## DISORIENTATION

- 20 -

# Bruno Latour and Dipesh Chakrabarty

When the Global Reveals the Planetary: **Bruno Latour Interviews Dipesh Chakrabarty** 

- 24 -

### Sonia Levy

For the Love of Corals: Life in the Ruins of the Museum

- 32 -

## Jan Zalasiewicz

The Anthropocene Square Meter

- 36 -

## Clémence Hallé and Anne-Sophie Milon

The Infinity of the Anthropocene:

A (Hi)story with a Thousand Names

- 44 -

## Robert Boschman

Climate Snap: At the Sign of the White Flower

- 50 -

## Karen Holmberg

Landing on the Terrestrial Volcano

- 56 -

### John Tresch

Around the Pluriverse in Eight Objects: Cosmograms for the Critical Zone

- 58 -

Richard Powers

The Story So Far

-70-

### Bruno Latour and Peter Weibel

Preface by the Editors and Acknowledgments

-8-

## Hortensia Völckers and Kirsten Haß

**Welcome Address of the German Federal Cultural Foundation** 

-11-

- 12 -

## DISCONNECTED

- 72 -

#### Pierre Charbonnier

"Where Is Your Freedom Now?" **How the Moderns Became Ubiquitous** 

-76-

### Paul Jobin

## **Extractivism in the Critical Zone**

- 80 -

## Timothy Mitchell

**Uber Eats:** 

**How Capitalism Consumes the Future** 

- 84 -

#### Steve Banwart

**Domesticating Soil in Earth's Critical Zone** 

- 89 -

#### Robert Boschman

Uranium City Series on Abandonment, **Two Field Trips** 

- 94 -

### Gerard de Vries

What on Earth Does Climate Have to Do with Law and Liberty?

**Revisiting Montesquieus Theory of Climate** 

- 102 -

#### Matthieu Duperrex

Landscape and Hybrid Sedimentology

-110-

#### Stefanie Rau

Words for a Tongue We Are Losing

- 112 -

## Joseph Leo Koerner

Geognosy

- 114 -



CRITICAL ZONES

- 118 -

Jérôme Gaillardet

The Critical Zone, a Buffer Zone, the Human Habitat

- 122 -

Alexandra Arènes

Traveling through the Critical Zone

-130 -

Marie-Claire Pierret

The Strengbach Catchment Environmental Observatory: A Needful Key for a Global Investigation of the Critical Zone

**- 136 -**

Susan L. Brantley

The Critical Zone Paradigm - A Personal View

- 140 -

Daniel D. Richter and Sharon A. Billings

Ansichten der Calzone:

**Views of the Calhoun Critical Zone Observatory** 

- 142 -

William E. Dietrich

The Critical Zone Revelation:

I Am in the Skin

**- 146 -**

Aleksandar Rankovic

**Exploring Trees, Soils, and Microbes** 

in the Streets of Paris

**- 150 -**

Simon Schaffer

**Beware of Precursors:** 

How Not to Trace the History of the Critical Zone

- 154 -

Bruno Latour

Sara Sze as the Sculptor of Critical Zones

- 158 -

Jeanne Etelain

This Planet Which Is Not One:

On the Notion of Zone

**- 160 -**

IV.

GAIA

- 164 -

Timothy M. Lenton and Sébastien Dutreuil

What Exactly Is the Role of Gaia?

- 168 -

Timothy M. Lenton and Sébastien Dutreuil

Distinguishing Gaia from the Earth System(s)

- 176 -

Sébastien Dutreuil

Gaia Is Alive

**- 180 -**

Bettina Korintenberg

Life in a Bubble:

The Failure of Biosphere 2 as a Total System

- 184 -

Pauline Goul

1610 Wood/Cut: The Anthropocene, Uprooted

-188 -

Alexander W. Schindler and Anne Schreiber

The Mechanical Discovery of Ultrastability

- 190 -

Anuradha Mathur and Dilip da Cunha

Wetness Is Everywhere;

Why Do We See Water Somewhere?

-192 -

Ali Gharib

The Star Trek Universe:

An Idealized Humanity in Virtualized Space

- 204 -

Siegfried Zielinski

The World as Organism and Machine:

Jesuit Geophysics in the Early Modern Era

**- 208 -**

Laura Dassow Walls

**Recalling Humboldt's Planet** 

- 212 -

V.

TERRESTRIAL

- 224 -

Isabelle Stengers

The Earth Won't Let Itself Be Watched

- 228 -

Verónica Calvo Valenzuela

**Tarabuco** 

- 236 -

Sarah Vanuxem

Freedom through Easements

- 240 -

Dorothea Condé and Pierre-Yves Condé

**Turning Sovereignty Upside Down** 

**- 247 -**

Estelle Zhong Mengual

The Point of View of the Mountain

**- 250 -**

Vinciane Despret

Inhabiting the Phonocene with Birds

- 254 -

Johanna Ziebritzki

Sensorium of the Earthbound

**- 260 -**

Hanna Jurisch

**Museum of Natural History** 

- 264 -

Emilie Hache

**Born from Earth: A New Myth for Earthbounds** 

**- 266 -**

VI.

DIVIDED

- 272 -

Bruno Latour

"We Don't Seem to Live on the Same Planet" -

A Fictional Planetarium

- 276 -

Mira Hirtz

**Embodied Constellation:** 

Reflection on the Seven Planets Exercise

- 282 -

Nikolaj Schultz

Life as Exodus

- 284 -

Daniel Irrgang

Transhumanist Eschatology

- 288 -

Simon Schaffer

On the Difficulty of Animating the Earth

- 292 -

Yohji Suzuki

Fabian in 1621, a Divided Soul

**- 296 -**

Emanuele Coccia

**Nature Is Not Your Household** 

**- 300 -**

Benedikte Zitouni

The Promises of the New Wetlands

- 304 -

Nikolaj Schultz

**New Climate, New Class Struggles** 

**- 308 -**

Joseph Leo Koerner

**Self-Portrait in Distress** 

-312-

Bettina Korintenberg, Rachel Libeskind,

Robert Preusse, Stefanie Rau

**Glossolalia: Tidings from Terrestrial Tongues** 

-318-

VII.

DEPICTION

- 326 -

Joseph Leo Koerner

**Nature Painting** 

- 330 -

Jennifer Gabrys

Sensing a Moving Planet

- 342 -

Bronislaw Szerszynski

The Grammar of Action in the Critical Zone

- 344 -

Lena Reitschuster

**Beyond Individuals: Lynn Margulis and** 

**Her Holobiontic Worlds** 

- 350 -

Olga Lukyanova

**Depicting Holobiont** 

- 354 -

Michael Flower

How to Visualize Cells as Overlapping

**Trajectories of Profiles** 

- 356 -

Jonathan Gray

The Datafication of Forests?

From the Wood Wide Web to the Internet of Trees

- 364 -

Anna Krzywoszynska

Soil Care Network:

**Caring for Soil as Building Relations** 

- 372 -

Daria Mille

Trajectories of Modernization in Russia:

**Artists Recalibrating the Sensorium** 

- 374 -

Pierre Wat

The Skin of the World

-380 -

VIII.

SUSPENDED

-382 -

Peter Weibel

My Earth Odyssey

- 386 -

Martin Guinard and Bettina Korintenberg

**Observatories for Terrestrial Politics:** 

Sensing the Critical Zones

- 402 -

Bruno Latour

**Neo Rauch's Unknown Masterpiece** 

- 430 -

Frédérique Aït-Touati

Arts of Inhabiting:

**Ancient and New Theaters of the World** 

- 432 -

Donna Haraway

**Carrier Bags for Critical Zones** 

- 440 -

**Authors' Biographies** 

**- 448 -**

Works in the Exhibition

Critical Zones: Observatories for Earthly Politics

- 457 -

**Index of Names**