

Table S1. List of Sardinian *Teucrium* taxa selected for this study

Taxon	Label	Voucher specimen	Collection sites	GPS coordinates	Information on collection sites
<i>Teucrium capitatum</i> L. subsp. <i>capitatum</i>	Tcsc	CAG 1123a	Su Crastu biancu - San Vero Milis (OR)	40° 2'48.97"N 8°25'51.09"E	(1) June; (2) sandstone; (3) 179.10 m; (4) 10 m a.s.l; (5) coastal garrigue; (6) 23 °C and 10 mm; (7) upper thermomediterranean, lower dry, euoceanic strong; (8) Sardinian, thermomediterranean psammophilous micro-geoseries of coastal dunes (<i>Cakiletea</i> , <i>Ammophiletea</i> , <i>Crucianellion maritima</i> , <i>Malcolmietalia</i> , <i>Juniperion turbinatae</i>)
<i>Teucrium chamaedrys</i> L. subsp. <i>chamaedrys</i>	Tcha	CAG 1119a	Pauli longa - Laconi (OR)	39°51'42.31" N 9° 8'24.87"E	(1) June; (2) dark carbonaceous metapelites; (3) 42644.42 m; (4) 803 m a.s.l; (5) wetland; (6) 20 °C and 50 mm; (7) upper mesomediterranean, lower subhumid, euoceanic weak; (8) central Sardinian, silicicolous, meso-supratemperate series of <i>Loncomelo pyrenaici-Quercetum ichnusae</i>
<i>Teucrium flavum</i> L. subsp. <i>glaucum</i> (Jord. & Fourr.) Ronniger	Tfsg	CAG 1117a	Nulvi (SS)	40°46'41.51"N 8°44'20.02"E	(1) July; (2) sandstone; (3) 12719.11 m; (4) 513 m a.s.l; (5) garrigue; (6) 22 °C and 20 mm; (7) lower mesomediterranean, lower subhumid, euoceanic weak; (8) central-western Sardinian, silicicolous, mesomediterranean series of <i>Violo dehnhardtii-Quercetum suberis</i>
<i>Teucrium marum</i> L.	Tmar	CAG 1115a	Calamosca - Cagliari (CA)	39°11'5.32"N 9° 8'54.79"E	(1) July; (2) sandstone; (3) 130.50 m; (4) 25 m a.s.l; (5) costal garrigue; (6) 24 °C and 10 mm; (7) lower thermomediterranean, lower dry, euoceanic strong; (8) Sardinian thermomediterranean series of <i>Oleo-Juniperetum turbinatae</i>
<i>Teucrium massiliense</i> L.	Tmas	CAG 1122a	Loc. Bardacolo - Sorgono (NU)	40° 1'52.21"N 9° 3'56.66"E	(1) June; (2) tonalites; (3) 55326.74 m; (4) 770 m a.s.l; (5) forest; (6) 20 °C and 20 mm; (7) upper mesomediterranean, upper subhumid, semicontinental weak; (8) Sardinian, silicicolous, thermo-mesomediterranean series of <i>Galio scabri-Quercetum suberis</i>
<i>Teucrium scordium</i> subsp. <i>scordioides</i> (Schreb.) Arcang.	Tsss	CAG 1120a	Pauli longa - Laconi (OR)	39°51'42.31" N 9° 8'24.87"E	(1) June; (2) dark carbonaceous metapelites; (3) 42644.42 m; (4) 803 m a.s.l; (5) wetland; (6) 20 °C and 50 mm; (7) upper mesomediterranean, lower subhumid, euoceanic weak; (8) central Sardinian, silicicolous, meso-supratemperate series of <i>Loncomelo pyrenaici-Quercetum ichnusae</i>

<i>Teucrium scorodonia</i> L.	Tsco	CAG 1118a	Monte Sant' Antonio - Macomer (NU)	40°14'11.01"N 8°40'55.13"E	(1) June; (2) basalt; (3) 18550.93 m; (4) 750 m a.s.l; (5) forest fringes; (6) 19 °C and 20 mm; (7) upper mesomediterranean, upper subhumid, euoceanic weak; (8) central Sardinian, silicicolous, meso-supratemperate series of <i>Loncomelo pyrenaici-Quercetum ichnusae</i>
<i>Teucrium subspinosum</i> Pourr. ex Willd.	Tsub	CAG III4a	Marganai Mountain - Iglesias (SU)	39°20'56.20"N 8°34'26.74"E	(1) July; (2) limestone; (3) 10809.04 m; (4) 489 m a.s.l; (5) forest; (6) 22 °C and 10 mm; (7) upper mesomediterranean, upper subhumid, euoceanic weak; (8) central-southern Sardinian, calcicolous, meso-supramediterranean series of <i>Aceri monspessulani-Quercetum ilicis</i>

In the last column the following information has been reported: (1) Collection period of plant materials; (2) substratum of collection sites; (3) distance from the sea; (4) altitude; (5) type of habitat; (6) medium temperature and precipitation of the month of collection; (7) bioclimate - isobioclimates; (8) vegetation and vegetation series