# SCIENCE AS CULTURE

## CONTENIDO

## VOLUME 19, No. 4 DECEMBER 2010

'In recent times, the social effects of scientific discoveries and inventions have been so earth-shaking that a large number of journals has arisen, occupied by the social consequences of the natural sciences. Among the very best of these journals, in my opinion, is *Science as Culture*, and it has all my blessings.'

-the late Joseph Needham, FRS, FBA

Special Issue: NATURE'S ACCOUNTABILITY. Guest Editors: Sabine Höhler and Rafael Ziegler.

## **CONTENTS**

## 417 GUEST INTRODUCTION NATURE'S ACCOUNTABILITY:

Stocks and Stories.

Sabine Höhler and Rafael Ziegler.

#### 431 HISTORICIZING SUSTAINABILITY:

German Scientific Forestry in the Eighteenth and Nineteenth Centuries. *Richard Hölzl.* 

#### 461 ACCOUNTING ON GRASS:

Chemistry and Value in Nutriment in American Agricultural Improvement, 1835-1860.

Emily Pawley.

#### 483 CAPITALIZING ON GRASS:

The Science of Agrostology and the Sustainability of Ranching in the American West.

Jeremy Vetter.

#### 509 FROM HUNTING FISH TO MANAGING POPULATIONS:

Fisheries Science and the Destruction of Newfoundland Cod Fisheries. *Dean Bavington*.

### **529 KNOWING NATURE THROUGH MARKETS:**

Trade, Populations, and the History of Ecology. *Paul Erickson*.

#### 553 IN PURSUIT OF SINGULAR SALMON:

Paradoxes of Sustainability and the Quality Commodity. *Karen Hébert.*