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... Marine algae serve as particularly valuable model organisms for phylogeographic studies due to their widespread distribution, limited dispersal capabilities, and sensitivity to environmental changes (Hu et al., 2016; Muangmai et al., 2022; Song et al., 2025). Molecular techniques have revolutionized our understanding of marine algal phylogeography, uncovering cryptic diversity and complex biogeographic patterns previously undetected through morphological studies alone (Fraser et al., 2013; Muangmai et al., 2022; **Saengkaew et al., 2016**). ...

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## Comparative phylogeography and genetic connectivity of cryptic *Bostrychia binderi* (Rhodomelaceae, Ceramiales) species across Southeast Asia

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