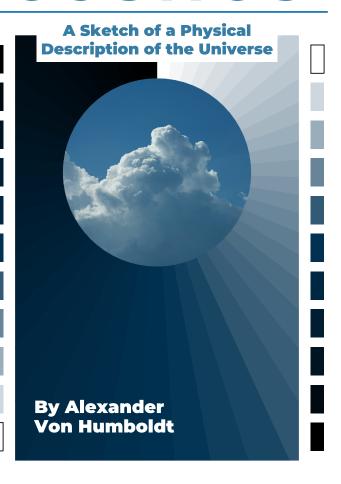
## COSMOS



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#### **COSMOS**

# A Sketch of a Physical Description of the Universe, Vol. 1

Alexander von Humboldt (1845) Translated by Elise C. Otté (1866) Edited by Marcelo Prates (2024)

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(where is my cyanometer? Saussure invented one, and Humboldt used it in his travels); land-

scape russet and greenish, spotted with fawncolored plowed lands, with green pine and gray or reddish oak woods intermixed, and dark-blue or slate-colored water here and there. It is greenest in the meadows and where water has lately stood, and a strong, invigorating scent comes up from the fresh meadows. It is like the greenness of an apple faintly or dimly appearing through the russet.

—— Henry David Thoreau in his *Journal*, May 1, 1853

## Contents

1	Introduction		5
	1.1	Reflections on the different	6
	1.2	Limits and Method of Exposition	108
2	Deli	ineation Of Nature	175
3	Cele	estial Phenomena	191
4	Side	ereal Systems	213
5	Plar	netary Systems	221
6	Con	nets	247

2	CONTENTS
7 Aerolites	287
8 Zodiacal Light	359
9 Translatory Motion of	381
10 The Milky Way	399
11 Starless Openings	409
12 Terrestrial Phenomena	415
13 Geographical Distribution	433
14 Figure of the Earth	441
15 Density of the Earth	459
16 Internal Heat of	467

477

485

531

17 Mean Temperature Of ...

18 Magnetism

19 Aurora Borealis

CONTENTS	3

20 Geognistic	
Phenomena	559
21 Earthquakes	565
22 Gaseous Emanations	605
23 Hot Springs	619

629

633

24 Salses

25 Volcanoes

4 CONTENTS

#### Chapter 1

### Introduction

1.1 Reflections on the different degrees of enjoyment presented to us by the aspect of nature and the study of her laws.

N attempting, after a long absence from my native country, to develop the physical phenomena of the globe, and the si-

multaneous action of the forces that pervade the regions of space, I experience a twofold cause of anxiety. The subject before me is so inexhaustible and so varied, that I fear either to fall into the superficiality of the encyclopedist, or to weary the mind of my reader by aphorisms consisting of mere generalities clothed in dry and dogmatical forms. Undue conciseness often checks the flow of expression, while