

1. Record Nr.	UNINA9910972143903321
Titolo	The patterned peatlands of Minnesota / / H.E. Wright, Jr., Barbara A. Coffin, and Norman E. Aaseng, editors
Pubbl/distr/stampa	Minneapolis, : University of Minnesota Press, c1992
ISBN	9780816683666 0816683662 9781435605572 1435605578
Edizione	[1st ed.]
Descrizione fisica	1 online resource (372 p.)
Altri autori (Persone)	WrightH. E <1917-> (Herbert Edgar) CoffinBarbara AasengNorman E
Disciplina	574.5/26325
Soggetti	Peatland ecology - Minnesota Peatlands - Minnesota Human ecology - Minnesota
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Contents""; ""Glossary""; ""Foreword""; ""Preface""; ""Introduction""; ""Part I. Vegetation""; ""1. Peat Landforms""; ""2. Vegetation and Water Chemistry""; ""3. Ecological Development of Patterned Peatlands""; ""Color plates""; ""4. Bryophytes""; ""5. Rare Vascular Plants""; ""Part II. Fauna""; ""6. Large Mammals""; ""7. Small Mammals""; ""8. Bird Populations""; ""9. Amphibians and Reptiles""; ""Part III. Hydrology""; ""10. Surface Hydrology""; ""11. Groundwater Hydrology""; ""12. Impact of Ditching and Road Construction on Red Lake Peatland"" ""Part IV. Two Studies of Ecological Development""""13. Development of a Raised-Bog Complex""; ""14. The Myrtle Lake Peatland""; ""Part V. Human Influences""; ""15. The Archaeological and Ethnohistoric Evidence for Prehistoric Occupation""; ""16. The Red Lake Ojibwe""; ""17. Ditching of Red Lake Peatland During the Homestead Era""; ""18. Management of Minnesota's Peatlands and Their Economic Uses""; ""19. Peatland Protection""; ""Contributors""; ""Index""; ""A""; ""B""; ""C""; ""D""; ""E""; ""F""; ""G""; ""H""; ""I""; ""J""; ""K""; ""L""; ""M""; ""N""; ""O""; ""P"";

""R""; ""S""; ""T""; ""U""
""V""; ""W""; ""X""; ""Y""; ""Z""

Sommario/riassunto

The first in-depth examination of the ecological and political significance of the patterned peatlands of Minnesota, one of the largest peatland complexes in the world. Research conducted during the past decade has unraveled many secrets of the intricate peatland ecosystem, unique because it has been so little altered by human action and remarkable for its display of the complex adjustment of living organisms to their environment. The book describes the flora, vegetation, and animal life of the different patterned peatlands and considers the role of surface water and ground water in the development and differentiation of fens and raised bogs. Specific chapters explore the role of mammals, birds, and amphibians and reptiles in the peatland ecosystem. "A rich deposit of knowledge in the form of this book-a comprehensive treatment of the largest peatland area in the 48 contiguous United States. The editors of *The Patterned Peatlands of Minnesota* have organized its 19 chapters around five major themes: vegetation (including development. The *Patterned Peatlands of Minnesota* - the culmination of the efforts of all these scientists - establishes a benchmark for North American peatland ecology." Science "For all those who have any kind of interest in peatlands it ought to be very inspiring to have a book like this one, which is well illustrated, easy to read, and has a broad and comprehensive approach to ecology, development, management, and land use of peatlands. The knowledge presented is of great interest for scientists all over the world who desire condensed and easily accessible information about these unique peatlands." *Journal of Quaternary Science*
