## Contents

1. The Influence of Environmental Factors on the Growth of Lichens in the Field ........................................ 1
   Richard A. Armstrong

2. Sampling and Interpreting Lichen Diversity Data for Biomonitoring Purposes ..................................... 19
   Paolo Giordani and Giorgio Brunialti

3. Lichens and Particulate Matter: Inter-relations and Biomonitoring with Lichens ............................... 47
   J. Garty and R.L. Garty-Spitz

4. Monitoring Lichen as Indicators of Atmospheric Quality ................................................................. 87
   Gintarė Sujetovienė

   Steven D. Leavitt and Larry L. St. Clair

6. Community Metrics Under Air Pollution Stress Condition ........................................................................ 139
   Pulak Das, Jayashree Rout and Santosh Joshi

7. Remote Sensing and GIS for Biodiversity Conservation ................................................................. 151
   Nupoor Prasad, Manoj Semwal and P.S. Roy

8. Reflectance Spectra of High-altitude Lichens Based on In Situ Measurements .................................. 181
   C.P. Singh and C. Prabakaran

9. Lichens as Agents of Biodeterioration ................................................................................. 189
   M.R.D. Seaward
<table>
<thead>
<tr>
<th>Chapter</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Lichen Growth and Lichenometry</td>
<td>213</td>
</tr>
<tr>
<td></td>
<td>Richard A. Armstrong</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Analysis of Lichen Metabolites, a Variety of Approaches</td>
<td>229</td>
</tr>
<tr>
<td></td>
<td>Pierre Le Pogam, Gaëtan Herbette and Joël Boustie</td>
<td></td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>263</td>
</tr>
</tbody>
</table>
Recent Advances in Lichenology
Modern Methods and Approaches in Biomonitoring and Bioprospection, Volume 1
Upreti, D.K.; Divakar, P.K.; Shukla, V.; Bajpai, R. (Eds.)
2015, XV, 265 p. 65 illus., 42 illus. in color., Hardcover
ISBN: 978-81-322-2180-7