

Supplementary Tables S2: Analysis of the plant number with anti-diabetic potential in Serra da Estrela Natural Park. (Group A, B, C and D).

	Family	Total number of species	Number of species with anti-diabetic potential	Group A. Number of families with more than three plants with anti-diabetic potential (13 families/85 species).
1	Asteraceae	108	21	
2	Lamiaceae	29	12	
3	Fabaceae	74	9	
4	Rosaceae	28	8	
5	Caryophyllaceae	60	6	
6	Polygalaceae	22	5	
7	Apiaceae	29	4	
8	Asparagaceae	13	4	
9	Ericaceae	13	4	
10	Boraginaceae	13	3	
11	Geraniaceae	9	3	
12	Hypericaceae	8	3	
13	Fagaceae	7	3	

Group B. Number of families with only two plants with anti-diabetic potential (12 families/24 species).

	Family	Total number of species	Number of species with anti-diabetic potential
1	Brassicaceae	33	2
2	Cistaceae	16	2
3	Amaryllidaceae	15	2
4	Scrophulariaceae	10	2
5	Papaveraceae	9	2
6	Caprifoliaceae	5	2
7	Gentianaceae	5	2
8	Urticaceae	3	2
9	Malvaceae	3	2
10	Cupressaceae	2	2
11	Cytinaceae	2	2
12	Pinaceae	2	2

Group C. Number of families with only one plant with anti-diabetic potential (30 families/30 species).

	Family	Total number of species	Number of species with anti-diabetic potential
1	Pteridaceae	6	1
2	Poaceae	81	1
3	Juncaceae	18	1
4	Rubiaceae	17	1

5	Campanulaceae	11	1
6	Dryopteridaceae	7	1
7	Betulaceae	4	1
8	Primulaceae	4	1
9	Portulacaceae	3	1
10	Oleaceae	3	1
11	Solanaceae	3	1
12	Amaranthaceae	2	1
13	Lycopodiaceae	2	1
14	Lythraceae	2	1
15	Thymelaeaceae	2	1
16	Ulmaceae	2	1
17	Lauraceae	1	1
18	Cannabaceae	1	1
19	Convolvulaceae	1	1
20	Cucurbitaceae	1	1
21	Dioscoreaceae	1	1
22	Moraceae	1	1
23	Myrtaceae	1	1
24	Oxalidaceae	1	1
25	Phytolaccaceae	1	1
26	Simaroubaceae	1	1
27	Taxaceae	1	1
28	Verbenaceae	1	1
29	Vitaceae	1	1
30	Buxaceae	1	1

Group D. Number of families without plants with anti-diabetic potential (42 families).

	Family	Total number of species	Number of species with anti-diabetic potential
1	Plantaginaceae	27	0
2	Ranunculaceae	21	0
3	Cyperaceae	19	0
4	Crassulaceae	14	0
5	Onagraceae	7	0
6	Orchidaceae	6	0
7	Orobanchaceae	8	0
8	Liliaceae	8	0
9	Salicaceae	7	0
10	Aspleniaceae	6	0
11	Euphorbiaceae	5	0
12	Plumbaginaceae	5	0
13	Resedaceae	5	0
14	Saxifragaceae	5	0
15	Violaceae	5	0
16	Iridaceae	4	0
17	Woodsiaceae	4	0
18	Santalaceae	3	0
19	Apocynaceae	2	0
20	Araliaceae	2	0
21	Paeoniaceae	2	0
22	Typhaceae	2	0
23	Valerianaceae	2	0
24	Xanthorrhoeaceae	2	0
25	Colchicaceae	1	0
26	Commelinaceae	1	0
27	Dennstaedtiaceae	1	0
28	Droseraceae	1	0

29	Elatinaceae	1	0
30	Haloragaceae	1	0
31	Melanthiaceae	1	0
32	Menyanthaceae	1	0
33	Potamogetonaceae	1	0
34	Proteaceae	1	0
35	Rhamnaceae	1	0
36	Sapindaceae	1	0
37	Osmundaceae	1	0
38	Alismataceae	1	0
39	Aquifoliaceae	1	0
40	Araceae	1	0
41	Aristolochiaceae	1	0
42	Blechnaceae	1	0