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An integrated genetic approach to provenancing and establishment of founding individuals for restoration in the semiarid midwest region of Western Australia

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S1. Example input files for the NEWGARDEN modelling software illustrating input parameters for each of the study species a) *Grevillea paradoxa*, b) *Melaleuca nematophylla*, c) *Grevillea globosa*, d) *Mirbelia* sp. Bursarioides.

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c)

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```
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d)

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<Offspring_Distribution method="bracket"/>

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```

```
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```

```
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<functionpoint x="4" y="0.97"/>
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</Dispersal_Distribution>
<Pollen_Distances>
<SampledFunction>
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<functionpoint x="4" y="50"/>
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</SampledFunction></Pollen_Distances>
<Pollen_Distance_Probabilities>
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<functionpoint x="0.01" y="6"/>
<functionpoint x="0.03" y="4"/>
<functionpoint x="0.05" y="3"/>
```

```
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<functionpoint x="0.6" y="0"/>
</Pollen_Distance_Probabilities>
<Region XL="0" YL="0" XH="2,000" YH="2,000" >
```

```
</Region>
<SummaryRegions>
</SummaryRegions>
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<Number_Runs value ="10"/>
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<Plant age="0" femaleP="false" X="32" Y="5"/>
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<Plant age="0" femaleP="false" X="40" Y="5"/>
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```



```

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</Initial_Population>
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```

S2. Example output file for the NEWGARDEN modelling software illustrating output parameters for *Grevillea paradoxa*. Output file corresponds to the input file in S1.

```

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H.exptd,sd(), Fcalc, sd(Fcalc),Ne, sd(Ne)
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true,0,6,8.8,2.394,57.9,8.171,0.524,0.1,0.618,0.032,0.156,0.137,-0.287,2.369
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```


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