Record Nr. UNINA9910963136503321 Autore Guiasu Radu Cornel Titolo Non-native species and their role in the environment: the need for a broader perspective / / by Radu Cornel Guiasu Pubbl/distr/stampa Boston:,: Brill,, 2016 9789047426134 **ISBN** 9047426134 Descrizione fisica 1 online resource (328 p.) Disciplina 578.6/2 Soggetti Introduced organisms - Environmental aspects Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Note generali Description based upon print version of record. Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Preliminary Material / Radu Cornel Guiau -- Introduction / Radu Cornel Guiau -- The Troublesome Matter of Subjective Definitions / Radu Cornel Guiau -- The Dynamic Distributions of Species and the Static Concept of Native Range / Radu Cornel Guiau -- Speciation. Biodiversity, and Introduced Species / Radu Cornel Guiau -- The Controversies Regarding the Perceived Negative Impacts of Non-native Species / Radu Cornel Guiau -- Positive Contributions of Introduced Species / Radu Cornel Guiau -- Changing Ecosystems and Impacts of Introduced Species over Time / Radu Cornel Guiau -- The Endless War on Invasive Species - Control and Eradication Programs / Radu Cornel Guiau -- Some Conclusions and Some Questions / Radu Cornel Guiau -- Literature Cited / Radu Cornel Guiau -- Index / Radu Cornel Guiau. The young field of invasion biology - initially a branch of ecology and Sommario/riassunto conservation biology - has greatly expanded, particularly in the last two and a half decades or so. As a result, the potential negative effects of introduced species have been widely advertised and sometimes, perhaps, overemphasized. This book attempts to restore some balance to the current debate over the role of non-native species, by offering a

broader perspective, and taking a longer term, evolutionary look at these species and their impact in their new environments. The relatively arbitrary nature of terms such as \'native\' and \'non-native\', and the rather inconsistent ways in which such terms are applied to biological

species, as well as the subjective boundaries of so-called \'native ranges\' are analyzed. The role of non-native species in their new environments can be considerably more complex than the anti-introduced species information would often suggest. Thus, the more positive and nuanced perspective on introduced species and their impact offered in this book is much needed and long overdue.