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Nota di contenuto	Coal and Peat Fires: A Global Perspective; Captions for Front Cover Photos; Copyright; Dedication; Preface; Acknowledgments; Contents; List of Contributors; Chapter 1. Coal Formation and the Origin of Coal Fires; 1.1. The Formation of Coal; Introduction; Geologic Distribution of Coal Seams; Coal Swamps; Cyclothem; Coalification; Coal Composition; 1.2. Origin of Coal Fires; Introduction; Incidence of Coal Fires; Ignition and Propagation of Coal Fires; Control of Coal Fires; Conclusions; Acknowledgments; Important Terms; References; WWW Addresses: Additional Reading Chapter 2. Coal-Mining Techniques and Coal Fires2.1. Brief History of Coal Mining; Introduction; Evolution of Coal Mining; Coal-Mining Techniques; Coal-Mining Machines; 2.2. Underground Coal Mining;

Underground Mining; Methods of Coal Mining; The Special Case of Anthracite Mining; Ventilation; 2.3. Surface Coal Mining; Surface Mining; Contour Mining; Area Mining; Auger Mining; Mountain Top Removal; 2.4. Coal Mining and Coal Fires; Discovery and Investigation; Monitoring; Mine Atmosphere; Abatement; Acknowledgments; Important Terms; References; WWWAddresses: Additional Reading

Chapter 3. Spontaneous Combustion and Coal Petrology 3.1. Spontaneous Combustion and Coal Petrology; Introduction; Maceral Composition of Coal; Inorganic Matter in Coal; Microlithotypes; Lithotypes; Coal Rank; Coal Petrology and Spontaneous Combustion; Important Terms; References; WWWAddresses: Additional Reading;

Chapter 4. Coal and Ancient Man: Cremation at the Tschudi Burn, Chan Chan, Northern Peru; 4.1. Coal and Ancient Man; Introduction; Coal in Peru; Chan Chan; Metallurgical Furnace or Crematorium; Temperature of the Tschudi Burn; Calcium in the Soil; Sulfur in the Soil Fuel Ash Chemistry Oxide and Trace Element Data;  $^{14}\text{C}$  Date; Cremation in Society; Fuel for Cremation; Cremation at the Tschudi Burn; Discussion; References; WWWAddresses: Additional Reading;

Chapter 5. Geotechnical and Environmental Problems: Coal and Spontaneous Combustion; 5.1. Geotechnical and Environmental Problems; Introduction; Origin of Spontaneous Combustion; Spontaneous Combustion: Life and Human Health; Coal Seam and Colliery-Spoil Heap Fires; Control and Prevention of Spontaneous Combustion and Coal Fires; Examples of Spontaneous Combustion and Coal Fires; Conclusions

Acknowledgments Important Terms; References; Chapter 6. The Effects of Global Coal Fires; 6.1. The Global Catastrophe; Introduction; The Mining Hazard; Catastrophic Coal Fires; Discussion; Acknowledgments; Important Terms; References; WWW Addresses: Additional Reading;

Chapter 7. Environmental and Health Impacts of Coal Fires; 7.1. Environmental and Health Impacts of Coal Fires; Introduction; Environmental Consequences; Health-Related Effects; Discussion; Important Terms; References; WWW Addresses: Additional Reading;

Chapter 8. Analysis of Coal-Mine-Fire Gas; 8.1. Trace Gas Analyses Introduction

## Sommario/riassunto

This book is an atlas of coal combustion minerals from around the world. The minerals include those that condense from coal gass and those associated with combustion metamorphism due to burning coal, although minerals associated with the burning of coal in industrial processed are also included. The atlas is fully illustrated in color and include photos taken in the field, in the lab and SEM photos illustrating the intricate details of the minerals as well as mineral reactions. X-ray diffractograms, mineral and gas analyses, a detailed description of each phase identified, and some thermody

2. Record Nr.	UNINA9910164248303321
Autore	Polidori John William
Titolo	The Vampyre
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ISBN	1-5154-1479-5
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Descrizione fisica	1 online resource (22 pages)
Disciplina	823/.7
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Nota di contenuto	Intro -- Extract of a Letter from Geneva -- Introduction -- The Vampyre -- Extract of a Letter, Containing an Account of Lord Byron's Residence in the Island of Mitylene -- Account of Lord Byron's Residence.
Sommario/riassunto	The Vampyre is a short story written by John William Polidori and is a progenitor of the romantic vampire genre of fantasy fiction. The work is described by Christopher Frayling as "the first story successfully to fuse the disparate elements of vampirism into a coherent literary genre." Polidori's work had an immense impact on contemporary sensibilities and ran through numerous editions and translations.