

Table of contents

- 9 **Foreword**
- 12 **Photography and Climate Change:
The Engine of Reflection, and Its Footprint**
Boaz Levin and Esther Ruelfs

26 **COPPER
AND THE
DAGUERREO-
TYPE** Sven Schumacher

44 **COAL
AND BITUMEN
FOSSIL
FUELS
AND
MOORLAND** Esther Ruelfs

68

PAPER
AND ITS
COATING:
COTTON,
PULP,
GELATIN,
AND CELLULOID

Boaz Levin

92

SILVER

Esther Ruelfs

106

THE
WEIGHT OF THE
CLOUD:

RARE
EARTHS,
METALS, ENERGY,
AND WASTE

Boaz Levin

- 121** **Extractive Operations: Copper and the Photographic Image**
Brett Neilson
- 131** **Bitumen**
Karen Solie
- 135** **The Eastman Kodak Silver Vault**
Siobhan Angus
- 145** **Kneeling before the Printer: Creativity, Sustainability, and Heaps and Heaps of Toner Cartridges**
Christoph Ribbat
- 151** **Digital Images and the Cost of Resource Extraction**
Nadia Bozak
- 161** **Ore, Lead, and Natural Resources as Power Factors**
Katrín Westner in conversation with Sven Schumacher
- 165** **Film as a Strategic Commercial Product for the ORWO Filmfabrik**
Rainer Redmann in conversation with Esther Ruelfs
- 171** **Paper, Its Materiality, and Transatlantic Trade**
Katherine “Kappy” Mintie in conversation with Boaz Levin
- 174** **Colophon**