1.	Record Nr.	UNINA9910141614803321
	Titolo	Lobsters [[electronic resource]] : biology, management, aquaculture and fisheries / / edited by Bruce F. Phillips
	Pubbl/distr/stampa	Chichester, : Wiley-Blackwell, 2013
	ISBN	1-118-51744-X
		0-470-67113-0
		1-299-31380-9
		1-118-51752-0
	Edizione	[2nd ed.]
	Descrizione fisica	1 online resource (506 p.)
	Altri autori (Persone)	PhillipsBruce F
	Disciplina	595.3/84
	Soggetti	Lobsters
	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	Cover; Title page; Copyright page; Contents; Preface; Contributors; Chapter 1: Lobsters as Part of Marine Ecosystems - A Review; 1.1 Introduction; 1.2 Species overviews; 1.2.1 Western rock (spiny) lobster Panulirus cygnus; 1.2.2 The American lobster Homarus americanus; 1.3 How far have we come in thinking about lobsters as part of the ecosystem?; 1.3.1 Panulirus cygnus; 1.3.2 Homarus americanus; 1.4 Human role in ecosystem dynamics; 1.4.1 Institutional structures; 1.4.2 Direct effects of management; 1.4.3 Indirect effects - top-down forcing by predator removal
		1.4.4 Indirect effects - bottom-up forcing by bait subsidies1.4.5 Climate change impacts; 1.5 Single species to ecosystem management - how far have we come?; 1.5.1 Panulirus cygnus; 1.5.2 Homarus americanus; 1.6 Implications for management and research; 1.6.1 Top-down, bottom-up ecology; 1.6.2 Inclusive governance systems; 1.6.3 Stock rebuilding strategies; 1.6.4 Environmental drivers of settlement patterns; 1.6.5 Historical ecosystem structure; 1.7 Conclusions; References; Chapter 2: Genetics of Wild and Captive Lobster Populations; 2.1 Introduction; 2.2 Population structure
		2.2.1 Chaotic genetic patchiness2.2.2 Post-glaciation demographic expansions; 2.3 Species identification; 2.4 Applications of species identification and DNA barcoding to lobster research and management;

| Sommario/riassunto | This expanded and fully updated Second Edition of the most comprehensive and successful book on lobsters, comprises contributions from many of the world's experts, each providing core information for all those working in lobster biology, fisheries research and management and lobster aquaculture. Under the editorship of Bruce Phillips, the Second Edition of Lobsters: Biology, Management, Fisheries and Aquaculture delivers exhaustive coverage of these fascinating creatures, stretching from growth and development to management and conservation. A number of chapters from the First |