

# Island Botany

George Garnett

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*Muscari armeniacum*



*Hyacinthoides non-scripta*

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MITOGENOME ANNOUNCEMENT

The complete plastome of *Hyacinthoides non-scripta* (L.) Chouard ex Rothm. (Asparagaceae)

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ABSTRACT

The whole plastome sequence of *Hyacinthoides non-scripta*, was assembled and annotated in this study. This is the first complete plastid genome for the genus *Hyacinthoides*. The plastome is 155,035 bp long and consists of a large single-copy (LSC) region spanning 83,947 bp, a small single-copy (SSC) region spanning 18,496 bp, and two inverted repeat (IR) regions, each of which is 26,296 bp in length. There are 132 genes annotated in the plastome, of which the protein-coding gene *infA* has pseudogenized.

ARTICLE HISTORY

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KEYWORDS

*Hyacinthoides*;  
Asparagaceae;  
plastome; *infA*



*Scilla sp.*



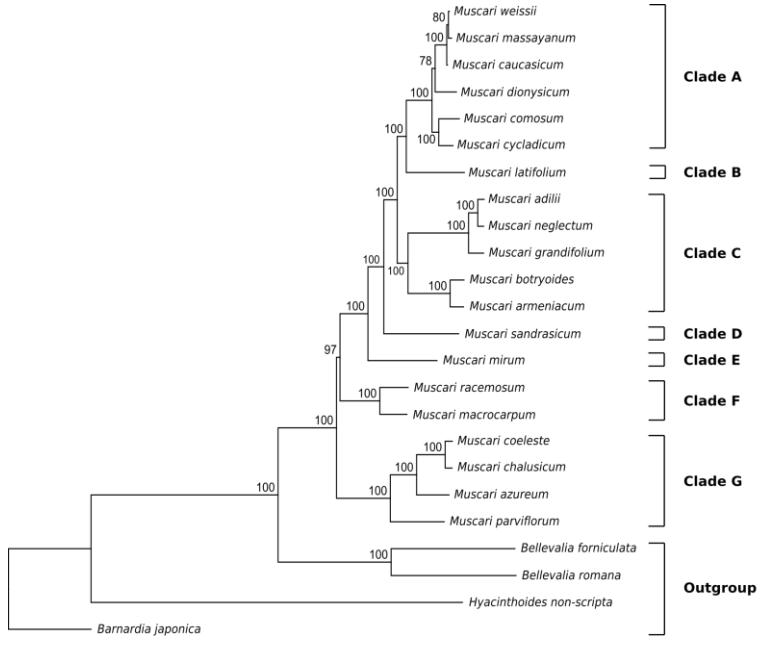
*Scilla sp.*



*Scilla autumnalis*



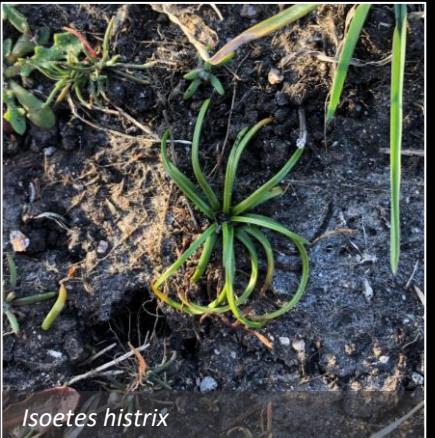
Maximum likelihood estimate of phylogeny of *Muscari* s.l. and allied genera. Constructed from whole plastome sequences with RAxML (GTR + I + G model), using 1000 bootstrap replicates. Bootstrap support values given above or below branches.



Key to morphotypes:	
—	Leopoldia
—	Muscari s.s.
—	Muscarimia
—	Pseudomuscari



*Exaculum pusillum*



*Isoetes histrix*



*Asplenium x microdon*



*Anacamptis laxiflora*

