

**Table S1.** List of the studied sites, their location, coordinates (Coord.), lithology (Bas = basalts; Gra = granitoids; Grd = granodiorites; Lim = Limestones; Met = metamorphic rocks), elevation (Elev.), and number of plots for searching recruitment. In the column Plots, the statement “all” means that all the site has been checked.

code	Zone	Locality	Municipality	Coord. X	Coord. Y	Litholog y	Elev. (m a.s.l.)	Plots
1	Gennargentu	Rio Aratu (Cuile S'Arena)	Desulo	4429965.68	524514.86	Met	1000-1500	2
2	Gennargentu	Funtana S'Enis (Riu Correboi)	Fonni/Villagrande S.	4434953.89	529090.74	Grd	1220-1380	3
3	Gennargentu	Cuile Mattarano	Arzana	4423401.94	530028.84	Grd	1080-1100	all
4	Supr. Ba. Ur.	Su Clovu	Baunei	4440926.51	549738.75	Lim	800-815	all
5	Gennargentu	Bacu Searthu (Rio Is Enis)	Villagrande Srisaili	4428453.29	528739.61	Met	1200-1250	all
6	Supr. Ba. Ur.	Bacu Addas	Baunei	4443448.22	550511.05	Lim	575-815	2
7	Marghine	Mularza Noa	Bolotana	4467473.85	492382.21	Bas	925-975	4
8	Gennargentu	Bacu Sa Mandara	Villagrande Srisaili	4434900.87	534512.49	Met	1100-1300	all
9	Gennargentu	Fun. Ortu is Arangios	Desulo/Arzana	4426807.76	527057.69	Gra	1450-1650	4
10	Supr. Ba. Ur.	S'Eni Pidargiu	Baunei	4441941.45	549299.43	Lim	880-900	all
11	Supr. Ba. Ur.	Gorropeddu	Baunei/Urzulei	4444073.28	548113.99	Lim	770-790	all
12	Supr. Ol. Or. Ur	M. Novo S. Giovanni	Orgosolo	4441061.81	535337.22	Lim	1150-1250	2
13	Supr. Ol. Or. Ur	Riu S'Eni	Orgosolo	4441083.20	537149.01	Lim	880-1000	all
14	Ogliastra	Baccu Is Enis	Villagrande Srisaili	4425022.46	540808.37	Met	900-1000	all
15	Catena del Linas	Canali 'e Nesta	Gonnosfanadiga	4366499.67	467928.70	Gra	875-925	all
16	Supr. Ol. Or. Ur	Monte Fumai	Orgosolo	4439778.13	534058.66	Lim	1135-1285	2
17	Montalbo Lula	Sa Marmurata	Lula	4480001.45	544856.07	Lim	730-770	all
18	Limbara	P. Berritta (Valle Suprappare)	Berchidda	4521812.33	514725.33	Gra	1100-1350	3
19	Supr. Ol. Or. Ur	Su Suercone	Orgosolo	4450898.69	540725.44	Bas	690-850	3
20	Goceano	Sos Nibberos	Bono	4474704.18	499667.91	Met	950-1100	5
21	Montalbo Lula	S'Ortu 'e Trullio	Lula	4479573.54	544357.29	Lim	850-920	all
22	Ogliastra	Su Candelassargiu	Gairo	4413262.05	539209.76	Lim	950-1020	3
23	Monti del Sulcis	Canale Longufresu	Uta	4333134.82	486580.45	Gra	815-900	all
24	M. di Alà	Ferulas (Tassu Mannu)	Alà dei Sardi	4505089.50	524355.92	Gra	930-1010	all
25	Barbagia Seulo	Rio Longufresu (Stampu Turrunu)	Seulo/Sadali	4411121.58	522656.55	Lim	750-900	4
26	Ogliastra	Rio Taquisara	Gairo/Ussassai	4410059.66	538644.05	Lim	720-750	all
27	Montalbo Lula	Su Renagliu	Lula	4479336.81	544107.03	Lim	850-1010	all
28	M. Nieddu Gal.	S'Inferu	San Teodoro	4509821.26	548552.41	Gra	470-600	all
29	Marghine	Rio Biralotta	Bolotana	4467122.61	492323.45	Bas	1000-1020	3
30	Lerno	Rodè	Pattada	4495729.55	513584.56	Gra	850-900	all
31	M. Nieddu Gal.	Rio Badde Niedda	Padru	4512162.56	548449.86	Gra	270-500	2
32	Monti del Sulcis	Canale Longuvresu	Pula	4320046.36	490859.66	Gra	535-555	all
33	Ogliastra	Rio Ermolinus	Seui	4413476.21	533629.79	Lim	800-1100	5
34	Goceano	Funtana Tassu (Nuraghe Su Tassu)	Bultei	4484445.08	505586.34	Met	940-980	4
35	Limbara	Riu di Li Tassi	Tempio	4519283.38	504768.00	Gra	530-610	all
36	Sarcidano	Funtana Mela (Rio Bau Onu)	Laconi	4413936.19	508007.54	Lim	650-750	5
37	Limbara	Rio Rizzolu 'e Curadore	Oschiri/Tempio	4520055.63	507713.74	Met	430-630	5
38	Montiferru	Rio S'Abba Lughida	Cuglieri/S. Lussurgiu	4445650.43	467208.66	Bas	850-890	3
39	Limbara	P. Bandera NW (Funtana Bandera)	Tempio/Calangian us	4522636.70	515748.78	Gra	1200-1330	5
40	Limbara	Ghjrioni (M. Niiddoni. NE)	Calangianus	4524101.23	517679.64	Gra	850-1000	5