

T H E
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ON THE COVER



Many plants alter the shape of their leaves depending on the environment, in a phenomenon called heterophylly. Nakayama et al. (pages 4733–4748) show that heterophylly in the North American lake cress *Rorippa aquatica* (Brassicaceae) is mediated by *KNOX1*-dependent regulation of gibberellin (GA) level. The *KNOX*-GA regulatory module responsible for species-to-species variation seems to have been recruited to determine the differential leaf morphology within a single species as well. The cover illustration by artist Sadamu Yoshizawa depicts the extent of heterophyllic morphological variation in *R. aquatica*.

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
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
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