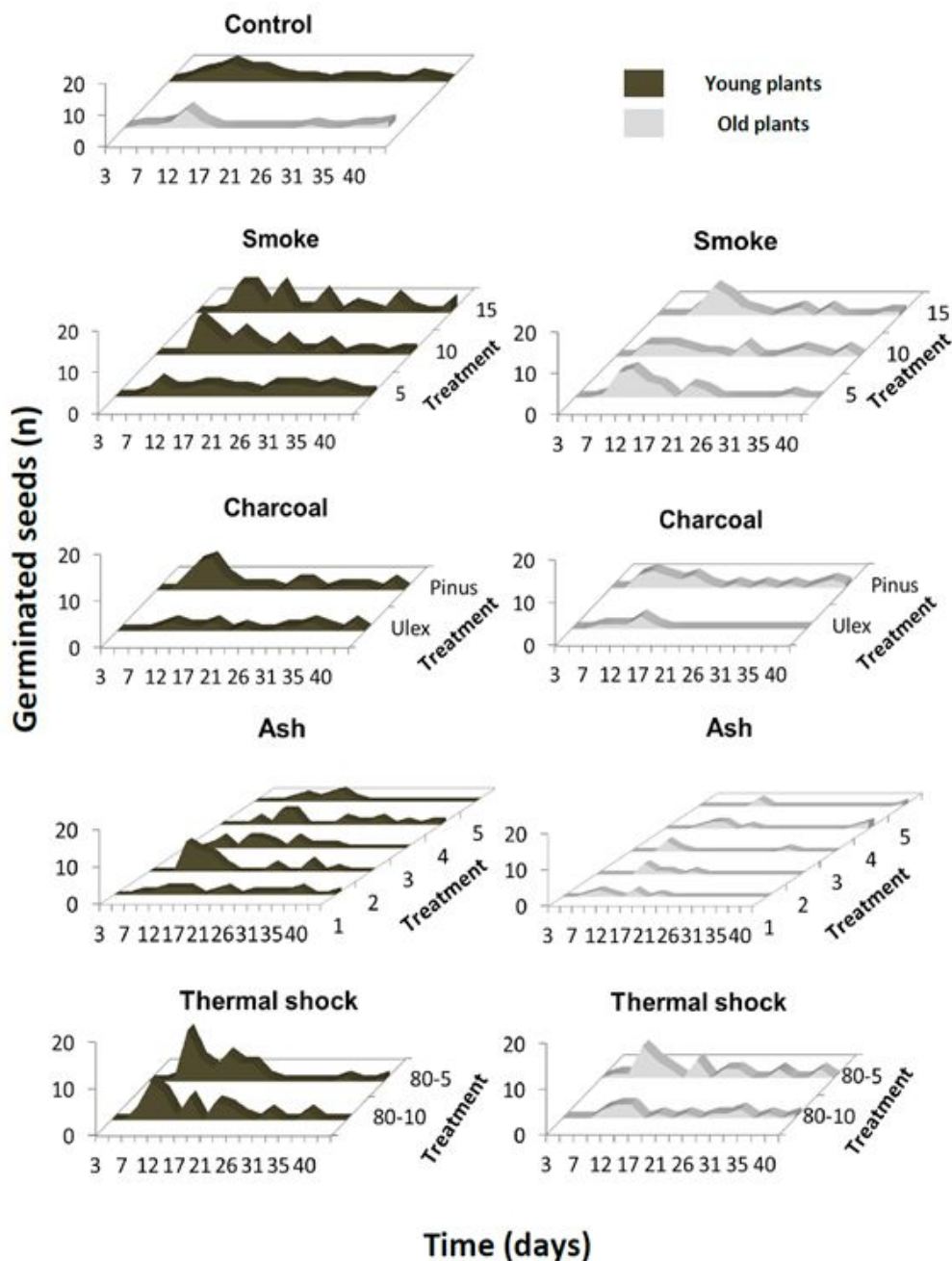


### Supplementary Material

**Fig. S1** - Germination timing in *P. pinaster* according to the age of mother plants and the tested fire treatments. In the smoke graphics, 5, 10 and 15 are smoke 5 min, smoke 10 min and smoke 15 min. In the charcoal graphics *Ulex* and *Pinus* are *Ulex* charcoal and *Pinus* charcoal. In the ash graphics, 1, 2, 3, 4 and 5 are ash 1, ash 2, ash 3, ash 4 and ash 5. In Thermal shock graphics 80-5 is 80 °C – 5 min and 80-10 is 80 °C – 10 min.



**Role of serotiny on *Pinus pinaster* Aiton germination and its relation to mother plant age and fire severity**

**Tab. S1** - Germination treatments carried out with seeds from young (Y) and old (O) plants to test the effect of fire severity and mother plant age on the germinative response of *P. pinaster*.

<b>Treatment</b>	<b>Seeds from Y plants</b>	<b>Seeds from O plants</b>
Control	×	×
Smoke 5 min	×	×
Smoke 10 min	×	×
Smoke 15 min	×	×
Ash 1	×	×
Ash 2	×	×
Ash 3	×	×
Ash 4	×	×
Ash 5	×	×
<i>U. europaeus</i> Charcoal	×	×
<i>P. pinaster</i> Charcoal	×	×
80°C - 5 min	×	×
80°C - 10 minutes	×	×
110°C - 5 min	×	×
110°C - 10 min	×	×
150°C – 5 min		×
150°C – 10 min		×
200°C - 5 min		×
200°C - 10 min		×