1. Record Nr. UNINA9910453715103321

Titolo	Reproductive biology and phylogeny of birds . Part B : sexual selection, behavior, conservation, embryology and genetics / / edited by Barrie G M Jamieson
Pubbl/distr/stampa	Boca Raton, FL : , : CRC Press, an imprint of Taylor and Francis, , 2007
ISBN	0-429-07600-2 1-4822-8051-5 1-281-82758-4 9786611827588 1-57808-591-8
Edizione	[First edition.]
Descrizione fisica	1 online resource (543 p.)
Collana	Reproductive biology and phylogeny ; ; v. 6B
Disciplina	598
Soggetti	Birds - Phylogeny Birds - Reproduction 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 index.
Nota di contenuto	""Preface to the Series""; ""Preface to this Volume""; ""Contents""; ""1. Sexual Selection of Ultraviolet and Structural Color Signals ""; ""1.1 INTRODUCTION""; ""1.2 AVIAN UV COLOR VISION ""; ""1.3 UV/STRUCTURAL COLOR PRODUCTION ""; ""1.3.1 Iridescent Plumage ""; ""1.3.2 Non-iridescent Plumage ""; ""1.3.3 White Plumage ""; ""1.3.4 UV-reflecting Pigmented Plumage ""; ""1.3.5 Fluorescent Plumage""; ""1.4 MEASURING UV AND STRUCTURAL SEXUAL SIGNALS ""; ""1.5 SEXUAL SELECTION AND UV/STRUCTURAL SIGNALS ""; ""1.5.1 Avian UV Role Models ""; ""1.5.1.1 Zebra finches ""; ""1.5.1.2 Blue tits "" ""1.5.1.3 Bluethroats""""1.5.1.4 Recent UV/structural studies ""; ""1.6 SEXUAL SELECTION AND STRUCTURAL SIGNALS ""; ""1.7 SEXUAL SELECTION AND FLUORESCENT SIGNALS ""; ""1.8 WHY ARE UV/STRUCTURAL SIGNALS USED IN SEXUAL COMMUNICATION? ""; ""1.8.1 Private Signaling Channel ""; ""1.8.2 Light and Habitat Contrast ""; ""1.8.3 Receiver Biases for UV-Reflective Signals ""; ""1.8.4 Signals as Amplifiers of Mate Quality ""; ""1.8.5 Signals as Indicators of Mate

Quality ""; ""1.9 FUTURE CHALLENGES ""; ""1.10 ACKNOWLEDGMENTS""; ""1.11 LITERATURE CITED ""
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""3.5.2 Prospects for Odors Related to Kin Selection and Mating System ""

Sommario/riassunto

The second part of volume 6 discusses sexual selection of ultraviolet and structural signals; melanins and carotenoids as feather colorants and signals; sexual selection and auditory signaling; odors and chemical signaling; sexual dimorphism; sexual selection, signal selection and the handicap principle; courtship and copulation; sexual conflict and its implications for fitness; intra- and extra-pair paternity; parental care (including cooperative breeding); brood parasitism in birds; applications of reproductive biology to bird conservation and population management; embryogenesis and development; molecular genetics of avian sex determination and gonadal development. Many new illustrations are provided throughout the volume.