Daily log

Date	Day No.	Signs of germination	Location	Other notes
13/6/20	0	None	Indoors	Planted them, left them stacked and lids on from window
14/6/20	1	None	Indoors	
15/6/20	2	None	Indoors	
16/6/20	3	None	Outdoors	Moved them outside to get more natural weather, lids on, watered
17/6/20	4	None	Outdoors	
18/6/20	5	None	Outdoors	Lid slightly off to allow air flow.
19/6/20	6	None	Outdoors	
20/6/20	7	None	Outdoors	Watered using tap water
21/6/20	8	None	Outdoors	
22/6/20	9	None	Outdoors	Watered using rain collected in lid
23/6/20	10	None	Outdoors	
24/6/20	11	None	Outdoors	Watered using rain in lid
25/6/20	12	None	Outdoors	
26/6/20	13	None	Outdoors	
27/6/20	14	None	Outdoors	Watered using rain in lid
28/6/20	15	None	Outdoors	
29/6/20	16	None	Outdoors	
30/6/20	17	None	Outdoors	
1/7/20	18	None	Outdoors	Watered using rain in lid, lids put on
~~1/7/20~~	~~19~~	~~None~~	~~Outdoors~~	
2/7/20	19	None	Outdoors	Put remaining seeds on paper towel as a germination test, put this in a plastic bag outside.
3/7/20	20	None	Outdoors	
4/7/20	21	None	Outdoors	Watered using rain on lid
5/7/20	22	None	Indoors	Brought inside incase it was to cold or wet for them to germinate, put next to window for light.
6/7/20	23	None	Indoors	
7/7/20	24	None	Indoors	Got moved around a bit as we brought them with us to ask Joan
8/7/20	25	None	Indoors	Lids off, still very wet from the last time they were watered.
9/7/20	26	None	Indoors	
10/7/20	27	None	Indoors	
11/7/20	28	None	Indoors	
12/7/20	29	None	Indoors	

e highlighted
s are
e
expected
m to
ninate

Daily log-cont.

Date	Day No.	Signs of germination	Location	Other notes
13/7/20	30	None	Indoors	
14/7/20	31	None within the ~~germination~~ viability test. 1 sprout in ~~germination~~ viability test	Indoors	Watered using tap water Opened germination test Found 1 sprout in ~~germinating~~ viability test Also one sprout in our box where we planted the leftover seeds not used in the experiment.
15/7/20	32	None since	Indoors	We moved the plant in the viability test to the box where it has soil
16/7/20	33	None since	Indoors	

6/7/20

Notes from Kathy

-There could be only a very small window of viability, so if ~~we pr~~ the seeds were picked too early before they were ready to naturally dispurse, they might not have been mature.
-They might need to be on the surface, instead of buried
-They might have got too wet
-There could have been too much/not enough time before ~~from when~~ they were planted
-The weather could have been different to their natural Goorong environment
-They could have naturally grown closer to the parent plant & need something from that.
-Something could have needed to happen to the seed for it to become viable, eg. fire, temperature, water, light, scuffing, etc.

7/7/20

Notes from Joan

- Seeds might not be viable
- could have a sort of sensor for light & wait to grow until spring/summer when the days are longer.
- If too deep this can't see the sun.
- Might need 6-12 months from when they were picked to when they will grow, so they don't germinate in winter → embryo might not be developed
- Could be too cold

14/7/20

Talk with Joan after seeds grew

- Test seeds by poking them ~~if the~~ to see if the embryos are viable ⇒ if they squish, they are not viable; if they bounce back after being poked, they are.
- Not all of the seed in a seed head will be viable, as they won't all get pollinated, that is why the plant produces so many seeds
- The mold on the viability test can help us understand what is viable.
  - → Black or grey mold means it is dead, it is used to break down plant matter
  - → White or ~~green~~ green mold means it is living (viable), this mold will protect the plant
- We could have watered them too much & flooded the roots → probably don't water them any more
- Tap water is toxic, as they need to make sure nothing can live in it
  - ↳ We refuted this because some of the plants grew but we also watered them with tap water.