

The genus *Dactylorhiza* Necker ex Nevski (Orchidaceae Juss.) in Kazakhstan and its response for global warming

Aidar A. Sumbembayev, Sławomir Nowak, Aleksandra Burzacka-Hinz, Adrianna Kosiróg, Dariusz L. Szlachetko

Table S1. List of localities from Kazakhstan used in the ecological niche modeling.

Taxon	Longitude	Latitude
D. incarnata	78,871	50,807
D. incarnata	67,122	51,757
D. incarnata	68,665	52,231
D. incarnata	69,014	51,53
D. incarnata	58,039	48,281
D. incarnata	57,529	48,752
D. incarnata	57,753	49,053
D. incarnata	58,022	49,104
D. incarnata	58,573	49,036
D. incarnata	58,408	49,66
D. incarnata	59,18	49,456
D. incarnata	59,475	49,632
D. incarnata	59,827	49,898
D. incarnata	55,744	48,534
D. incarnata	64,009	51,025
D. incarnata	63,798	50,27
D. incarnata	63,494	49,172
D. incarnata	75,931	48,185
D. incarnata	76,231	47,77
D. incarnata	76,719	48,054
D. incarnata	77,134	47,611
D. incarnata	77,769	47,401
D. incarnata	78,83	47,533
D. incarnata	76,328	48,088
D. incarnata	76,68	47,804
D. incarnata	77,52	47,555
D. incarnata	78,297	47,498
D. incarnata	77,429	43,055
D. incarnata	67,827	44,155
D. incarnata	68,525	43,753
D. incarnata	68,712	43,287
D. incarnata	68,281	42,595

D. salina	64,263	50,965
D. salina	79,585	43,928
D. salina	79,04	43,889
D. salina	78,547	43,991
D. salina	78,104	44,161
D. salina	79,971	42,947
D. salina	71,987	43,015
D. salina	72,548	43,038
D. salina	73,479	43,1
D. salina	67,872	44,32
D. umbrosa	81,248	50,398
D. umbrosa	69,683	51,221
D. umbrosa	59,204	49,226
D. umbrosa	58,134	48,477
D. umbrosa	80,067	47,424
D. umbrosa	85,291	47,765
D. majalis subsp. baltica	77,698	42,983