauër 479, Meen, 463, Mellis 480, Mellor 456, Mertie 463, Meyer 483, Milton 452, 469, Mitchell 482, Montgomery 486, Moos 450, Mountain 498, Müller 465, Murata 452, 494, Neiva 486, 498, 493, Nelson 482, Neuerburg 475, Niggli 490, Odman 492, Orcl 471, Ostrovsky 464, Ovchinnikov 453, Pacilli 457, Palache 452, Panichi 481, Papefus 466, Pardue 477, Parker 449, Pasotti 500, Pearl 449, Pecora 456, 494, Pehrman 460, Peyronel 457, Pieruccio 487, Pinder 462, Pollard 457, Prince 460, Quervain 450, Radhakrishnan 470, Bait 462, Ramachandran 470, Raman 475, Bankams 499, Bergarten 502, Reuter 456, Riley 456, Rittmann 469, Robinson 457-8, Rogers 465, Rooyen 495, Roper 479, Ross 482, Rowedge 493, Russell 495, Rycroft 478, Ryskevich 476, Samson 455, Sander 451, Schroeder 500, Schwellnus 489, 495, Scott 459, Seitz 479, Serdyuchenko 501, Shavrova 502, Shilin 501, Shubnikov 465, Smith 484, Smolyaninov 453, Snow 461, Söhngé 487, Stokes 482, Strauss 490, Sud 481, Svebnikova 464, Syromyatnikov 454, Taylor 463, 471, Termier 500, Terpestra 448, Tertsch 470, Thibault 457, Thomas 478, Tickell 450, Turner 467, Tuttle 483, Tzimbalko 453, Tzvetkov 463-4, Vaasjoki 488, Vaes 454, Valvano 500, Vanderwilt 496, Varlamoff 454, 494, Villiers 490, Vuldy 471, Wadia 497, Wadley 455, Waldmann 470, 481, Warren 485, Weber 467, Well 498, Weiss 486, Wendling 493, West 451, Willems 489, 495, Winchell 468, 476, Wojno 467, Wolfe 480, Woodward 457, Wooster 472, 477-8, 480-1, Wyart 459, Wyckoff 448, Yagoda 482, Zerföas 465.

Printed in Great Britain by CHARLES BATEY at the University Press, Oxford

RE-PRINT LITHO by COLONNA PRESS LIMITED, QUEENSWAY HEMEL HEMPSTEAD, HERTS.