TABLE OF CONTENTS

Page

Chapter 6 — S.W. Bailey

STRUCTURES AND COMPOSITIONS OF OTHER TRIOCTAHEDRAL 1:1 PHYLLOSILICATES

Chapter 7 — S.M. Savin & M. Lee

ISOTOPIC STUDIES OF PHYLLOSILICATES

Chapter 8 — B.W. Evans & S. Guggenheim

TALC, PYROPHYLLITE, AND RELATED MINERALS

Chapter 9 J.V. Chernosky, Jr., R.G. Berman & L.T. Bryndzia

STABILITY, PHASE RELATIONS, AND THERMODYNAMIC PROPERTIES OF CHLORITE AND SERPENTINE GROUP MINERALS

Chapter 10 — S.W. Bailey

CHLORITES: STRUCTURES AND CRYSTAL CHEMISTRY

Chapter 11 — J. Laird

CHLORITES: METAMORPHIC PETROLOGY

Chapter 12 C. de la Calle & H. Suquet

VERMICULITE

Chapter 13

N. Güven

SMECTITES

Chapter 14 — D.M. Burt

VECTOR REPRESENTATION OF PHYLLOSILICATE COMPOSITIONS

Chapter 15 — R.C. Reynolds, Jr.

MIXED LAYER CHLORITE MINERALS

Chapter 16 — B.F. Jones & E. Galan

SEPIOLITE AND PALYGORSKITE

Chapter 17 — S. Guggenheim & R.A. Eggleton

CRYSTAL CHEMISTRY, CLASSIFICATION, AND IDENTIFICATION OF MODULATED LAYER SILICATES

PREFACE AND ACKNOWLEDGMENTS

Volume 13 of *Reviews in Mineralogy* presented much of our present-day knowledge of micas. At the time of that volume (1984), I mentioned that there was too much material available to attempt to cover all of the hydrous phyllosilicates in one volume. The micas were treated first because of their abundance in nature and the fact that more detailed studies had been carried out on them than on the rest of the phyllosilicates. The serpentines, kaolins, smectites, chlorites, etc. would have to wait their turn. Now, four years later, that turn has come. Hence the peculiar nature of the title of this volume.

We know less about the rest of the phyllosilicates than we do about the micas, primarily because many of them are of finer grain sizes and lower crystallinities than most of the micas. As a result, we have been unable to determine as much detail regarding their structures, crystal chemistries, and origins. Nevertheless, there is a considerable body of literature about them, and this volume will attempt to collate and evaluate that literature. One compensating factor that has helped greatly in the accumulation of knowledge about these minerals is that some of them occur in large deposits that are of great economic value and thus stimulate interest. For this reason considerable emphasis in this volume will be related to the occurrence, origin, and petrology of the minerals.

I thank the authors of the various chapters for their enthusiasm in undertaking the writing of this volume and for their diligence in [almost] adhering to the timetable needed to produce the volume prior to the Short Course. The series editor, Paul Ribbe, with the help of Marianne Stern and Margie Sentelle, has expedited this process by his usual fast and efficient processing of the manuscripts.

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