

Supplementary Table S3. MtDNA *cox3*-based inter- and intra-specific genetic divergence in three *Colpomenia* species along the coast of China

	<i>C. peregrina</i>	<i>C. sinuosa</i>	<i>C. claytoniae</i>
<i>C. peregrina</i>	0.005 (0-0.061)	-	-
<i>C. sinuosa</i>	0.103 (0.102-0.113)	0.011 (0-0.019)	-
<i>C. claytoniae</i>	0.06 (0.056-0.061)	0.107 (0.102-0.113)	0.019 (0-0.031)

The matrix was generated from 63 *cox3* sequences with an aligned length of 620 bp. Values were mean genetic divergence and values in parentheses represented the range of genetic divergence.

Supplementary Table S4. MtDNA *atp6*-based inter- and intra-specific genetic divergence in three *Colpomenia* species along the coast of China

	<i>C. peregrina</i>	<i>C. sinuosa</i>	<i>C. claytoniae</i>
<i>C. peregrina</i>	0.004 (0-0.010)	-	-
<i>C. sinuosa</i>	0.114 (0.111-0.123)	0.005 (0-0.013)	-
<i>C. claytoniae</i>	0.06 (0.054-0.065)	0.128 (0.123-0.134)	0.027 (0-0.041)

The matrix was generated from 62 *atp6* sequences with an aligned length of 611 bp. Values were mean genetic divergence and values in parentheses represented the range of genetic divergence.

Supplementary Table S5. MtDNA *cox3*- and *atp6*-based mean genetic divergences among populations in *Colpomenia* along the coast of China

Please refer to the file linked to the website (<https://www.e-algae.org>).