

Cambridge University Press 0521428378 - Americans and their Forests: A Historical Geography Michael Williams Table of Contents More information

Contents

List of illustrations	page x
List of tables	xv
Preface	xvii
A note on tree, lumber, and plant association names	xx
Abbreviations	xxii
Part I The forest before 1600	
1 The forest in American life	3
American geography	3
The American economy	5
American culture	9
National symbols	19
2 The forest and the Indian	22
The forest	22
The Indian	32
Part II Change in the forest, 1600-1859	
3 The forest and pioneer life, 1600–1810	53
Pioneer life in the forest	55
Clearing	60
Stock in the forest	67
Fences and houses	69
Potash and fuel	74
4 Two centuries of change: the commercial uses of the forest	82
The demands of the sea	82
Timber products and lumber	94
Charcoal and iron making	104
5 The quickening pace: agricultural clearing, 1810-1860	111
Clearing the forest and making a farm	112
The amount of land cleared	118
"A new creation": the landscape of clearing	120
The forest edge	128
Domestic fuel supplies	133

vii



Cambridge University Press 0521428378 - Americans and their Forests: A Historical Geography Michael Williams Table of Contents More information

viii	Contents	
	Minor pioneer products	139
	"Another landscape": environmental concern	144
6	The quickening pace: the industrial impact, 1810–1860	146
Ü	Charcoal and the iron industry	147
	Fueling transport and manufacturing	152
	Naval stores	157
	The lumber industry	160
Par	t III Regional and national impacts, 1860-1920	
7	The lumberman's assault on the forests of the Lake States, 1860-1890	193
	The Great Lakes setting	197
	Technical changes	201
	The social and economic organization of the lumber business	216
	Production	222
	The depletion of the forests	228
	The aftermath of depletion	230
8	The lumberman's assault on the southern forest, 1880-1920	238
	The northern invasion	239
	Technological changes	244
	Business and social organization	263
	Production	271
	Depletion	277
	Reforestation	285
9	The last lumber frontier: the rise of the Pacific Northwest, 1880-1940	289
	Experiment and change	289
	Tidewater lumbering, 1850-83	291
	Transition, 1883-99	296
	The long boom, 1900–40	309
	A new approach, 1933-45	328
10	Industrial impacts on the forest, 1860-1920	331
	Changes in fuel use	332
	Charcoal and the iron industry	337
	The railroads	344
11	Agricultural impacts on the forest, 1860-1920	353
	Clearing and making a farm	353
	The locale and extent of clearing	357
	Ohio: microcosm of forest clearing	361
	Early warnings	368
	Planting in the Plains	379
	Shelterbelts	386
Par	rt IV Inquiry and concern: questions about the forest, 1870–1933	
12	Preservation and management, 1870–1910	393
	"The day is coming"	393



Cambridge University Press 0521428378 - Americans and their Forests: A Historical Geography Michael Williams Table of Contents More information

	Contents	ix
	Are the forests worth preserving? 1870–90	395
	How should the forests be managed? 1890-1910	411
13	Ownership, supply, protection, and use, 1900-1933	425
	Who owns the forest?	425
	How much forest is left?	430
	How should the forest be protected?	447
	How should the forest be used?	456
	Transition	459
14	The rebirth of the forest, 1933 and after	466
	The rebirth of the forest	467
	Epilogue: gains and losses	489
Notes		495
References		543
Index		585