

Contents

<i>List of Contributors</i>	<i>page vii</i>
Introduction	
ROGER C. ANDERSON, JAMES S. FRALISH, AND JERRY M. BASKIN	1
EASTERN/SOUTHEASTERN REGION	
1 Ecology and Conservation of Florida Scrub	
ERIC S. MENGES	7
2 Southeastern Pine Savannas	
WILLIAM J. PLATT	23
3 New Jersey Pine Plains: The “True Barrens” of the New Jersey Pine Barrens	
DAVID J. GIBSON, ROBERT A. ZAMPELLA, AND ANDREW G. WINDISCH	52
4 Vegetation, Flora, and Plant Physiological Ecology of Serpentine Barrens of Eastern North America	
R. WAYNE TYNDALL AND JAMES C. HULL	67
5 The Mid-Appalachian Shale Barrens	
SUZANNE H. BRAUNSCHWEIG, ERIK T. NILSEN, AND THOMAS F. WIEBOLDT	83
6 Granite Outcrops of the Southeastern United States	
DONALD J. SHURE	99
7 High-Elevation Outcrops and Barrens of the Southern Appalachian Mountains	
SUSAN K. WISER AND PETER S. WHITE	119
CENTRAL/MIDWEST REGION	
8 Dry Soil Oak Savanna in the Great Lakes Region	
SUSAN WILL-WOLF AND FOREST STEARNS	135
9 Deep-Soil Savannas and Barrens of the Midwestern United States	
ROGER C. ANDERSON AND MARLIN L. BOWLES	155
10 Open Woodland Communities of Southern Illinois, Western Kentucky, and Middle Tennessee	
JAMES S. FRALISH, SCOTT B. FRANKLIN, AND DAVID D. CLOSE	171
11 The Big Barrens Region of Kentucky and Tennessee	
JERRY M. BASKIN, CAROL C. BASKIN, AND EDWARD W. CHESTER	190

vi	Contents	
12	Cedar Glades of the Southeastern United States JERRY M. BASKIN AND CAROL C. BASKIN	206
13	Savanna, Barrens, and Glade Communities of the Ozark Plateaus Province ALICE LONG HEIKENS	220
14	The Cross Timbers B. W. HOAGLAND, I. H. BUTLER, F. L. JOHNSON, AND S. GLENN	231
	WESTERN/SOUTHWESTERN REGION	
15	Ponderosa and Limber Pine Woodlands DENNIS H. KNIGHT	249
16	The Sand Shinnery Oak (<i>Quercus havardii</i>) Communities of the Llano Estacado: History, Structure, Ecology, and Restoration SHIVCHARN S. DHILLION AND MICHELE H. MILLS	262
17	Oak Savanna in the American Southwest MITCHEL P. MCCLARAN AND GUY R. MCPHERSON	275
18	Juniper–Piñon Savannas and Woodlands of Western North America NEIL E. WEST	288
19	Serpentine Barrens of Western North America A. R. KRUCKEBERG	309
20	California Oak Savanna BARBARA ALLEN-DIAZ, JAMES W. BARTOLOME, AND MITCHEL P. MCCLARAN	322
	NORTHERN REGION	
21	Jack Pine Barrens of the Northern Great Lakes Region KURT S. PREGITZER AND SARI C. SAUNDERS	343
22	The Cliff Ecosystem of the Niagara Escarpment D. W. LARSON, U. MATTHES-SEARS, AND P. E. KELLY	362
23	Alvars of the Great Lakes Region PAUL M. CATLING AND VIVIAN R. BROWNELL	375
24	The Flora and Ecology of Southern Ontario Granite Barrens PAUL M. CATLING AND VIVIAN R. BROWNELL	392
25	The Aspen Parkland of Canada O. W. ARCHIBOLD	406
26	Subarctic Lichen Woodlands E. A. JOHNSON AND K. MIYANISHI	421
	<i>Index of Plants</i>	439
	<i>Index of Animals</i>	458
	<i>Topic Index</i>	463