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A Comprehensive Review of Bird Feeders: Their Types, Functions, and Impact on Granivorous Bird Populations

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Abstract: Bird feeders have become a popular feature in urban and suburban environments, providing supplementary food sources for avian populations, particularly granivorous birds. This comprehensive review explores the diverse world of bird feeders, encompassing their types, functions, and their intricate impacts on granivorous bird populations. We delve into the variety of bird feeder designs, from platform and hopper feeders to tube and suet feeders, each catering to the specific dietary preferences of different species. These feeders serve as crucial platforms for human-bird interactions, fostering a closer connection between individuals and their local avian wildlife. The review uncovers the multifaceted functions and benefits of bird feeders. Supplementary feeding helps sustain granivorous birds during resource-scarce periods, such as harsh winters, increasing their survival rates and reproductive success. Bird feeders not only facilitate birdwatching and community engagement but also serve as educational tools, nurturing a deeper understanding of avian biology and behavior.

Keywords: Bird feeders, Granivorous birds, Ecological impact, Supplementary feeding, Survival rates, Human-bird interactions, etc.

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