

1. Record Nr.	UNINA9910138449803321
Titolo	Cell Metabolism : Cell Homeostasis and Stress Response // edited by Paula Bubulya
Pubbl/distr/stampa	Rijeka : , : InTech, , 2011 ©2011
ISBN	953-51-5201-7
Descrizione fisica	1 online resource (xi, 220 pages) : illustrations
Disciplina	574.8761
Soggetti	Cell metabolism Homeostasis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.

2. Record Nr.	UNINA9910154347103321
Autore	Fry Carolyn (Science writer)
Titolo	Seeds : a natural history // Carolyn Fry
Pubbl/distr/stampa	Chicago, [Illinois] : , : The University of Chicago Press, , 2016 ©2016
ISBN	0-226-22449-X
Descrizione fisica	1 online resource (193 pages)
Disciplina	581.4/67
Soggetti	Seeds Botany Natural history
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- CONTENTS -- Seed Banks Around the World -- Introduction -- CHAPTER 1. The Importance of Seeds to Humanity -- CHAPTER 2. How Plants Evolved on Planet Earth -- CHAPTER 3. How Seed Plants Reproduce -- CHAPTER 4. Dispersal Takes Seeds to New Pastures -- CHAPTER 5. Germination Brings Plants Back to Life -- CHAPTER 6. Using Seeds to Ensure Humanity's Survival -- Glossary -- Further Reading -- Picture Credits -- Index -- Acknowledgments
Sommario/riassunto	From the magnificence of a towering redwood to the simple elegance of a tiny dandelion, seed-bearing plants abound on planet Earth. The sheer diversity of plants thriving today is largely thanks to the evolution of the seed, as this made plants resilient to environmental changes by enabling them to await optimum conditions for growth before springing to life. In a time of declining biodiversity, studying seeds is now helping scientists preserve this plant diversity for future generations. With Seeds, Carolyn Fry offers a celebration of these vital but unassuming packages of life. She begins with a sweeping tour through human history, designed to help us understand why we should appreciate and respect these floral parcels. Wheat, corn, and rice, she reminds us, supply the foundations of meals eaten by people around the world. Countless medicines, oils, clothing materials, and building supplies are available only because of the versatility and variety of

seed-bearing plants. Fry then provides a comprehensive history of the evolution of seeds, explaining the myriad ways that they have adapted, survived, and thrived across the globe. Delving deeper into the science of seeds, she reveals the fascinating processes of dormancy, reproduction, germination, and dispersal, and showcases the estimable work conservationists are doing today to gather and bank seeds in order to prevent species from going extinct. Enriched by a stunning array of full-color images, *Seeds* offers a comprehensive exploration of some of the most enduring and essential players in the natural world.
