

Supplementary Data

Achene morphology of Turkish *Carthamus* species

Burcu Tarıkahya Hacıoğlu<sup>1</sup>, Yusuf Arslan<sup>1</sup>, İlhan Subaşı<sup>1</sup>, Duran Katar<sup>2</sup>, Ali Savaş Bülbül<sup>3</sup>, Talip Çeter<sup>4</sup>

Supplementary data: List of investigated populations and codes

SPECIES	CODE	LOCALITY
<i>C. dentatus</i>	CD1	Afyon: Afyon, Emirdağ turnout, road side, steppe, 998 m
	CD2	Isparta: Keçiborlu-Yalvaç road, road side, 1027 m
	CD3	Antalya: Serik, Yukarıkocayatak, Cami Kırığı, D400 highway, 14 m
	CD4	Antalya: Manavgat, Taşağıl-Köprülü Canyon road, 64 m
	CD5	Antalya: Kemer-Kumluca road, 502 m
	CD6	Muğla: Dalaman, Fethiye entrance, road side, 122 m
	CD7	Muğla: Akçapınar, Muğla exit, 141 m
	CD8	Muğla: Yatağan-Çine road, 320 m
	CD9	Aydın: Adnan Menderes University Campus gate, steppe, 152 m
	CD10	Aydın: Near Kuşadası, Çamlık, road side, 253 m
	CD11	İzmir: Karşıyaka, Yamanlar mountain, highway, 46 m
	CD12	Manisa: Manisa-Menemen road exit, road side, empty places, 46 m
	CD13	Manisa: Salihli-Kula road, road side, 86 m
	CD14	Eskişehir: Ankara-Eskişehir road, Sivrihisar turnout, road side, 1043 m
	CD15	Kırklareli: Edirne-Kırklareli turnout, Taşağıl, empty places in village, 94 m
	CD16	Bursa: Bursa-Karacabey road, road side, steppe, 24 m
	CD17	Çanakkale: between Biga-Lapseki, Adatepe village, road side, 48 m
	CD18	Çanakkale: Gelibolu-Keşan road, 41 km to Keşan, road side, 17 m
	CD19	Afyon: Afyon-Ankara road, near Karakaya turnout, road side, 1146 m
	CD20	Antalya: Demre, near Kaş exit, marshy areas, 10 m
	CD21	Uşak: Uşak-Afyon road, road side, 863
	CD22	Kütahya: Afyon-Kütahya road, between Doğalar-Pusan, road side, 1145 m
	CD23	Kırşehir: Kırşehir-Nevşehir road, near Petlas, road side, 1103 m
	CD24	Kırıkkale: Kırıkkale-Kırşehir road, road side, 689 m
	CD25	Sivas: Samsun-Erzincan road, near Yukarı Kale, road side, 674 m
	CD26	Nevşehir: Ürgüp, Nevşehir-Kayseri road, road side, 1091 m
	CD27	Kırıkkale: Ankara-Samsun road, near Balışeyh, 879 m
	CD28	Karaman: Ermenek-Sarıveliler road, road side, 1139 m
	CD29	Afyon: Afyon-Burdur road, near Sandıklı, road side, 1013 m
	CD31	Ankara: Çubuk, Karagöl road, road side
	CD32	Ankara: Altındağ, Baraj street, road side, 883 m
	CD33	Muğla: Fethiye-Antalya road, near Bozyer, road side, 133 m
	CD34	İstanbul: İstanbul-Silivri road, Gümüşyaka, road side, 36 m
	CD35	Muğla: Kalkan-Muğla road side, Sidyma junction, 107 m
	CD36	Mersin: Anamur -Ermenek road, Abanoz exit, road side, forest clearings, 1322 m
	<i>C. glaucus</i>	CG1
CG2		Karabük: Gerede-Karabük road, road side, 644 m
CG3		Sinop: Sinop-Gerze road, near Sinop exit, road side, 6 m
CG4		Amasya: Ferhat mountain, road side, steppe, 398 m
CG5		Mersin: Near Anamurium, 12 m
CG6		Adana: Mersin-Adana road, ca. 17 km to Adana, highway, 96 m
<i>C. lanatus</i>	CL1	Antalya: Manavgat, between Taşağıl-Beşkonak, 45 m
	CL2	Antalya: Manavgat, Taşağıl-Köprülü Canyon road, 50 m
	CL3	Antalya: Demre-Kaş road, road side, 451 m
	CL4	Aydın: Kuşadası, Pygela beach turnout, road side, 9 m
	CL5	İstanbul: İstanbul-Silivri road, Gümüşyaka, road side, 36 m
	CL6	Karabük: Gerede-Karabük road, road side, 644 m
	CL7	Kastamonu: Taşköprü-Sinop road, road side, 560 m
	CL8	Kastamonu: Between Taşköprü-Boyabat, ca. 30 km to Boyabat, road side, 386 m
	CL9	Sinop: Sinop-Gerze road, near Sinop exit, road side, 6 m
	CL10	Amasya: 32 km to Suluova, road side, 485 m
	CL11	Balıkesir: Bursa-Çanakkale road 3rd km, Bandırma, Yenimahalle, 101 m
	CL12	Bursa: 70 km to Bursa, Mezitler, Bursa exit, forest clearings, road side, 422 m

	CL13	Ankara: Sincan, Ayaş road, Saraycık, 872 m
	CL14	Ankara: Akyurt exit, near Kütükcü farm, steppe, 1060 m
	CL15	Ankara: Kalecik, Çandır, Çandır entrance, field edges, 934 m
	CL16	Ankara: Near Temelli, road side, 790 m
	CL17	Antalya: Kaş peninsula, 40 m
	CL18	Sivas: Sivas-Erzincan road, Suşehri entrance, 927 m
	CL19	Kırıkkale: Near Işıklar village, road side, 794 m
	CL20	Kırıkkale: Balışeyh-Çorum road, road side, 892 m
	CL21	Kırıkkale: Near Balışeyh, 892 m
	CL22	Yozgat: Sivas-Yozgat road, Doğan kent entrance, 1090 m
	CL23	Kayseri: Kayseri-Niğde road, between Yeşilhisar-İçmece, road side, 1109 m
	CL24	Tekirdağ: Malkara-Hayrabolu road, Kozyörük entrance, road side, 125 m
	CL25	Ankara: Ankara-Konya road, near Şereflikoçhisar, 1599 m
	CL26	Ankara: Sincan, Çimşit village exit, 856 m
	CL27	Ankara: Ankara-Konya road, road side, 1065 m
	CL28	Konya: Aksaray-Adana road, 55 km to Ulukışla, road side, 1155 m
<i>C. persicus</i>	CP1	Ankara: Haymana, Gökçehöyük village, Haymana exit, empty places, 1074 m
<i>C. tenuis</i> subsp. <i>tenuis</i>	CT3	Mersin: Erdemli, Kumkuyu, 22 m
<i>C. tenuis</i> subsp. <i>gracillimus</i>	CT1	Antalya: Antalya-Muğla road, Kalkan entrance, road side, steppe, 103 m
	CT2	Antalya: Antalya-Muğla road, Kalkan entrance, road side, steppe, 144 m