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Ployploidy in Plants

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Message from the Guest Editors

Polyploidy is a remarkable phenomenon common to the evolutionary history of all plants that can have profound effects on that lineage. The genomic turmoil concomitant with genome doubling and the redundancy inherent in polyploid species provide fodder for evolutionary novelty, often resulting in increased species diversification and/or phenotypic novelty.

Although the research community has made significant strides in understanding the patterns, processes, and consequences of polyploidy, questions remain regarding the “rules” of polyploidy. Modern polyploid research should, therefore, make a concerted effort toward both understanding all aspects and/or consequences of polyploidy for established model systems and also toward developing new models whose unique biology and evolutionary history may help elucidate the precepts governing this evolutionarily important phenomenon. For this Special Issue, we welcome articles that contribute to the global understanding of polyploidy, the patterns and processes that govern it, and the myriad outcomes of genome doubling.



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Special Issue



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Message from the Editor-in-Chief

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