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Global Warming-Induced Shifts in Mulberry Insect Phenology and Population Dynamics

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Abstract: *Global warming is causing significant changes in various ecological systems, including insect populations. This paper investigates the impact of global warming on mulberry insect phenology and population dynamics. Mulberry trees (genus: Morus) serve as a critical resource for several insect species, making them an essential study system for understanding the ecological effects of climate change. This paper reviews existing literature, explores potential mechanisms driving shifts in insect phenology and population dynamics, and discusses the broader ecological implications of these changes. The findings highlight the complex interplay between temperature, biological interactions, and the reproductive success of mulberry insects. This research underscores the need for comprehensive strategies to mitigate the effects of global warming on insect populations and the ecosystems they inhabit.*

Keywords: Global warming.

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