

CONTENTS

CHAP.	PAGE
I. Before Michell	1
John Bevis and <i>The History and Philosophy of Earthquakes</i> :	3
Élie Bertrand and the <i>Mémoires Historiques et Physiques sur les Tremblemens de Terre</i> .	8
II. John Michell	12
III. From Michell to Perrey	25
The Calabrian Earthquakes of 1783	25
The Chilian Earthquakes of 1822 and 1835 .	33
Forerunners of Perrey and Mallet	38
IV. Alexis Perrey	47
V. Robert Mallet and his Successors	65
Robert Mallet	65
Successors of Robert Mallet	81
VI. The Study of Earthquakes in Italy	87
Luigi Palmieri and the Vesuvian Observatory .	87
Timoteo Bertelli and the Founding of Microseismology	91
Contemporaries of Bertelli	93
Michele Stefano De Rossi and the <i>Bullettino del Vulcanismo Italiano</i>	95
Giuseppe Mercalli and the Regional Distribution of Earthquakes	104
Pietro Tacchini and the Central Office of Meteorology and Geodynamics	113
The Italian Seismological Society	116
VII. The Study of Earthquakes in Central Europe .	120
The Study of Earthquakes in Germany	121
The Study of Earthquakes in Austria	131
Seismological Committees in Switzerland and Austria	138

X		CONTENTS	
CHAP.		PAGE	
VIII.	The Study of Earthquakes in the United States .	143	
	The Charleston Earthquake of 31 Aug. 1886 .	148	
	The Californian Earthquake of 18 Apr. 1906 .	151	
	The New Madrid Earthquakes of 1811–12 and the Alaskan Earthquakes of 1899 . .	155	
IX.	Fernand de Montessus de Ballore	158	
X.	John Milne	177	
XI.	Fusakichi Omori	203	
	The Imperial Earthquake Investigation Com- mittee	203	
	Seikei Sekiya	208	
	Fusakichi Omori	210	
INDEX	231	