

## [No. 80. DECEMBER, 1914.]

|  | PAGE |
|--|------|
| Proceedings of the Mineralogical Society . . . . .   | xxx  |
| G. T. PRIOR: The Meteorites of Uwet, Kota Kota, and Angela: re-determinations of nickel and iron in the Baroti and Wittekrantz meteoric stones. (With plates V and VI) . . . . .                   | 127  |
| H. L. BOWMAN: Note on Calcite from the Chalk at Corfe Castle, Dorset . . . . .   | 135  |
| A. SCOTT: Barkevikite from Lugar, Ayrshire . . . . .   | 138  |
| A. SCOTT: Litharge from Zarshuran, Persia . . . . .  | 143  |
| H. COLLINGRIDGE: The determination of the maximum extinction-angle, optic axial angle, and birefringence in twinned crystals of monoclinic pyroxenes in thin section by the Becke method . . . . . | 147  |
| L. L. FERMOR: On hollow spiral prismatic crystals of ice on the surface of snow . . . . .  | 150  |
| A. F. ROGERS: A new locality for Voelckerite and the validity of Voelckerite as a mineral species . . . . .  | 155  |

## [No. 81. SEPTEMBER, 1915.]

|  |      |
|--|------|
| Proceedings of the Mineralogical Society . . . . .   | xxxv |
| G. CESÀRO: Formule générale donnant la biréfringence d'une lame cristalline en fonction des angles que sa normale fait avec les axes d'élasticité optique. La formule approximative habituelle s'obtient en y supposant les indices infinis, tout en conservant entre eux les différences finies qui existent en réalité . . . . . | 163  |
| G. CESÀRO: Sur une propriété numérique de l'ensemble des axes de symétrie situés dans les plans de symétrie d'un polyèdre . . . . .  | 173  |
| W. J. LEWIS: On crystals of Albite from Alp Rischuna, and pericline twins from La Fibbia, Switzerland. (With plate VII) . . . . .  | 178  |
| S. KÔZU: The dispersion phenomena of Albite from Alp Rischuna, Switzerland. (With plate VII, fig. 4) . . . . .   | 189  |
| J. DRUGMAN: On Childrenite from Crinnis mine, Cornwall, and Eosphorite from Poland, Maine . . . . .  | 193  |
| F. P. MENNELL: Note on the colours of some alluvial Diamonds . . . . .   | 202  |
| F. P. MENNELL: Note on the colour and alteration of Pyrrhotite . . . . .   | 205  |
| J. F. N. GREEN: The Garnets and streaky rocks of the English Lake District . . . . .   | 207  |
| G. M. DAVIES: Detrital Andalusite in Cretaceous and Eocene sands . . . . .   | 218  |
| A. F. HALLIMOND: On Bassetite and Uranospathite, new species hitherto classed as Autunite. (With plate VIII) . . . . .   | 221  |

## [No. 82. APRIL, 1916.]

|  |     |
|--|-----|
| S. KÔZU: The dispersion phenomena and the influence of temperature on the optic axial angle of Sanidine from the Eifel. (With plates IX and X) . . . . . | 237 |
|--|-----|

CONTENTS.

v

|   | PAGE |
|---|------|
| S. KÔZU: The dispersion phenomena of some monoclinic Felspars . . . . .   | 253  |
| G. F. HERBERT SMITH: Chabazite and associated minerals from<br>County Antrim. With Topographical Notes by F. N. ASHCROFT,<br>and Chemical Analyses by G. T. PRIOR. (With plates XI-XIV) | 274  |
| F. N. ASHCROFT: The Natrolite occurrence near Kinbane (White<br>Head), County Antrim . . . . .  | 305  |
| A. L. PARSONS: Proustite from Cobalt, Ontario . . . . .   | 309  |
| W. BARLOW: Crystallographic relations of allied substances traced by<br>means of the law of valency-volumes . . . . .   | 314  |
| G. CESÀRO: Démonstration simple de la loi de Miller . . . . .   | 324  |
| A. F. HALLIMOND: The crystallography and dehydration of Torbernite  | 326  |
| L. J. SPENCER: Crystals of iron phosphide (Rhabdite) from a blast-<br>furnace. . . . .  | 340  |
| L. J. SPENCER: A (seventh) list of new mineral names . . . . .  | 344  |
| Obituaries . . . . .  | 363  |
| Index . . . . .   | 371  |
| Errata . . . . .  | 375  |