



Short Communication

Characterization of eight novel microsatellite markers in the green-lipped mussel *Perna viridis* (Mytilidae)

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ABSTRACT. The green lipped mussel, also known as the Asian green mussel (*Perna viridis*) is a fast reproducing and valuable food source, but it is also considered an invasive species and can clog and damage pipes and marine equipment. Eight novel polymorphic microsatellite loci for *P. viridis* were isolated and characterized. Microsatellite polymorphism was evaluated in 30 individuals collected from Xiamen, China. The number of alleles per locus and the polymorphism information content ranged from 2 to 5 and from 0.3092 to 0.7031, respectively. The observed and expected heterozygosities were 0.1538-0.8400 and 0.1448-0.6833, respectively. The loci identified in this study could provide a useful tool for the genetic population structure analysis of *P. viridis*.

Key words: Microsatellite; *Perna viridis*; Conservation genetics