

S3 Table. List of samples, vernacular names, Genbank accession numbers, putative species identification, simple and optimized BLAST results and final identifications based on the integrative approach.

Voucher	Plant part	Vernacular name	Family	Scientific name based on morphology	Putative scientific name based on matching vernacular names with scientific literature	Sequence in GenBank for ITS	Sequence in GenBank for trnL-F	Deposited ITS GenBank accessions	Deposited trnL-F GenBank accessions	Simple BLAST approach			Optimized BLAST approach			Integrative approach				
										ITS	trnL-F	ITS and trnL-F combined	ITS	trnL-F	ITS and trnL-F combined	BLAST ITS with a priori & a posteriori data	GB matches V=vouchered U=unvouchered	BLAST trnL-F with a priori & a posteriori data	GB matches V=vouchered U=unvouchered	BLAST trnL-F + Morphology
Kh001	Seed	Zireh sabz	Apiaceae	<i>Cuminum cyminum</i> L.	<i>Cuminum cyminum</i> L.	Species	Family	KR150163	KR150213	<i>Cuminum cyminum</i> L.	Apiaceae	<i>Cuminum cyminum</i> L.	<i>Osmorhiza bipinnata</i> Constance & Shan	Apiaiceae	<i>Cuminum cyminum</i> L.	KF160677 (V)	<i>Anthriscus cerefolium</i> (L.) Hoffm.	GU456628 (U)	<i>Cuminum cyminum</i> L.	
Kh003	Crushed aerial parts	Ostokhodos	Lamiaceae	<i>Nepeta</i> sp.	<i>Stachys</i> spp., <i>Nepeta menthoides</i> Boiss. & Buhse, <i>Lavandula</i> spp.	G, S, G	G, S, G	KR150166	KR150216	<i>Nepeta</i> sp.	<i>Nepeta</i> sp.	<i>Nepeta</i> sp.	<i>Nepeta racemosa</i> Lam.	<i>Nepeta racemosa</i> Lam.	<i>Nepeta glomerulosa</i> Boiss.	AJ515317 (U)	<i>Nepeta racemosa</i> Lam.	AJ505432 (V)	<i>Nepeta racemosa</i> Lam.	
Kh004	Leaves	Marzeh	Lamiaceae	<i>Satureja</i> sp.	<i>Satureja laxiflora</i> C.Koch	Genus	Genus	KR150164	KR150214	<i>Satureja montana</i> L.	Lamiaceae	<i>Satureja montana</i> L.	<i>Satureja</i> sp.	<i>Satureja</i> sp.	<i>Satureja</i> sp.	<i>Satureja hortensis</i> AY227143 (U)	<i>Satureja mutica</i> Fisch. & C.A.Mey.	GU381619 (V)	<i>Satureja</i> sp.	
Kh007	Flowers (petals)	Gole gavzaban	Boraginaceae	<i>Echium</i> sp.	<i>Echium amoenum</i> Fisch. & C. A. Mey., <i>Borago officinalis</i> L.	Genus, Species	Genus, Species	KR150161	KR150210	<i>Echium</i> sp.	Boraginaceae	<i>Echium</i> sp.	<i>Echium</i> sp.	<i>Echium</i> sp.	<i>Echium</i> sp.	-	<i>Echium</i> sp.	-	<i>Echium</i> sp.	
Kh008	Leaves	Marzanjoosh	Lamiaceae	<i>Thymus</i> sp.	<i>Origanum vulgare</i> L.	Species	Species	KR150165	KR150215	<i>Thymus</i> sp.	<i>Thymus</i> sp.	<i>Thymus</i> sp.	<i>Thymus</i> sp.	<i>Thymus</i> sp.	<i>Thymus</i> sp.	DQ667242 (U)	<i>Thymus serpyllum</i> L.	AJ505544 (V)	<i>Thymus serpyllum</i> L.	
Kh009	Flower & seeds	Khatmi sefid	Malvaceae	<i>Alcea</i> sp.	<i>Alcea lataveraflora</i> (DC.) Boiss., <i>Alcea digitata</i> Alef.	Species, Genus	Species, Genus	KR150167	KR150217	<i>Alcea</i> sp.	Alceae	<i>Alcea</i> sp.	Unidentified	Unidentified	Unidentified	<i>Alcea</i> sp.	-	<i>Alcea</i> sp.	-	<i>Alcea</i> sp.
kh010	Flower & leaves	Badranjbooyeh	Lamiaceae	<i>Hymenocrater</i> sp.	<i>Dracocerphalus moldavica</i> L., <i>Asperugo procumbens</i> L., <i>Clinopodium nepeta</i> subsp. <i>glandulosum</i> (Req.) Govaerts, <i>Melissa officinalis</i> L.	S, S, G, S	S, S, S, S	-	KR150211	-	Lamiaceae	Lamiaceae	-	<i>Hymenocrater bituminosus</i> Fisch. & C.A.Mey.	<i>Hymenocrater bituminosus</i> Fisch. & C.A.Mey.	-	-	<i>Hymenocrater bituminosus</i> Fisch. & C.A.Mey.	JQ669045 (V)	<i>Hymenocrater bituminosus</i> Fisch. & C.A.Mey.
Kh011	Crushed flowers	Babooneh	Asteraceae	<i>Anthemis</i> sp.	<i>Matricaria recutita</i> L., <i>Matricaria</i> sp.	Species	Genus	KR150162	KR150212	<i>Tanacetum</i> sp.	Asteraceae	<i>Chrysanthemum indicum</i> L.	<i>Anthemis</i> sp.	<i>Anthemis</i> sp.	<i>Anthemis cotula</i> L.	EU179216 (U)	<i>Chrysanthemum</i> sp.	-	<i>Anthemis cotula</i> L.	
Kh012	Aerial parts powder	Maryam gol	Malvaceae	<i>Salvia</i> sciae L., <i>Salvia officinalis</i> L.	<i>Salvia</i> sciae L., <i>Salvia officinalis</i> L.	Species, Species	Species, Species	KR150183	-	<i>Althaea</i> sp.	-	<i>Althaea</i> sp.	<i>Althaea cannabina</i> L.	<i>Althaea</i> sp.	<i>Althaea cannabina</i> L.	-	<i>Althaea cannabina</i> L.	-	<i>Althaea cannabina</i> L.	
Kh016	Leaves	Avishan	Lamiaceae	<i>Thymus</i> sp.	<i>Thymus vulgaris</i> L., <i>Thymus serpyllum</i> L.	Species, Species	Species, Species	KR150173	KR150229	<i>Thymus</i> sp.	<i>Thymus</i> sp.	<i>Thymus</i> sp.	<i>Thymus</i> sp.	<i>Thymus</i> sp.	<i>Thymus</i> sp.	-	<i>Thymus serpyllum</i> L.	AJ505544.1 (V)	<i>Thymus serpyllum</i> L.	
Kh017	Flowers	Boomadaran	Asteraceae	<i>Achillea</i> sp.	<i>Achillea millefolium</i> L.	Species	Species	KR150185	KR150244	<i>Achillea</i> sp.	Achillea sp.	<i>Achillea</i> sp.	<i>Achillea</i> sp.	<i>Achillea</i> sp.	<i>Achillea</i> sp.	EU796891.1 (U)	<i>Achillea millefolium</i> L.	EU385030.1 (U)	<i>Achillea millefolium</i> L.	
Kh018	Crushed flowers	Ostokhodos	Lamiaceae	<i>Stachys</i> sp.	<i>Lavandula</i> sp.	Genus	Genus	KR150189	KR150248	<i>Stachys</i> sp.	Lamiaceae	<i>Stachys</i> sp.	Lamiaceae	<i>Stachys</i> sp.	<i>Stachys</i> sp.	-	<i>Phomis tuberosa</i> L.	211907851 (V)	<i>Stachys</i> sp.	
Kh019	Flower & leaves	Kalpooreh	Lamiaceae	<i>Teucrium</i> sp.	<i>Teucrium polium</i> L.	Species	Species	-	KR150230	-	Lamiaceae	<i>Teucrium polium</i> L.	<i>Teucrium polium</i> L.	<i>Teucrium</i> sp.	<i>Teucrium</i> sp.	-	<i>Teucrium polium</i> L.	JQ044780.1 (U)	<i>Teucrium polium</i> L.	
Kh020	Leaves	Kakooti	Lamiaceae	<i>Ziziphora</i> sp.	<i>Ziziphora tenuior</i> L.	Species	Species	-	KR150243	-	Lamiaceae	<i>Ziziphora</i> sp.	<i>Ziziphora</i> sp.	Lamiaceae	<i>Ziziphora</i> sp.	-	<i>Ziziphora tenuior</i> L.	GU381507 (V)	<i>Ziziphora tenuior</i> L.	
Kh021	Root powder	Charme giyah	Malvaceae	<i>Alcea lataveraflora</i> (DC.) Boiss., <i>Alcea digitata</i> Alef.	<i>Alcea</i> sp.	Species, Genus	Species, Genus	KR150174	-	<i>Althaea</i> sp.	-	<i>Althaea</i> sp.	<i>Althaea armeniaca</i> Ten.	<i>Althaea armeniaca</i> Ten.	<i>Althaea cannabina</i> L.	EF419540 (U)	-	<i>Althaea cannabina</i> L.		
Kh023	Flower & leaves	Darmaneh, Kalpooreh	Lamiaceae	<i>Teucrium</i> sp.	<i>Teucrium polium</i> L.	Species	Species	-	KR150224	-	Lamiaceae	<i>Teucrium polium</i> L.	<i>Teucrium polium</i> L.	<i>Teucrium</i> sp.	<i>Teucrium</i> sp.	-	<i>Teucrium polium</i> L.	JQ044780 (U)	<i>Teucrium polium</i> L.	
Kh024	Leaves	Avishan	Lamiaceae	<i>Thymus</i> sp.	<i>Thymus vulgaris</i> L., <i>Thymus serpyllum</i> L.	Species, Species	Species, Species	KR150171	KR150225	<i>Thymus</i> sp.	<i>Thymus</i> sp.	<i>Thymus</i> sp.	<i>Thymus</i> sp.	<i>Thymus</i> sp.	<i>Thymus</i> sp.	-	<i>Thymus serpyllum</i> L.	AJ505544 (V)	<i>Thymus serpyllum</i> L.	
Kh025	Seed	Kachireh	Asteraceae	<i>Carthamus tinctorius</i> L.	<i>Carthamus tinctorius</i> L.	Species	Species	KR150143	-	<i>Carthamus tinctorius</i> L.	-	<i>Carthamus tinctorius</i> L.	<i>Carthamus</i> sp.	<i>Carthamus</i> sp.	<i>Carthamus</i> sp.	EF483946 (V)	-	-	-	<i>Carthamus tinctorius</i> L.
Kh028	Crushed flowers	Hofarighoon	Hypericaceae	<i>Hypericum</i> sp.	<i>Hypericum perforatum</i> L.	Species	Species	KR150172	KR150226	<i>Hypericum scabrum</i> L.	Hypericaceae	<i>Hypericum scabrum</i> L.	Unidentified	<i>Hypericum scabrum</i> L.	<i>Hypericum scabrum</i> L.	HE653624 (V)	<i>Hypericum scabrum</i> L.	KC709053 (U)	<i>Hypericum scabrum</i> L.	
Kh031	Fruits	Kaganj	Solanaceae	<i>Physalis</i> sp.	Unidentified	-	-	KR150190	KR150250	<i>Physalis alkekengi</i> L.	Physalis sp.	<i>Physalis alkekengi</i> L.	Unidentified	<i>Physalis alkekengi</i> L.	<i>Physalis alkekengi</i> L.	AM503883 (U)	DQ180420 (U)	<i>Physalis alkekengi</i> L.		
Kh032	Stem	Hormolmajoo	Ephedraceae	<i>Ephedra</i> sp.	<i>Ephedra pachyclada</i> Boiss.	Species	Family	-	KR150228	-	Ephedra sp.	<i>Ephedra</i> sp.	-	<i>Ephedra</i> sp.	-	-	-	AY423430 (U)	<i>Ephedra intermedia</i> Schrenk & C.A.Mey.	
Kh033	Fruits	Panj angosht	Lamiaceae	<i>Vitex</i> sp.	<i>Vitex</i> sp.	Genus	Genus	-	KR150227	-	<i>Verbena officinalis</i> L.	<i>Verbena officinalis</i> L.	-	Unidentified	Unidentified	-	-	<i>Vitex agnus-castus</i> L.	HQ412926 (U)	<i>Vitex agnus-castus</i> L.
Kh034	Seed	Zaban gonjeshk	Oleaceae	<i>Fraxinus</i> sp.	<i>Fraxinus</i> spp.	Genus	Genus	-	KR150249	-	<i>Fraxinus angustifolia</i> Vahl.	-	<i>Fraxinus</i> sp.	<i>Fraxinus</i> sp.	-	-	<i>Fraxinus excelsior</i> L.	LN515485 (V)	<i>Fraxinus excelsior</i> L.	
Kh036	Flowers	Banafsheh	Violaceae	<i>Viola</i> sp.	<i>Viola odorata</i> L.	Species	Species	KR150157	KR150205	<i>Viola alba</i> Besser	Viola sp.	<i>Viola alba</i> Besser	<i>Viola alba</i> Besser	<i>Viola alba</i> Besser	<i>Viola alba</i> Besser	HM486499 (V)	<i>Viola alba</i> Besser	-	<i>Viola alba</i> Besser	
Kh038	Seed	Zireh sabz	Apiaceae	<i>Cuminum cyminum</i> L.	<i>Cuminum cyminum</i> L.	Species	Family	KR150150	-	<i>Cuminum cyminum</i> L.	-	<i>Cuminum cyminum</i> L.	-	<i>Cuminum cyminum</i> L.	<i>Cuminum cyminum</i> L.	KF160677 (V)	-	-	<i>Cuminum cyminum</i> L.	
Kh039	Seed	Barhang	Plantaginaceae	<i>Plantago</i> sp.	<i>Plantago major</i> L.	Species	Species	KR150184	KR150242	<i>Plantago</i> sp.	Plantaginaceae	<i>Plantago</i> sp.	<i>Plantago</i> sp.	<i>Plantago</i> sp.	<i>Plantago</i> sp.	AY101861 (U)	<i>Plantago major</i> L.	AY101917 (U)	<i>Plantago major</i> L.	
Kh044	Fruits	Zereshk koohi	Berberidaceae	<i>Berberis</i> sp.	<i>Berberis vulgaris</i> L.	Species	Species	KR150149	-	<i>Berberis weinbergensis</i> T.S.Ying	-	<i>Berberis weinbergensis</i> T.S.Ying	<i>Berberis</i> sp.	<i>Berberis</i> sp.	<i>Berberis</i> sp.	JN228267 (U)	-	-	<i>Berberis integrifolia</i> Bunge	
Kh045	Seed	Zireh siyah	Apiaceae	<i>Bunium</i> sp.	<i>Bunium persicum</i> (Boiss.) B.Fedtsch.	Species	Family	KR150187	KR150247	Apiaceae	Apiaceae	<i>Bunium</i> sp.	<i>Bunium</i> sp.	<i>Bunium</i> sp.	<i>Bunium</i> sp.	-	Apiaceae	-	<i>Bunium</i> sp.	
Kh048	Seed	Gole roomi	Apiaceae	<i>Prangos</i> sp.	<i>Levisticum officinale</i> W.D. Koch	Species	Family	KR150148	KR150197	<i>Zozima</i> sp.	Apiaceae	<i>Zozima</i> sp.	<i>Zozima absinthifolia</i> Link	<i>Zozima absinthifolia</i> Link	<i>Zozima absinthifolia</i> Link	EU185647 (U)	Apiaceae	-	<i>Zozima absinthifolia</i> Link	
Kh051	Flower & leaves	Badranjbooyeh	Lamiaceae	<i>Hymenocrater</i> sp.	<i>Dracocerphalus moldavica</i> L., <i>Asperugo procumbens</i> L., <i>Clinopodium nepeta</i> subsp. <i>glandulosum</i> (Req.) Govaerts, <i>Melissa officinalis</i> L.	S, S, G, S	S, S, S, S	-	KR150192	-	Lamiaceae	Lamiaceae	-	<i>Hymenocrater bituminosus</i> Fisch. & C.A.Mey.	<i>Hymenocrater bituminosus</i> Fisch. & C.A.Mey.	-	-	<i>Hymenocrater bituminosus</i> Fisch. & C.A.Mey.	JQ669045 (V)	<i>Hymenocrater bituminosus</i> Fisch. & C.A.Mey.
Kh053	Leaves	Nana koohi	Lamiaceae	<i>Mentha</i> sp.	<i>Mentha</i> sp.	Genus	Genus	KR150144	KR150193	<i>Mentha arvensis</i> L.	Mentha sp.	<i>Mentha arvensis</i> L.	<i>Mentha arvensis</i> L.	<i>Mentha arvensis</i> L.	<i>Mentha arvensis</i> L.	JO669115 (V)	<i>Mentha arvensis</i> L.	DQ667514 (U)	<i>Mentha arvensis</i> L.	
Kh055	Inflorescence	Gole zoofa	Lamiaceae	<i>Nepeta</i> sp.	<i>Hyssopus officinalis</i> L.	Species	Species	-	KR150191	-	<i>Nepeta menthae</i> Boiss. & Buhse	<i>Nepeta menthae</i> Boiss. & Buhse	-	<i>Nepeta menthae</i> Boiss. & Buhse	-	-	-	<i>Nepeta menthae</i> Boiss. & Buhse	AJ505431 (V)	<i>Nepeta menthae</i> Boiss. & Buhse

Kh056	Crushed leaves	Piyaze koohi	Alliaceae	Alliaceae	<i>Allium schoenoprasum</i> L.	Species	Species	KR150145	KR150194	<i>Allium atroviolaceum</i> Boiss.	<i>Allium sp.</i>	<i>Allium atroviolaceum</i> Boiss.	<i>Allium atroviolaceum</i> Boiss.	<i>Allium sp.</i>	<i>Allium atroviolaceum</i> Boiss.	<i>Allium atroviolaceum</i> Boiss.	EU626324 (V)	<i>Allium sp.</i>	-	<i>Allium atroviolaceum</i> Boiss.	
Kh057	Leaves	Avishan, Saetar	Lamiaceae	Thymus sp.	<i>Zataria multiflora</i> Boiss., <i>Thymus vulgaris</i> L., <i>Thymus serpyllum</i> L.	S, S, S	S, S, S	KR150146	KR150195	<i>Thymus daenensis</i> Celak.	<i>Origanum sp.</i>	Lamiaceae	<i>Thymus sp.</i>	Lamiaceae	<i>Thymus serpyllum</i> L.	DQ667242 (U)	<i>Thymus sp.</i>	-	<i>Thymus serpyllum</i> L.		
Kh058	Flowers	Boomadaran	Asteraceae	<i>Achillea sp.</i>	<i>Achillea millefolium</i> L..	Species	Species	KR150147	KR150196	<i>Achillea sp.</i>	<i>Achillea sp.</i>	<i>Achillea sp.</i>	<i>Achillea sp.</i>	<i>Achillea sp.</i>	<i>Achillea biebersteinii</i> Hub.-Mor.	AY603218 (U)	<i>Achillea sp.</i>	-	<i>Achillea biebersteinii</i> Hub.-Mor.		
kh059	Root powder	Khatmi sefid	Malvaceae	<i>Alcea sp.</i>	<i>Alcea lavateriflora</i> (DC.) Boiss., <i>Alcea digitata</i> Alef.	Species, Genus	Species, Genus	KR150188	-	<i>Alcea sp.</i>	-	<i>Alcea sp.</i>	<i>Alcea acaulis</i> (Cav.) Alef.	-	<i>Alcea acaulis</i> (Cav.) Alef.	<i>Alcea sp.</i>	-	-	-	<i>Alcea sp.</i>	
Kh062	Leaves powder	Nana	Lamiaceae	Lamiaceae	<i>Mentha spicata</i> L..	Species	Species	-	KR150223	-	<i>Mentha sp.</i>	<i>Mentha sp.</i>	-	<i>Mentha sp.</i>	<i>Mentha sp.</i>	-	-	<i>Mentha spicata</i> L.	GU381518 (V)	<i>Mentha spicata</i> L..	
Kh063	Flower & seeds	Baboneh	Asteraceae	<i>Tripleurospermum sp.</i>	<i>Matricaria recutita</i> L., <i>Matricaria sp.</i>	Species	Genus	KR150169	KR150219	<i>Tripleurospermum sp.</i>	<i>Chrysanthemum indicum</i> L..	Asteraceae	<i>Tanacetum turcomanicum</i> (Krasch.) Tzvelev	<i>Artemisia lagopyphala</i> (Fisch. ex Besser) DC.	<i>Tripleurospermum sp.</i>	-	<i>Chrysanthemum sp.</i>	-	<i>Tripleurospermum sp.</i>		
Kh065	Leaves	Marzanjoosh	Lamiaceae	<i>Thymus sp.</i>	<i>Thymus spp.</i> , <i>Origanum vulgare</i> L..	Genus, Species	Genus, Species	-	KR150222	-	<i>Thymus sp.</i>	<i>Thymus sp.</i>	-	<i>Thymus sp.</i>	<i>Thymus sp.</i>	-	-	<i>Thymus serpyllum</i> L..	AJ505544 (V)	<i>Thymus serpyllum</i> L..	
Kh066	Flower & leaves	Kalpooreh	Lamiaceae	<i>Teucrium sp.</i>	<i>Teucrium polium</i> L..	Species	Species	-	KR150221	-	<i>Teucrium polium</i> L..	<i>Teucrium polium</i> L..	-	<i>Teucrium sp.</i>	<i>Teucrium sp.</i>	-	-	<i>Teucrium polium</i> L..	JQ044780 (U)	<i>Teucrium polium</i> L..	
Kh067	Flower & leaves	Badranjbooyeh	Lamiaceae	<i>Hymenocrater sp.</i>	<i>Drecocephalum moldavica</i> L., <i>Asperugo procumbens</i> L., <i>Clinopodium nepeta</i> subsp. <i>glandulosum</i> (Req.) Govaerts, <i>Melissa officinalis</i> L..	S, S, G, S	S, S, S, S	-	KR150220	-	Lamiaceae	Lamiaceae	-	Lamiaceae	Lamiaceae	-	-	<i>Hymenocrater bituminosus</i> Fisch. & C.A.Mey.	JQ669045 (V)	<i>Hymenocrater bituminosus</i> Fisch. & C.A.Mey.	
Kh068	Flowers	Gol khatmi	Malvaceae	<i>Alcea sp.</i>	<i>Alcea lavateriflora</i> (DC.) Boiss., <i>Alcea digitata</i> Alef.	Species, Genus	Species, Genus	KR150170	-	<i>Alcea sp.</i>	-	<i>Alcea sp.</i>	<i>Alcea sp.</i>	-	<i>Alcea sp.</i>	<i>Alcea sp.</i>	-	-	<i>Alcea sp.</i>		
Kh069	Leaves	Avishan	Lamiaceae	<i>Thymus sp.</i>	<i>Thymus vulgaris</i> L., <i>Thymus serpyllum</i> L..	Species, Species	Species, Species	KR150168	KR150218	<i>Thymus sp.</i>	<i>Thymus sp.</i>	<i>Thymus sp.</i>	<i>Thymus sp.</i>	<i>Thymus sp.</i>	<i>Thymus sp.</i>	<i>Thymus sp.</i>	-	<i>Thymus serpyllum</i> L..	AJ505544 (V)	<i>Thymus serpyllum</i> L..	
Kh070	Crushed leaves	Marzeh	Lamiaceae	<i>Satureja sp.</i>	<i>Satureja laxiflora</i> C.Koch	Genus	Genus	KR150181	KR150240	<i>Satureja sp.</i>	<i>Satureja sp.</i>	<i>Satureja sp.</i>	<i>Satureja sp.</i>	<i>Satureja hortensis</i> L..	<i>Satureja hortensis</i> L..	<i>Satureja hortensis</i> L..	AY227143 (U)	<i>Satureja hortensis</i> L..	GU381620 (V)	<i>Satureja hortensis</i> L..	
Kh071	Seed	Zireh koohi	Apiaceae	Apiaceae	<i>Bunium sp.</i>	Genus	Family	KR150180	KR150239	Apiaceae	Apiaceae	Apiaceae	Apiaceae	Apiaceae	Apiaceae	Apiaceae	-	<i>Bunium sp.</i>	-	<i>Bunium sp.</i>	
Kh073	Crushed flowers	Kalpooreh	Lamiaceae	<i>Teucrium sp.</i>	<i>Teucrium polium</i> L..	Species	Species	-	KR150237	-	<i>Teucrium polium</i> L..	<i>Teucrium polium</i> L..	-	<i>Teucrium sp.</i>	<i>Teucrium sp.</i>	-	-	<i>Teucrium polium</i> L..	JQ044780 (U)	<i>Teucrium polium</i> L..	
Kh074	Crushed flowers	Gol kooyid	Lamiaceae	<i>Perovskia sp.</i>	Unidentified	-	-	KR150182	KR150241	<i>Perovskia sp.</i>	Lamiaceae	<i>Perovskia sp.</i>	Unidentified	<i>Perovskia abrotanoides</i> Kar.	<i>Perovskia abrotanoides</i> Kar.	<i>Perovskia atriplicifolia</i> Benth.	KJ584242 (U)	<i>Perovskia atriplicifolia</i> Benth.	AY570464 (V)	<i>Ziziphora tenuior</i> L..	
Kh075	Leaves	Kakooti, Annokh	Lamiaceae	<i>Ziziphora sp.</i>	<i>Ziziphora tenuior</i> L..	Species	Species	-	KR150238	-	Lamiaceae	Lamiaceae	-	Lamiaceae	Lamiaceae	-	-	<i>Ziziphora tenuior</i> L..	GU381507 (V)	<i>Ziziphora tenuior</i> L..	
Kh076	Crushed flowers	Baboneh	Asteraceae	<i>Tanacetum sp.</i>	<i>Matricaria recutita</i> L., <i>Matricaria sp.</i>	Species	Genus	KR150179	KR150236	<i>Tripleurospermum sp.</i>	<i>Chrysanthemum indicum</i> L..	Asteraceae	<i>Artemisia sp.</i>	Asteraceae	<i>Tanacetum parthenium</i> (L.) Sch.Bip.	EF577320 (U)	<i>Chrysanthemum sp.</i>	-	<i>Tanacetum parthenium</i> (L.) Sch.Bip.		
Kh082	Flower & leaves	Badranjbooyeh	Lamiaceae	<i>Hymenocrater sp.</i>	<i>Drecocephalum moldavica</i> L., <i>Asperugo procumbens</i> L., <i>Clinopodium nepeta</i> subsp. <i>glandulosum</i> (Req.) Govaerts, <i>Melissa officinalis</i> L..	S, S, G, S	S, S, S, S	-	KR150208	-	Lamiaceae	Lamiaceae	-	<i>Hymenocrater bituminosus</i> Fisch. & C.A.Mey.	<i>Hymenocrater bituminosus</i> Fisch. & C.A.Mey.	-	-	<i>Hymenocrater bituminosus</i> Fisch. & C.A.Mey.	JQ669045 (V)	<i>Hymenocrater bituminosus</i> Fisch. & C.A.Mey.	
Kh090	Leaves	Merzeh	Lamiaceae	<i>Satureja sp.</i>	<i>Satureja laxiflora</i> C.Koch	Genus	Genus	KR150160	KR150209	<i>Satureja montana</i> L..	<i>Satureja montana</i> L..	<i>Satureja montana</i> L..	<i>Satureja sp.</i>	<i>Satureja sp.</i>	<i>Satureja sp.</i>	<i>Satureja sp.</i>	-	<i>Satureja mutica</i> Fisch. & C.A.Mey.	GU381619 (V)	<i>Satureja mutica</i> Fisch. & C.A.Mey.	
Kh095	Flowers	Baboneh	Asteraceae	<i>Anthemis sp.</i>	<i>Matricaria recutita</i> L., <i>Matricaria sp.</i>	Species	Genus	KR150159	KR150207	<i>Tanacetum sp.</i>	<i>Chrysanthemum sp.</i>	Asteraceae	<i>Tanacetum sp.</i>	Asteraceae	<i>Artemisia lagopyphala</i> (Fisch. ex Besser) DC.	Asteraceae	<i>Tanacetum parthenium</i> (L.) Sch.Bip.	EF577320 (U)	<i>Chrysanthemum sp.</i>	-	<i>Tanacetum sp.</i>
Kh102	Flowers (petals)	Shaghayegh	Papaveraceae	<i>Papaver sp.</i>	<i>Glaucium spp.</i> , <i>Papaver rhoeas</i> L..	Genus, Species	Family, Species	KR150158	KR150206	<i>Papaver bracteatum</i> Lindl.	<i>Papaver sp.</i>	<i>Papaver bracteatum</i> Lindl.	<i>Papaver sp.</i>	<i>Papaver bracteatum</i> Lindl.	<i>Papaver bracteatum</i> Lindl.	<i>Papaver bracteatum</i> Lindl.	DQ912881 (U)	<i>Papaver sp.</i>	-	<i>Papaver bracteatum</i> Lindl.	
Kh108	Flower & leaves	Kalpooreh	Lamiaceae	<i>Teucrium sp.</i>	<i>Teucrium polium</i> L..	Species	Species	-	KR150202	-	<i>Teucrium sp.</i>	<i>Teucrium sp.</i>	-	<i>Teucrium sp.</i>	<i>Teucrium sp.</i>	-	-	<i>Teucrium polium</i> L..	JQ044780 (U)	<i>Teucrium polium</i> L..	
Kh110	Crushed flowers	Boomadaran	Asteraceae	<i>Achillea sp.</i>	<i>Achillea millefolium</i> L..	Species	Species	-	KR150245	-	<i>Achillea sp.</i>	<i>Achillea sp.</i>	-	<i>Achillea santolinoides</i> subsp. <i>wilhelmsii</i> (K.Koch) Greuter	<i>Achillea santolinoides</i> subsp. <i>wilhelmsii</i> (K.Koch) Greuter	-	-	<i>Achillea vermicularis</i> Trin.	DQ267618 (U)	<i>Achillea vermicularis</i> Trin.	
Kh111	Inflorescence & seed	Taj khoros	Amaranthaceae	Amaranthus sp.	<i>Amaranthus caudatus</i> L..	Species	Genus	KR150154	KR150203	<i>Amaranthus hybridus</i> L..	<i>Amaranthus spinosus</i> L..	<i>Amaranthus sp.</i>	<i>Amaranthus sp.</i>	<i>Amaranthus sp.</i>	<i>Amaranthus sp.</i>	<i>Amaranthus sp.</i>	DQ005960 (V)	<i>Amaranthus sp.</i>	-	<i>Amaranthus hybridus</i> L..	
Kh112	Leaves	Kakooti, Annokh	Lamiaceae	<i>Ziziphora sp.</i>	<i>Ziziphora tenuior</i> L..	Species	Species	-	KR150198	-	<i>Ziziphora sp.</i>	<i>Ziziphora sp.</i>	-	Lamiaceae	Lamiaceae	-	-	<i>Ziziphora tenuior</i> L..	GU381507 (V)	<i>Ziziphora tenuior</i> L..	
Kh113	Flowers (petals)	Gole gavzaban	Boraginaceae	<i>Echium sp.</i>	<i>Echium amoenum</i> Fisch. & C. A. Mey., <i>Borage officinalis</i> L..	Genus, Species	Genus, Species	KR150155	KR150204	<i>Echium sp.</i>	Boraginaceae	<i>Echium sp.</i>	<i>Echium sp.</i>	<i>Echium sp.</i>	<i>Lobostemon fruticosus</i> (L.) H.Buek	Boraginaceae	<i>Echium sp.</i>	-	<i>Echium sp.</i>	-	<i>Echium sp.</i>
Kh114	Flowers	Khatmi	Malvaceae	<i>Alcea sp.</i>	<i>Alcea lavateriflora</i> (DC.) Boiss., <i>Alcea digitata</i> Alef.	Species, Genus	Species, Genus	KR150156	-	<i>Alcea sp.</i>	-	<i>Alcea sp.</i>	<i>Alcea koelzii</i> Riedl	-	<i>Alcea koelzii</i> Riedl	<i>Alcea sp.</i>	-	-	-	<i>Alcea sp.</i>	
Kh115	Seed	Zireh siyah	Apiaceae	<i>Bunium sp.</i>	<i>Bunium persicum</i> (Boiss.) B.Fedtsch.	Species	Family	KR150151	KR150199	<i>Ligusticum sp.</i>	Apiaceae	<i>Ligusticum sp.</i>	<i>Bunium sp.</i>	Apiaceae	<i>Bunium sp.</i>	<i>Bunium sp.</i>	-	Apiaceae	-	<i>Bunium sp.</i>	
Kh116	Fruits	Zereshk koohi	Berberidaceae	<i>Berberis sp.</i>	<i>Berberis vulgaris</i> L..	Species	Species	KR150166	KR150246	<i>Berberis sp.</i>	<i>Berberis sp.</i>	<i>Berberis sp.</i>	<i>Berberis sp.</i>	<i>Berberis sp.</i>	<i>Berberis integrerrima</i> Bunge	UN228267 (U)	<i>Berberis sp.</i>	-	<i>Berberis integrerrima</i> Bunge		
Kh117	Crushed leaves	Marzeh	Urticaceae	Urticaceae	<i>Satureja laxiflora</i> C.Koch, <i>Satureja hortensis</i> L..	Genus, Species	Genus, Species	KR150153	KR150201	<i>Urtica sp.</i>	<i>Urtica dioica</i> L..	<i>Urtica dioica</i> L..	<i>Urtica dioica</i> L..	<i>Urtica dioica</i> L..	<i>Urtica dioica</i> L..	KF137936 (U)	<i>Urtica dioica</i> L..	KF138424 (U)	<i>Urtica dioica</i> L..		

Kh118	Seed pods	Nakhonak	Fabaceae	<i>Astragalus</i> sp.	<i>Melilotus officinalis</i> L., <i>Astragalus harmonosus</i> L.	Species, Species	Species, Species	KR150152	KR150200	<i>Oxytropis nigrescens</i> var. <i>uniflora</i> (Hook.) Barnaby	<i>Astragalus</i> sp.	Fabaceae	<i>Astragalus commixtus</i> Bunge	<i>Astragalus</i> sp.	<i>Astragalus commixtus</i> Bunge	<i>Oxytropis</i> sp.	-	<i>Astragalus</i> sp.	-	<i>Astragalus</i> sp.	
Kh132	Gum	Katira	Fabaceae	Fabaceae	<i>Astragalus</i> sp.	Genus	Genus	KR150178	KR150235	<i>Astragalus</i> sp.	<i>Astragalus</i> sp.	Fabaceae	<i>Astragalus</i> sp.	<i>Astragalus</i> sp.	<i>Astragalus</i> sp.	<i>Astragalus edulis</i> Bunge	<i>Astragalus edulis</i> Bunge	AB231144 (V)	<i>Astragalus verus</i> Olivier	AB485937 (V)	<i>Astragalus</i> sp.
Kh133	Leaves	Avishan	Lamiaceae	<i>Thymus</i> sp.	<i>Thymus vulgaris</i> L., <i>Thymus serpyllum</i> L.	Species, Species	Species, Species	KR150176	KR150233	<i>Zataria multiflora</i> Boiss.	Lamiaceae	<i>Zataria multiflora</i> Boiss.	<i>Zataria multiflora</i> Boiss.	<i>Pentapleura subulifera</i> Hand. Mazz.	<i>Zataria multiflora</i> Boiss.	JQ669139 (V)	<i>Zataria multiflora</i> Boiss.	JQ669071 (V)	<i>Zataria multiflora</i> Boiss.		
Kh135	Flowers	Gol khatmi	Malvaceae	<i>Malva</i> sp.	<i>Alcea latareniflora</i> (DC.) Boiss., <i>Alcea digitata</i> Ait.	Species, Genus	Species, Genus	-	KR150232	-	<i>Malva</i> sp.	<i>Malva</i> sp.	-	<i>Pentaplaris doroteae</i> L.O.Williams & Standl.	<i>Pentaplaris doroteae</i> L.O.Williams & Standl.	-	<i>Malva nicaeensis</i> All.		<i>Malva nicaeensis</i> All.		
Kh138	Seed	Zireh siyah	Apiaceae	Apiaceae	<i>Bunium persicum</i> (Boiss.) B.Fedtsch.	Species	Family	KR150175	KR150231	Apiaceae	Apiaceae	Apiaceae	<i>Bunium</i> sp.	Apiaceae	<i>Bunium</i> sp.	<i>Bunium</i> sp.	-	Apiaceae	-	<i>Bunium</i> sp.	
Kh141	Seed & stem	Shirin badyan	Apiaceae	Apiaceae	<i>Foeniculum vulgare</i> Mill.	Species	Species	KR150177	KR150234	<i>Pimpinella anisum</i> L.	Apiaceae	<i>Pimpinella anisum</i> L.	<i>Pimpinella anisum</i> L.	<i>Heteromorpha</i> sp.	<i>Pimpinella anisum</i> L.	EU785940 (U)	<i>Pimpinella</i> sp.	-	<i>Pimpinella anisum</i> L.		