## 549.133 PEA

## **CONTENTS**

| Chapter 1 This Fascinating Mineral Hobby     | 9   |
|--|-----|
| Chapter 2 How Rocks and Minerals Are Formed  | 17  |
| Igneous Rocks                                | 19  |
| Sedimentary Rocks                            | 22  |
| Metamorphic Rocks                            | 27  |
| Soils and Scenery                            | 28  |
| Chapter 3 Building a Mineral Collection      | 31  |
| Chapter 4 Seuen Keys to Recognizing Minerals | 41  |
| Mineral Key no. 1 Luster                     | 41  |
| Mineral Key no. 2 Hardness                   | 42  |
| Mineral Key no. 3 Color                      | 43  |
| Mineral Key no. 4 Streak                     | 44  |
| Mineral Key no. 5 Cleavage                   | 45  |
| Mineral Key no. 6 Fracture                   | 46  |
| Mineral Key no. 7 Specific Gravity           | 47  |
| Other Mineral Properties                     | 47  |
| \how to Read Chemical Formulas               | 51  |
| How to Use the Outlines                      | 53  |
| Identifying the Minerals. Outline of Keys    | 54  |
| Chapter 5 Four Keys to Recognizing Rocks     | 161 |
| Rock Key No.1 Texture and Structure          | 161 |
| Rock Key No.2 Color                          | 162 |
| Rock Key No.3 Acid Test                      | 162 |
| Rock Key No.4 Mineral Content                | 163 |
| Identifying the Rocks. Outline of Keys       | 164 |
| Magazines for the Collector                  | 187 |
| Books for the Collector                      | 188 |
| Index  | 189 |