

1. Record Nr.	UNINA9910782343703321
Autore	Jamieson Barrie G. M
Titolo	Reproductive Biology and Phylogeny of Birds, Part A : Phylogeny, Morphology, Hormones and Fertilization
Pubbl/distr/stampa	Boca Raton, FL : , : CRC Press, , 2011
ISBN	0-429-06158-7 1-4398-4275-2 1-281-82757-6 9786611827571 1-57808-590-X
Edizione	[First edition.]
Descrizione fisica	1 online resource (624 p.)
Collana	Reproductive biology and phylogeny Reproductive biology and phylogeny of birds
Disciplina	598
Soggetti	Birds -- Phylogeny Birds -- Reproduction Zoology Health & Biological Sciences Vertebrates Birds - Reproduction Birds - Phylogeny
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	""Preface to the Series""; ""Preface to this Volume""; ""Contents""; ""About the Series and Volume""; ""About the Series and Volume Editor""; ""1. Classification and Phylogeny OF Birds ""; ""1.1 INTRODUCTION ""; ""1.2 NON-PASSERINES ""; ""1.2.1 Basal Relationships ""; ""1.2.2 Palaeognathae ""; ""1.2.3 Galloanserae ""; ""1.2.3.1 Relationships within Gall iformes""; ""1.2.3.2 Relationships within Anseriformes ""; ""1.2.4 Neoaves ""; ""1.2.4.1 Monophyly of neoavian orders ""; ""1.2.4.2 Relationships between neoavian orders (or their monophyletic fragments) ""; ""1.2.4.3 Relationships within neoavian orders (or their monophyletic fragments) ""; ""1.2.4.4 Monophyly of neoavian families ""; ""1.2.4.5 Relationships within neoavian families ""; ""1.2.4.6 Monophyly of

neoavian genera ""; ""1.2.5 Classification of Non-passerines ""; ""1.3
 PASSERINES ""; ""1.3.1 Monophyly of Passeriformes ""; ""1.3.2
 Monophyly of Passerine Families and Genera ""; ""1.3.3 Basal
 Relationships within Passerines ""; ""1.3.4 Relationships within New
 World Suboscines ""; ""1.3.4.1 Furnarii ""; ""1.3.4.2 Tyranni ""; ""1.3.5
 Relationships within the Corvidan grade ""
 ""1.3.5.1 Menuroidea and other near-basal groups """"1.3.5.2
 Meliphagoidea and other groups outside Corvoidea ""; ""1.3.5.3
 Corvoidea ""; ""1.3.6 Relationships within Passerida ""; ""1.3.6.1 Groups
 not within any superfamily ""; ""1.3.6.2 Sylvioidea ""; ""1.3.6.3
 Certhioidea ""; ""1.3.6.4 Muscicapoidea ""; ""1.3.6.5 Passeroidea ""; ""1.4
 CONCLUSION ""; ""1.5 ACKNOWLEDGMENTS ""; ""1.6 LITERATURE CITED
 ""; ""2. Anatomy of the Testis and Male Reproductive Tract ""; ""2.1
 INTRODUCTION ""; ""2.1.1 Testis Shape, Asymmetry and Size ""; ""2.1.2
 Body Temperature and Testis Function in Birds ""
 ""2.1.3 Consistency and Structure of the Testis """"2.1.4 The Excurrent
 Ducts of the Testis ""; ""2.1.5 Blood Supply to the Reproductive Organs
 ""; ""2.2 THE TESTIS ""; ""2.2.1 The Testicular Capsule ""; ""2.2.2
 Seminiferous Tubules ""; ""2.2.3 Sertoli Cells ""; ""2.2.3.1 Functions of
 the Sertoli Cell ""; ""2.2.4 Interstitial Tissue of the Testis ""; ""2.2.4.1
 The boundary (peritubular) tissue ""; ""2.2.4.2 The interstitium "";
 ""2.2.4.3 The Leydig cell ""; ""2.2.4.4 Functions of the intertubular
 tissue ""; ""2.3 THE EXCURRENT DUCTS OF THE TESTIS ""; ""2.3.1 The
 Rete Testis""
 ""2.3.1.1 Surface features of the rete testis tubules/lacunae """"2.3.1.2
 The histology and ultrastructure of the rete testis cells ""; ""2.3.1.3
 Functions of the rete testis ""; ""2.3.2 The Efferent Ducts (Ductuli
 Efferentes) ""; ""2.3.2.1 Surface morphology of the efferent ducts "";
 ""2.3.2.2 Histology and ultrastructure of the efferent duct epithelia "";
 ""2.3.3 The Epididymal Duct Unit""; ""2.3.3.1 General organization and
 features ""; ""2.3.3.2 The ductus deferens and its modifications "";
 ""2.3.3.3 Surface features of the epididymal duct unit ""
 ""2.3.3.4 Histology of the epididymal duct unit ""

Sommario/riassunto

"Aspects of reproduction covered in this volume include classification and phylogeny as revealed by molecular biology; anatomy of the male reproductive tract and organs; anatomy and evolution of copulatory structures; development and anatomy of the female reproductive tract; endocrinology of reproduction; ovarian dynamics and follicle development; spermatogenesis and testicular cycles; avian spermatozoa: structure and phylogeny; testis size, sperm size and sperm competition and lastly, fertilization."--Provided by publisher.
