

3.4.1.a Data Base on Seed Germination Testing

Seed bank	Contributor	Origin of the data (published/unpublished)	Family	Species (according to the Italian flora by Pignatti, 2017-2019)	Accession ID	Collecting date	Collecting site: Latitude (geographic coordinates in decimal degrees)	Collecting site: Longitude (geographic coordinates in decimal degrees)	Altitude (m)	Constant temperature for average of alternating temperatures (yes/no)	Alternating temperature (°C) (yes/no)	Photoperiod (Light/Dark cycle: hrs/dark: hrs) (yes/no)	Hydrophilic	Germination medium (agar or filter paper)	Number of replicates	Total number of seeds sown	Number of germinated seeds	Final germination percentage	Germination on T <sub>1</sub> (days)	T <sub>50</sub> (days)	T <sub>max</sub> (days)	Mean Time to Germination, on MTG (days)
BDJM Seed bank	IB, M, AL	unpublished	Asteraceae	Centaurea crassifolia Bertol. (Chierolophus crassifolius)	SMASeed/BDJM/2019	30/08/2020	35°55'30.7"N	14°20'48.8"E	38	20	no	16,8	no	zmspotterpelle 2	1	15	4	27	8,00	/	20,00	15,00
BDJM Seed bank	IB, M, AL	unpublished	Asteraceae	Centaurea crassifolia Bertol. (Chierolophus crassifolius)	SMASeed/BDJM/2019	30/08/2020	35°55'30.7"N	14°20'48.8"E	38	22,5	no	16,8	no	zmspotterpelle 2	1	15	1	7	15,00	/	15,00	15,00
BDJM Seed bank	IB, M, AL	unpublished	Asteraceae	Centaurea crassifolia Bertol. (Chierolophus crassifolius)	SMASeed/BDJM/2019	30/08/2020	35°55'30.7"N	14°20'48.8"E	38	25	no	16,8	no	zmspotterpelle 2	1	15	5	33	13,00	/	20,00	15,00
BDJM Seed bank	IB, M, AL	unpublished	Fabaceae	Coronilla valentina subsp. glauca	SMASeed/BDJM/2116	04/06/2021	35°49'18.2"N	14°27,36,7"E	106	15	no	0	no	filter paper	4	100	5	5	10,00	17,50	28,00	17,20
BDJM Seed bank	IB, M, AL	unpublished	Fabaceae	Coronilla valentina subsp. glauca	SMASeed/BDJM/2116	04/06/2021	35°49'18.2"N	14°27,36,7"E	106	15	no	12,12	no	filter paper	4	100	9	9	5,00	7,75	33,00	8,83
BDJM Seed bank	IB, M, AL	unpublished	Fabaceae	Coronilla valentina subsp. glauca	SMASeed/BDJM/2116	04/06/2021	35°49'18.2"N	14°27,36,7"E	106	20	no	0	no	filter paper	4	100	8	8	5,00	8,00	40,00	12,38
BDJM Seed bank	IB, M, AL	unpublished	Fabaceae	Coronilla valentina subsp. glauca	SMASeed/BDJM/2116	04/06/2021	35°49'18.2"N	14°27,36,7"E	106	20	no	18,6	no	filter paper	4	100	9	9	5,00	6,40	33,00	10,83
BDJM Seed bank	IB, M, AL	unpublished	Fabaceae	Coronilla valentina subsp. glauca	SMASeed/BDJM/2116	04/06/2021	35°49'18.2"N	14°27,36,7"E	106	25	no	0	no	filter paper	4	100	9	9	5,00	6,16	32,00	6,67
BDJM Seed bank	IB, M, AL	unpublished	Fabaceae	Coronilla valentina subsp. glauca	SMASeed/BDJM/2116	04/06/2021	35°49'18.2"N	14°27,36,7"E	106	25	no	16,8	no	filter paper	4	100	9	9	5,00	8,50	40,00	18,67
BDJM Seed bank	IB, M, AL	unpublished	Fabaceae	Coronilla valentina subsp. glauca	SMASeed/BDJM/2116	04/06/2021	35°49'18.2"N	14°27,36,7"E	106	21,5	yes	0	no	filter paper	4	100	5	5	5,00	7,50	10,00	8,00
BDJM Seed bank	IB, M, AL	unpublished	Fabaceae	Coronilla valentina subsp. glauca	SMASeed/BDJM/2116	04/06/2021	35°49'18.2"N	14°27,36,7"E	106	21,5	yes	16,8	no	filter paper	4	100	3	3	5,00	6,00	20,00	7,33
BDJM Seed bank	IB, M, AL	unpublished	Fabaceae	Coronilla valentina subsp. glauca	SMASeed/BDJM/2116	04/06/2021	35°49'18.2"N	14°27,36,7"E	106	15	no	12,12	24h	filter paper	4	100	19	19	5,00	9,70	42,00	13,74
BDJM Seed bank	IB, M, AL	unpublished	Fabaceae	Coronilla valentina subsp. glauca	SMASeed/BDJM/2116	04/06/2021	35°49'18.2"N	14°27,36,7"E	106	15	no	12,12	24h	filter paper	4	100	19	19	10,00	13,00	24,00	14,53
BDJM Seed bank	IB, M, AL	unpublished	Fabaceae	Coronilla valentina subsp. glauca	SMASeed/BDJM/2116	04/06/2021	35°49'18.2"N	14°27,36,7"E	106	20	no	0	24h	filter paper	4	100	16	16	5,00	7,80	38,00	12,44
BDJM Seed bank	IB, M, AL	unpublished	Fabaceae	Coronilla valentina subsp. glauca	SMASeed/BDJM/2116	04/06/2021	35°49'18.2"N	14°27,36,7"E	106	21,5	yes	16,8	24h	filter paper	4	100	28	28	5,00	8,80	40,00	11,29
BDJM Seed bank	IB, M, AL	unpublished	Fabaceae	Coronilla valentina subsp. glauca	SMASeed/BDJM/2116	04/06/2021	35°49'18.2"N	14°27,36,7"E	106	25	no	0	24h	filter paper	4	100	23	23	5,00	10,56	26,00	12,04
BDJM Seed bank	IB, M, AL	unpublished	Fabaceae	Coronilla valentina subsp. glauca	SMASeed/BDJM/2116	04/06/2021	35°49'18.2"N	14°27,36,7"E	106	25	no	16,8	24h	filter paper	4	100	14	14	3,00	4,71	24,00	8,14
BDJM Seed bank	IB, M, AL	unpublished	Fabaceae	Coronilla valentina subsp. glauca	SMASeed/BDJM/2116	04/06/2021	35°49'18.2"N	14°27,36,7"E	106	21,5	yes	16,8	24h	filter paper	4	100	28	28	5,00	8,80	24,00	10,88
BDJM Seed bank	IB, M, AL	unpublished	Fabaceae	Coronilla valentina subsp. glauca	SMASeed/BDJM/2116	04/06/2021	35°49'18.2"N	14°27,36,7"E	106	21,5	yes	16,8	24h	filter paper	4	100	19	19	5,00	8,75	35,00	13,95
BDJM Seed bank	IB, M, AL	unpublished	Apiaceae	Daucus carota	SMASeed/BDJM/1917	2019	35°53'32.7"N	14°30'10.6"E	52	15	no	0	no	filter paper	4	100	3	3	16,00	23,00	32,00	24,33
BDJM Seed bank	IB, M, AL	unpublished	Apiaceae	Daucus carota	SMASeed/BDJM/1917	2019	35°53'32.7"N	14°30'10.6"E	52	15	no	12,12	no	filter paper	4	100	3	3	16,00	23,00	32,00	21,33
BDJM Seed bank	IB, M, AL	unpublished	Apiaceae	Daucus carota	SMASeed/BDJM/1917	2019	35°53'32.7"N	14°30'10.6"E	52	20	no	0	no	filter paper	4	100	3	3	16,00	23,00	32,00	21,33
BDJM Seed bank	IB, M, AL	unpublished	Apiaceae	Daucus carota	SMASeed/BDJM/1917	2019	35°53'32.7"N	14°30'10.6"E	52	20	no	18,6	no	filter paper	4	100	4	4	11,00	12,50	18,00	14,25
BDJM Seed bank	IB, M, AL	unpublished	Apiaceae	Daucus carota	SMASeed/BDJM/1917	2019	35°53'32.7"N	14°30'10.6"E	52	25	no	0	no	filter paper	4	100	0	0	/	/	/	/
BDJM Seed bank	IB, M, AL	unpublished	Apiaceae	Daucus carota	SMASeed/BDJM/1917	2019	35°53'32.7"N	14°30'10.6"E	52	25	yes	16,8	no	filter paper	4	100	0	0	/	/	/	/
BDJM Seed bank	IB, M, AL	unpublished	Apiaceae	Daucus carota	SMASeed/BDJM/1917	2019	35°53'32.7"N	14°30'10.6"E	52	21,5	yes	0	no	filter paper	4	100	3	3	14,00	16,60	21,00	16,67
BDJM Seed bank	IB, M, AL	unpublished	Apiaceae	Daucus carota	SMASeed/BDJM/1917	2019	35°53'32.7"N	14°30'10.6"E	52	21,5	yes	16,8	24h	filter paper	4	100	3	3	14,00	16,60	21,00	16,67
BDJM Seed bank	IB, M, AL	unpublished	Apiaceae	Daucus carota	SMASeed/BDJM/1917	2019	35°53'32.7"N	14°30'10.6"E	52	21,5	yes	16,8	no	filter paper	4	100	0	0	/	/	/	/
BDJM Seed bank	IB, M, AL	unpublished	Asparagaceae	Urginea maritima (L.) Baker	SMASeed/BDJM/2018	18/11/2020	35°59'39.9"N	14°21'56.2"E	11	15	no	12,12	no	filter paper	4	100	97	97	7,00	6,56	18,00	7,39
BDJM Seed bank	IB, M, AL	unpublished	Asparagaceae	Urginea maritima (L.) Baker	SMASeed/BDJM/2018	18/11/2020	35°59'39.9"N	14°21'56.2"E	11	20	no	0	no	filter paper	4	100	81	81	4,00	6,47	25,00	8,32
BDJM Seed bank	IB, M, AL	unpublished	Asparagaceae	Urginea maritima (L.) Baker	SMASeed/BDJM/2018	18/11/2020	35°59'39.9"N	14°21'56.2"E	11	20	no	18,6	no	filter paper	4	100	93	93	5,00	6,48	18,00	7,31
BDJM Seed bank	IB, M, AL	unpublished	Asparagaceae	Urginea maritima (L.) Baker	SMASeed/BDJM/2018	18/11/2020	35°59'39.9"N	14°21'56.2"E	11	25	no	0	no	filter paper	4	100	77	77	4,00	6,54	21,00	8,55
BDJM Seed bank	IB, M, AL	unpublished	Asparagaceae	Urginea maritima (L.) Baker	SMASeed/BDJM/2018	18/11/2020	35°59'39.9"N	14°21'56.2"E	11	25	no	16,8	no	filter paper	4	100	76	76	4,00	7,32	25,00	9,16
BDJM Seed bank	IB, M, AL	unpublished	Asparagaceae	Urginea maritima (L.) Baker	SMASeed/BDJM/2018	18/11/2020	35°59'39.9"N	14°21'56.2"E	11	21,5	yes	0	no	filter paper	4	100	85	85	4,00	6,74	11,00	6,65
BDJM Seed bank	IB, M, AL	unpublished	Asparagaceae	Urginea maritima (L.) Baker	SMASeed/BDJM/2018	18/11/2020	35°59'39.9"N	14°21'56.2"E	11	21,5	yes	16,8	no	filter paper	4	100	91	91	4,00	6,52	28,00	8,53
BDJM Seed bank	IB, M, AL	unpublished	Apiaceae	Eryngium maritimum	SMASeed/BDJM/2014	18/11/2020	35°59'32.1"N	14°21'56.6"E	5	15	no	0	no	filter paper	1	25	0	0	/	/	/	/
BDJM Seed bank	IB, M, AL	unpublished	Apiaceae	Eryngium maritimum	SMASeed/BDJM/2014	18/11/2020	35°59'32.1"N	14°21'56.6"E	5	15	no	12,12	no	filter paper	1	25	0	0	/	/	/	/
BDJM Seed bank	IB, M, AL	unpublished	Apiaceae	Eryngium maritimum	SMASeed/BDJM/2014	18/11/2020	35°59'32.1"N	14°21'56.6"E	5	20	no	0	no	filter paper	1	25	0	0	/	/	/	/
BDJM Seed bank	IB, M, AL	unpublished	Apiaceae	Eryngium maritimum	SMASeed/BDJM/2014	18/11/2020	35°59'32.1"N	14°21'56.6"E	5	20	no	18,6	no	filter paper	1	25	0	0	/	/	/	/
BDJM Seed bank	IB, M, AL	unpublished	Apiaceae	Eryngium maritimum	SMASeed/BDJM/2014	18/11/2020	35°59'32.1"N	14°21'56.6"E	5	25	no	0	no	filter paper	1	25	0	0	/	/	/	/
BDJM Seed bank	IB, M, AL	unpublished	Apiaceae	Eryngium maritimum	SMASeed/BDJM/2014	18/11/2020	35°59'32.1"N	14°21'56.6"E	5	25	yes	16,8	no	filter paper	1	25	0	0	/	/	/	/
BDJM Seed bank	IB, M, AL	unpublished	Apiaceae	Eryngium maritimum	SMASeed/BDJM/2014	18/11/2020	35°59'32.1"N	14°21'56.6"E	5	21,5	yes	0	no	filter paper	1	25	0	0	/	/	/	/
BDJM Seed bank	IB, M, AL	unpublished	Apiaceae	Eryngium maritimum	SMASeed/BDJM/2014	18/11/2020	35°59'32.1"N	14°21'56.6"E	5	21,5	yes	16,8	no	filter paper	1	25	0	0	91,00	93,53	105,00	100,00
BDJM Seed bank	IB, M, AL	unpublished	Euphorbiaceae	Euphorbia dendroidea	SMASeed/BDJM/1949	30/05/2019	35°53,32,4"N	14,30,11,4"E	48	15	no	0	no	filter paper	1	25	0	0	/	/	/	/
BDJM Seed bank	IB, M, AL	unpublished	Euphorbiaceae	Euphorbia dendroidea	SMASeed/BDJM/1949	30/05/2019	35°53,32,4"N	14,30,11,4"E	48	15	no	12,12	no	filter paper	1	25	0	0	8,00	8,50	15,00	11,60
BDJM Seed bank	IB, M, AL	unpublished	Euphorbiaceae	Euphorbia dendroidea	SMASeed/BDJM/1949	30/05/2019	35°53,32,4"N	14,30,11,4"E	48	20	no	0	no	filter paper	1	25	2	2	8,00	16,50	27,00	17,50
BDJM Seed bank	IB, M, AL	unpublished	Euphorbiaceae	Euphorbia dendroidea	SMASeed/BDJM/1949	30/05/2019	35°53,32,4"N	14,30,11,4"E	48	20	no	18,6	no	filter paper	1	25	4	4	16,00	/	/	6,00
BDJM Seed bank	IB, M, AL	unpublished	Euphorbiaceae	Euphorbia dendroidea	SMASeed/BDJM/1949	30/05/2019	35°53,32,4"N	14,30,11,4"E	48	25	no	0	no	filter paper								

Seed bank	Coauthor	Origin of the data (published; unpublished)	Family	Species (according to the Italian flora by Pignatti, 2017-2019)	Accession ID	Collecting date	Collecting site: Latitude (geographic coordinates in decimal degrees)	Collecting site: Longitude (geographic coordinates in decimal degrees)	Altitude (m)	Constant temperature (or average of alternating temperatures)	Alternating temperature (yes/no)	Photoperiod (1=light/dark; 0=constant dark; 1=blue/verde)	Hydropriming	Germination medium (agar or filter paper)	Number of replicates	Total number of seeds sown	Number of germinated seeds	Final germination percentage	Germination on delay, T <sub>1</sub> (days)	T <sub>50</sub> (days)	T <sub>max</sub> (days)	Mean Time to Germination, MTG (days)
BDUM Seed bank	JB, MI, AL	unpublished	Euphorbiaceae	Euphorbia melitensis	SIMASeed/BDUM/19/50	24/05/2019	35°49'21.2"N	14°27'00.1"E	67	20	no	18_6	no	filter paper	4	100	34	34	6.00	10.58	27.00	13.91
BDUM Seed bank	JB, MI, AL	unpublished	Euphorbiaceae	Euphorbia melitensis	SIMASeed/BDUM/19/50	24/05/2019	35°49'21.2"N	14°27'00.1"E	67	25	no	0	no	filter paper	4	100	19	19	6.00	7.29	25.00	11.32
BDUM Seed bank	JB, MI, AL	unpublished	Euphorbiaceae	Euphorbia melitensis	SIMASeed/BDUM/19/50	24/05/2019	35°49'21.2"N	14°27'00.1"E	67	25	no	16_8	no	filter paper	4	100	21	21	8.00	10.44	53.00	17.76
BDUM Seed bank	JB, MI, AL	unpublished	Euphorbiaceae	Euphorbia melitensis	SIMASeed/BDUM/19/50	24/05/2019	35°49'21.2"N	14°27'00.1"E	67	21.5	yes	0	no	filter paper	4	100	19	19	8.00	8.30	18.00	11.11
BDUM Seed bank	JB, MI, AL	unpublished	Euphorbiaceae	Euphorbia melitensis	SIMASeed/BDUM/19/50	24/05/2019	35°49'21.2"N	14°27'00.1"E	67	21.5	yes	16_8	no	filter paper	4	100	23	23	6.00	9.17	36.00	12.26
BDUM Seed bank	JB, MI, AL	unpublished	Apiaceae	ferula melitensis	SIMASeed/BDUM/20/3	01/10/2020	35°49'18.5"N	14°27'36.5"E	106	15	no	0	no	filter paper	4	100	12	12	36.00	56.43	61.00	56.58
BDUM Seed bank	JB, MI, AL	unpublished	Apiaceae	ferula melitensis	SIMASeed/BDUM/20/3	01/10/2020	35°49'18.5"N	14°27'36.5"E	106	15	no	12_12	no	filter paper	4	100	14	14	20.00	24.50	59.00	31.00
BDUM Seed bank	JB, MI, AL	unpublished	Apiaceae	ferula melitensis	SIMASeed/BDUM/20/3	01/10/2020	35°49'18.5"N	14°27'36.5"E	106	20	no	0	no	filter paper	4	100	0	0	/	/	/	/
BDUM Seed bank	JB, MI, AL	unpublished	Apiaceae	ferula melitensis	SIMASeed/BDUM/20/3	01/10/2020	35°49'18.5"N	14°27'36.5"E	106	20	no	18_6	no	filter paper	4	100	13	13	24.00	34.14	36.00	32.62
BDUM Seed bank	JB, MI, AL	unpublished	Apiaceae	ferula melitensis	SIMASeed/BDUM/20/3	01/10/2020	35°49'18.5"N	14°27'36.5"E	106	25	no	0	no	filter paper	4	100	0	0	/	/	/	/
BDUM Seed bank	JB, MI, AL	unpublished	Apiaceae	ferula melitensis	SIMASeed/BDUM/20/3	01/10/2020	35°49'18.5"N	14°27'36.5"E	106	21.5	yes	0	no	filter paper	4	100	10	10	22.00	25.33	48.00	29.90
BDUM Seed bank	JB, MI, AL	unpublished	Apiaceae	ferula melitensis	SIMASeed/BDUM/20/3	01/10/2020	35°49'18.5"N	14°27'36.5"E	106	21.5	yes	16_8	no	filter paper	4	100	28	28	22.00	35.33	55.00	37.92
BDUM Seed bank	JB, MI, AL	unpublished	Myrtaceae	Myrtus communis	SIMASeed/BDUM/21/17	09/09/2021	35°57'33.4"N	14°21'30.0"E	95	15	no	0	no	filter paper	4	100	93	93	3.00	9.77	28.00	15.28
BDUM Seed bank	JB, MI, AL	unpublished	Myrtaceae	Myrtus communis	SIMASeed/BDUM/21/17	09/09/2021	35°57'33.4"N	14°21'30.0"E	95	15	no	12_12	no	filter paper	4	100	92	92	3.00	14.91	28.00	16.05
BDUM Seed bank	JB, MI, AL	unpublished	Myrtaceae	Myrtus communis	SIMASeed/BDUM/21/17	09/09/2021	35°57'33.4"N	14°21'30.0"E	95	20	no	0	no	filter paper	4	100	88	88	7.00	8.64	21.00	10.24
BDUM Seed bank	JB, MI, AL	unpublished	Myrtaceae	Myrtus communis	SIMASeed/BDUM/21/17	09/09/2021	35°57'33.4"N	14°21'30.0"E	95	20	no	18_6	no	filter paper	4	100	89	89	5.00	8.74	14.00	10.20
BDUM Seed bank	JB, MI, AL	unpublished	Myrtaceae	Myrtus communis	SIMASeed/BDUM/21/17	09/09/2021	35°57'33.4"N	14°21'30.0"E	95	25	no	0	no	filter paper	4	100	89	89	3.00	5.72	10.00	6.64
BDUM Seed bank	JB, MI, AL	unpublished	Myrtaceae	Myrtus communis	SIMASeed/BDUM/21/17	09/09/2021	35°57'33.4"N	14°21'30.0"E	95	25	no	16_8	no	filter paper	4	100	91	91	3.00	6.97	24.00	8.35
BDUM Seed bank	JB, MI, AL	unpublished	Myrtaceae	Myrtus communis	SIMASeed/BDUM/21/17	09/09/2021	35°57'33.4"N	14°21'30.0"E	95	21.5	yes	0	no	filter paper	4	100	93	93	7.00	9.79	19.00	10.99
BDUM Seed bank	JB, MI, AL	unpublished	Myrtaceae	Myrtus communis	SIMASeed/BDUM/21/17	09/09/2021	35°57'33.4"N	14°21'30.0"E	95	21.5	yes	16_8	no	filter paper	4	100	93	93	7.00	10.79	26.00	11.99
BDUM Seed bank	JB, MI, AL	unpublished	Amaryllidaceae	Pancratium maritimum	SIMASeed/BDUM/20/13	19/11/2020	35°59'32.4"N	14°21'56.6"E	5	15	no	0	no	filter paper	4	100	89	89	3.00	22.50	61.00	25.35
BDUM Seed bank	JB, MI, AL	unpublished	Amaryllidaceae	Pancratium maritimum	SIMASeed/BDUM/20/13	19/11/2020	35°59'32.4"N	14°21'56.6"E	5	20	no	0	no	filter paper	4	100	80	80	10.00	19.50	62.00	22.23
BDUM Seed bank	JB, MI, AL	unpublished	Amaryllidaceae	Pancratium maritimum	SIMASeed/BDUM/20/13	19/11/2020	35°59'32.4"N	14°21'56.6"E	5	20	no	18_6	no	filter paper	4	100	86	86	5.00	22.77	58.00	24.31
BDUM Seed bank	JB, MI, AL	unpublished	Amaryllidaceae	Pancratium maritimum	SIMASeed/BDUM/20/13	19/11/2020	35°59'32.4"N	14°21'56.6"E	5	25	no	0	no	filter paper	4	100	86	86	7.00	22.26	39.00	23.29
BDUM Seed bank	JB, MI, AL	unpublished	Amaryllidaceae	Pancratium maritimum	SIMASeed/BDUM/20/13	19/11/2020	35°59'32.4"N	14°21'56.6"E	5	25	no	16_8	no	filter paper	4	100	86	86	3.00	21.78	61.00	23.80
BDUM Seed bank	JB, MI, AL	unpublished	Amaryllidaceae	Pancratium maritimum	SIMASeed/BDUM/20/13	19/11/2020	35°59'32.4"N	14°21'56.6"E	5	21.5	yes	0	no	filter paper	4	100	91	91	5.00	20.88	59.00	23.13
BDUM Seed bank	JB, MI, AL	unpublished	Amaryllidaceae	Pancratium maritimum	SIMASeed/BDUM/20/13	19/11/2020	35°59'32.4"N	14°21'56.6"E	5	21.5	yes	16_8	no	filter paper	4	100	94	94	7.00	19.60	68.00	23.98
BDUM Seed bank	JB, MI, AL	unpublished	Apocynaceae	Feriploca angustifolia	SIMASeed/BDUM/21/4	04/06/2021	35°49'16.1"N	14°27'34.3"E	70	15	no	0	no	filter paper	4	100	90	90	3.00	6.73	12.00	8.12
BDUM Seed bank	JB, MI, AL	unpublished	Apocynaceae	Feriploca angustifolia	SIMASeed/BDUM/21/4	04/06/2021	35°49'16.1"N	14°27'34.3"E	70	15	no	12_12	no	filter paper	4	100	60	60	3.00	11.07	38.00	14.20
BDUM Seed bank	JB, MI, AL	unpublished	Apocynaceae	Feriploca angustifolia	SIMASeed/BDUM/21/4	04/06/2021	35°49'16.1"N	14°27'34.3"E	70	20	no	0	no	filter paper	4	100	75	75	3.00	4.54	12.00	5.28
BDUM Seed bank	JB, MI, AL	unpublished	Apocynaceae	Feriploca angustifolia	SIMASeed/BDUM/21/4	04/06/2021	35°49'16.1"N	14°27'34.3"E	70	20	no	18_6	no	filter paper	4	100	77	77	3.00	4.74	19.00	6.69
BDUM Seed bank	JB, MI, AL	unpublished	Apocynaceae	Feriploca angustifolia	SIMASeed/BDUM/21/4	04/06/2021	35°49'16.1"N	14°27'34.3"E	70	25	no	0	no	filter paper	4	100	52	52	3.00	4.49	12.00	5.17
BDUM Seed bank	JB, MI, AL	unpublished	Apocynaceae	Feriploca angustifolia	SIMASeed/BDUM/21/4	04/06/2021	35°49'16.1"N	14°27'34.3"E	70	21.5	no	16_8	no	filter paper	4	100	67	67	3.00	7.23	19.00	8.99
BDUM Seed bank	JB, MI, AL	unpublished	Apocynaceae	Feriploca angustifolia	SIMASeed/BDUM/21/4	04/06/2021	35°49'16.1"N	14°27'34.3"E	70	25	yes	0	no	filter paper	4	100	85	85	3.00	4.45	24.00	5.98
BDUM Seed bank	JB, MI, AL	unpublished	Apocynaceae	Feriploca angustifolia	SIMASeed/BDUM/21/4	04/06/2021	35°49'16.1"N	14°27'34.3"E	70	21.5	yes	16_8	no	filter paper	4	100	69	69	3.00	4.91	21.00	9.12
BDUM Seed bank	JB, MI, AL	unpublished	Lamiaceae	Fraxinus majus	SIMASeed/BDUM/21/2	07/05/2021	35°48'33.5"N	14°30'40.2"E	50	15	no	0	no	filter paper	4	100	1	1	12.00	/	44.00	12.00
BDUM Seed bank	JB, MI, AL	unpublished	Lamiaceae	Fraxinus majus	SIMASeed/BDUM/21/2	07/05/2021	35°48'33.5"N	14°30'40.2"E	50	15	no	12_12	no	filter paper	4	100	2	2	26.00	30.50	44.00	33.00
BDUM Seed bank	JB, MI, AL	unpublished	Lamiaceae	Fraxinus majus	SIMASeed/BDUM/21/2	07/05/2021	35°48'33.5"N	14°30'40.2"E	50	20	no	0	no	filter paper	4	100	7	7	12.00	16.50	26.00	17.00
BDUM Seed bank	JB, MI, AL	unpublished	Lamiaceae	Fraxinus majus	SIMASeed/BDUM/21/2	07/05/2021	35°48'33.5"N	14°30'40.2"E	50	20	no	18_6	no	filter paper	4	100	2	2	42.00	42.00	44.00	43.00
BDUM Seed bank	JB, MI, AL	unpublished	Lamiaceae	Fraxinus majus	SIMASeed/BDUM/21/2	07/05/2021	35°48'33.5"N	14°30'40.2"E	50	25	no	0	no	filter paper	4	100	0	0	/	/	/	/
BDUM Seed bank	JB, MI, AL	unpublished	Lamiaceae	Fraxinus majus	SIMASeed/BDUM/21/2	07/05/2021	35°48'33.5"N	14°30'40.2"E	50	25	no	16_8	no	filter paper	4	100	1	1	12.00	/	12.00	12.00
BDUM Seed bank	JB, MI, AL	unpublished	Lamiaceae	Fraxinus majus	SIMASeed/BDUM/21/2	07/05/2021	35°48'33.5"N	14°30'40.2"E	50	21.5	yes	0	no	filter paper	4	100	0	0	/	/	/	/
BDUM Seed bank	JB, MI, AL	unpublished	Lamiaceae	Fraxinus majus	SIMASeed/BDUM/21/2	07/05/2021	35°48'33.5"N	14°30'40.2"E	50	21.5	yes	16_8	no	filter paper	4	100	14	14	16.00	27.33	44.00	30.29
BDUM Seed bank	JB, MI, AL	unpublished	Lamiaceae	Teucrium flavum	SIMASeed/BDUM/19/223	08/08/2019	35°57'47.7"N	14°23'40.8"E	45	15	no	0	no	filter paper	4	100	23	23	15.00	22.75	53.00	28.35
BDUM Seed bank	JB, MI, AL	unpublished	Lamiaceae	Teucrium flavum	SIMASeed/BDUM/19/223	08/08/2019	35°57'47.7"N	14°23'40.8"E	45	15	no	12_12	no	filter paper	4	100	24	24	18.00	23.13	53.00	26.71
BDUM Seed bank	JB, MI, AL	unpublished	Lamiaceae	Teucrium flavum	SIMASeed/BDUM/19/223	08/08/2019	35°57'47.7"N	14°23'40.8"E	45	20	no	0	no	filter paper	4	100	19	19	11.00	16.50	41.00	19.53
BDUM Seed bank	JB, MI, AL	unpublished	Lamiaceae	Teucrium flavum	SIMASeed/BDUM/19/223	08/08/2019	35°57'47.7"N	14°23'40.8"E	45	20	no	18_6	no	filter paper	4	100	23	23	11.00	12.00	43.00	18.35
BDUM Seed bank	JB, MI, AL	unpublished	Lamiaceae	Teucrium flavum	SIMASeed/BDUM/19/223	08/08/2019	35°57'47.7"N	14°23'40.8"E	45	25	no	0	no	filter paper	4	100	6	6	8.00	15.67	39.00	20.17
BDUM Seed bank	JB, MI, AL	unpublished	Lamiaceae	Teucrium flavum	SIMASeed/BDUM/19/223	08/08/2019	35°57'47.7"N	14°23'40.8"E	45	25	no	16_8	no	filter paper	4	100	14	14	6.00	19.00	36.00	18.64
BDUM Seed bank	JB, MI, AL	unpublished	Lamiaceae	Teucrium flavum	SIMASeed/BDUM/19/223	08/08/2019	35°57'47.7"N	14°23'40.8"E	45	21.5	yes	0	no	filter paper	4	100	10	10	11.00	21.00	48.00	23.30
BDUM Seed bank	JB, MI, AL	unpublished	Lamiaceae	Teucrium flavum	SIMASeed/BDUM/19/223	08/08/2019	35°57'47.7"N	14°23'40.8"E	45	21.5	yes	16_8	no	filter paper	4	100	35	35	11.00	17.50	53.00	22.17
BDUM Seed bank	JB, MI, AL	unpublished	Lamiaceae	Thymra capitata	SIMASeed/BDUM/20/20	01/09/2020	35°49'18.5"N	14°27'37.3"E	70	15	no	0	no	filter paper	1	25	0	0	/	/	/	/
BDUM Seed bank	JB, MI, AL	unpublished	Lamiaceae	Thymra capitata	SIMASeed/BDUM/20/20	01/09/2020	35°49'18.5"N	14°27'37.3"E	70	15	no	12_12	no	filter paper	1	25	0	0	/	/	/	/
BDUM Seed bank	JB, MI, AL	unpublished	Lamiaceae	Thymra capitata	SIMASeed/BDUM/20/20	01/09/2020	35°49'18.5"N	14°27'37.3"E	70	20	no	0	no	filter paper	1	25	0	0	/	/	/	/
BDUM Seed bank	JB, MI, AL	unpublished	Lamiaceae	Thymra capitata	SIMASeed/BDUM/20/20	01/09/2020	35°49'18.5"N	14°27'37.3"E	70	20	no	18_6	no	filter paper	1	25	0	0	/	/	/	/
BDUM Seed bank	JB, MI, AL	unpublished</																				

Seed bank	Contributor	Origin of the data (published, unpublished)	Family	Species (according to the Italian flora by Pignatti, 2017-2019)	Accession ID	Collecting date	Collecting site: Latitude (geographic coordinates in decimal degrees)	Collecting site: Longitude (geographic coordinates in decimal degrees)	Altitude (m)	Constant temperature (alternating temperatures)	Alternatin g temperature res (yes/no)	Photoperiod (Light/Dark (h-min))	Hydropriming	Germination medium (agar or filter paper)	Number of replicates	Total number of sown seeds	Number of germinated seeds	Final germination percentage	Germination on T <sub>0</sub> (days)	T <sub>50</sub> (days)	T <sub>max</sub> (days)	Mean Time to Germination on MTG (days)	
BDM Seed bank	J8, MI1, AL	unpublished	Fabaceae	Anagyris foetida	SI-MSeed/BDUM/21/24	29/04/2021	35°54'15.7"N	14°28'55.5"E	39	20	no	0	24h	filter paper	4	100	15	15	3.00	6.00	17.00	8.87	
BDM Seed bank	J8, MI1, AL	unpublished	Fabaceae	Anagyris foetida	SI-MSeed/BDUM/21/24	29/04/2021	35°54'15.7"N	14°28'55.5"E	39	20	no	18,6	24h	filter paper	4	100	15	15	3.00	7.50	33.00	11.53	
BDM Seed bank	J8, MI1, AL	unpublished	Fabaceae	Anagyris foetida	SI-MSeed/BDUM/21/24	29/04/2021	35°54'15.7"N	14°28'55.5"E	39	25	no	0	24h	filter paper	4	100	6	6	3.00	3.60	19.00	4.67	
BDM Seed bank	J8, MI1, AL	unpublished	Fabaceae	Anagyris foetida	SI-MSeed/BDUM/21/24	29/04/2021	35°54'15.7"N	14°28'55.5"E	39	25	no	16,8	24h	filter paper	4	100	6	6	3.00	4.50	40.00	11.50	
BDM Seed bank	J8, MI1, AL	unpublished	Fabaceae	Anagyris foetida	SI-MSeed/BDUM/21/24	29/04/2021	35°54'15.7"N	14°28'55.5"E	39	21,5	yes	0	24h	filter paper	4	100	9	9	3.00	6.50	24.00	10.86	
BDM Seed bank	J8, MI1, AL	unpublished	Borragiaceae	Andhusa azurea	SI-MSeed/BDUM/19/20	29/04/2021	35°54'15.7"N	14°28'55.5"E	39	21,5	yes	16,8	24h	filter paper	4	100	10	30	8.30	8.80	12.40	10.25	
BDM Seed bank	J8, MI1, AL	unpublished	Borragiaceae	Andhusa azurea	SI-MSeed/BDUM/19/20	02/07/2019	35°55'17.8"N	14°20'04.1"E	10	15	no	0	no	filter paper	4	100	1	1	14.00	/	14.00	14.00	
BDM Seed bank	J8, MI1, AL	unpublished	Borragiaceae	Andhusa azurea	SI-MSeed/BDUM/19/20	02/07/2019	35°55'17.8"N	14°20'04.1"E	10	15	no	12,12	no	filter paper	4	100	2	2	11.00	/	11.00	11.00	
BDM Seed bank	J8, MI1, AL	unpublished	Borragiaceae	Andhusa azurea	SI-MSeed/BDUM/19/20	02/07/2019	35°55'17.8"N	14°20'04.1"E	10	20	no	0	no	filter paper	4	100	4	4	9.00	/	14.00	10.25	
BDM Seed bank	J8, MI1, AL	unpublished	Borragiaceae	Andhusa azurea	SI-MSeed/BDUM/19/20	02/07/2019	35°55'17.8"N	14°20'04.1"E	10	20	no	18,6	no	filter paper	4	100	11	11	7.00	9.50	16.00	10.36	
BDM Seed bank	J8, MI1, AL	unpublished	Borragiaceae	Andhusa azurea	SI-MSeed/BDUM/19/20	02/07/2019	35°55'17.8"N	14°20'04.1"E	10	25	no	0	no	filter paper	4	100	6	6	7.00	/	9.00	7.67	
BDM Seed bank	J8, MI1, AL	unpublished	Borragiaceae	Andhusa azurea	SI-MSeed/BDUM/19/20	02/07/2019	35°55'17.8"N	14°20'04.1"E	10	25	no	16,8	no	filter paper	4	100	25	70	7.43	60.00	13.80	22.13	
BDM Seed bank	J8, MI1, AL	unpublished	Borragiaceae	Andhusa azurea	SI-MSeed/BDUM/19/20	02/07/2019	35°55'17.8"N	14°20'04.1"E	10	21,5	yes	0	no	filter paper	4	100	8	8	9.00	14.20	81.00	22.13	
BDM Seed bank	J8, MI1, AL	unpublished	Borragiaceae	Andhusa azurea	SI-MSeed/BDUM/19/20	02/07/2019	35°55'17.8"N	14°20'04.1"E	10	21,5	yes	16,8	no	filter paper	4	100	43	43	9.00	11.21	70.00	18.47	
BDM Seed bank	J8, MI1, AL	unpublished	Asparagaceae	Asparagus aphyllus	SI-MSeed/BDUM/20/21	Mar-21	35°48'33.0"N	14°30'04.0"E	50	15	no	0	no	filter paper	4	100	84	84	17.00	26.06	52.00	28.21	
BDM Seed bank	J8, MI1, AL	unpublished	Asparagaceae	Asparagus aphyllus	SI-MSeed/BDUM/20/21	Mar-21	35°48'33.0"N	14°30'04.0"E	50	15	no	12,12	no	filter paper	4	100	83	83	19.00	28.27	61.00	31.44	
BDM Seed bank	J8, MI1, AL	unpublished	Asparagaceae	Asparagus aphyllus	SI-MSeed/BDUM/20/21	Mar-21	35°48'33.0"N	14°30'04.0"E	50	20	no	0	no	filter paper	4	100	79	79	14.00	23.83	52.00	27.76	
BDM Seed bank	J8, MI1, AL	unpublished	Asparagaceae	Asparagus aphyllus	SI-MSeed/BDUM/20/21	Mar-21	35°48'33.0"N	14°30'04.0"E	50	20	no	18,6	no	filter paper	4	100	76	76	19.00	26.73	61.00	28.99	
BDM Seed bank	J8, MI1, AL	unpublished	Asparagaceae	Asparagus aphyllus	SI-MSeed/BDUM/20/21	Mar-21	35°48'33.0"N	14°30'04.0"E	50	25	no	0	no	filter paper	4	100	23	23	19.00	23.50	56.00	28.41	
BDM Seed bank	J8, MI1, AL	unpublished	Asparagaceae	Asparagus aphyllus	SI-MSeed/BDUM/20/21	Mar-21	35°48'33.0"N	14°30'04.0"E	50	25	no	16,8	no	filter paper	4	100	17	17	14.00	29.59	54.00	30.00	
BDM Seed bank	J8, MI1, AL	unpublished	Asparagaceae	Asparagus aphyllus	SI-MSeed/BDUM/20/21	Mar-21	35°48'33.0"N	14°30'04.0"E	50	21,5	yes	0	no	filter paper	4	100	80	80	17.00	26.42	48.00	28.53	
BDM Seed bank	J8, MI1, AL	unpublished	Asparagaceae	Asparagus aphyllus	SI-MSeed/BDUM/20/21	Mar-21	35°48'33.0"N	14°30'04.0"E	50	21,5	yes	16,8	no	filter paper	4	100	85	85	17.00	25.67	49.00	28.10	
BDM Seed bank	J8, MI1, AL	unpublished	Lauraceae	Laurus nobilis	SI-MSeed/BDUM/20/22	09/12/2020	35°51'28.8"N	14°23'52.9"E	182	4	no	0	no	filter paper	3	15	14	93	/	/	/	/	
BDM Seed bank	J8, MI1, AL	unpublished	Lauraceae	Laurus nobilis	SI-MSeed/BDUM/20/22	09/12/2020	35°51'28.8"N	14°23'52.9"E	182	15	no	0	no	filter paper	3	15	11	73	/	/	/	/	
BDM Seed bank	J8, MI1, AL	unpublished	Lauraceae	Laurus nobilis	SI-MSeed/BDUM/20/22	09/12/2020	35°51'28.8"N	14°23'52.9"E	182	15	no	12,12	no	filter paper	3	15	12	80	/	/	/	/	
BDM Seed bank	J8, MI1, AL	unpublished	Lauraceae	Laurus nobilis	SI-MSeed/BDUM/20/22	09/12/2020	35°51'28.8"N	14°23'52.9"E	182	20	no	0	no	filter paper	3	15	9	60	/	/	/	/	
BDM Seed bank	J8, MI1, AL	unpublished	Lauraceae	Laurus nobilis	SI-MSeed/BDUM/20/22	09/12/2020	35°51'28.8"N	14°23'52.9"E	182	20	no	18,6	no	filter paper	3	15	9	60	/	/	/	/	
BDM Seed bank	J8, MI1, AL	unpublished	Lauraceae	Laurus nobilis	SI-MSeed/BDUM/20/22	09/12/2020	35°51'28.8"N	14°23'52.9"E	182	25	no	0	no	filter paper	3	15	9	60	/	/	/	/	
BDM Seed bank	J8, MI1, AL	unpublished	Lauraceae	Laurus nobilis	SI-MSeed/BDUM/20/22	09/12/2020	35°51'28.8"N	14°23'52.9"E	182	25	no	16,8	no	filter paper	3	15	0	0	/	/	/	/	
BDM Seed bank	J8, MI1, AL	unpublished	Lauraceae	Laurus nobilis	SI-MSeed/BDUM/20/22	09/12/2020	35°51'28.8"N	14°23'52.9"E	182	21,5	yes	0	no	filter paper	3	15	0	0	/	/	/	/	
BDM Seed bank	J8, MI1, AL	unpublished	Lauraceae	Laurus nobilis	SI-MSeed/BDUM/20/22	09/12/2020	35°51'28.8"N	14°23'52.9"E	182	21,5	yes	16,8	no	filter paper	3	15	0	0	/	/	/	/	
BDM Seed bank	J8, MI1, AL	unpublished	Lamiaceae	Phlomis frutescens	SI-MSeed/BDUM/19/240	2019	35°54'13.1"N	14°22'45.8"E	179	4	no	0	no	filter paper	3	15	8	53	/	/	/	/	
BDM Seed bank	J8, MI1, AL	unpublished	Lamiaceae	Phlomis frutescens	SI-MSeed/BDUM/19/240	2019	35°54'13.1"N	14°22'45.8"E	179	15	no	12,12	no	filter paper	3	15	0	0	/	/	/	/	
BDM Seed bank	J8, MI1, AL	unpublished	Lamiaceae	Phlomis frutescens	SI-MSeed/BDUM/19/240	2019	35°54'13.1"N	14°22'45.8"E	179	20	no	18,6	no	filter paper	3	15	10	67	/	/	/	/	
BDM Seed bank	J8, MI1, AL	unpublished	Lamiaceae	Phlomis frutescens	SI-MSeed/BDUM/19/240	2019	35°54'13.1"N	14°22'45.8"E	179	25	no	0	no	filter paper	3	15	1	7	/	/	/	/	
BDM Seed bank	J8, MI1, AL	unpublished	Lamiaceae	Phlomis frutescens	SI-MSeed/BDUM/19/240	2019	35°54'13.1"N	14°22'45.8"E	179	21,5	yes	16,8	no	filter paper	3	15	12	80	/	/	/	/	
BDM Seed bank	J8, MI1, AL	unpublished	Fabaceae	Conivella valentina subsp. glauca	SI-MSeed/BDUM/21/26	04/06/2021	35°49'18.2"N	14°27'36.7"E	106	21,5	no	16,8	no	filter paper	4	100	31	31	11	17.00	23.00	18.82	
BDM Seed bank	J8, MI1, AL	unpublished	Fabaceae	Conivella valentina subsp. glauca	SI-MSeed/BDUM/21/26	04/06/2021	35°49'18.2"N	14°27'36.7"E	106	21,5	yes	16,8	24h 40°C	filter paper	4	100	30	8	12.36	20.00	12.73	15.80	
BDM Seed bank	J8, MI1, AL	unpublished	Fabaceae	Conivella valentina subsp. glauca	SI-MSeed/BDUM/21/26	04/06/2021	35°49'18.2"N	14°27'36.7"E	106	21,5	yes	16,8	24h 75°C to 24°C	filter paper	4	100	25	10	12.72	22.00	14.82	15.80	
BDM Seed bank	J8, MI1, AL	unpublished	Fabaceae	Conivella valentina subsp. glauca	SI-MSeed/BDUM/21/26	04/06/2021	35°49'18.2"N	14°27'36.7"E	106	21,5	yes	16,8	48h 40°C	filter paper	4	100	22	22	7	8.54	21.00	10.50	10.50
BDM Seed bank	J8, MI1, AL	unpublished	Fabaceae	Conivella valentina subsp. glauca	SI-MSeed/BDUM/21/26	04/06/2021	35°49'18.2"N	14°27'36.7"E	106	21,5	yes	16,8	48h 75°C to 24°C	filter paper	4	100	37	37	8	11.59	18.00	12.78	12.78
BDM Seed bank	J8, MI1, AL	unpublished	Fabaceae	Conivella valentina subsp. glauca	SI-MSeed/BDUM/21/26	04/06/2021	35°49'18.2"N	14°27'36.7"E	106	21,5	yes	16,8	72h 40°C	filter paper	4	100	20	20	8	10.54	20.00	11.60	11.60
BDM Seed bank	J8, MI1, AL	unpublished	Fabaceae	Conivella valentina subsp. glauca	SI-MSeed/BDUM/21/26	04/06/2021	35°49'18.2"N	14°27'36.7"E	106	21,5	yes	16,8	72h 75°C to 24°C	filter paper	4	100	40	40	8	10.25	20.00	10.90	10.90
BDM Seed bank	J8, MI1, AL	unpublished	Fabaceae	Conivella valentina subsp. glauca	SI-MSeed/BDUM/21/26	04/06/2021	35°49'18.2"N	14°27'36.7"E	106	21,5	yes	16,8	96h 40°C	filter paper	4	100	8	8	7	19.00	10.75	19.00	10.75
BDM Seed bank	J8, MI1, AL	unpublished	Fabaceae	Conivella valentina subsp. glauca	SI-MSeed/BDUM/21/26	04/06/2021	35°49'18.2"N	14°27'36.7"E	106	21,5	yes	16,8	96h 75°C to 24°C	filter paper	4	100	30	30	7	9.64	17.00	10.90	10.90

Department of Biology  
University of Malta  
Msida, Malta