



## Taxonomic status of *Pinus henryi* using multiplexed microsatellite markers

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**ABSTRACT.** The taxonomic status of *Pinus henryi*, a rare species endemic to China, is still ambiguous. In this study, the genetic relationships among *P. henryi* and its congeners (*P. tabulaeformis*, *P. tabulaeformis* var. *mukdensis*, and *P. massoniana*) were revealed using multiplexed microsatellite markers, including chloroplast microsatellites, nuclear microsatellites, and expressed sequence tag microsatellites. The results refute the hypothesis that *P. henryi* is a subspecies of *P. tabulaeformis* or *P. massoniana* and support the suggestion that it may be a distinct species closely related to *P. tabulaeformis*.

**Key words:** *Pinus henryi*; SSR markers; Narrow endemic; Taxonomic status