1.	Record Nr.	UNINA9910463137503321
	Autore	Rappole John H
	Titolo	The avian migrant : the biology of bird migration / / John H. Rappole
	Pubbl/distr/stampa	New York : , : Columbia University Press, , 2013
	ISBN	1-78539-271-9 0-231-51863-3
	Descrizione fisica	1 online resource (898 p.)
	Classificazione	WS 1000
	Disciplina	598.156/8
	Soggetti	Birds - Migration Migratory birds Electronic books.
	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 indexes.
	Nota di contenuto	Introduction -- Breeding period -- Post-breeding period -- Fall transient period -- Wintering period -- Spring transient period -- Population ecology -- Evolution, ornithogeography, and climate change -- Migratory birds and pathogen movement -- Connectivity and conservation -- Conclusions -- Appendix A. Population dynamics of periodic breeders -- Appendix B. Age-structured periodic breeders.
	Sommario/riassunto	The purpose of migration, regardless of the distance involved, is to exploit two or more environments suitable for survival or reproduction over time, usually on a seasonal basis. Yet individual organisms can practice the phenomenon differently, and birds deploy unique patterns of movement over particular segments of time. Incorporating the latest research on bird migration, this concise, critical assessment offers contemporary readers a firm grasp of what defines an avian migrant, how the organism came to be, what is known about its behavior, and how we can resolve its enduring mysteries.John H. Rappole's sophisticated survey of field data clarifies key ecological, biological, physiological, navigational, and evolutionary concerns. He begins with the very first migrants, who traded a home environment of greater stability for one of greater seasonality, and uses the structure of the annual cycle to examine the difference between migratory birds and their resident counterparts. He ultimately connects these differences to

evolutionary milestones that have shaped a migrant lifestyle through natural selection. Rather than catalogue and describe various aspects of bird migration, Rappole considers how the avian migrant fits within a larger ecological frame, enabling a richer understanding of the phenomenon and its critical role in sustaining a hospitable and productive environment. Rappole concludes with a focus on population biology and conservation across time periods, considering the link between bird migration and the spread of disease among birds and humans, and the effects of global warming on migrant breeding ranges, reaction norms, and macroecology.

2.

Record Nr.	UNINA9910823511003321
Autore	Jon Atli Benediktsson
Titolo	Spectral-spatial classififcation of hyperspectral remote sensing images / / Jon Atli Benediktsson, Pedram Ghamisi
Pubbl/distr/stampa	Boston : , : Artech House, , 2015
	[Piscataqay, New Jersey] : , : IEEE Xplore, , [2015]
ISBN	1-60807-813-2
Descrizione fisica	1 online resource (277 pages) : illustrations
Collana	Artech House Remote Sensing Library
Disciplina	621.36/78
Soggetti	Remote sensing
	Multispectral imaging
	Image processing - Digital techniques
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	This comprehensive new resource brings you up to date on recent developments in the classification of hyperspectral images using both spectral and spatial information, including advanced statistical approaches and methods. The inclusion of spatial information to traditional approaches for hyperspectral classification has been one of the most active and relevant innovative lines of research in remote sensing during recent years.nn This book gives you insight into several

important challenges when performing hyperspectral image classification related to the imbalance between high dimensionality and limited availability of training samples, or the presence of mixed pixels in the data. This book also shows you how to integrate spatial and spectral information in order to take advantage of the benefits that both sources of information provide.