Archives of Insect Biochemistry and Physiology 25:259 (1994)

Introduction

The papers published in this issue of *Archives of Insect Biochemistry and Physiology* were presented at the XIX International Congress of Entomology, Beijing, China, on June 29, 1992 in the session "Endocrine Regulation of Pheromone Production and Release." We would like to thank Prof. Lynn Riddiford, Prof. Jan Koolman and Prof. Cao Meixun, the conveners of the insect physiology sessions—Section 3, for organizing the sessions and for inviting us to present this symposium. We also acknowledge the editorial contribution of Dr. Richard T. Mayer, former Editor of *Archives of Insect Biochemistry and Physiology*, and the current Editor's continued support.

The papers presented here do not represent an exhaustive survey of the mechanisms insects employ to regulate pheromone production and release. Rather, they address different schemes utilized by representatives of Lepidoptera, Coleoptera, Diptera, and Dictyoptera to regulate pheromone production and release. These papers present current information on the roles of pheromone biosynthesis activating neuropeptide, juvenile hormone, and ecdysteroid in pheromone production for different groups of insects. The inhibition of pheromone production, calling behavior, and mating receptivity by factors associated with copulation are also discussed.

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