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Plant Invasions in Forest Ecosystems

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Forests are vital terrestrial ecosystems, valued for their ecological services, biodiversity conservation, and role in mitigating climate change. The invasion of alien plant species is profoundly altering forest structure and function, threatening ecological balance and sustainable management. This Reprint, entitled "Plant Invasions in Forest Ecosystems: Understanding Arrival, Expansion and Management", collates cutting-edge research to systematically examine the dispersal mechanisms and expansion dynamics of invasive plants, alongside their impacts on forest biodiversity, soil processes, and carbon and hydrological cycles. It further explores the interplay between invasive species and climate change and evaluates related strategies for monitoring, control, and ecological restoration. This Reprint serves as a scientific reference for researchers and land managers, aiming to advance the understanding and integrated management of plant invasions in forest ecosystems.

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