

Contents

Acknowledgments	ix
Chapter 1 Introduction	1
Chapter 2 Sample Collection and Selection	11
Chapter 3 Sample Preparation Tools	19
Chapter 4 Sample Support	31
Chapter 5 Sample Embedding and Mounting	47
Chapter 6 Sample Exposure	65
Chapter 7 Sample Dehydration	97
Chapter 8 Sample Stabilization for Imaging in the SEM	137
Chapter 9 Sample Stabilization to Preserve Chemical Identity	185
Chapter 10 Sample Cleaning	235
Chapter 11 Sample Surface Charge Elimination	247
Chapter 12 Sample Artifacts and Damage	299
Chapter 13 Additional Sources of Information	307
References	317
Index	323