Contents

Foreword	Evolution of Castes in Insects BERNHARD RENSCH	1
Preface	Perception of Caste Problems WOLF ENGELS	3
Chapter 1	Sexual Castes and Reproductive Strategies in Termites CHARLES NOIROT (With 5 Figures)	5
Chapter 2	Regulation of Worker and Queen Formation in Ants with Special Reference to Reproduction and Colony Development ALFRED BUSCHINGER (With 4 Figures)	37
Chapter 3	Physiology and Reproduction in Social Wasps ALAIN STRAMBI (With 3 Figures)	59
Chapter 4	Reproduction and Castes in Social Halictine Bees CHARLES D. MICHENER (With 6 Figures)	77
Chapter 5	Castes in Xylocopine Bees CHARLES D. MICHENER (With 4 Figures)	123
Chapter 6	Castes and Reproduction in Bumblebees PETER-FRANK RÖSELER, COR G. J. VAN HONK (With 6 Figures)	147
Chapter 7	Caste Development, Reproductive Strategies, and Control of Fertility in Honey Bees and Stingless Bees WOLF ENGELS, VERA L. IMPERATRIZ-FONSECA (With 8 Figures)	167
Chapter 8	Differentiation in Reproductive Physiology and Behaviour During the Development of Laying Worker Honey Bees HAYO H. W. VELTHUIS, FRIEDRICH RUTTNER, ROBIN M. CREWE (With 3 Figures)	231
Chapter 9	Regulatory Steps in Caste Development of Eusocial Bees KLAUS HARTFELDER (With 2 Figures)	245
List of Contributors		

