



## Soil Degradation in simple Oak Coppice Forests of the Ahr-Eifel

By Dirk Mohr

Cuvillier Verlag Mrz 2004, 2004. Taschenbuch. Book Condition: Neu. 208x144x12 mm. Neuware - Simple oak coppice forests of the Ahr-Eifel are confronted with extensive soil degradation. Four complementary investigations were conducted to study the impact of the environmental factors 'relief position', 'slope gradient', 'red deer', 'wild boar', 'stand density' and 'stand composition' on soil degradation in the investigation area. Soil quality was assessed determining several physical, chemical and biotic soil properties in the upper soil (Ah-horizon) of twelve different oak forest sites. Relief position and slope gradient influenced soil degradation in the investigation area. The content of basic cations ( $K^+$ ,  $Ca^{2+}$ ,  $Mg^{2+}$ ) was significantly lower, the content of  $Al^{3+}$  significantly higher at leeward slopes than at windward slopes. Soil nutrient contents were lower and the  $Al^{3+}$  content higher at the slope position 'plateau' and at sites with high slope gradients than at the foot slope and sites with low inclinations. Red deer grazing and trampling enhanced soil degradation at a windward forest site. Soil moisture, water retention capacity ( $WRC_{max}$ ), nutrient availability and microbial activity were lower under the impact of red deer than in fenced enclosures. Opposite tendencies were found at a leeward forest site. The content of several soil...



**READ ONLINE**  
[ 1.17 MB ]

### Reviews

*It is a single of my personal favorite ebook. Better than never, though I am quite late in starting reading this one. I am effortlessly getting a satisfaction of reading a published ebook.*

-- **Ms. Lavada Krajcik**

*Comprehensive guideline for book lovers. It can be filled with knowledge and wisdom I realized this publication from my dad and I suggested this pdf to find out.*

-- **Ted Schumm**

## See Also

---



### [Programming in D](#)

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers who are new to computer programming. Although...

---



### [The Java Tutorial \(3rd Edition\)](#)

Pearson Education, 2001. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Praise for "The Java' Tutorial, Second Edition" includes: "This book stands above the rest because it has..."

---



### [Peter Rabbit: the Angry Owl - Read it Yourself with Ladybird: Level 2](#)

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, Peter Rabbit: the Angry Owl - Read it Yourself with Ladybird: Level 2, Peter Rabbit: The Angry Owl Squirrel Nutkin has lost Old Brown's glasses and the owl is not happy! Will Peter...

---



### [Peppa Pig: School Bus Trip - Read it Yourself with Ladybird](#)

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, Peppa Pig: School Bus Trip - Read it Yourself with Ladybird, Peppa and her friends are going on a school bus trip. What adventures will they have when they visit the mountains? It...

---



### [Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird](#)

Paperback. Book Condition: New. Not Signed; This is a Tinga Tinga tale inspired by traditional stories from Africa. Lion is king of Tinga Tinga but he can't roar! Can his friend Flea help Lion to find his roar and behave more like...

---



### [A Dog of Flanders: Unabridged; In Easy-to-Read Type \(Dover Children's Thrift Classics\)](#)

Dover Publications, 2011. Paperback. Book Condition: New. No Jacket. New paperback book copy of A Dog of Flanders by Ouida (Marie Louise de la Ramee). Unabridged in easy to read type. Dover Children's Thrift Classic. Reprint of original edition. Green edition. Mineola...

---