

Predicting range shifts of three endangered endemic  
plants of the Khorassan-Kopet Dagh floristic province  
under global change

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51-38796416, PO BOX 9177948974

decimalLongitude	decimalLatitude	Nepeta.binaloudensis
58.60859	36.6682	1
59.04881	36.32588	1
59.12677	36.28207	1
59.24686	36.21438	1
59.39079	36.99671	1
59.3987	37.00781	1
59.36183	36.97937	0
59.33874	36.9723	0
59.35057	36.96979	0
59.29109	36.95311	0
59.01947	36.83692	0
59.10613	36.33733	0
59.12553	36.38155	0
59.15599	36.42008	0
59.16349	36.43053	0
59.18635	36.44905	0
59.1991	36.4607	0
59.21352	36.46974	0
59.22557	36.48154	0
59.22229	36.49335	0
59.24055	36.50963	0
59.25917	36.52032	0
59.28256	36.53247	0
59.21331	36.53309	0
59.05428	36.28736	0
59.493	36.28445	0
59.07882	36.3053	0
59.11563	36.35953	0
59.13639	36.16472	0
59.47917	36.28861	0
59.49681	36.27522	0
59.53111	36.31196	0
59.5	35.5	0
60	36.316	0
63.30629	33.8855	0
55.09597	36.76064	0
62.45447	33.95406	0
57.67678	35.19537	0
63.03572	33.49345	0
57.69889	35.87946	0
64.36246	34.59253	0
54.57556	36.39169	0
59.184	36.13	1
59.282	36.249	1

59.108	36.282	1
59.206	36.306	1
59.131	36.312	1
59.108	36.371	1
59.284	36.428	1

decimalLatitude	decimalLongitude	Phlomoides.binaloudensis
36.087	59.288	1
36.121	59.37	1
36.274	59.116	1
36.305	59.155	1
36.354	58.889	1
36.377	59.258	1
36.584	58.949	1
36.59657	58.59321	1
36.78083	58.55241	1
36.36046	59.11382	1
36.3639	59.11003	1
36.72587	59.84027	0
36.68079	59.92821	0
36.69714	59.83772	0
36.6933	59.79366	0
36.69085	59.77002	0
36.75945	59.87055	0
36.7865	59.88192	0
36.78007	59.84174	0
36.74736	59.77523	0
36.77661	59.80681	0
36.75023	59.74981	0
36.66066	59.61685	0
36.69443	59.63573	0
36.80957	59.85363	0
36.79735	59.80603	0
36.78855	59.71586	0
36.78053	59.64075	0
36.76374	59.60461	0
36.75225	59.5694	0
36.70963	59.51126	0
36.73656	59.54857	0
36.74391	59.55933	0
36.76672	59.56239	0
36.84574	59.59843	0
36.83167	59.57944	0
36.90834	59.74107	0
36.88123	59.69605	0
36.86461	59.6513	0
36.85712	59.62217	0
36.81668	59.54302	0
36.81346	59.4931	0
36.96459	59.71897	0
36.91806	59.6534	0

36.90367	59.61714	0
36.89321	59.5878	0
36.87908	59.55394	0
36.8637	59.53741	0
36.84516	59.52282	0
36.82904	59.50353	0
36.80304	59.48163	0
36.77382	59.42939	0
36.80013	59.45515	0
36.82079	59.48514	0
36.84604	59.50428	0
36.88925	59.55656	0
36.91446	59.57303	0
36.93449	59.60411	0
36.93781	59.54898	0
36.91781	59.52216	0
36.9052	59.49514	0
36.89924	59.48142	0
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36.87993	59.44947	0
36.86421	59.43076	0
36.85082	59.4125	0
36.82932	59.39336	0
36.83251	59.36401	0
36.85704	59.37502	0
36.87798	59.40154	0
36.88912	59.41974	0
36.90673	59.42252	0
36.92152	59.44999	0
36.93699	59.45983	0
36.97345	59.48022	0
36.99489	59.51211	0
37.02616	59.53403	0
36.99658	59.47834	0
36.97833	59.42321	0
36.97149	59.40169	0
36.95078	59.38326	0
36.93573	59.35447	0
36.91037	59.3211	0
36.90191	59.31593	0
36.92895	59.32427	0
36.84723	59.28712	0
36.89299	59.30308	0
36.93543	59.31138	0
37.00958	59.38496	0

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37.00578	59.32974	0
37.00474	59.28308	0
37.02931	59.30033	0
37.03428	59.24338	0
37.07683	59.1004	0
36.9933	59.01839	0
37.05623	59.05242	0
37.05192	58.97054	0
36.97395	58.78465	0
37.03526	58.78311	0
37.09076	58.71078	0
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36.71048	60.18659	0
36.69877	60.12353	0
36.67315	60.02527	0
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36.84802	59.79867	0
36.834	59.75032	0
36.68648	59.67176	0
36.97482	59.64401	0
36.96569	59.61726	0
36.9428	59.58962	0
36.92633	59.57685	0
36.75098	59.00311	0
36.72546	58.99801	0
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36.63369	59.06737	0
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36.60017	59.27708	0
36.50842	59.46393	0
36.57348	60.02637	0

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36.64006	59.90089	0
36.69205	59.9505	0
36.70589	60.06947	0
36.74097	60.1353	0
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36.76058	59.63706	0
36.72617	59.61535	0
36.71188	59.60217	0
36.69208	59.5939	0
36.75444	59.61189	0
36.76461	59.51963	0
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36.73929	59.41904	0
36.74317	59.37281	0
36.70056	59.32138	0
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36.64842	59.3232	0
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37.18451	58.93679	0
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37.17744	59.21417	0
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37.10749	59.38991	0
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36.94362	59.11303	0
36.89063	59.04438	0
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36.63545	59.74637	0
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37.48082	58.78849	0
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36.805	59.75915	0
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37.72075	58.31453	0
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36.76782	55.20019	0
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37.37109	56.09588	0
37.45043	56.41716	0
38.80722	57.7982	0
37.82522	58.07355	0
37.35539	54.4676	0
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35.36968	58.51215	0
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35.36217	58.65041	0
35.34526	58.64843	0
35.33326	58.6522	0
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35.37261	58.44396	0
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35.36889	58.25293	0
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35.44377	58.30102	0
35.45778	58.35392	0
35.44928	58.35984	0
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35.26463	59.14178	0
35.25627	59.15114	0
35.26127	59.17111	0
35.26075	59.18886	0
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35.23866	59.15601	0
35.29713	59.12871	0
35.28699	59.11284	0
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35.277	59.07838	0
35.24984	59.08443	0
35.2402	59.10277	0
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35.25843	59.1142	0
35.26416	59.12578	0
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36.32304	57.6829	0
36.32548	57.70544	0
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36.35187	57.75715	0
36.36527	57.69769	0
36.36868	57.67835	0
36.37568	57.63086	0
36.38151	57.60539	0
36.3969	57.6197	0
36.40404	57.69305	0

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36.44731	57.60806	0
36.44786	57.56328	0
36.44262	57.65782	0
36.42585	57.4708	0
36.39843	57.43774	0
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36.47904	56.96179	0
36.49078	56.91475	0
36.57191	56.9131	0
36.61887	56.97025	0
36.57903	56.88099	0
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35.77661	59.54108	0
35.79855	59.50884	0
35.79207	59.44808	0
35.75983	59.41854	0
35.72512	59.41773	0
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35.71201	59.27765	0
35.7631	59.28819	0
35.7848	59.33468	0
35.79834	59.46351	0
35.8092	59.51564	0
35.80852	59.47539	0

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35.7967	59.39654	0
35.77611	59.31988	0
35.80742	59.32285	0
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35.71045	59.25266	0
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35.22184	60.305	0
35.21815	60.28941	0
35.21178	60.28027	0
35.19999	60.28837	0
35.20178	60.31065	0
35.18414	60.33048	0
35.19181	60.35425	0
35.19832	60.36249	0
35.18962	60.37011	0
35.17668	60.36943	0
35.16564	60.36496	0
35.15447	60.35697	0
35.15479	60.37349	0
35.15592	60.39239	0
35.14816	60.40849	0
35.13933	60.39025	0
35.13816	60.37323	0
35.12848	60.41686	0
35.11789	60.41428	0
35.10804	60.40233	0
35.09698	60.42295	0
35.08108	60.43692	0
35.06995	60.44436	0
36.46553	59.20143	0
36.45062	59.18848	0
36.44226	59.172	0
36.42833	59.15121	0
36.42427	59.16172	0
36.41895	59.14681	0
36.29559	59.6452	0
36.29335	59.06367	0
36.28337	59.05027	0



decimalLatitude	decimalLongitude	Euphorbia.ferdowsiana
36.345	59.055	1
36.28	59.124	1
36.316	59.202	1
36.30516	59.07874	1
36.30613	59.0787	1
36.087	59.288	0
36.121	59.37	0
36.274	59.116	0
36.305	59.155	0
36.354	58.889	0
36.377	59.258	0
36.584	58.949	0
36.59657	58.59321	0
36.78083	58.55241	0
36.36046	59.11382	0
36.3639	59.11003	0
36.72587	59.84027	0
36.68079	59.92821	0
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36.6933	59.79366	0
36.69085	59.77002	0
36.75945	59.87055	0
36.7865	59.88192	0
36.78007	59.84174	0
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36.75023	59.74981	0
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36.78053	59.64075	0
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36.75225	59.5694	0
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36.83167	59.57944	0
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36.81346	59.4931	0
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36.91806	59.6534	0
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36.99489	59.51211	0
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37.24458	59.07515	0
37.22337	59.07305	0
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36.85629	59.77853	0
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36.28337

59.05027

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