

1. Record Nr.	UNINA9910785592303321
Titolo	Encyclopedia of biological invasions [[electronic resource] /] / edited by Daniel Simberloff and Marcel Rejmanek
Pubbl/distr/stampa	Berkeley, : University of California Press, 2011
ISBN	1-283-33188-8 1-78034-887-8 9786613331885 0-520-94843-2
Descrizione fisica	1 online resource (790 p.)
Collana	Encyclopedias of the natural world ; ; 3
Altri autori (Persone)	RejmanekMarcel SimberloffDaniel
Disciplina	578.6/2
Soggetti	Biology Introduced organisms
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	-- X -- Xenophobia / Coates, Peter -- Z -- Zebra Mussel / Johnson, Ladd Erik -- 100 of the World's Worst Invasive Alien Species: A Selection From The Global Invasive Species Database -- Glossary -- Key References -- Index Front matter -- Contents -- Contents by Subject Area -- Contributors -- Guide to the Encyclopedia -- Preface -- A -- Acclimatization Societies / Lever, Christopher -- Agreements, International / Reaser, Jamie K . -- Agriculture / Davis, Adam S. / Landis, Douglas A. -- Algae / Smith, Jennifer E. -- Allelopathy / Inderjit -- Ants / Sanders, Nathan J. -- Apomixis / Koltunow , Anna M. / Okada, Takashi / Bicknell, Ross A. -- Aquaculture / Bartley, Devin M. -- Aquaria / Duggan, Ian C. -- Australia: Invasions / Low, Tim -- B -- Ballast / Carlton, James T. -- Bees / Goulson, David -- Belowground Phenomena / Wardle, David A. -- Biological Control, of Animals / Frank, J. Howard / Driesche, Roy G . Van / Hoddle, Mark S. / McCoy, Earl D. -- Biological Control, of Plants / Pitcairn, Michael J. -- Birds / Sodhi, Navjot S. -- Black, White, and Gray Lists / Burgiel, Stanley W. / Perrault, Anne M. -- Brown Treesnake / Perry, Gad / Rodda, Gordon H. -- Bryophytes and Lichens / Essl, Franz

/ Rabitsch, Wolfgang / Lambdon, Phil -- Burmese Python and Other Giant Constrictors / Reed, Robert N. / Rodda, Gordon H. -- C -- Canals / Gollasch, Stephan -- Carnivores / Barun, Arijana / Simberloff, Daniel -- Carp, Common / Sorensen, Peter W. / Bajer, Przemyslaw -- Cart and Related Methods / Jarošík, Vojtech -- Cheatgrass / Mack, Richard N. -- Climate Change / Dukes, Jeffrey S. -- Competition, Animal / Dickman, Christopher R. -- Competition, Plant / Gurevitch, Jessica -- CRABS / Gurevitch, Jessica -- Crayfish / Gherardi, Francesca -- Crustaceans (Other) / Ricciardi, Anthony -- D -- Daisie Project / Pyšek, Petr / Hulme, Philip E. / Nentwig, Wolfgang / Vilà, Montserrat -- Darwin, Charles / Cadotte, Marc W. -- Databases / Meyerson, Laura A. -- Demography / Horvitz, Carol C. -- Disease Vectors, Human / Lounibos, L. Philip -- Dispersal Ability, Animal / McDowall, R. M. -- Dispersal Ability, Plant / Schupp, Eugene W. -- Disturbance / Hobbs, Richard J. -- E -- Early Detection and Rapid Response / Westbrooks, Randy G. / Eplee, Robert E. -- Earthworms / James, Samuel W. -- Ecoterrorism and Biosecurity / Elferink, Emiel / Weijden, Wouter van der -- Elton, Charles S. / Simberloff, Daniel -- Endangered and Threatened Species / Primack, Richard B. -- Enemy Release Hypothesis / Blossey, Bernd -- Epidemiology and Dispersal / Hastings, Alan -- Eradication / Genovesi, Piero -- Eradication / Genovesi, Piero -- Eucalypts / Rejmánek, Marcel / Richardson, David M. -- Eutrophication, Aquatic / Engelhardt, Katharina A.M. -- Evolutionary Response, of Natives to Invaders / Strauss, Sharon Y. -- Evolution of Invasive Populations / Lee, Carol Eunmi -- F -- Fire Regimes / Klinger, Robert C. -- Fishes / Moyle, Peter B. / García-Berthou, Emili -- Flaviviruses / Mackenzie, John S. / Williams, David T. -- Forest Insects / Liebhold, Andrew M. / McCullough, Deborah G. -- Forestry and Agroforestry / Richardson, David M. -- Freshwater Plants and Seaweeds / Anderson, Lars W. J. -- Fungi / Desprez-Loustau, Marie-Laure / Rizzo, David M. -- G -- Game Animals / Brennan, Leonard A. / Bryant, Fred C. -- Genotypes, Invasive / Saltonstall, Kristin -- Geographic Origins and Introduction Dynamics / Novak, Stephen J. -- Grasses and Forbs / D'Antonio, Carla / Stahlheber, Karen / Molinari, Nicole -- Grazers / Forsyth, David M. -- Great Lakes: Invasions / Mills, Edward L. / Holeck, Kristen T. -- Gypsy Moth / Tobin, Patrick C. / Liebhold, Andrew M. -- H -- Habitat Compatibility / Steinmaus, Scott -- Hawaiian Islands: Invasions / Loope, Lloyd -- Hemlock Woolly Adelgid / Orwig, David A. -- Herbicides / DiTomaso, Joseph M. -- Herbivory / Evans, Mara A. / Strong-Jr., Donald R. -- Horticulture / Reichard, Sarah -- Hybridization and Introgression / Schierenbeck, Kristina A. -- Hydrology / Maitre, David Le -- I -- Influenza / Potter, C. W. -- Integrated Pest Management / Norris, Robert F. -- Invasibility, of Communities and Ecosystems / Fridley, Jason D. -- Invasional Meltdown / Holle, Betsy Von -- Invasion Biology / Davis, Mark A. -- Invasion Biology: Historical Precedents / Chew, Matthew K. -- Invasion Economics / Perrings, Charles -- Invasiveness / Rejmánek, Marcel -- Invertebrates, Marine / Carlton, James T. -- Islands / Lee, William G. -- K -- Kudzu / Simberloff, Daniel -- L -- Ladybugs / Evans, Edward W. / Snyder, William E. -- Lag Times / Crooks, Jeffrey A. -- Lakes / MacIsaac, Hugh J. -- Landscape Patterns of Plant Invasions / Stohlgren, Thomas J. -- Land Use / Hobbs, Richard J. -- Lantana Camara / Johnson, Stephen -- Laws, Federal and State / Miller, Marc L. -- Life History Strategies / Bufford, Jennifer L. / Daehler, Curtis C. -- M -- Malaria Vectors / Lambrechts, Louis / Cohuet, Anna / Robert, Vincent -- Mammals, Aquatic / Anderson, Christopher B. / Valenzuela, Alejandro E. J. -- Mechanical Control / Pickart, Andrea J. -- Mediterranean Sea: Invasions / Galil, Bella S. -- Melastomes / Meyer, Jean-Yves / Medeiros, Arthur C.

-- Mosquitoes / Lounibos, L. Philip -- Mutualism / Stachowicz, John J.
 -- Mycorrhizae / Pringle, Anne / Wolfe, Benjamin / Vellinga, Else -- N
 -- "Native Invaders" / Simberloff, Daniel -- New Zealand: Invasions /
 Towns, David R. / Lange, Peter de / Clout, Mick N. -- Nile Perch /
 Pringle, Robert M. -- Nitrogen Enrichment / Pasari, Jae R. / Selmants,
 Paul C. / Young, Hillary / O'Leary, Jennifer / Zavaleta, Erika S. -- Novel
 Weapons Hypothesis / Callaway, Ragan M. -- O -- Ostriculture /
 Ruesink, Jennifer -- P -- Parasites, of Animals / Sures, Bernd --
 Parasitic Plants / Heide-Jørgensen, Henning S. -- Pathogens, Animal /
 Hickling, Graham J. -- Pathogens, Human / Bol, Pieter -- Pathogens,
 Plant / Rúa, Megan A. / Mitchell, Charles E. -- Pesticides (Fish and
 Mollusc) / Yadav, Ram Pratap / Singh, Ajay -- Pesticides for Insect
 Eradication / Herms, Daniel A. / McCullough, Deborah G. -- Pesticides
 (Mammal) / Whisson, Desley A. -- Pet Trade / Jenkins, Peter T. --
 Phytophthora / Rizzo, David M. -- Pollination / Vázquez, Diego P. /
 Morales, Carolina L. -- Ponto-Caspian: Invasions / Shiganova, Tamara
 -- Predators / Clout, Mick N. / Russell, James C. -- Propagule Pressure
 / Duncan, Richard P. -- Protected Areas / Randall, John -- R -- Range
 Modeling / Jeschke, Jonathan M. -- Rats / Pascal, Michel -- Regulation
 (U.S.) / Windle, Phyllis N. -- Remote Sensing / Asner, Gregory P. /
 Huang, Cho-Ying -- Reproductive Systems, Plant / Barrett, Spencer C.
 H. -- Reptiles and Amphibians / Kraus, Fred -- Restoration / Young,
 Truman P. / Vaughn, Kurt J. -- Rinderpest / Dobson, Andy / Holdo,
 Ricardo M. / Holt, Robert D. -- Risk Assessment and Prioritization /
 Lonsdale, W. M. -- Rivers / García-Berthou, Emili / Moyle, Peter B. --
 Rodents (Other) / Simberloff, Daniel -- S -- Scope Project / Simberloff,
 Daniel -- Sea Lamprey / Sorensen, Peter W. / Bergstedt, Roger A. --
 Seas and Oceans / Grosholz, Edwin -- Seed Ecology / Leishman,
 Michelle R. / Harris, Carla J. -- Small Indian Mongoose / Hays, Warren
 -- Snails and Slugs / Cowie, Robert H. -- South Africa: Invasions /
 Richardson, David M. / Wilson, John R. / Weyl, Olaf L. F. / Griffiths,
 Charles L. -- Succession / Meiners, Scott J. / Pickett, Steward T. A. -- T
 -- Taxonomic Patterns / Lockwood, Julie L. / Virzi, Thomas --
 Tolerance Limits, Animal / Jiménez-Valverde, Alberto / Lobo, Jorge M.
 -- Tolerance Limits, Plant / Richards, James H. / Janes, Benjamin R. --
 Transformers / Ehrenfeld, Joan G. -- Trees and Shrubs / Richardson,
 David M. -- V -- Vegetative Propagation / Klimešová, Jitka -- Vines
 and Lianas / Harris, Carla J. / Gallagher, Rachael -- W -- Wasps /
 Beggs, Jacqueline -- Water Hyacinth / Hill, Martin / Coetzee, Julie /
 Julien, Mic / Center, Ted -- Weeds / Holt, Jodie S. -- Wetlands / Zedler,
 Joy B.

Sommario/riassunto

This pioneering encyclopedia illuminates a topic at the forefront of global ecology-biological invasions, or organisms that come to live in the wrong place. Written by leading scientists from around the world, Encyclopedia of Biological Invasions addresses all aspects of this subject at a global level-including invasions by animals, plants, fungi, and bacteria-in succinct, alphabetically arranged articles. Scientifically uncompromising, yet clearly written and free of jargon, the volume encompasses fields of study including biology, demography, geography, ecology, evolution, sociology, and natural history. Featuring many cross-references, suggestions for further reading, illustrations, an appendix of the world's worst 100 invasive species, a glossary, and more, this is an essential reference for anyone who needs up-to-date information on this important topic. Encyclopedia of Biological Invasions features articles on:• Well-known invasive species such the zebra mussel, chestnut blight, cheatgrass, gypsy moth, Nile perch, giant African snail, and Norway rat• Regions with especially large numbers of introduced species including the Great Lakes,

Mediterranean Sea, Hawaiian Islands, Australia, and New Zealand. • Conservation, ecological, economic, and human and animal health impacts of invasions around the world • The processes and pathways involved in invasion • Management of introduced species
