1. Record Nr. UNINA9910696233703321

Autore	Orszag Peter R
Titolo	Issues in climate change [[electronic resource]] : statement of Peter R. Orszag, Director, presentation for the CBO Director's Conference on Climate Change
Pubbl/distr/stampa	[Washington, D.C.] : , : U.S. Congressional Budget Office, , [2007]
Descrizione fisica	17 unnumbered pages : digital, PDF file
Soggetti	Global warming - Research - Law and legislation - United States Climatic changes - Research - Law and legislation - United States Carbon dioxide mitigation - United States Carbon dioxide sinks Greenhouse gas mitigation Environmental impact analysis United States Economic policy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on Nov. 26, 2007). "November 16, 2007."

2. Record Nr. UNINA9910373941503321

Titolo	The Lupin Genome / / edited by Karam B. Singh, Lars G. Kamphuis, Matthew N. Nelson
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-21270-X
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XVI, 186 p. 27 illus., 24 illus. in color.)
Collana	Compendium of Plant Genomes, , 2199-4781
Disciplina	633.367
Soggetti	Plant genetics Plant breeding Agriculture Plant Genetics and Genomics Plant Breeding/Biotechnology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction to lupins and their importance -- Lupin breeding – lessons from the past and prospects for the future -- Ecophysiology and genetic resources for genetic/genomic improvement of NLL -- NLL reference genome -- Cytomolecular insight into/Lupinus/ genomes -- NLL transcriptomics -- Molecular marker resources - Targeted towards Australian breeding program -- Syntenic relationships between NLL and other legume crops -- Exploiting NLL genomic resources to understand NLL domestication -- Genomic applications to dissect plant-microbe interactions -- Genomic applications to dissect flowering time control in NLL -- GBS-based genomic selection in white lupin -- Genomic efforts for L. luteus -- L. mutabilis genome and associated evolutionary analyses -- Genomic efforts to analyse repetitive elements in lupin species.
Sommario/riassunto	This book on lupin genomics primarily focuses on the narrow-leafed lupin (NLL), and details the genomic resources that have been developed and how they are currently being used to help advance both fundamental and applied research on NLL in areas ranging from its domestication to plant–microbe interactions and syntenic relationships

between NLL and other legume crops. It also reports on genomic efforts being pursued with regard to other lupin crops. Lupins are important ecological ‘engineers’: they can colonise and thrive in low-nutrient soils due to their ability to fix atmospheric nitrogen in symbiosis with bacteria and efficiently take up phosphorous. Recently, lupins have attracted considerable interest, not only because of their value for sustainable farming as a break crop, but also as a potential ‘super food’ for fighting major health issues in connection with diabetes and obesity. Narrow-leafed lupin is the main grain legume crop, grown primarily in Australia, and was therefore selected for the development of a reference lupin genome and associated genomic resources. Its genome has recently been sequenced with a focus on the gene-rich space, which has advanced the development of new breeding tools for the improvement of NLL and related lupin crops.