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On the Cover: Leaves exhibit staggering diversity with respect to their overall size, serration, complexity, and shape. The shape of a leaf is ultimately determined by genetic and environmental factors. However, leaves also vary with respect to the developmental context within which they reside. For example, many species exhibit a heteroblastic leaf series in which the size and shape of leaves varies by node position. Additionally, species that possess compound leaves may display varying leaflet morphs along their rachis. Furthermore, the shape of leaves is in constant flux during their development, eventually stabilizing into a mature morphology. Accounting for these different factors to comprehensively describe leaf shape, especially within a quantitative framework to measure natural variation, is a challenging task often hampered by experimental constraints. In this issue, Chitwood et al. (pp. 1230–1240) leverage differences in developmental rate between wild tomato (*Solanum*) species to resolve the confounding effects of developmental stage and the heteroblastic series on leaflet shape. Shown in the cover image is a small fraction of the more than 11,000 leaflets from wild tomato species used in this study. The leaflets, which vary by color, size, shape, and serration, are arranged in the shape of a leaf from one of the documented species, *Solanum pimpinellifolium*. Photography by Dan Chitwood, Lauren Headland, and Ravi Kumar. Image design by Dan Chitwood.

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[C] Some figures in this article are displayed in color online but in black and white in the print edition.

[W] Indicates Web-only data.

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