

**Selected Library resources of the Combined Institute of Classical
Studies / Hellenic and Roman Library
The Classical World : Environmental resources**

ICS / HARL catalogue for books in the library

Subject headings / keywords / Classification

2 subject encyclopaedias / dictionaries

Selection of books to illustrate range of material

Greek and Latin texts in Digital Loeb Library

Book reviews & Bibliographic databases

Keeping up-to-date: Classicists List-serv – Podcasts - Blog

Presented by Paul Jackson and Sue Willetts

Quick Search

Title Institute of Classical Studies Library 

Search

- Author
- Title
- Author/Title
- Keyword: Simple | Advanced
- Subject Headings
- Classmark

Interact

Log in

to your account



to renew books and manage holds and for off-site access to electronic resources

Related organisations

- Hellenic Society
- Roman Society

Other Resources

- Electronic Resources
- Research Pro: cross-search selected eresources
- Aim25
- Library Hub Discover (formerly COPAC and SUNCAT)
- InforM25
- Union List of Serials
- More Library Catalogues

KEYWORDS to consider:

Agriculture: crops / soils / farming methods / animal husbandry

Ancient science includes Geography / weather / climate changes

Natural disasters – plague / eruption / volcano / earthquake

Vesuvius / Pompeii / Herculaneum

Ancient gardens / trees / plants / bio-archaeology inc. pollen remains

Ancient authors : consult Loeb series of classical texts in parallel translations. Groups include Agriculture / Natural science

Class-marks covering environment in ICS / HARL

75-97: Texts

104-116: Archaeology and local history

127F.1C: Hydraulic engineering

127F.1E: Land-surveying

127F.1F : Agriculture

127G: Geography (including meteorology and natural phenomena and travel)

140A: Bibliographies - Subject

152G: Outdoor antiquities - e.g. fishing, nature, hunting etc.

153D: Political economy, trade (incl. agriculture) - general

153E: " " " " " - Greek

153F: Political economy - Roman - general, fiscal & misc.

153F.1: " " " - Land economy & agriculture


222A-F: Maps and atlases

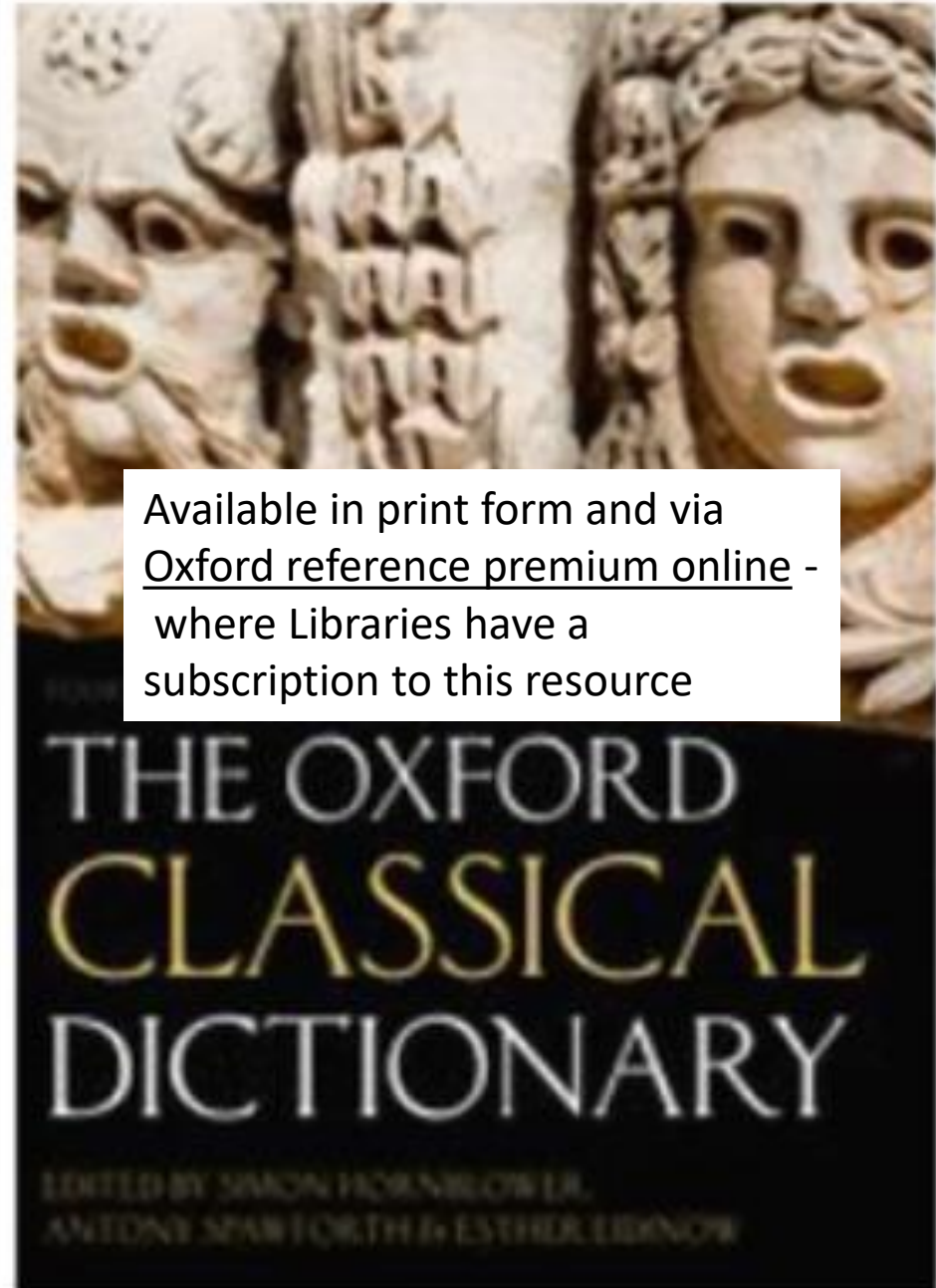
RICHARD STILLWELL
WILLIAM L. MACDONALD

The Princeton Encyclopedia of Classical Sites

Printed volume 1976.

[Also freely available online](#)

 PRINCETON LEGACY LIBRARY



Available in print form and via
[Oxford reference premium online](#) -
where Libraries have a
subscription to this resource

e.g. of volume showing data collected by travellers.

Chart showing weather conditions 1818-1819 William Goodisson, 1822:

A historical and topographical essay upon the islands of Corfù, Leucadia, Cephalonia, Ithaca, and Zante

DATE. — 1818.	Height of Thermometer at Noon.			WINDS.		Height of Barometer at Corfu.	WEATHER, AND GENERAL METEOROLOGICAL OBSERVATIONS.		
	Corfu.	Zante.	Cephalonia.	Zante.	Cephalonia.		CORFU.	SANTA MAURA.	CEPHALONIA.
October 25	66	64	71	NE.	S.	30 $\frac{1}{2}$ ₀	Clear.		Clear.
November 3	65	67	70	W.	NW.	30 $\frac{4}{10}$ ₀	Clear.	Slight earthquake at about twenty min. before 4, P.M.	Clear.
15	60	63 $\frac{1}{2}$	60	E.	S.	30 $\frac{3}{10}$ ₀	Rain in the night.	Fine, but cloudy.	Str ^r earthq. hf-past 5, P.M.
December 18	56	60	67	SW.	SE.	29 $\frac{1}{2}$ ₀	Heavy rain, th. & lt.		Smart shock of earthq. at 6, A.M.
22	56	58	55	N. E.	SE.	30 $\frac{5}{10}$ ₀	Clear.		Snow upon the Cephalonia Mountains.
1819.									
Jan. 1, 2, 3	47	45	44	N.&E.	N&E.	30 $\frac{5}{10}$ ₀	Clear.	Weather dry.	Ditto.
11	51	51	61	N.W.	NE.	30 $\frac{1}{10}$ ₀	Clear.	Smart earthquake at ten min. before 8, A.M.	Clear.
28	50 $\frac{1}{2}$	51	56	NW.	SE.	30	Cloudy.		Smart earthquake at a quarter before five.
May 8	72	70	73	N.W.		29 $\frac{1}{10}$ ₀	Cloudy.	Fine, high winds.	Smart shock of earthquake at 2, P.M.
9	71	70	74	E.		29 $\frac{1}{10}$ ₀	Cloudy.	Fine.	Shock of earthq. at 3, A.M.
12	64 $\frac{1}{2}$	66		S.		29 $\frac{1}{10}$ ₀	Shock of earthquake at 5 min. past 5, A.M.	Cloudy, wind & rain.	
19	69	69		S.				Slight Shock of earthq. at ten min. before 1, P.M.	

DATE. — 1819.	Height of Thermometer at Noon.			WINDS.		Height of Barometer at Corfu.	WEATHER, AND GENERAL METEOROLOGICAL OBSERVATIONS.		
	Corfu.	Zante.	Cephalonia.	Zante.	Cephalonia.		CORFU.	SANTA MAURA.	CEPHALONIA.
June .. 16	76		79		NE.	29 $\frac{1}{10}$ ₀	Slight shower, forenoon.		Clear.
19, 20, 21, 23	74		78m		W.	29 $\frac{1}{10}$ ₀	Heavy Rain.		Cloudy and showery with a little thunder
July ... 10	86	85	94	NW.	SW.	29 $\frac{1}{10}$ ₀	Clear.	Evening rather cloudy, wind high.	A S.E. wind came on at sun-set and occasioned great heat and closeness. Clouds in the southern horizon, with much lightning.
14	82	87	86	E.	SE.	29 $\frac{1}{10}$ ₀	Strong wind, heavy rain, thunder and lightning at night.	Fine.	Clear.
16	77	83	83	E.	W.	29 $\frac{1}{10}$ ₀	Clear.	A smart shock of earthquake at twenty-five min. past eleven A.M.	Clear.
18	79	80	82	NW.	W.	29 $\frac{1}{10}$ ₀		Wind high.	A few slight showers in the afternoon.
21, 22, 23	78m	82m	82m	S.	NW.	29 $\frac{1}{10}$ ₀	Rain, heavy night of 23d.		Serene.
August 20	78	82	78	NW.	NW.	29 $\frac{1}{10}$ ₀	A little rain.	Slight rain towards morning.	Cloudy, and one slight shower in the morning.
22	80	80	78	NW.	NW.	29 $\frac{1}{10}$ ₀	Ditto.	Fine.	Clear.
25	80	81	81	NW.	W.	30	Clear.		Slight earthquake at a quarter past five P.M.
26	79	82	81	SE.	SE.	30	A little rain.		Clear.
27		84	80	E.	SW.	29 $\frac{1}{10}$ ₀	Rain, and much thunder and lightning; much rain the remainder of the month.		Clear.
30	78	83 $\frac{1}{2}$	80	SE.	SW.	29 $\frac{1}{10}$ ₀	Heavy rain.	Slight rain and cloudy.	Clear.
31	77	82	80	NW.	SW.	29 $\frac{1}{10}$ ₀	Ditto.	Fine.	Rainy during the night.

THE
NATURAL HISTORY
OF
ALEPPO,
AND
PARTS ADJACENT.

CONTAINING
A DESCRIPTION of the CITY, and the Principal
NATURAL PRODUCTIONS in its Neighbourhood;

TOGETHER WITH
An Account of the CLIMATE, INHABITANTS, and DISEASES;
particular of the PLAGUE, with the Methods used by the
EUROPEANS for their Preservation.

By ALEX. RUSSELL, M.D.

LONDON:
Printed for A. MILLAR, in the Strand.
MDCCCLVI.

About eighteen miles south-east from *Aleppo*, is a large plain, which we generally call the *Valley of Salt*, bounded with low, rocky hills, so as to form a kind of natural basin, which keep in the rains descending from them, together with the water derived from a few springs in the neighbourhood, and cause the whole to be entirely covered with water in the winter. The extent and evenness of the surface, however, prevents this water from collecting to any great depth; so that it is soon evaporated, and leaves a cake of salt in some places not less than half an inch thick, but it is more or less in proportion to the quantity of rain that falls in the winter; and with this crust the

H

whole

MALARIA

*A neglected Factor in the History
of Greece and Rome*

BY
W. H. S. JONES, M.A.

WITH AN INTRODUCTION BY
MAJOR R. ROSS, F.R.S., C.B.

&
A CONCLUDING CHAPTER BY
G. G. ELLETT, M.B.



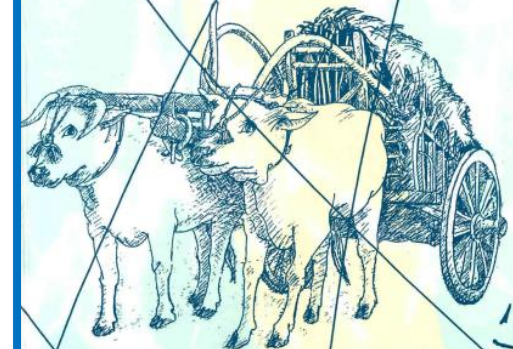
CLIMATE, DISEASE,
& THE END
OF AN EMPIRE

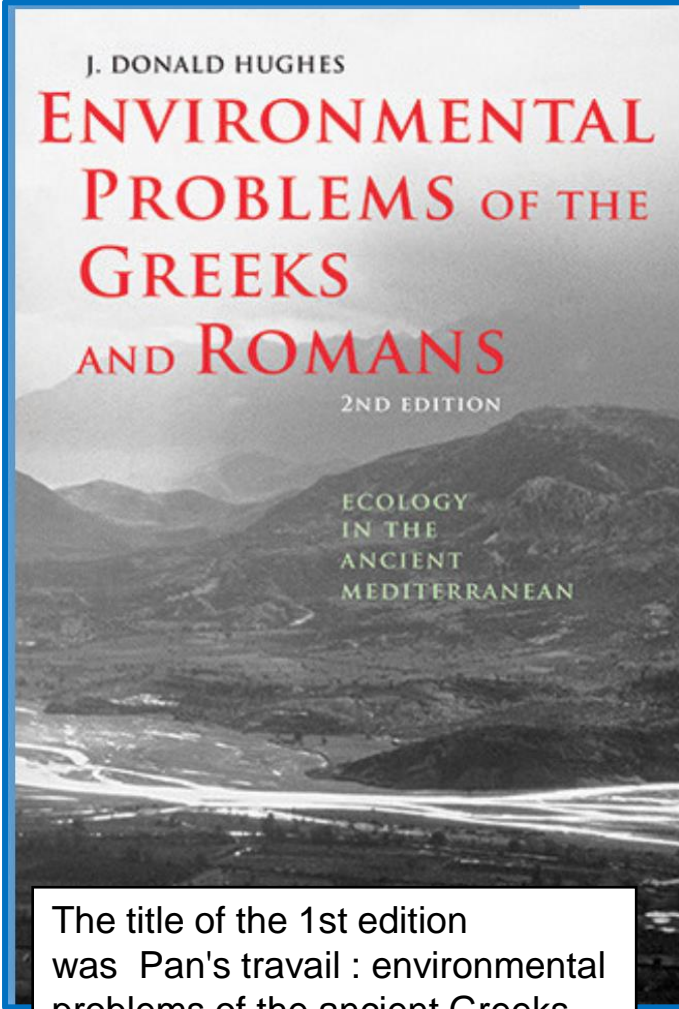
THE FATE OF ROME

KYLE HARPER

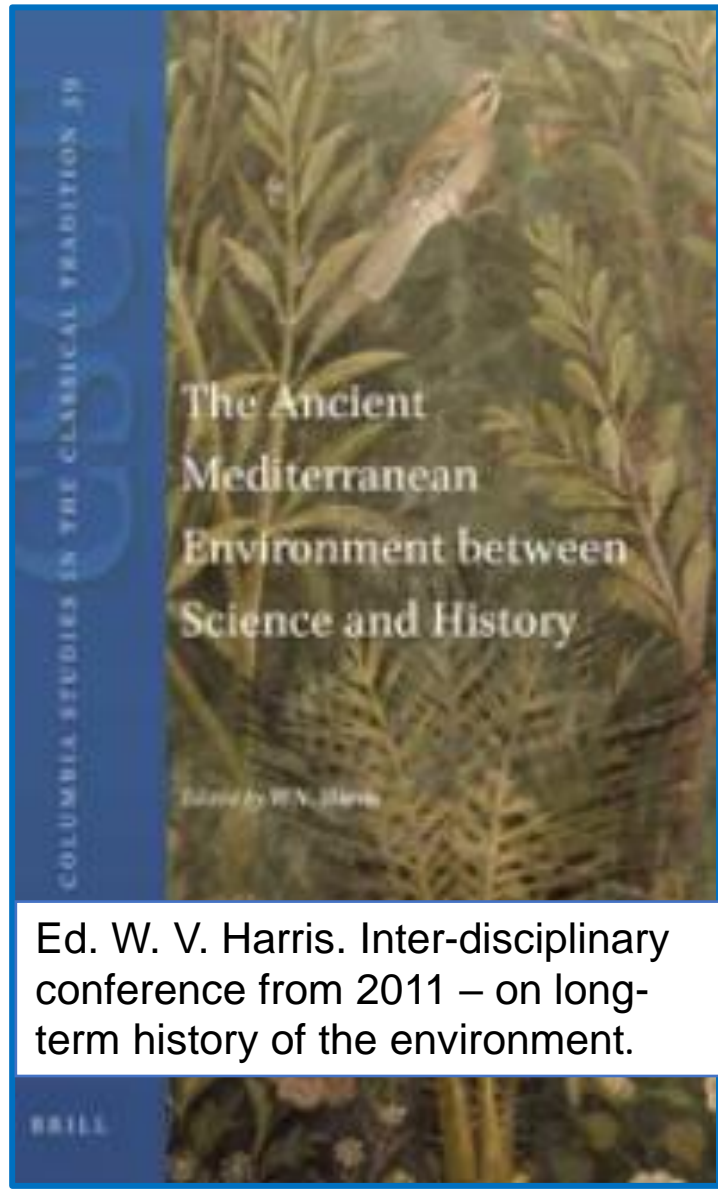
THE ENVIRONMENT AND THE CLASSICAL WORLD

PATRICIA JESKINS





The title of the 1st edition was Pan's travail : environmental problems of the ancient Greeks and Romans

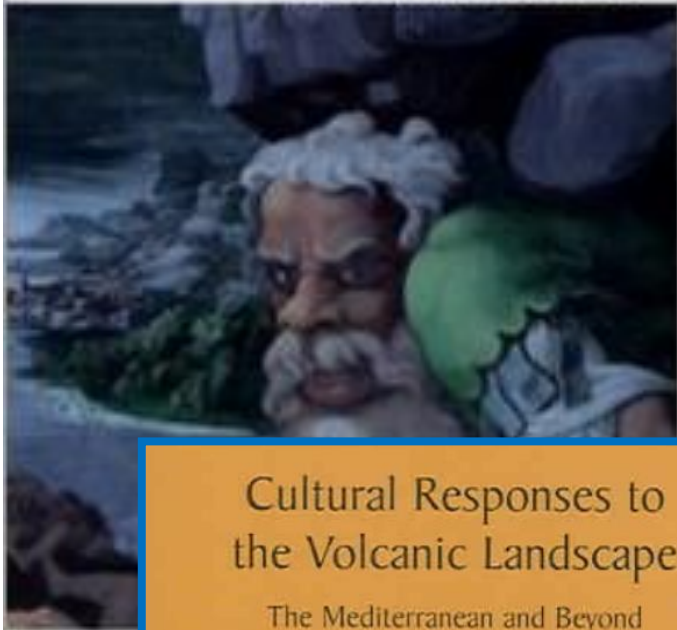


Ed. W. V. Harris. Inter-disciplinary conference from 2011 – on long-term history of the environment.

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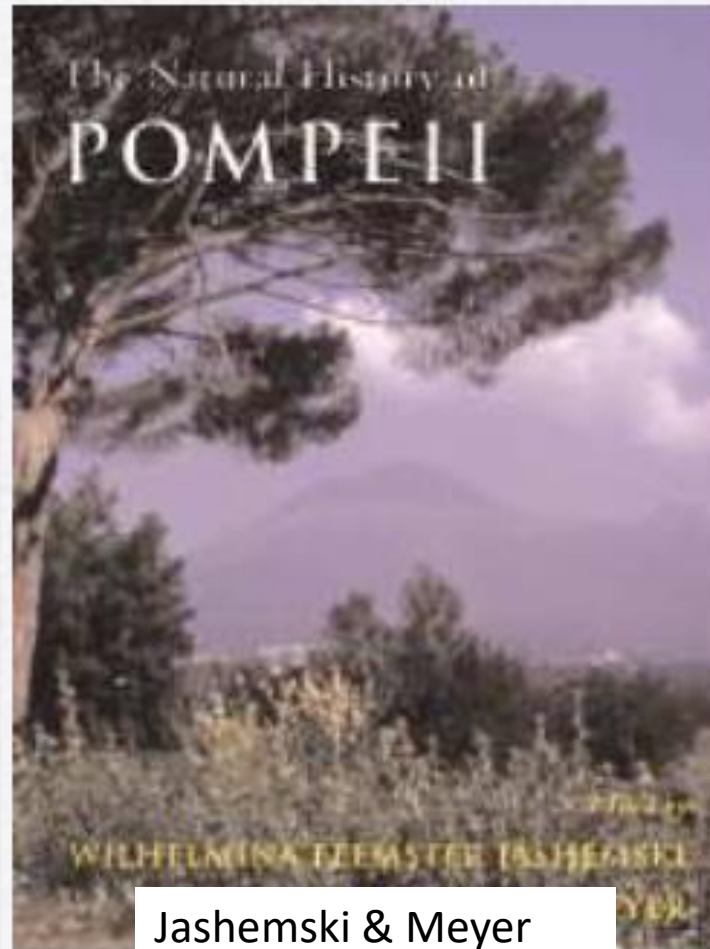
Catalogue of ancient earthquakes
in the Mediterranean area
up to the 10th century



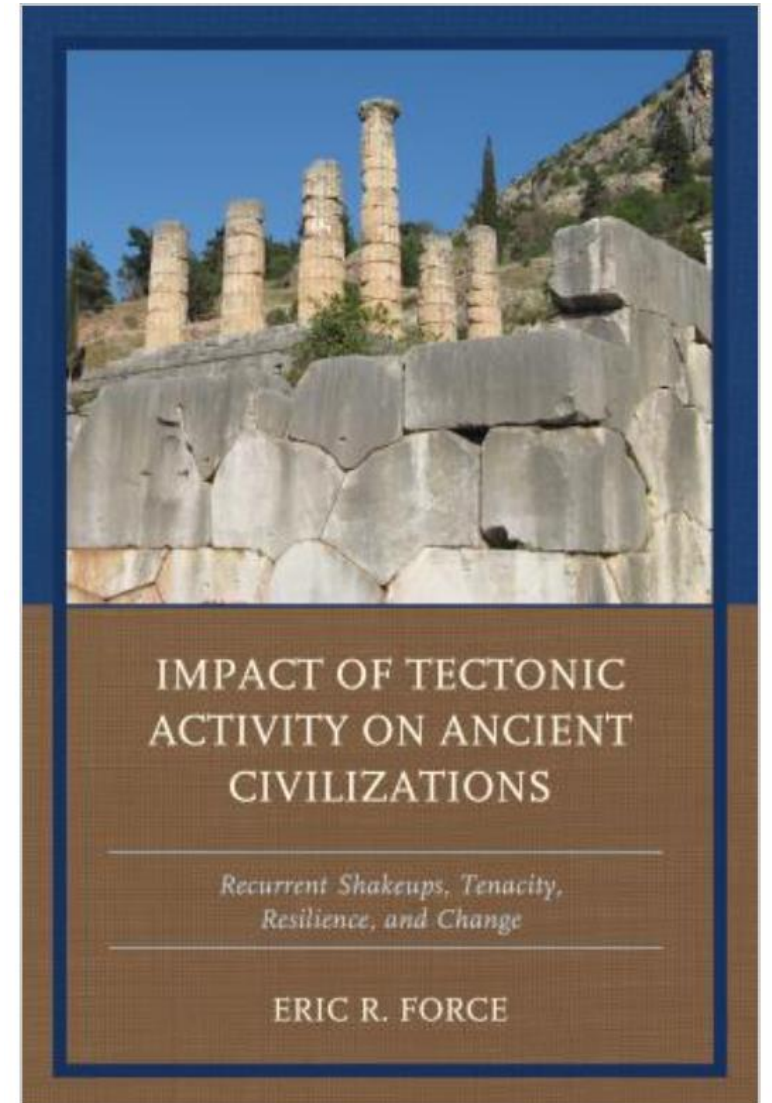
Cultural Responses to
the Volcanic Landscape

The Mediterranean and Beyond

Edited by
Miriam S. Balmuth, David K. Chester,
and Patricia A. Johnston

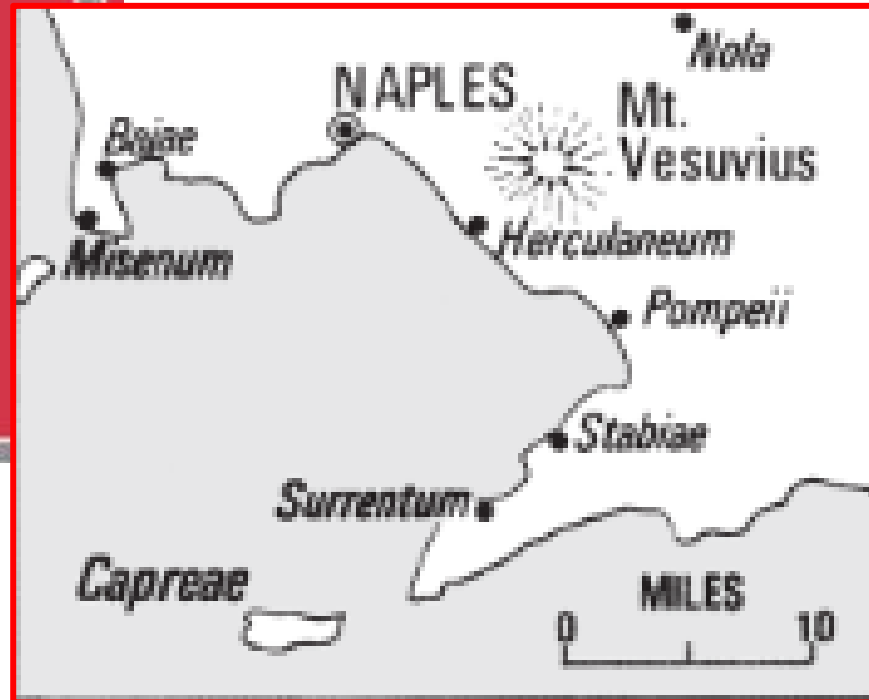


Jashemski & Meyer





The Younger Pliny was born in 61 or 62 CE. He was at Misenum at the time of the eruption of Vesuvius in 79. Good description of the event.



Pollution and the Environment in Ancient Life and Thought

Edited by Orietta Dora Cordovana
and Gian Franco Chiaï

Alte Geschichte

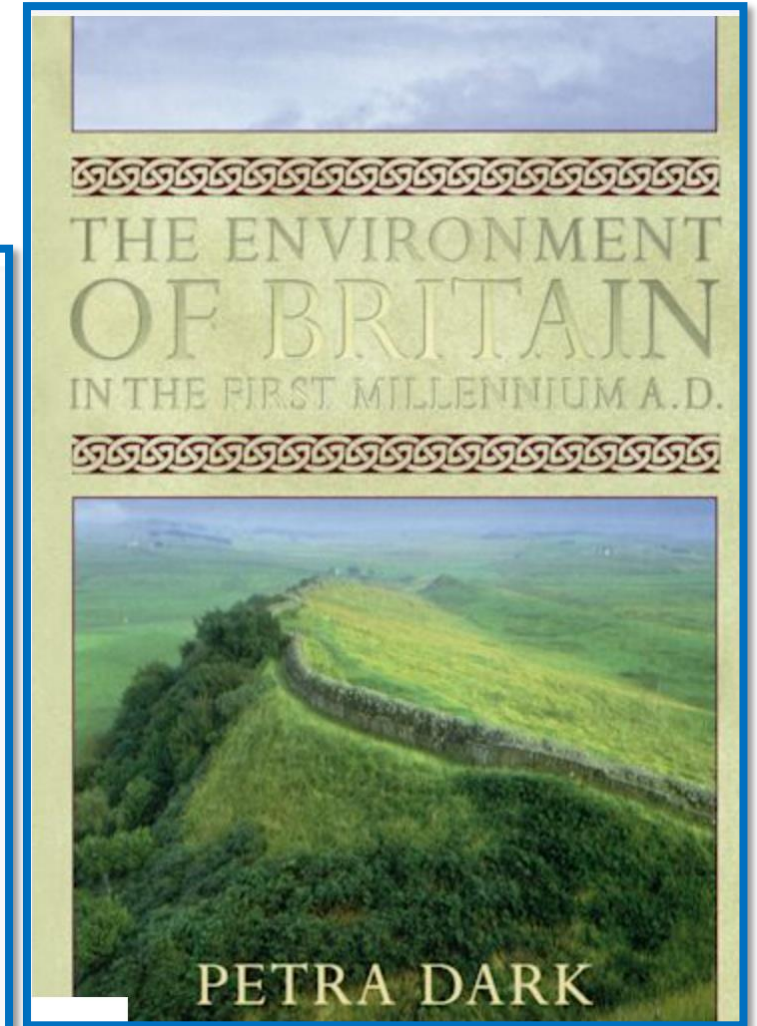
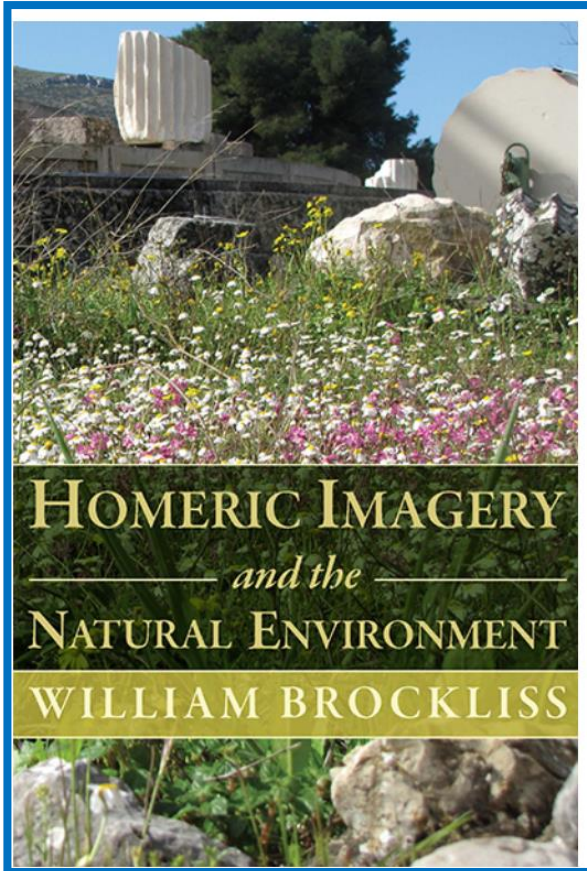
Franz Steiner Verlag

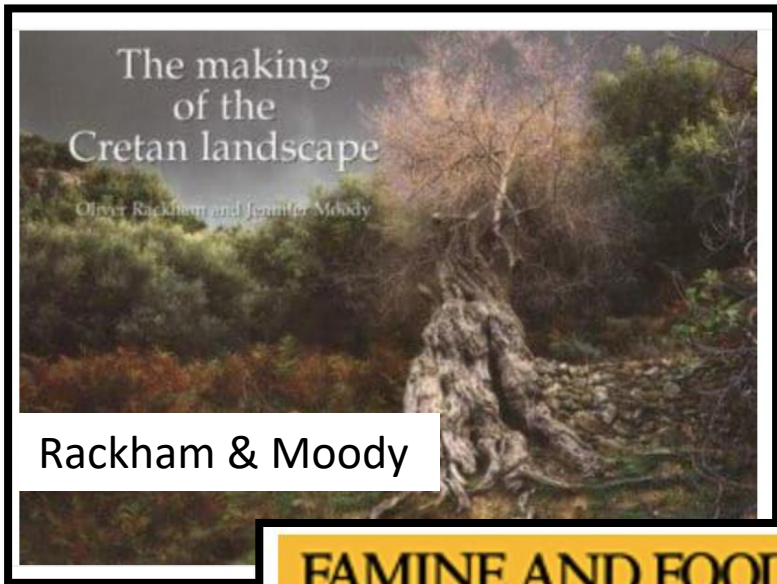
KEVIN WALSH

THE ARCHAEOLOGY OF MEDITERRANEAN LANDSCAPES

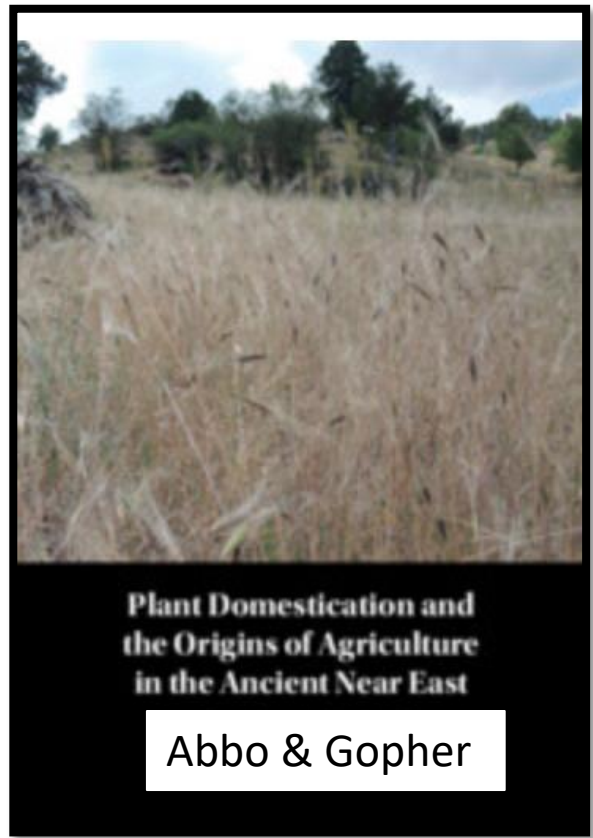
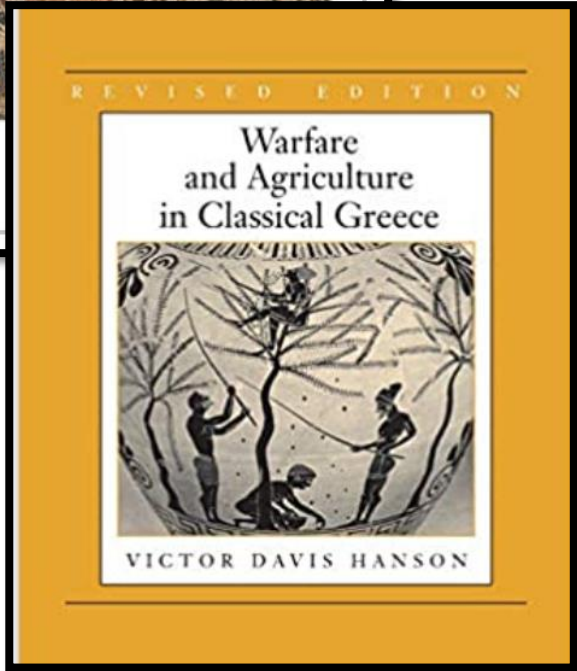
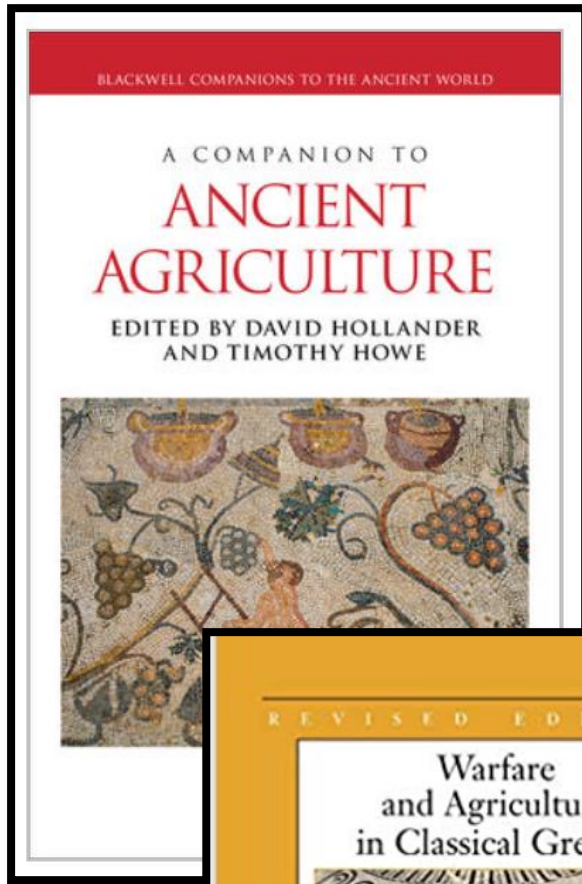
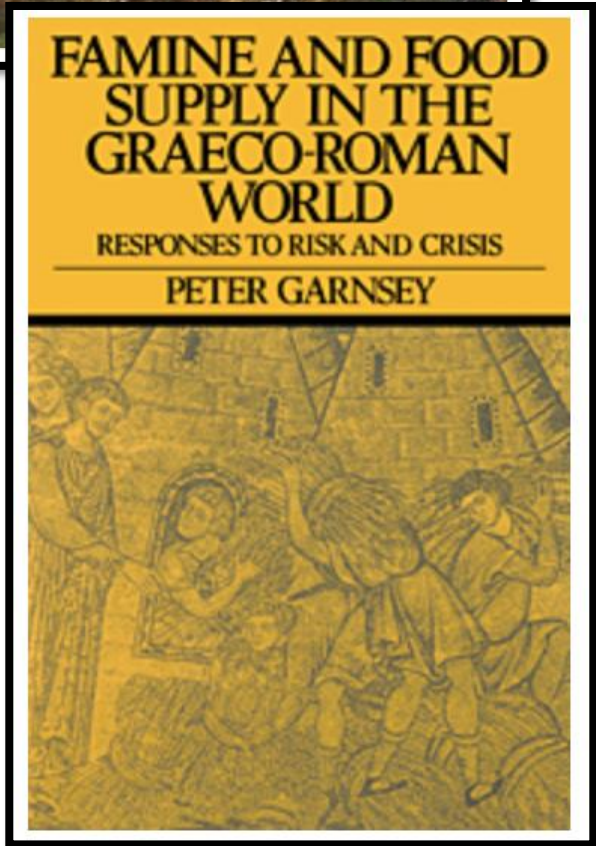
Human-Environment Interaction from
the Neolithic to the Roman Period

CAMBRIDGE





Rackham & Moody



Abbo & Gopher

ROMAN FARMING

K. D. White



Virgil
Georgics

A new translation by Peter Fallon

OXFORD WORLD'S CLASSICS

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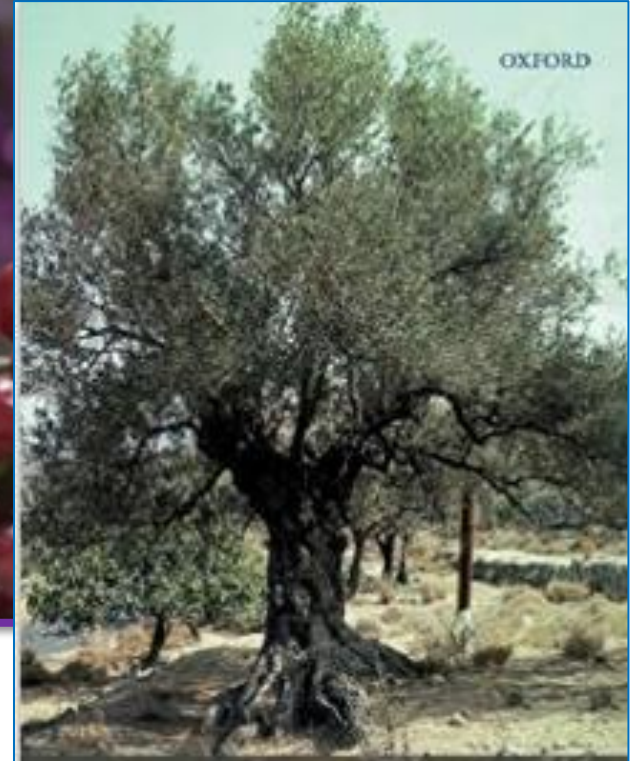
David L. Thurmond

From Vines to Wines in Classical Rome

*A Handbook of Viticulture and Oenology
in Rome and the Roman West*



OXFORD



LIN FOXHALL

Olive Cultivation in Ancient Greece
Seeking the Ancient Economy

In the heart of the olive-tree is seen a large stone of several hundred pounds' weight, which it has raised from the wall in its growth; a twig of the olive, when young, having gradually insinuated itself into the joints, where it ultimately took root; shewing the prodigious force of vegetation, and exhibiting one of the causes of the destruction of old buildings. The tree is probably three hundred years' old.

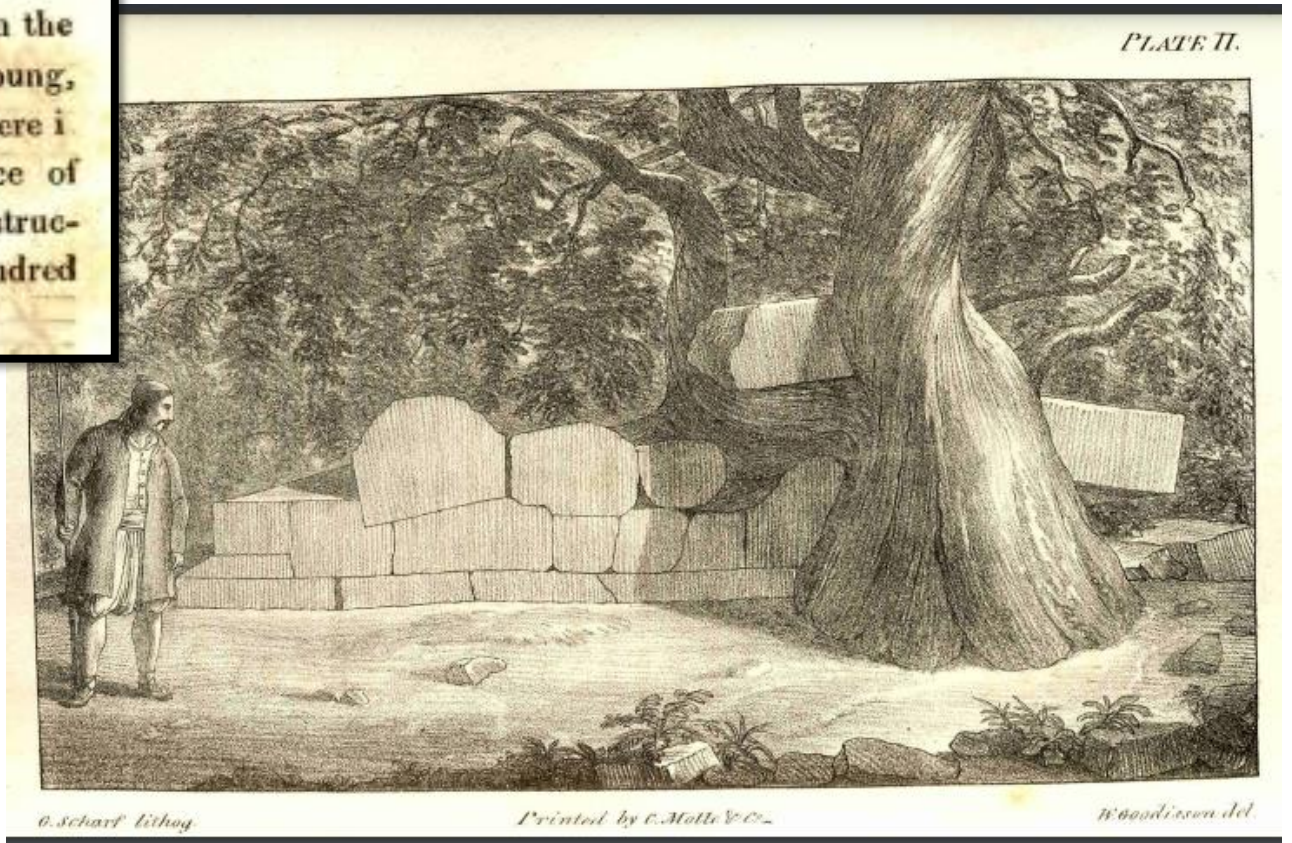
TREES AND TIMBER
IN THE ANCIENT
MEDITERRANEAN
WORLD

RUSSELL MEIGGS

SHEEP-REARING
AND THE WOOL TRADE

in Italy during the Roman period

JOAN M. FRAYN



A historical and topographical essay upon the islands of Corfù, Leucadia, Cephalonia, Ithaca, and Zante by William Goodisson, 1822

Other types of evidence:

Mosaics

Wall paintings

Papyri

Inscriptions

Architecture e.g. Tower of the Winds in Athens, Nileometers)

Mosaic from National Public Museum of Cherchell - Algeria, these 3 registers show oxen in an orchard, two bulls in an orchard and working with vines.

http://www.musee-cherchell.dz/Anglais/index_anglais.html





LOEB CLASSICAL LIBRARY

Founded by JAMES LOEB 1911 Edited by JEFFREY HENDERSON

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Advanced Search

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USING THE LIBRARY

Search Results

You are looking at 1 - 10 of 48 items for : environment ☒



Browse Authors

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z



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You are looking at 1 - 10 of 48 items for : environment ☒

Consider related words: - Also search in Latin or Greek

Landscape / Farming / Crops / Harvest / Agriculture /
Famine / Climate / Weather / Eruption / Vesuvius

Search by Genre / Subjects:

e.g Author Varro – assigned to Agriculture. Select to link to 18 other works Also consider: Astronomy / Geography /
Natural History / Meteorology / Pastoral / Physics / Zoology

PLUTARCH *Moralia. Causes of Natural Phenomena*

NATURAL PHENOMENA

CAUSES OF NATURAL PHENOMENA

I

Why does sea-water not provide trees with nourishment?

Is the reason the same as that for which it provides none for land-animals either, seeing that Plato,^a Anaxagoras, and Democritus^b think that a plant is an animal fixed in the earth? The fact that sea-water is nutritious for, and can be imbibed by, marine plants as well as fishes, does not immediately imply that it is also good for the plants and trees that grow on dry land. For one thing it is too thick to make its way into their roots, and for another it is too heavy to rise <up their stems>.^c There are many proofs that it is heavy and earthy, in particular the fact that it holds up and supports boats and swimmers more than fresh water does.^d

Or is it that trees are damaged above all by dryness, and sea-water has a drying effect? (This effect explains why salt is a safeguard against putrefaction,

BOOK I

**LUCIUS JUNIUS MODERATUS COLUMELLA ON
AGRICULTURE**

BOOK I

PREFACE

Again and again I hear leading men of our state condemning now the unfruitfulness of the soil, now the inclemency of the climate for some seasons past, as harmful to crops; and some I hear reconciling the aforesaid complaints, as if on well-founded reasoning, on the ground that, in their opinion, the soil was worn out and exhausted by the over-production of earlier days and can no longer furnish sustenance to mortals with its old-time benevolence.^a Such reasons, Publius Silvinus,^b I am convinced are 2
far from the truth; for it is a sin to suppose that Nature, endowed with perennial fertility by the creator of the universe, is affected with barrenness as though with some disease; and it is unbecoming to a man of good judgment to believe that Earth, to whose lot was assigned a divine and everlasting youth, and who is called the common mother

- Book reviews / review articles as a source

- JSTOR Journals – limit to subject areas / book reviews – includes our own journals

- Bryn Mawr Classical Review / <https://bmcr.brynmawr.edu/>

Danese et al. [*Acheruntica: la discesa agli Inferi dall'antichità classica alla cultura contemporanea*](#). Includes a contribution discussing places where natural phenomena such as earthquakes occurred often led to the creation of myths related to underworld deities and consequently places of worship arose around those areas. One to order!

- L'annee philologique <https://www.brepols.net/series/APH-O>

Available to ICS / Hellenic & Roman Society members) Database includes books, articles, book reviews

- Zenon DAI (free) - <https://zenon.dainst.org/>

- Gnomon (free) -

<https://www.gbd.digital/metaopac/start.do?View=gnomon&Language=en>

- TOCS-IN (free) <https://to-classics.info/tocs/tocs.html>

e.g. Bresson, Alain Review article: *Fates of Romes*. JRS 110 (2020) pages 233-246

The reference bibliography for academic publications relating to Ancient Greek and Roman Civilization

History & civilization

Non-literary sources
(Archeology, Epigraphy,
Numismatics, Papyrology
& Sigillography)

Philosophy
& the history
of ideas

Science &
technology

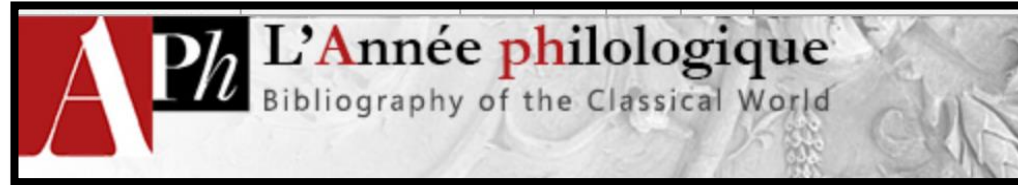
Law &
Justice

Textual
Transmission

Literature

Linguistics

Classical
Studies



1. **Simple Keyword** option: e.g environment*
2. **Advanced Thematic Search** using broad category - Earth Science, then narrower term Geography
OR Life Science & Technology then narrower term Agriculture
3. **Advanced Specific Search.** Enter Environment. Database offers Environment & Landscape
Result = over 700 refs. Refine by adding a term e.g. Climate – results = 23

Environment and society in the long late antiquity

ed. by Adam Izdebski  & Michael Mulryan 

(Leiden ; Boston (Mass.): Brill, **2019**)

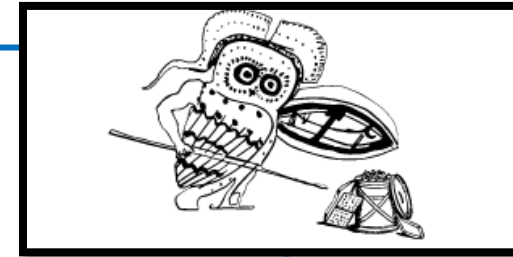
1 review(s)

The ancient origins of medieval fields: a reassessment

Tom Williamson 

The Archaeological Journal, 173.2 (**2016**) 264-287

GNOMON BIBLIOGRAPHIC DATABASE



<https://www.gbd.digital/metaopac/start.do?View=gnomon&Language=en>

- Advanced search: Subject heading: Environment = 1387 results
- Select an entry / find more detailed heading

Natur, Umwelt, Ökologie

= 503 results

Gnomon offers the ability to search over 2000 you-tube clips relevant to Classical Studies.

Use Subject (Heading) = you-tube. Then limit by keyword

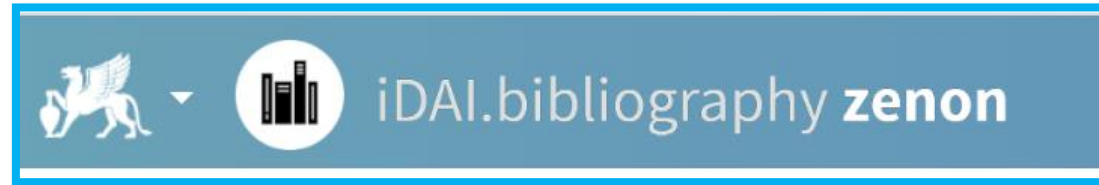
e.g. lecture by Edith Hall



Homer's Iliad and Environmental Catastrophe

Hall, Edith, 1959-
2022

Other freely available bibliographic databases



<https://zenon.dainst.org/> Strong on archaeological resources.

Uses keywords and / or subject headings.

[TOCS-IN](#) provides the tables of contents of a selection of Classics, Near Eastern Studies, and Religion journals

Search using 1 or 2 keywords



Online resources:

The Liverpool **Classics Mailing List** – Classicists (UK) which provides subscribers – free to register - with emails about Classics events worldwide, conferences, seminars and public lectures. See our Webpage / Library Resources / Open access resources / Podcasts etc for more details

Recent conference papers : Ancient plants; Nature and environment in Cicero's orations; Personifications of Natural Elements and Their Representations in Mosaics from the Peloponnese; Lead poisoning in ancient Rome; Ecological grief in ancient Mediterranean Culture; New approaches to the history of the plague in Late Antiquity – this last lecture was hosted by the [Centre for Ancient Environmental Studies at St. Andrews University](#) (3 Feb 2023)

Future events: GODSCAPES: Ritual, Belief and the Natural World in the Ancient Mediterranean and Beyond (June 27 – July 1, 2023) USA Vergilian Society/SCS 2024. [Green Vergil II: Nature and the Environment in Vergil and the Vergilian Tradition](#)

Podcasts / Blogs [The Sustainable Past](#). Began in 2021. Subjects covered include: Ancient healthcare & the natural environment; ancient environmental archaeology in relation to the Tiber river; environments mentioned in ancient Greco-Roman literature, and ancient conceptions of mountains; Ancient Roman Gardens.

[The Talking Humanities Blog](#) curated by SAS includes a post about the eruption of Pompeii, and another on how historic civilisations engaged with their changing environment.

Recent book launches / talks – e.g. [How to Academy](#). Peter Frankopan. *The Earth transformed: An untold story* – how a changing climate has shaped human history. 1.3.23 in conversation with Sir Tony Robinson.

Webpage: <https://library.ics.sas.ac.uk/> -
Membership information see tab Visiting the Library

Welcome to the Combined Classics Library

The Combined Library of the Institute of Classical Studies and the Hellenic and Roman Societies is a major resource for those working on research in the languages, literature, history, art, archaeology and philosophy of the ancient Greek and Roman worlds.

Search the catalogue

Contact details: iclass.enquiries@london.ac.uk