

CONTENTS

ORIGINAL PAPERS

|  |     |
|--|-----|
| Geophysics.— Thermal gradient of Kilauea Lava Lake. T.A. JAGGAR, JR.   | 397 |
| Crystallography.— The thermodynamic reversibility of the equilibrium relations between a strained solid and its liquid. F.E. WRIGHT and J.C. HOSTETTER | 405 |
| Mineralogy.— Ilsemannite, hydrous sulphate of molybdenum.<br>WALDEMAR T. SCHALLER  | 417 |
| Botany.— Seedling morphology in palms and grasses. O.F. COOKE  | 420 |

ABSTRACTS

|                      |     |
|----------------------|-----|
| Radiation            | 426 |
| Calorimetry          | 426 |
| Physiological Optics | 427 |
| Geology              | 427 |
| Technology           | 428 |

PROCEEDINGS

|                                      |     |
|--------------------------------------|-----|
| The Geological Society of Washington | 429 |
| The Botanical Society of Washington  | 434 |