

1. Record Nr.	UNINA9910460185203321
Titolo	Early responses to the periodic system // edited by Masanori Kaji, Helge Kragh and Gabor Pallo
Pubbl/distr/stampa	New York, New York : , : Oxford University Press, , 2015 ©2015
ISBN	0-19-755946-8 0-19-020009-X 0-19-020008-1
Descrizione fisica	1 online resource (345 p.)
Collana	Oxford scholarship online
Disciplina	346/.8
Soggetti	Periodic table of the elements Periodic law Chemical elements Chemistry - History - 19th century Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previously issued in print: 2015.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Early Responses to the Periodic System; Copyright; Contents; List of Figures; List of Tables; Foreword; Acknowledgments; List of Contributors; 1 Introduction; Part I Discovery and Early Work on the Periodic System; 2 The Early Response to Mendeleev's Periodic System in Russia; 3 The Periodic System and Its Influence on Research and Education in Germany between 1870 and 1910; Part II Early Response at the Center of Chemical Research; 4 British Reception of Periodicity; 5 Mendeleev's Periodic Classification and Law in French Chemistry Textbooks Part III Response in the Central European Periphery6 Nationalism and the Process of Reception and Appropriation of the Periodic System in Europe and the Czech Lands; Part IV Response in the Northern European Periphery (Scandinavian Countries); 7 When a Daring Chemistry Meets a Boring Chemistry: The Reception of Mendeleev's Periodic System in Sweden; 8 Reception and Early Use of the Periodic System: The Case of Denmark; 9 Ignored, Disregarded, Discarded? On

the Introduction of the Periodic System in Norwegian Periodicals and Textbooks, c. 1870-1930s

Part V Response in the Southern European Periphery10 Chemical Classifications, Textbooks, and the Periodic System in Nineteenth-Century Spain; 11 Echoes from the Reception of Periodic Classification in Portugal; 12 Popular Science, Textbooks, and Scientists: The Periodic Law in Italy; Part VI Response Beyond Europe; 13 Chemical Classification and the Response to the Periodic Law of Elements in Japan in the Nineteenth and Early Twentieth Centuries; Index

---

Sommario/riassunto

Early Responses to the Periodic System is a collection of comparative studies on the reception, response, and appropriation of the periodic system of elements. This book examines the history of pedagogy and popularization in scientific communities, educational sectors, and popular culture from the 1870s to the 1920s. Fifteen historians of science explore eleven countries (and one region) central to chemical research, including Russia, Germany, the Czech lands, and Japan, one of the few nation-states outside the Western world to participate in nineteenth century scientific research.

---