

Cambridge University Press 978-0-521-63580-6 - Intellectual Property Rights and Biodiversity Conservation: An Interdisciplinary Analysis of the Values of Medicinal Plants Edited by Timothy Swanson Table of Contents More information

Contents

List of contributors		ix xi
Preface		
Ack	Acknowledgements	
1	Diversity and sustainability: evolution, information and institutions Timothy Swanson	1
Par	t A Plant communities and the generation of information	17
2	Chemical diversity in plants Linda Fellows and Anthony Scofield	19
3	Ethnobotany and the search for balance between use and conservation Jennie Wood Sheldon and Michael J. Balick	45
Par	rt B The value of plant-generated information in pharmaceuticals	65
4	The pharmaceutical discovery process Georg Albers-Schönberg	67
5	The role of plant screening and plant supply in biodiversity conservation, drug development and health care Bruce Aylward	93
6	The economic value of plant-based pharmaceuticals David Pearce and Seema Puroshothaman	127

vii



Cambridge University Press 978-0-521-63580-6 - Intellectual Property Rights and Biodiversity Conservation: An Interdisciplinary Analysis of the Values of Medicinal Plants Edited by Timothy Swanson Table of Contents More information

viii	Contents	
Part	C The institutions for regulating information from diversity	139
7	The appropriation of evolution's values: an institutional analysis of intellectual property regimes and biodiversity conservation <i>Timothy Swanson</i>	141
8	Preserving biodiversity: the role of property rights Ian Walden	176
Part	D The importance of cultural diversity in biodiversity conservation	199
9	Medicinal plants, indigenous medicine and conservation of biodiversity in Ghana Katrina Brown	201
10	Biodiversity and the conservation of medicinal plants: issues from the perspective of the developing world Mohamed Khalil	232
Inde	Y	254