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Titolo	Reproductive biology and phylogeny of birds . Part B : sexual selection, behavior, conservation, embryology and genetics // edited by Barrie G M Jamieson
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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 ""

""2. Melanins and Carotenoids as Feather Colorants and Signals """"2.1 INTRODUCTION""; ""2.2 MECHANISMS OF PRODUCTION OF MELANIN AND CAROTENOID COLORATION ""; ""2.3 GENETIC AND ENVIRONMENTAL CONTROL ""; ""2.3.1 Genetic Control of Color Traits ""; ""2.3.2 Environmental Effects and the Information Content of Ornamental Coloration ""; ""2.3.2.1 Pigment access ""; ""2.3.2.2 Parasites""; ""2.3.2.3 Nutrition""; ""2.3.2.4 Social status and color ""; ""2.3.3 The Information Content of Pigment-based Color Signals ""; ""2.3.3.1 Morphs ""; ""2.3.3.2 Continuous variation in color display"" ""2.3.3.3 Degree of detail in single and multiple pigment signals """"2.4 THE FUNCTION OF CAROTENOID AND MELANIN COLORATION ""; ""2.5 BENEFITS TO ASSESSMENT OF PIGMENT DISPLAYS ""; ""2.5.1 Mate Choice ""; ""2.5.1.1 Direct benefits""; ""2.5.1.2 Good genes ""; ""2.5.1.3 Reproductive success ""; ""2.5.2 Status Signaling and Receiver Benefits ""; ""2.6 CHAPTER SUMMARY ""; ""2.7 ACKNOWLEDGMENTS ""; ""2.8 LITERATURE CITED""; ""3. Odors and Chemical Signaling""; ""3.1 INTRODUCTION""; ""3.2 ODORS DERIVED FROM THE ENVIRONMENT""; ""3.2.1 Plants ""; ""3.2.2 Heterospecific Animals"" ""3.3 ODORS DERIVED FROM BIRDS """"3.3.1 Odors, Chemical Signals and Pheromones""; ""3.3.2 Production of Avian Odors ""; ""3.4 SOCIAL CONTEXTS OF AVIAN ODORS""; ""3.4.1 Using Avian-derived Odors to Locate Home ""; ""3.4.2 Discrimination of Own-Nest Odor ""; ""3.4.3 Discrimination of Self, Conspecific and Mate Odor ""; ""3.4.4 Chicks, Parenting and Odor Learning ""; ""3.4.5 Odors Linked with Courtship or Other Displays""; ""3.5 IMPLICATIONS OF AVIAN ODOR AS A SIGNAL ""; ""3.5.1 A General Role for Honest Odor Signals in Birds?"" ""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.

2. Record Nr.	UNINA9910810578803321
Titolo	Advances in bone metastasis management // editors, Piero Picci, Pietro Ruggieri
Pubbl/distr/stampa	London, UK : , : Future Medicine, , [2012] ©2012
ISBN	1-78084-030-6
Descrizione fisica	1 online resource (141 p.)
Disciplina	616.99471
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di contenuto	Title page; Copyright page; Contents; Foreword. Advances in bone metastasis management; 1. Pathways to metastases: how do metastases develop in bone; 2. Metastatic spread to bone: the role of chemotherapy; 3. Bone stroma inhibition in prostate cancer; 4. Management of bone metastases in breast cancer; 5. Radiotherapy for bone metastases; 6. Bisphosphonates for bone metastases; 7. Surgical treatment for spinal metastases; 8. Surgical treatment for pelvic bone metastases; 9. Surgical treatment for metastatic pathological fractures 10. Palliative treatments: selective arterial embolization for bone metastases 11. Palliative treatments: electrochemotherapy and thermoablation; 12. Novel targeted therapies of bone tumors and future directions; Index
Sommario/riassunto	This book adopts a concise approach to the topic of bone metastasis management. It provides summarized information and updated references on the different aspects of metastasization, medical treatment, radiotherapy, surgical treatments and the newer palliative options. As such, the book does not presume to be comprehensive but instead offers an update on the newer concepts and treatments. The editors have gathered together a team of excellent authors to address the different aspects and concepts and to provide a unique multidisciplinary perspective on the key issues of metastatic disease and i

