

Table S1

DNA yields from 20 soil samples collected from the wild site of *Dactylorhiza incarnata* ssp. *ochroleuca*

Sample ID	DNA (ng/μl)	260/280	260/230
1	84	1.8	1.5
2	70	1.9	1.4
3	78	1.9	1.1
4	90	1.8	1.4
5	99.1	1.61	0.95
6	48.8	1.87	2.01
7	87	1.7	1.3
8	103	1.9	1.6
9	42.1	1.94	0.83
10	164	1.8	1.4
11	57	1.9	1.5
12	95	1.9	1.5
13	140	1.8	1.1
14	118	1.8	1.3
15	76	1.8	1.5
16	82	1.8	1.5
17	104	1.8	1
18	104	1.8	1.8
19	71	1.8	1.5
20	91	1.7	1.2

Table S2. Metabarcoding results of soil samples of *Dactyloctenium aegyptium* ssp. *ochroleuca* collected from 20 sites showing community composition and relative abundance percentages.

[illegible]

[illegible]

Table S3. Soil analysis results showing p values from Pearson Correlation analysis of all plots studied, orchid hosting plots, and non-orchid hosting plots

[illegible]

ORCHID PLOTS

[illegible]

NON-ORCHID PLOTS ONLY

[illegible]