

# Landscape object

```
graph TD; LO[Landscape object] --- IP[Integer parameters]; LO --- FPP[Floating point parameters]; LO --- BP[Boolean parameters]; LO --- D[Demography]; LO --- L[Loci]; LO --- I[Individuals];
```

## Integer parameters

Number of habitats,  
number of loci, number  
of demographic stages ...

## Floating point parameters

Selfing rate, dispersal  
kernel parameters

## Boolean parameters

Multiple paternity,  
random choice of local  
demography

## Demography

Stage–transition matrices  
population sizes, extinction  
rates...

## Loci

Inheritance, mutation rate,  
mutation model, allele  
lookup table

## Individuals

Individual locations, stage,  
age, and genotypes