

b. Vegetative Compatibility

Vegetative and Sexual Compatibility
in *Endothia parasitica*

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Sexual incompatibility is homogenic.
So far 108 strains have been crossed
with two mating type testers and only
one locus with two alleles has been
found. Occasional evidence for homo -
thallism is seen. The mating type dis-
tribution so far examined has yielded
the following:

USA:	<u>a</u>	33
	<u>A</u>	27
Italy:	<u>a</u>	3
	<u>A</u>	2
	selfs	2
Greece:	<u>a</u>	7
China:	<u>a</u>	2
	<u>A</u>	2

The mating type gene does not function as
a vegetative incompatibility gene as it
does in *Neurospora crassa*. Vegetative
incompatibility is heterogenic, and so
far 77 vegetative compatibility groups
have been found. Tentative genotypes,
based on a system of seven loci with two
alleles, have been assigned for six of
the vegetative compatibility groups.