

Supplementary material

Appendix A1.

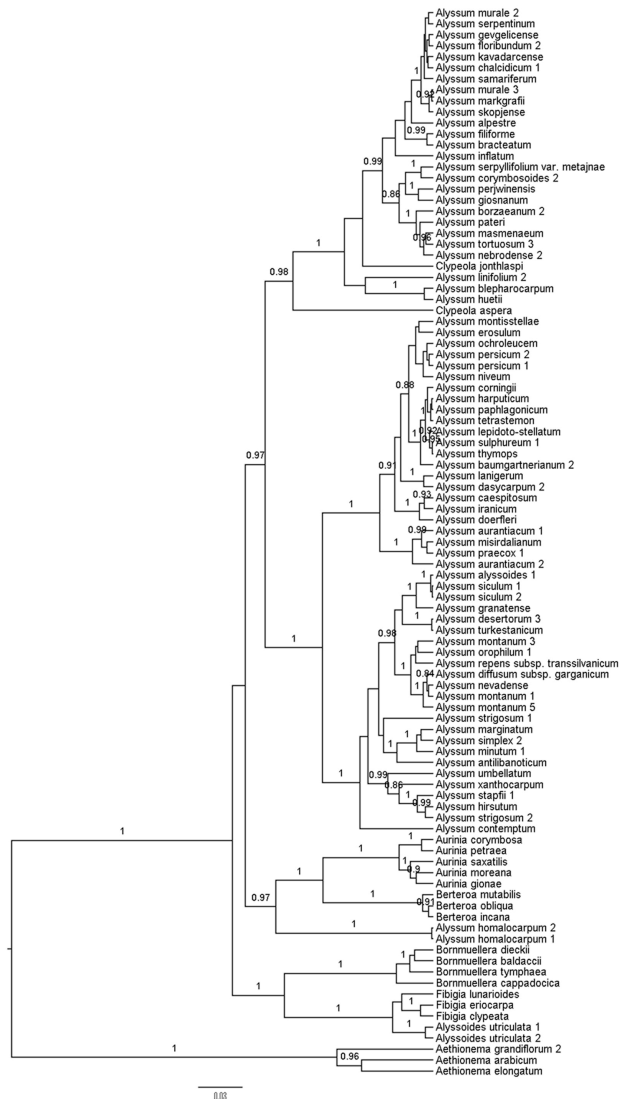


Figure A1. Phylogenetic relationships of *Alyssum* inferred from BEAST analysis of reduced ITS dataset; *Aethionema* were used as outgroup. Values above branches are posterior probabilities (PP) values (only shown above 0.7).

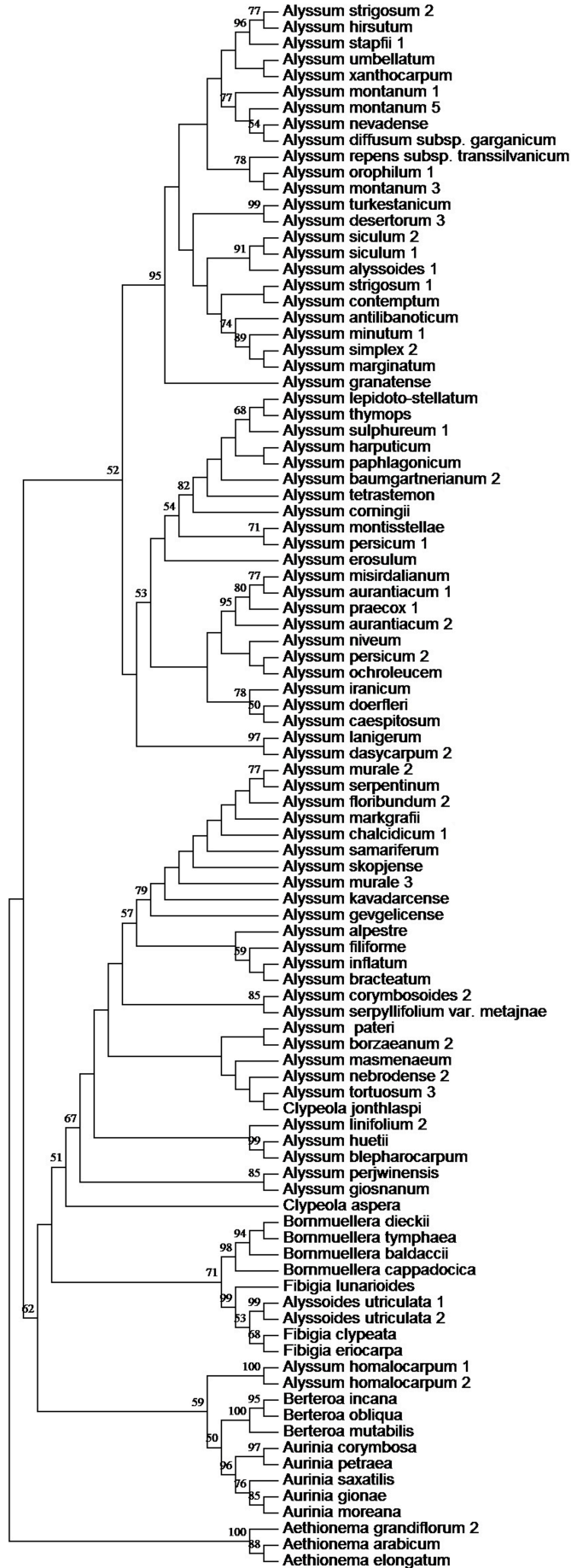


Figure A2. Phylogenetic relationships of *Alyssum* inferred from maximum parsimony (MP) analysis of reduced ITS dataset; *Aethionema* were used as outgroup. Values above branches are bootstrap (BS) values (only shown above 50%).

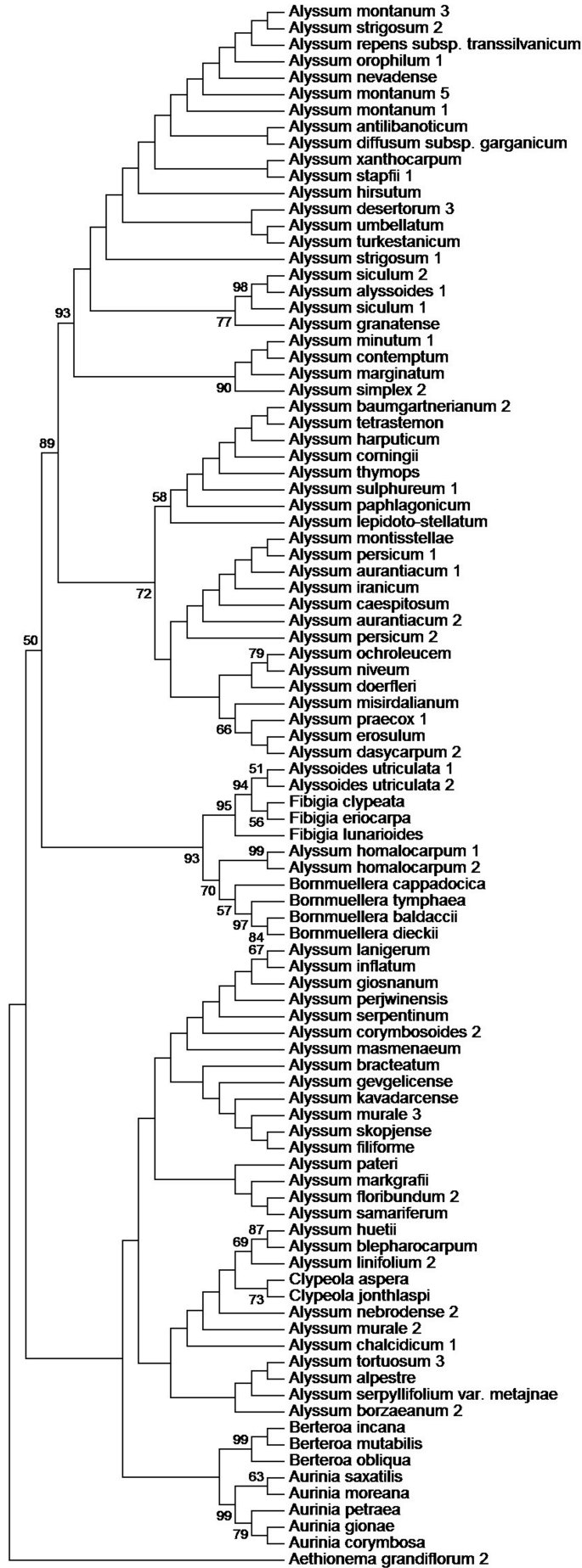


Figure A4. Phylogenetic relationships of *Alyssum* inferred from maximum parsimony (MP) analysis of reduced trnL-F dataset; *Aethionema* was used as outgroup. Values above branches are bootstrap (BS) values (only shown above 50%).

Table A1. List of taxa, voucher information, and GenBank accession numbers for ITS, *trnL-F* used in this study. n.a. = sequence not available. * = denote sample provided by the Royal Botanic Gardens, KEW.

Specie name	Individual No.	Voucher information	Location	ITS	trnL-F	Distribution	Section (Dudley, 1964, 1965)
<i>Alyssum alyssoides</i> (L.) L.	1	Schonswetter & Tribsch 6631 (WU)	Georgia: between Kvemo Bodbe and Gamardzhveba	KF022516	KF022725	Turkey; Europe; N Africa; N, S America (intro); S, E Asia; Russia	<i>Psilonema</i>
<i>Alyssum alyssoides</i> (L.) L.	2	Borsic, Galbany, Gutierrez & Ortiz	Spain: between Prades and Albarca	KF022517	KF022726		<i>Psilonema</i>
<i>Alyssum alyssoides</i> (L.) L.	3	Alegro & Bogdanovic (ZA)	Croatia: Mosor	KF022518	KF022727		<i>Psilonema</i>
<i>Alyssum dasycarpum</i> Stephan	1	Al-Shehbaz et al. 9414 (MO)	Kazakhstan	EF514604	n.a.		<i>Psilonema</i>
<i>Alyssum dasycarpum</i> Stephan	2	isolateT025	Turkey: Eskisehir	KF022531	KF022734	Caucasus; SW Asia: Turkey, Syria, Iraq, Afghan, Pakistan	<i>Psilonema</i>
<i>Alyssum dasycarpum</i> Stephan	3	Schonswetter & Tribsch 4073 (WU)	Jordan: Shaubak	KF022532	KF022735		<i>Psilonema</i>
<i>Alyssum granatense</i> Boiss. & Reut.		Borsic, Galbany, Gutierrez & Ortiz (za)	Spain: between Prades and Albarca	KF022539	KF022741	Spain; Portugal; N Africa?	<i>Psilonema</i>
<i>Alyssum homalocarpum</i> (Fisch. & C. Alyssum Mey.) Boiss.	1	Fayed et al. 1350 (SHG)	Egypt: south Sinai, Gebel Serbal	KF022542	KF022744	SW Asia	<i>Psilonema</i>
<i>Alyssum homalocarpum</i> (Fisch. & C. Alyssum Mey.) Boiss.	2	Abdel Khalik (SHG)	Egypt: south Sinai, Gebel Serbal	KF022543	KF022745		<i>Psilonema</i>
<i>Alyssum siculum</i> Jord.	1	Gutermann 35274 (WU)	Greece	KF022585	KF022778	Greece; Sicilia	<i>Psilonema</i>
<i>Alyssum siculum</i> Jord.	2	CAT 041739	Italy: Sicily, Pomieri	KF022586	KF022779		<i>Psilonema</i>
<i>Alyssum aureum</i> (Fenzl) Boiss.	1	Samuelsson, s.n., 3 April 1933 (MO)	Israel	EF514601	n.a.	Turkey; Syria; Lebanon; Iraq	<i>Meniocus</i>
<i>Alyssum aureum</i> (Fenzl) Boiss.	2	Misirdali, Orcan; isolate T012	Turkey: Elazig	KF022523	n.a.		<i>Meniocus</i>

<i>*Alyssum blepharocarpum</i> Dudley, T. R. & Hub.		K, herb.spec, S. Landrein/ R. Borosova 44202	Turkey: Ankara Bergstegie	KJ206130	KJ206159	Turkey (endemic)	<i>Meniocus</i>
<i>*Alyssum huetii</i> Boiss.		K, herb.spec, S. Landrein/ R. Borosova 44185	Turkey: Ankara	KJ206116	KJ206145	Turkey (endemic)	<i>Meniocus</i>
<i>Alyssum linifolium</i> Stephan	1	Al-Shehbaz et al. 9412 (MO)	Kazakhstan	EF514611	n.a.	Europe; N Africa; Turkey; Asia	<i>Meniocus</i>
<i>Alyssum linifolium</i> Stephan	2	Schonswetter & Tribsch 6607 (WU)	Georgia: Akaltsikhe	KF022546	KF022748		<i>Meniocus</i>
<i>Alyssum meniocooides</i> Boiss.		Samuelsson, s.n., 05 July 1933 (MO)	Syria	EF514612	n.a.	Turkey to Syria; Lebanon; Iraq; Iran; Afghanistan	<i>Meniocus</i>
<i>*Alyssum stylare</i> (Boiss & Bol.) Boiss.		K, herb.spec, S. Landrein/ R. Borosova 44204	Turkey: Cappodocia	n.a.	KJ206152	Turkey (endemic)	<i>Meniocus</i>
<i>Alyssum baumgartnerianum</i> Bornm.	1	Zohary, s.n., Month 1972 (MO)	Israel	EF514602	n.a.	S Asia	<i>Gamosepalum</i>
<i>Alyssum baumgartnerianum</i> Bornm.	2	Nazeri, All (ZA)	Iran: Khorasan	KF022524	KF022729		<i>Gamosepalum</i>
<i>Alyssum corningii</i> T. R. Dudley		Faghihnia, Zangoeei (ZA)	Iran: Khorasan	KF022528	KF022732	Turkey	<i>Gamosepalum</i>
<i>Alyssum harputicum</i> T. R. Dudley		Joharchi (ZA)	Iran: Mashhad	KF022540	KF022742	Turkey; Iran	<i>Gamosepalum</i>
<i>Alyssum lepidoto-stellatum</i> (Hauskn. & Bornm.) T. R. Dudley		Nazari (ZA)	Iran: Khorasan	KF022545	KF022747	Turkey; Iran	<i>Gamosepalum</i>
<i>Alyssum misirdalianum</i> Orcan & Binzet		Binzet (ANK)	Turkey: Findikpinari, Deve Koyagi	KF022552	KF022753	Turkey; W Asia	<i>Gamosepalum</i>
<i>Alyssum paphlagonicum</i> (Hauskn.) T. R. Dudley		Joharchi (ZA)	Iran: Khorasan	KF022577	KF022771	Turkey (endemic)	<i>Gamosepalum</i>
<i>Alyssum niveum</i> T. R. Dudley		Ekim, Aytac, Dunan; isolate	Turkey: Polatlinin	KF022574	KF022769	Turkey	<i>Gamosepalum</i>

T065							
<i>Alyssum sulphureum</i> T. R. Dudley & Hub.-Mor.	1	Nazari (ZA)	Iran: Mashhad	KF022601	KF022787	Turkey; Syria; Iraq	<i>Gamosepalum</i>
* <i>Alyssum sulphureum</i> T. R. Dudley & Hub.-Mor.	2	K, herb.spec, S. Landrein/ R. Borosova 44195	Turkey: E Anatolia, Mt Agri	KJ206123	n.a.		<i>Gamosepalum</i>
<i>Alyssum tetrastemon</i> Boiss.		Nazari (ZA)	Iran: Khorasan	KF022602	KF022788	Turkey; Iran; Syria	<i>Gamosepalum</i>
<i>Alyssum thymops</i> (Hub.-Mor. & Reese) T.R. Dudley		Nazari (ZA)	Iran: Mezarmasjed	KF022603	KF022789	Turkey (endemic)	<i>Gamosepalum</i>
* <i>Alyssum antilibanoticum</i> Rech.f.		K, herb.spec, S. Landrein/ R. Borosova 44203	Syria: Ouadi, et Karm	KJ206131	KJ206160	Syria	<i>Alyssum</i>
<i>Alyssum aurantiacum</i> Boiss.	1	Doring, Parolly & Tolimir 697b B	Turkey: Geyik Daglari, Akdagi	KF022522	KF022728	Turkey (endemic); Medi	<i>Alyssum</i>
* <i>Alyssum aurantiacum</i> Boiss.	2	K, herb.spec, S. Landrein/ R. Borosova 44189	Turkey: Antalya (Pisidis)	KJ206119	KJ206148		<i>Alyssum</i>
* <i>Alyssum caespitosum</i> Baumg.		K, herb.spec, S. Landrein/ R. Borosova 44201	Turkey: Antalya, Gurun	KJ206129	KJ206158	Turkey	<i>Alyssum</i>
<i>Alyssum canescens</i> De Candolle	1	Dobes,C. isolate "K139"	n.a.	n.a.	DQ180287	China, Kashmir, Kazakhstan, Mongolia, Russia (Siberia)	<i>Alyssum</i>
<i>Alyssum canescens</i> De Candolle	2	HEID 500039, Kli39	India	n.a.	DQ518385		
* <i>Alyssum contemptum</i> Schalf.		K, herb.spec, S. Landrein/ R. Borosova 44205	Turkey: Moros	KJ206132	KJ206161	Iran	<i>Alyssum</i>
<i>Alyssum cuneifolium</i> Ten.		Schonswetter & Tribsch 6467 (WU)	France: Col de la Pierre-St.-Martin	KF022530	n.a.	S Europe	<i>Alyssum</i>
<i>Alyssum densistellatum</i> T. R. Dudley	1	Cecchi & Selvi 08.17 (FI)	Greece: Sterea Ellas, Evvia	GQ284879	n.a.	Greece	<i>Alyssum</i>
<i>Alyssum densistellatum</i>	2	Cecchi & Selvi 08.14 (FI)	Greece: Sterea Ellas, Mt.	GQ284880	n.a.		<i>Alyssum</i>

T. R. Dudley		Kallidhromon					
<i>Alyssum desertorum</i> Stapf	1	Halse 6343 (MO)	USA: Oregon	EF514605	n.a.	Europe; Asia; N America	<i>Alyssum</i>
<i>Alyssum desertorum</i> Stapf	2	Hasko 04.00 (FI)	Albania: Korce, Bitincka	GQ284881	n.a.		<i>Alyssum</i>
<i>Alyssum desertorum</i> Stapf	3	Schonswetter & Tribsch 6608 (WU)	Georgia: Kumisitba south of Tbilissi	KF022533	KF022736		<i>Alyssum</i>
<i>Alyssum desertorum</i> Stapf	4	Schonswetter & Tribsch 3852 (WU)	Austria: Helmahof	KF022534	KF022737		<i>Alyssum</i>
<i>Alyssum desertorum</i> Stapf	5		China	KF512499	n.a.		<i>Alyssum</i>
<i>Alyssum diffusum subsp.garganicum</i> Španiel, Marhold, Passalacqua & Zozomová -Lihová		Schonswetter & Tribsch 7479 (WU)	Italy: Gargano, Monte S. Angelo	KF022536	KF022738	S. W Europe	<i>Alyssum</i>
<i>Alyssum doerfleri</i> Degen		Micevski (ZA)	Macedonia: Kavadarci	KF022537	KF022739	Europe: Greece; Macedonia	<i>Alyssum</i>
* <i>Alyssum erosulum</i> Genn. & Pestal.		K, herb.spec, S. Landrein/ R. Borosova 44213	Turkey: Vil Mughla	KJ206136	KJ206165	Turkey	<i>Alyssum</i>
<i>Alyssum hirsutum</i> M.Bieb.		Schonswetter & Tribsch 6978 (WU)	Georgia: between Akaltsikhe and Atsquri	KF022541	KF022743	SE Europe; Balkan-Turkey; Armenia; Iran; Caucasus	<i>Alyssum</i>
* <i>Alyssum iranicum</i> Hausskn ex Baumg.		K, herb.spec, S. Landrein/ R. Borosova 44211	Iran	KJ206135	KJ206164	Turcomania; Iran; Afghanistan; Pakistan	<i>Alyssum</i>
<i>Alyssum lenense</i> Adams		Byalt, s.n., 24 May 1993 (MO)	Kazakhstan	EF514610	n.a.	Kazakhstan; Mongolia; C, E Russia; China	<i>Alyssum</i>
* <i>Alyssum lepidotum</i> Boiss.		K, herb.spec, S. Landrein/ R. Borosova 44187	Turkey: Vil Denizli (Casia)	KJ206118	n.a.	Turkey	<i>Alyssum</i>

<i>*Alyssum macropodum</i> Boiss & Bol.	1	K, herb.spec, S. Landrein/ R. Borosova 44208	Turkey: Antalya	n.a.	KJ206173	Turkey	<i>Alyssum</i>
<i>*Alyssum macropodum</i> Boiss & Bol.	2	K, herb.spec, S. Landrein/ R. Borosova 44209	Turkey: Antalya	n.a.	KJ206174		<i>Alyssum</i>
<i>*Alyssum marginatum</i>		K, herb.spec, S. Landrein/ R. Borosova 44206	Saudi Arabia: Wadi Lakus off Wadi Abysd	KJ206133	KJ206162	Arabia eastward to Pakistan	<i>Alyssum</i>
<i>Alyssum minus</i> (L.) Rothm.		Mengoni,A,2003	Italy: Tuscany	AY237939	n.a.	S, E Europe, Turkey; North Africa; Asia	<i>Alyssum</i>
<i>Alyssum minutum</i> Schlecht. ex DC.	1	Schonswetter & Tribsch 4375 (WU)	Jordan: Shaubak	KF022549	KF022751	S, E Europe; Asia; N America	<i>Alyssum</i>
<i>Alyssum minutum</i> Schlecht. ex DC.	2	Abdel Khalik s.n. (SHG)	Egypt: south Sinai	KF022550	KF022752	Caucasus; Romania; Balkan-Turkey	<i>Alyssum</i>
<i>Alyssum minutum</i> Schlecht. ex DC.	3	Schonswetter & Tribsch 4066 (WU)	Jordan: Shaubak	KF022551	n.a.		<i>Alyssum</i>
<i>Alyssum montanum</i> L. s.lat.	1	Resetnik (ZA)	Macedonia: Galicica	KF022554	KF022755	Europe	<i>Alyssum</i>
<i>Alyssum montanum</i> L. s.lat.	2	Gutermann 38827 (WU)	Montenegro: Durmitor	KF022555	n.a.	Europe; Near Asian; Tuekey;	<i>Alyssum</i>
<i>Alyssum montanum</i> L. s.lat.	3	isolate T020	Turkey: Bolu, Abant	KF022558	KF022756		<i>Alyssum</i>
<i>Alyssum montanum</i> L. s.lat.	4	herb. Gutermann 34971 (WU)	Greece	KF022559	KF022757		<i>Alyssum</i>
<i>Alyssum montanum</i> L. s.lat.	5	Alegro (ZA)	Macedonia: Kozjak, Nova Breznica	KF022560	KF022758		<i>Alyssum</i>
<i>Alyssum montanum</i> subsp. <i>gmelinii</i> (Jord. & Fourr.) Hegi & E. Schmid	1	Schonswetter & Tribsch 4542 (WU)	Austria: Hainburger Berge	KF022561	n.a.		<i>Alyssum</i>
<i>Alyssum montanum</i> subsp. <i>gmelinii</i> (Jord. & Fourr.) Hegi & E. Schmid	2	Cigic & Borsic (ZA)	Hungary: Budapest	KF022563	n.a.		<i>Alyssum</i>

<i>*Alyssum montis-stellae</i> Hausskn. & Bornm.		K, herb.spec, S. Landrein/ R. Borosova 44196	Turkey: Cankiri, Gypsum Hills	KJ206124	KJ206153	Turkey	<i>Alyssum</i>
<i>Alyssum nevadense</i> Wilmott ex P.W.Ball & T.R. Dudley		isolate T017	Spain: Sierra Nevada, Morron del Mediodia	KF022573	KF022768	Spain	<i>Alyssum</i>
<i>*Alyssum ochroleucum</i> Boiss.		K, herb.spec, S. Landrein/ R. Borosova 44190	Armenia	KJ206120	KJ206149	Turkey; Armenia	<i>Alyssum</i>
<i>Alyssum orophilum</i> Jord. & Fourr.	1	Gutermann 32467, herb. Gutermann	France, Alps, Alpes Maritimes, Col de Tende (UTM 32TLP89)	KF022575	KF022770	Europe	<i>Alyssum</i>
<i>Alyssum orophilum</i> Jord. & Fourr.	2	Gutermann 33209, herb. Gutermann	Italy, Alps, Alpi Cozie, Mte. Orsiera (UTM LQ58)	KF022576	n.a.		<i>Alyssum</i>
<i>Alyssum persicum</i> Boiss.	1	Schonswetter & Tribsch 6984 (WU)	Georgia: between Akaltsikhe and Atsquri	KF022578	KF022772	Iran; Georgia; Armenia	<i>Alyssum</i>
<i>Alyssum persicum</i> Boiss.	2	Schonswetter & Tribsch 6963 (WU)	Georgia: between Akaltsikhe and Atsquri	KF022579	KF022773		<i>Alyssum</i>
<i>*Alyssum persicum</i> Boiss	3	K, herb.spec, S. Landrein/ R. Borosova 44210	Armenia	n.a.	KJ206175		<i>Alyssum</i>
<i>*Alyssum praecox</i> Boiss & Bol.	1	K, herb.spec, S. Landrein/ R. Borosova 44214	Turkey: Icel, Elmali Dag	KJ206137	KJ206166	Turkey; Lebanon	<i>Alyssum</i>
<i>*Alyssum praecox</i> Boiss & Bol.	2	K, herb.spec, S. Landrein/ R. Borosova 44215	Lebanon: Arz Er Rag	KJ206138	KJ206167		<i>Alyssum</i>
<i>Alyssum repens</i> subsp. <i>transsilvanicum</i> (Schur) Nyman.		Plazibat (ZA)	Croatia: Zelenjak	KF022580	KF022774	E and C Europe	<i>Alyssum</i>
<i>Alyssum repens</i> subsp. <i>trichostachyum</i> (Rupr.)	1	Gagnidze and Nakhutsrishvili 956 (MO)	Georgia	EF514622	n.a.	Balkan Peninsula; Krym	<i>Alyssum</i>

Hayek						
<i>Alyssum repens subsp. trichostachyum</i> (Rupr.)	2	Schonswetter & Tribsch 4402 (WU)	Georgia: Dzume Valley	KF022581	n.a.	<i>Alyssum</i>
Hayek						
<i>Alyssum simplex</i> Rudolphi	1	Barta 2002/115 (MO)	Austria	EF514624	n.a.	<i>Alyssum</i>
<i>Alyssum simplex</i> Rudolphi	2	Borsic, Galbany, Gutierrez & Ortiz (za)	Spain: Omellons	KF022587	KF022780	Russia; Turkmenistan; N Africa.; SW Asia; Europe; N America
<i>Alyssum simplex</i> Rudolphi	3	herb. Gutermann 35084 (WU)	Greece	KF022589	KF022782	<i>Alyssum</i>
* <i>Alyssum stapfii</i> Vierh.	1	K, herb.spec, S. Landrein/ R. Borosova 44193	Afghanistan	KJ206121	KJ206150	S, W Asia; Afghanistan; Pakistan; Iran
* <i>Alyssum stapfii</i> Vierh.	2	K, herb.spec, S. Landrein/ R. Borosova 44194	Iraq: Haji Omran	KJ206122	KJ206151	<i>Alyssum</i>
<i>Alyssum sribryni</i> Velen.		Dudley 34558 B 100209495	Turkey: Istanbul-Terkos Golu	KF022596	n.a.	N Africa; Europe; Turkey; S Asia
<i>Alyssum strigosum</i> Banks & Sol.	1	Schonswetter & Tribsch 6975 (WU)	Georgia: between Akaltsikhe and Atsquri	KF022597	KF022784	Europe
<i>Alyssum strigosum</i> Banks & Sol.	2	Schonswetter & Tribsch 6935 (WU)	Georgia: Akaltsikhe	KF022599	KF022786	<i>Alyssum</i>
<i>Alyssum strigosum</i> Banks & Sol.	3	herb. Gutermann 35265 (WU)	Greece	KF022600	n.a.	<i>Alyssum</i>
<i>Alyssum turkestanicum</i> Regel & Schmalh.		R. & E. Willing 172898 B 100323559	Greece	KF022606	KF022791	C Asia; Greece
* <i>Alyssum umbellatum</i> Desv.		K, herb.spec, S. Landrein/ R. Borosova 44207	Cyprus: Stavros tis Psokos	KJ206134	KJ206163	S, E Europe; Tuekey; Syria; Europe part of USSR
<i>Alyssum wulfenianum</i> Willd.		Mengoni,A,2003	Austria: Kosche	AY237924	n.a.	Austria; Italy; Jugoslavia
* <i>Alyssum xanthocarpum</i> Boiss.		K, herb.spec, S. Landrein/ R.	Turkey:Adons, Feke	KJ206117	KJ206146	Turkey

Borosova 44186							
<i>Alyssum alpestre</i> L.		Gutermann (WU)	Austria: Westalpen	KF022515	KF022724	S, W, C Europe; N Africa; Russia, Afahanistan,Turkey; N, S America	<i>Odontarrhena</i>
<i>Alyssum americanum</i> Greene	1	Batten and Dawe 78-392 (DAO)	USA: Alaska	EF514597	n.a.	C, E Asia; N America	<i>Odontarrhena</i>
<i>Alyssum americanum</i> Greene	2	Clark, 15-20 May 1973 (DAO)	Canada: Yukon	EF514598	n.a.		<i>Odontarrhena</i>
<i>Alyssum anatolicum</i> Hausskn. ex Nyár.		Mengoni,A, 2003	Turkey: Near Gumusane	AY237956	n.a.	Turkey	<i>Odontarrhena</i>
<i>Alyssum argenteum</i> All.	1	Siniscalco (TO)	Italy: Piedmont, Molette	GQ284854	n.a.	Italy	<i>Odontarrhena</i>
<i>Alyssum argenteum</i> All.	2	Selvi 08.31 (FI)	Italy: Piedmont, Vallanta	GQ284855	n.a.		<i>Odontarrhena</i>
<i>Alyssum baldaccii</i> Vierh. ex Nyár.	1	Cecchi & Selvi 08.08 (FI)	Greece: Sterea Ellas, Kedrhos	GQ284856	n.a.	Greece	<i>Odontarrhena</i>
<i>Alyssum baldaccii</i> Vierh. ex Nyár.	2	Cecchi & Selvi 08.12 (FI)	Greece: Sterea Ellas, Mt. Kallidhromon	GQ284857	n.a.		<i>Odontarrhena</i>
<i>Alyssum bertolonii</i> Desv.	1	Cecchi & Cecchi 08.35 (FI)	Italy: Tuscany, Mt. Ferrato	GQ284859	n.a.	Italy; Greece; Albania; Jugoslavia	<i>Odontarrhena</i>
<i>Alyssum bertolonii</i> Desv.	2	Cecchi & Grazzini 1940a	Italy:Liguria, Sarzana	HE806334	n.a.		<i>Odontarrhena</i>
<i>Alyssum biovulatum</i> N. Busch		Mengoni,A, 2003	Russia: Chorn-Aksy	AY237953	n.a.	Siberia; C Asia	<i>Odontarrhena</i>
<i>Alyssum borzaeanum</i> Nyár.	1	Vakarenko and Mosyakin, s.n., 19 May 1993 (MO)	Ukraine	EF514603	n.a.	Bulgaria; Romania; European part of USSR	<i>Odontarrhena</i>
<i>Alyssum borzaeanum</i> Nyár. (Cul)	2	Resetnik (ZA)	Croatia: cultivated at the Botanical Gardens	KF022525	KF022730		<i>Odontarrhena</i>
* <i>Alyssum bracteatum</i> Boiss. & Buhse		K, herb.spec, S. Landrein/ R. Borosova 44221	Iran: E Azerbaijan, ENE Tabriz	KJ206143	KJ206172	Caucasus; Iran	<i>Odontarrhena</i>
<i>Alyssum caricum</i> T. R.Dudley & Hub.-Mor.		Mengoni, A, 2003	Turkey: Köycegiz	AY237952	n.a.	Turkey (endemic)	<i>Odontarrhena</i>
<i>Alyssum chalcidicum</i> Janka	1	Resetnik (ZA)	Croatia: cultivated at	KF022526	KF022731	Spain; Albania	<i>Odontarrhena</i>

Botanical Gradens Zagreb						
<i>Alyssum chalcidicum</i> Janka	2	Hasko 04.01 (FI)	Albania: Korce, Bitincka	GQ284861	n.a.	<i>Odontarrhena</i>
<i>Alyssum condensatum</i> <i>subsp. flexibile</i> (Nyár.) T. R. Dudley		Eren & Parolly 7550 B 100208573	Turkey: Honaz Dagi	KF022527	n.a.	Turkey; Syria; Lebanon <i>Odontarrhena</i>
<i>Alyssum corsicum</i> Robert ex Gren. & Godr.		Gabrielli s.n.	France:Corsica, Bastia	HE806332	n.a.	Turkey; France <i>Odontarrhena</i>
<i>Alyssum corymbosoides</i> Formánek	1	Cecchi & Selvi 08.25 (FI)	Greece: Western Macedonia, Mt. Vourinos	GQ284878	n.a.	Balkan: Romania; Bulgaria; Greece; Jugoslavia <i>Odontarrhena</i>
<i>Alyssum corymbosoides</i> Formánek	2	Micevski (ZA)	Macedonia: between Demir Kapija and Gevgelija	KF022529	KF022733	<i>Odontarrhena</i>
<i>Alyssum cypricum</i> Nyár.		Mengoni,A,2003	Turkey: Burder	AY237948	n.a.	Cyprus; Turkey <i>Odontarrhena</i>
<i>Alyssum davisianum</i> T. R. Dudley		Mengoni,A,2003	Turkey: Kütahya	AY237947	n.a.	Turkey <i>Odontarrhena</i>
<i>Alyssum euboicum</i> Halácsy		Cecchi & Selvi 08.20 (FI)	Greece: Sterea Ellas, Evvia	GQ284882	n.a.	Greece <i>Odontarrhena</i>
<i>Alyssum fallacinum</i> Hausskn.		Mengoni,A,2003	Greece: Crete	AY237946	n.a.	Creece; Kriti <i>Odontarrhena</i>
* <i>Alyssum filiforme</i> Nyor.		K, herb.spec, S. Landrein/ R. Borosova 44200	Turkey: Erzincan	KJ206128	KJ206157	Turkey <i>Odontarrhena</i>
<i>Alyssum floribundum</i> Boiss.	1	Mengoni,A,2003	Turkey: Içel	AY237945	n.a.	Turkey <i>Odontarrhena</i>
* <i>Alyssum floribundum</i> Boiss & Bol.	2	K, herb.spec, S. Landrein/ R. Borosova 44218	Turkey: Kutahya, Tarsonli-Inegol	KJ206140	KJ206169	Turkey <i>Odontarrhena</i>
<i>Alyssum fragillimum</i> (Baldacci) Rech.f.		Bergmeier & Matthas 3254 ©	Greece: Crete, Lefka Ori	GQ284883	n.a.	Europe <i>Odontarrhena</i>
<i>Alyssum gevgelicense</i> Micevski		Micevski (MKNH)	Macedonia: Kavadarci	KF022538	KF022740	Yugoslavia; Macedonia <i>Odontarrhena</i>

<i>*Alyssum giosnanum</i> Nyor.		K, herb.spec, S. Landrein/ R. Borosova 44199	Turkey: Hatay Dstr., Belen	KJ206127	KJ206156	Turkey	<i>Odontarrhena</i>
<i>Alyssum heldreichii</i>		Cecchi & Selvi 08.26 (FI)	Greece: Western Macedonia, Mt. Vourinos	GQ284884	n.a.	Greece	<i>Odontarrhena</i>
<i>Alyssum huber-morathii</i> T. R.Dudley		Mengoni,A,2003	Turkey: Burder	AY237943	n.a.	Turkey	<i>Odontarrhena</i>
<i>*Alyssum inflatum</i> Nyor.		K, herb.spec, S. Landrein/ R. Borosova 44198	Iran	KJ206126	KJ206155	Iran	<i>Odontarrhena</i>
<i>Alyssum kavadarcense</i> Micevski		Micevski (MKNH)	Macedonia: Kavadarci	KF022544	KF022746	Yugoslavia; Macedonia	<i>Odontarrhena</i>
<i>*Alyssum lanigerum</i> DC.		K, herb.spec, S. Landrein/ R. Borosova 44220	Iran: Teheran-Tabriz Road	KJ206142	KJ206171	Iran	<i>Odontarrhena</i>
<i>Alyssum lesbiacum</i> (Candargy) Rech.f.		Mengoni,A,2003	Greece: Lesvos	AY237942	n.a.	Lesvos	<i>Odontarrhena</i>
<i>Alyssum malacitanum</i> (Rivas Goday) T. R.Dudley		Cabello Conejo s.n.	Spain:Andalusia, Sierra Bermeja	HE806335	n.a.	Spain	<i>Odontarrhena</i>
<i>Alyssum markgrafii</i> O.E. Schulz ex Markgr.		Resetnik (ZA)	Serbia: Divcibare	KF022548	KF022750	Albania; Jugoslavia	<i>Odontarrhena</i>
<i>*Alyssum masmenaeum</i> Boiss		K, herb.spec, S. Landrein/ R. Borosova 44219	Turkey: Vil Mughla	KJ206141	KJ206170	Turkey	<i>Odontarrhena</i>
<i>Alyssum murale</i> Waldst. & Kit.	1	Pavlova et al. (SOF 104630)	Bulgaria: Blagoevgrad, Mt. Belasica	GQ284885	n.a.	Balkan Peninsula; Turkey; Armenia; Kurdistan	<i>Odontarrhena</i>
<i>Alyssum murale</i> Waldst. & Kit.	2	Alegro & Bogdanovic (ZA)	Croatia: Mosor	KF022567	KF022764		<i>Odontarrhena</i>
<i>Alyssum murale</i> Waldst. & Kit.	3	Frajman, Schonswetter & Bardy (ZA)	Serbia: Deliblatska pescara	KF022568	KF022765		<i>Odontarrhena</i>
<i>Alyssum murale</i> Waldst. & Kit.	4	Schonswetter & Tribsch 4403 (WU)	Georgia: Caucasus, Dzume Valley	KF022569	KF022766		<i>Odontarrhena</i>

<i>Alyssum murale</i> Waldst. & Kit.	5	Mengoni A. isolate"3D2"		AY237937	n.a.		<i>Odontarrhena</i>
<i>Alyssum nebrodense</i> Tineo	1	Selvi s.n.	Italy:Sicily, Madonie Mts.	HE806336	n.a.	Italy; Greece	<i>Odontarrhena</i>
<i>Alyssum nebrodense</i> Tineo	2	CAT 041739	Italy: Sicily, Madonie	KF022572	KF022767		<i>Odontarrhena</i>
<i>Alyssum obovatum</i> (<i>C.Alyssum</i> Mey.) Turcz.	1	Buch and Yakubov 273B (MO)	Russia: Far East	EF514616	n.a.	Kazakhstan; Mongolia; Siberia; N America; China	<i>Odontarrhena</i>
<i>Alyssum obovatum</i> (<i>C. Alyssum</i> Mey.) Turcz.	2	Boyko and Starchenko, s.n., 28 July 1982 (MO)	Russia: Amur Prov	EF514617	n.a.		<i>Odontarrhena</i>
<i>Alyssum obovatum</i> (<i>C.</i> <i>Alyssum</i> Mey.) Turcz.	3	Al-Shehbaz et al. 9492 (MO)	Kazakhstan: Karaghanday Prov.	EF514619	n.a.		<i>Odontarrhena</i>
<i>Alyssum orbelicum</i> Ančev & Uzunov		Uzunov & Ancev (SOM 155156)	Bulgaria: Blagoevgrad, Dunino Kuche peak	GQ284888	n.a.	Bulgaria	<i>Odontarrhena</i>
<i>Alyssum oxycarpum</i> Boiss. & Balansa		Mengoni,A,2003	Turkey: Seyhan	AY237934	n.a.	Turkey	<i>Odontarrhena</i>
* <i>Alyssum pateri</i> Nyar.		K, herb.spec, S. Landrein/ R. Borosova 44184	Turkey: Konya, Konyn to Sultonthoni	KJ206115	KJ206144	Turkey	<i>Odontarrhena</i>
<i>Alyssum peltarioides</i> Boiss.	1	Mengoni,A,2003	Turkey: Burder	AY237932	n.a.	Turkey	<i>Odontarrhena</i>
<i>Alyssum peltarioides</i> Boiss.	2	Mengoni,A,2003	Turkey: Mugla	AY237940	n.a.	Turkey	<i>Odontarrhena</i>
* <i>Alyssum penjwinensis</i> T. R. Dudley		K, herb.spec, S. Landrein/ R. Borosova 44197	Iraq: Kajan Mtns	KJ206125	KJ206154	Iraq	<i>Odontarrhena</i>
<i>Alyssum pinifolium</i> (Nyar.) T. R. Dudley		Mengoni,A,2003	Turkey: Çanakkale	AY240871	n.a.	Turkey	<i>Odontarrhena</i>
<i>Alyssum pintodasilvae</i> T. R. Dudley	1	Mengoni,A,2003	Portugal: Bragança	AY237929	n.a.	Portugal	<i>Odontarrhena</i>
<i>Alyssum pintodasilvae</i> T. R. Dudley	2	Kidd s.n.	Portugal:Tras-Os-Montes, Samil	HE806337	n.a.		<i>Odontarrhena</i>
<i>Alyssum pterocarpum</i> T.R.Dudley		Mengoni,A,2003	Turkey: Antalya	AY237931	n.a.	Turkey (endemic);	<i>Odontarrhena</i>

<i>Alyssum robertianum</i> Bernard ex Gren. & Godr.	1	Charpin et al. s.n., 1983 (FI)	Italy: Sardinia, Monte Novo San Giovanni	GQ284889	n.a.	Europe: Corse; Sardegna	<i>Odontarrhena</i>
<i>Alyssum robertianum</i> Bernard ex Gren. & Godr.	2	Cecchi & Colzi s.n.	France:Corsica, Mt. San Petrone	HE817943	n.a.		<i>Odontarrhena</i>
<i>Alyssum robertianum</i> Bernard ex Gren. & Godr.	3	Cecchi & Colzi s.n.	France: Corsica, Mt. Pruno above San Martino di Iota	HE817944	n.a.		<i>Odontarrhena</i>
* <i>Alyssum samariferum</i> Boiss & Hausskn.		K, herb.spec, S. Landrein/ R. Borosova 44217	Turkey: Erzincan	KJ206139	KJ206168	Turkey	<i>Odontarrhena</i>
<i>Alyssum serpentinum</i> Micevski		Micevski (MKNH)	Macedonia: cliffs on river Pcinja	KF022582	KF022775	Yugoslavia; Macedonia	<i>Odontarrhena</i>
<i>Alyssum serpyllifolium</i> Desf.	1	Auriault 13088 (MO)	Portugal	EF514623	n.a.	SW Europe: France; Spain; Portugal	<i>Odontarrhena</i>
<i>Alyssum serpyllifolium</i> Desf.	2	Cecchi et al. s.n.	Spain: Andalusia, Sierra de Cazorla	HE806338	n.a.		<i>Odontarrhena</i>
<i>Alyssum serpyllifolium</i> var. <i>metajnae</i> Plazibat		Plazibat (ZA)	Croatia: island Pag	KF022584	KF022777	Croatia	<i>Odontarrhena</i>
<i>Alyssum sibiricum</i>	1	Mengoni,A,2003	Turkey: Bursa	AY237927	n.a.	S, E Europe; Turkey	<i>Odontarrhena</i>
<i>Alyssum sibiricum</i>	2	Cecchi & Selvi 08.21 (FI)	Greece: Sterea Ellas, Evvia	GQ284890	n.a.		<i>Odontarrhena</i>
<i>Alyssum skopjense</i> Micevski		Micevski (ZA)	Macedonia: Skopje, Zedenska Klisura	KF022594	KF022783	S. Europe	<i>Odontarrhena</i>
<i>Alyssum smolikanum</i> Nyár.		Cecchi & Selvi 08.28 (FI)	Greece: Epirus, Mt. Smolikas	GQ284891	n.a.	Greece; Albania	<i>Odontarrhena</i>
<i>Alyssum tavolarae</i> Briq	1	Cecchi et al. s.n.	Italy:Sardinia, Mt. Novo San Giovanni	HE817945	n.a.	Italy; France	<i>Odontarrhena</i>

<i>Alyssum tavolarae</i> Briq	2	Cecchi et al. s.n.	Italy:Sardinia, Island of Tavolara	HE817946	n.a.		<i>Odontarrhena</i>
<i>Alyssum tenium</i> Halácsy		Mengoni,A, 2003	Greece: Tinos	AY237926	n.a.	Greece	<i>Odontarrhena</i>
<i>Alyssum tortuosum</i> Waldst. & Kit. ex Willd.	1	Kurbanov 391 (MO)	Turkmenistan	EF514625	n.a.	Kazakhstan; Turkmenistan; SW Asia; China; Europe	<i>Odontarrhena</i>
<i>Alyssum tortuosum</i> Waldst. & Kit. ex Willd.	2	Cernoch 27287	Macedonia: Prilep	GQ284892	n.a.		<i>Odontarrhena</i>
<i>Alyssum tortuosum</i> Waldst. & Kit. ex Willd.	3	Schanzer & Majorov 17.7.2001 (WU)	Russia: Rostov-on-Don	KF022605	KF022790		<i>Odontarrhena</i>
<i>Alyssum troodi</i> Boiss. ex Boiss.		Brullo et al. (CAT)	Cyprus: Mts. Troodos, Mt. Khionistra	GQ284893	n.a.	Cyprus (endemic)	<i>Odontarrhena</i>
<i>Alyssum virgatum</i> Nyár.		Mengoni,A,2003	Turkey:Kütahya	AY237925	n.a.	Turkey	<i>Odontarrhena</i>
<i>Alyssoides utriculata</i> (L.) Medik.	1	Plazibat (ZA)	Croatia: Mosor	KF022512	-		
<i>Alyssoides utriculata</i> (L.) Medik.	2	Albach 481 (WU)	Bulgaria: Assenovgrad	KF022513	-		
<i>Aurinia corymbosa</i> Griseb.		Niketic, Stevanovic, Tomovic, Vukojicic (BEO)	Serbia: Milesevka canyon	KF022607	KF022792		
<i>Aurinia gionae</i> (Quézel & Contandr.) Greuter & Burdet		herb. Gutermann 35748 (WU)	Greece	KF022609	KF022794		
<i>Aurinia moreana</i> Tzanoud. & Iatroú		Horandl & Hadacek jun. & sen. W-1998-04073	Greece: Chlemos	KF022616	KF022801		
<i>Aurinia petraea</i> (Ard.) Schur		Dakskobler (ZA)	Slovenia: Bovec	KF022617	KF022802		
<i>Aurinia saxatilis</i>		Alegro (ZA)	Macedonia: Taorska klisura	KF022620	KF022804		
<i>Berteroa incana</i> DC.		Schonswetter & Tribsch 6285 (WU)	Austria: Vienna, HBV	KF022630	KF022814		
<i>Berteroa mutabilis</i> DC.		Alegro & Bogdanovic (ZA)	Montenegro	KF022631	KF022815		

<i>Berteroa obliqua</i> (Sm.) DC.	herb. Gutermann 35727 (WU)	Greece	KF022633	KF022816
<i>Bornmuellera baldaccii</i> (Degen) Heywood	Eisenblätter & Willing 84137 B 100341181	Greece: Trikala	KF022635	KF022818
<i>Bornmuellera cappadocica</i> (Willd.) Cullen & T. R. Dudley	W-1992-8212	Turkey: Gulzedere Gecidi	KF022636	KF022819
<i>Bornmuellera dieckii</i> Degen	Hundosi (MKNH)	Macedonia: Sar Planina	KF022637	KF022820
<i>Bornmuellera tymphaea</i> Hausskn.	herb. Gutermann 35075 (WU)	Greece: Pindos, Katara Pass (34SEK20)	KF022639	KF022822
<i>Clypeola aspera</i> Turrill	Schonswetter & Tribsch 3861 (WU)	Jordan: Ajlun	KF022643	KF022826
<i>Clypeola jonthlaspi</i> L.	Schonswetter & Tribsch 3860 (WU)	Jordan: Ajlun	KF022645	KF022827
<i>Fibigia clypeata</i>	Bogdanovic (ZA)	Macedonia: Galicica	KF022650	KF022830
<i>Fibigia eriocarpa</i> Boiss.	Hein 45-5 B 100209827	Turkey: Ortakoy - Barcin Yayla	KF022651	KF022831
<i>Fibigia lunarioides</i> Sweet	W-2000-11251	Greece: Folegandros	KF022652	KF022832
<i>Aethionema arabicum</i>			AY254539	DQ180218
<i>Aethionema elongatum</i> Boiss.			DQ518386	DQ180216
<i>Aethionema grandiflorum</i> Boiss. & 1 Hohen.			DQ249867	DQ180212
<i>Aethionema grandiflorum</i> Boiss. & 2 Hohen.			DQ452067	DQ180261