

Table S2. Table of species presence within PA network in Armenia. A value of 1 means that the species was found within the PA site, a value of 0 means that there were no occurrence datapoints found within the PA site. Data on species presence is taken from herbarium records, field observations and GBIF records. Species names is derived from the World Checklist of Vascular Plants and the Plants of the World Online database. PA network names are derived from the World Database for Protected Areas (accessed September 2021).

Accepted name	Akhnabat Yew Grove	Arevik	Arzakan-Meghradzor	Boghaqar	Dilijan	Gandzakar	Goris	Gyulagarak	Herher Open Woodland	Ijevan	Jermuk Forest	Juniper Open Woodland	Khosrov Forest	Lake Arpi	Margahovit	Plane Grove	Sevan	Shikahogh	Zangezur	Zikatar	Total in PA
<i>Anacamptis coriophora</i> (L.) R.M.Bateman, Pridgeon & M.W.Chase	0	0	1	0	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	4
<i>Anacamptis morio</i> (L.) R.M.Bateman, Pridgeon & M.W.Chase	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Anacamptis palustris</i> (Jacq.) R.M.Bateman, Pridgeon & M.W.Chase	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Anacamptis pyramidalis</i> (L.) Rich.	0	1	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	5
<i>Cephalanthera damasonium</i> Mill.	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	4
<i>Cephalanthera kotschyana</i> Renz & Taubenheim	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
<i>Cephalanthera kurdica</i> Bornm. ex Kraenzl.	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Cephalanthera longifolia</i> (L.) Fritsch	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	3
<i>Cephalanthera rubra</i> (L.) Rich.	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	5
<i>Corallorhiza trifida</i> Chätel.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
<i>Dactylorhiza euxina</i> (Nevski) Czerep.	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	5
<i>Dactylorhiza iberica</i> (M.Bieb. ex Willd.) Soó	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dactylorhiza incarnata</i> (L.) Soó	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dactylorhiza incarnata subsp. allicica</i> (Klinge)	0	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1	0	6
<i>Dactylorhiza romana</i> (Sebast.) Soó	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Dactylorhiza romana subsp. georgica</i> (Klinge)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Dactylorhiza salina</i> (Turcz. ex Lindl.) Soó	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dactylorhiza sambucina</i> (L.) Soó	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dactylorhiza urvilleana</i> (Steud.) H.Baumann & Künkele	0	1	1	0	1	0	0	1	0	1	0	0	0	0	1	0	1	0	0	0	7
<i>Dactylorhiza viridis</i> (L.) R.M.Bateman, Pridgeon & M.W.Chase	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Epipactis atrorubens</i> (Hoffm.) Besser	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Epipactis helleborine</i> (L.) Crantz	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	7
<i>Epipactis persica</i> (Soó) Hausskn. ex Nannf.	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	3
<i>Epipactis palustris</i> (L.) Crantz	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
<i>Epipactis veratrifolia</i> Boiss. & Hohen.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Epipogium aphyllum</i> Sw.	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Gymnadenia conopsea</i> (L.) R.Br.	0	0	1	0	1	0	0	0	0	1	0	0	0	1	1	0	0	1	0	0	6
<i>Limodorum abortivum</i> (L.) Sw.	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
<i>Neotinea tridentata</i> (Scop.) R.M.Bateman, Pridgeon & M.W.Chase	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
<i>Neottia nidus-avis</i> (L.) Rich.	1	1	1	0	1	0	0	1	0	1	0	0	0	0	1	0	0	1	0	0	8
<i>Neottia ovata</i> (L.) Bluff & Fingerh.	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
<i>Ophrys apifera</i> Huds.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ophrys scolopax</i> Cav.	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
<i>Ophrys scolopax subsp. cornuta</i> (Steven) E.G.Camus in E.G.Camus, P.Bergon & A.A.Camus	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
<i>Ophrys sphegodes subsp. taurica</i> (Aggeenko) Soó ex Niketic & Djordjevic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Orchis mascula</i> (L.) L.	0	1	0	0	1	0	0	0	1	0	0	1	1	0	0	0	1	1	0	0	7
<i>Orchis militaris</i> L.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Orchis militaris subsp. stevenii</i> (Rchb.f.) B.Baumann, H.Baumann, R.Lorenz & Ruedi Peter	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Orchis punctulata</i> Steven ex Lindl.	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
<i>Orchis purpurea</i> Huds.	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
<i>Platanthera bifolia</i> (L.) Rich.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Platanthera chlorantha</i> (Custer) Rchb.	0	1	0	0	1	0	0	0	0	1	0	1	1	0	0	0	0	1	0	0	6
<i>Steveniella satyrioides</i> (Spreng.) Schltr.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Trautsteinera sphaerica</i> (M.Bieb.) Schltr.	0	0	0	0	2	0	0	1	0	0	0	0	0	6	0	0	0	0	0	0	9
Total number of species per PA	1	17	4	1	18	1	1	4	1	14	1	2	6	8	4	1	6	13	2	1	