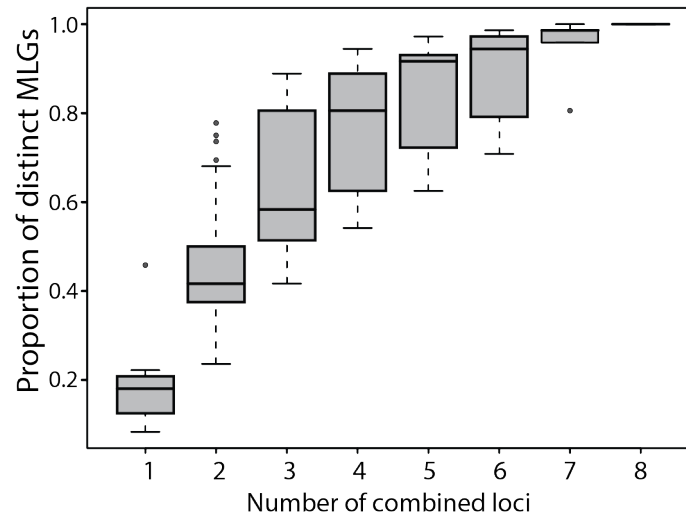
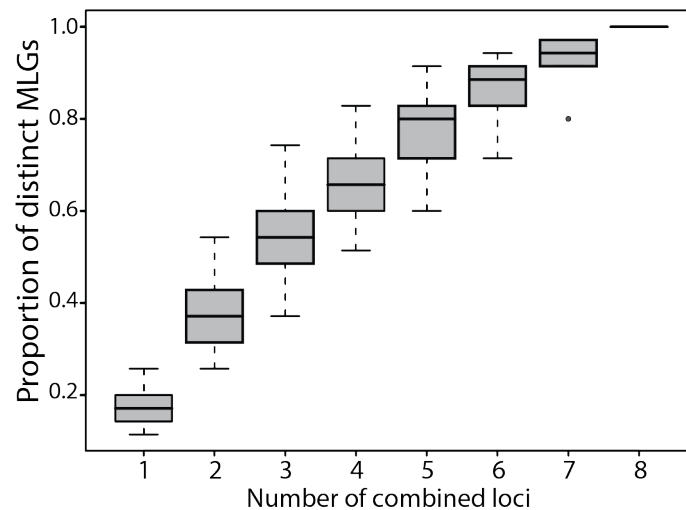


Supplemental Figure S1. Genotype accumulation boxplot showing the percent of unique multi-locus genotypes recovered for **A** *Cladocopium latusorum* and **B** *C. pacificum* based on increasing numbers of loci subsampled from the total dataset of 8 loci. Bars represent 95% confidence intervals.

A *Cladocopium latusorum* sp. nov.



B *Cladocopium pacificum* sp. nov.



Supplemental Figure S2. Multi-locus genotypes analyzed via STRUCTURE plot showing no overlap between *C. latusorum* and *C. pacificum* at K=3 and K=4. Partitioning of each species to these higher K values shows within-species subdivision. Further analyses, beyond the scope of this work, are needed to more accurately assess within-species population genetic structure.

