

## Dormancy, Germination Inhibition and Stimulation

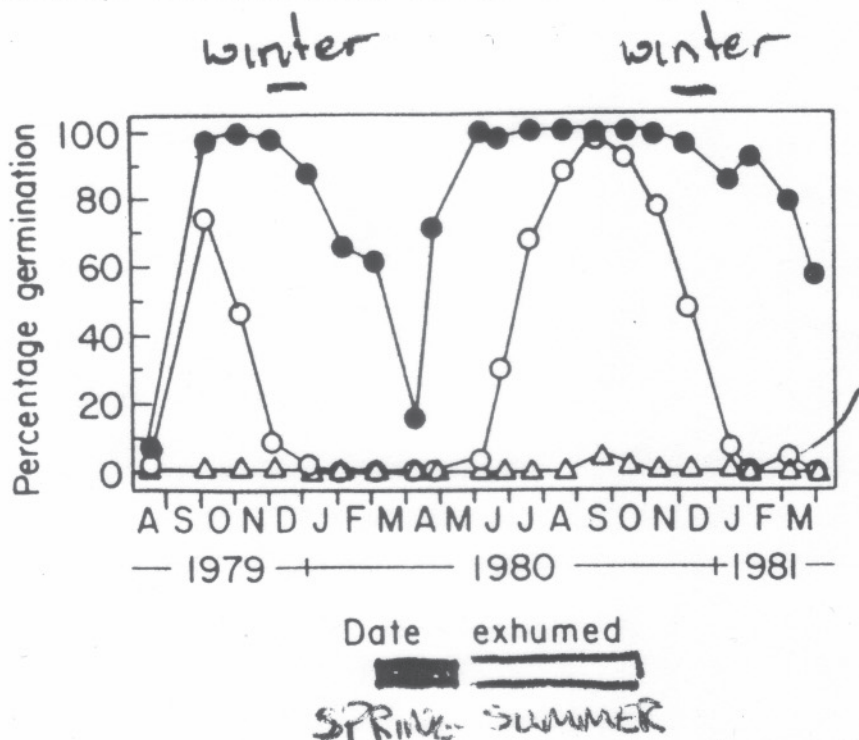


FIG. 4.2. Seasonal changes in the germinability of seeds of *Aphanes arvensis* (from data of Roberts and Neilson, 1982). Freshly collected seeds were buried outdoors in the soil (1977) and samples periodically removed and tested for germination at different temperatures. ●—● germination at 4°C, ○—○ germination at 15°C, △—△ germination at 25°C.

Table 2. Effect of light on the germination (%) of buried seeds of *Aphanes arvensis*

Date of test		Test temperature (°C)										
		4	10	15	20	25	30	4/10*	4/20*	10/20*	10/30*	15/30*
July	Light	100	100	92	5	3	0	100	100	88	89	34
	Dark	16	10	0	0	2	1	37	31	3	9	1
September	Light	100	100	100	99	23	0	100	100	100	100	99
	Dark	93	73	17	6	0	4	97	70	49	58	14

\* As in Table 1.