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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.