

1. Record Nr.	UNINA9910136758603321
Autore	Van Driesche Roy
Titolo	Integrating Biological Control into Conservation Practice
Pubbl/distr/stampa	Wiley, 2016
ISBN	1-118-39258-2 1-118-39255-8 1-118-39257-4
Descrizione fisica	1 online resource (372 p.)
Altri autori (Persone)	SimberloffDaniel BlosseyBernd CaustonCharlotte HoddleMark MarksChristian O HeinzKevin M WagnerDavid L WarnerKeith D
Disciplina	577/.18
Soggetti	Introduced organisms - Control Pests - Biological control Invasive plants - Control Alien plants - Control Conservation biology Nature conservation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Designing a restoration plan using Connecticut River floodplain forests as a modelRestoring physical processes to suppress invasive plants; Assessing ecological impact of invasive species; Eradiation and containment of a serious invader; Biological control and breeding host resistance against pests and pathogens; Holistic ecological restoration and invasive species management; Biological control agents from other regions; Conclusion for Connecticut River watershed case study; Acknowledgments; References; Chapter 3 Matching tools to

management goals; Introduction; Eradication; Limiting spread
Local, or area-wide, temporary suppression of invaders Manual or
mechanical removal; Mass trapping; Hunting and bounties; Pesticides;
Behavior-modifying chemicals ; Area-wide, permanent suppression
through modification of ecosystem processes ; Changes in fire regimes;
Changes in flood level or duration; Changes in grazing regimes;
Changes in soil fertility levels; Replanting with native plants; Area-wide,
permanent control through natural enemy introductions ; Factors
affecting control efficacy; Invader biology; Ecological or geographic
features of the invaded ecosystem
Spotted-wing drosophila, in Hawaii, a hypothetical case (Rank 5:
unacceptably high risk)
