

Table 1. Data collection on *Lithospermum officinale* and *Borago officinalis* seeds

N	Samples code	Sample location	Geographical coordinates	Climatic type*	Collection year
<i>L. officinale</i>					
1	A-17	Cultivated; Russian Academy of Sciences, N.V. Tsitsin	55.840 N 60.543 E	Dfb	2017
	A-16	Main Botanical Garden (RAS MBG), Moscow, Russia			2016
2	B-17	Cultivated; Russian Academy of Sciences, Ural branch: Institute Botanical Garden, Ekaterinburg, Russia	56.813 N 60.604 E	Dfb	2017
3	C-15	Cultivated; Botanical garden of Chechen State University, Grozny, Chechen Republic, Russia	43.318 N 45.694 E	Cfa	2015
4	D-17	Cultivated; Botanical garden of All-Russian Scientific Research Institute of Medicinal and Aromatic Plants, Moscow, Russia	55.567 N 37.569 E	Dfb	2017
5	E-17	Wild-growing species	46.872 N 42.053 E	Dfa	2017
	E-15	Rostov region, Orlov district, the village Orlovsky, Russia			2015
	E-14				2014
6	F-18	Cultivated; Botanical Garden of the Komarov Botanical Institute RAS (The Saint Petersburg Botanical Garden), Saint Petersburg, Russia	59.968 N 30.319 E	Dfb	2018
7	G-16	Wild-growing species Beloretsk district , Republic of Bashkortostan, Russia	H 422 m a.s.l., 53.021 N 57.040 E	Dfc	2016
8	H-18	Wild-growing species Republic of Buryatia, Mukhorshibirsky District, outskirts of the village Hariestka	51.249 N 107.657 E	Dwc	2018
9	I-19	Cultivated; Ukraine, M.M. Glushko National Botanical Garden National Academy of Sciences of Ukraine, Kiev	50.245 N 30.334 E	Dfb	2019
<i>B. officinalis</i>					
10	BO-1	Cultivated, University of Almeria	36.828 N 2.404 E	BWk	2019

* According to Köppen and Geiger (Peel et al., 2007).