

Contents

Preface | 13

INTRODUCTORY ARTICLES

The Origins of Popular Science as a Rhetorical and Protreptical Practice

Jesús Muñoz Morcillo | 23

From Rational Recreation to Fun with Science. Continuities in the History of Science Popularization since the Enlightenment

Oliver Hochadel | 65

ON THE TRAIL OF POPULAR SCIENCE IN ANTIQUITY

Mythology and Rhetoric Exercises at the Greek School

José Antonio Fernández Delgado | 95

The Panathenaic Prize-Amphorae as Communication Media

Martin Streicher | 115

Popular Knowledge and its Rhetorical Use in Aristotle

María J. Martín-Velasco | 131

Ékphrasis as a Device for Knowledge

Dissemination in Euripides

Sara Matías Pérez | 151

Argument Schemes Related to Popular Science in the Second Sophistic

Maurice Parussel | 165

Knowledge about the Sea and its Creatures in the Roman Empire

Dorit Engster | 179

**The Celestial Axis in Manilius' *Astronomica*:
Making the Invisible Visible**
Matteo Rossetti | 215

BETWEEN PRE-MODERNITY AND THE AGE OF ENLIGHTENMENT

**Popular Mechanics: Hero of Alexandria
from Antiquity to the Renaissance**
Courtney Ann Roby | 231

**Knowledge Order and Knowledge Popularization
in Pre-Modern Encyclopaedism**
Mathias Herweg | 255

***Was Cometen Eygentlich Seyen.* Ways of Imparting Knowledge
about the Nature of Comets in Early Modern Ephemeral Literature**
Marion Gindhart | 285

**More Publicity through Very Short Books.
Epitomes in Late Antiquity and the Renaissance**
Markus Sehlmeyer | 315

**Pictorial Science and Enlightenment Art: Joseph Wright,
William Pether, and the Cognitive Effect of Grayscales**
Oliver Jehle | 345

MODERN TIMES: ARTS AND SCIENCES AND MEDIA

**Popularity Despite Anti-Popularization.
Thinking of Optical Drawing Devices in the Early 19th Century**
Erna Fiorentini | 367

Wilhelm Lübke. Art History for Feuilletons
Alexandra Axtmann | 391

**Popular Aesthetics of the 19th Century. Ornamental Prints
and Pattern Sheets as Actors for Popularization During the 1870s**
Elin Manker | 407

**Wassily Kandinsky's Conception of a Vibration of the Soul:
Art Theory at the Crossroads of Esoteric Literature,
Popular Science, and Aesthetics**

Beatrice Immelmann | 425

**Visual Nature Metaphors of Cybernetics
in Popular Science and the Arts**

Lena Trüper | 441

**From "The Destroyer of Worlds" to "Atoms for Peace" (and Back?).
The Discourse on Nuclear Power in US Popular
Science Magazines during the Early Cold War Era**

Lars F. Köppen | 461

**Iconophilia of the Brain, Stage 3: An Epistemic Regime,
the Popular Science Magazine *Gehirn & Geist*, and Visual Culture**

Dirk Hommrich | 477

**Watch and Learn! Image-Based Popularization of Academic
Reasoning and Scientific Action in Fictional Movies and Comics**

Kathrin Klohs | 497

**Innovative Popular Science Communication?
Materiality, Aesthetics, and Gender in Science Slams**

Miira Hill | 517

EPILOGUE

On Honey, VR Goggles, and Real Medicine | 547

About the Authors | 555

Index of Names and Terms | 559

