

Appendix A. Voucher information and Genbank accession numbers for taxa used in this study. Voucher specimens are deposited in the following herbaria: KUN = Kunming Institute of Botany, China; HITPBC= Xishuangbanna Tropical Botanical Garden, China; XAU=Xinjiang Agriculture University, China. Voucher information is presented for those sequences newly obtained for this investigation. Regions not sampled are indicated by an em dash (—). Taxa for which DNA was extracted directly from herbarium specimens are represented by an asterisk (*) before the species's name. Source information is incomplete for some herbarium materials.

Taxon: GenBank accessions (ITS, *rpl16* intron, *rps16* intron); Voucher specimen and /or Locality, Herbarium.

Acronema astrantiifolium H. Wolff: Zhou et al. (2008a) EU236155, FJ385068, —; ZJ0526, China, Yunnan, Shudu Lake, KUN; *Acronema paniculatum* (Franch.) H. Wolff: FJ385031, FJ385069, FJ385168; J030, China, Yunnan, Heqing, Ma'er Mt., KUN; *Acronema schneideri* H. Wolff: Zhou et al. (2008a) EU236156, FJ385070, —; ZJ810826, China, Yunnan, Shangri-La, Tiansheng Bridge, KUN; *Acronema* sp.: FJ385032, FJ385071, FJ385169; ZHAO063, China, Sichuan, Yajiang, KUN; *Angelica apaensis* R.H. Shan & C.Q. Yuan: Xue et al. (2007b) DQ263583, FJ385072, FJ385170; J068, China, Yunnan, YuLong Snow Mt., KUN; *Angelica archangelica* L.: Downie and Katz-Downie (1996) U30576 & U30577, Downie et al. (2000b) AF094362, Downie and Katz-Downie (1999) AF110536; *Angelica laxifoliata* Diels: —, FJ385073, FJ385171; ZJ0610, China, Sichuan, Maoxiang, Tudi Ling, KUN; *Angelica likiangensis* H. Wolff: Xue et al. (2007a) DQ263587, FJ385074, FJ385172; J077, China, Yunnan, YuLong Snow Mt., KUN; *Angelica maowenensis* C.Q. Yuan &

R.H. Shan: Zhou et al. (2008a) EU236157, FJ385075, FJ385173; *ZJ0582*, China, Sichuan, Gongga Mt., HaiLuoGou, KUN; *Angelica nitida* H. Wolff: —, FJ385076, FJ385174; *ZJ0618*, China, Sichuan, Songpan, Huangshengguan-Galitai, KUN; *Angelica pseudoselinum* H. Boissieu: Zhou et al. (2008a) EU236158, FJ385077, FJ385175; *ZJ0629*, China, Sichuan, Ma'er kang, Mozi ditch, KUN; *Angelica sinensis* (Oliv.) Diels: Wang et al. (unpubl.) DQ263570, —, —; *Anginon rugosum* (Thunb.) Raf.: —, Downie et al. (2000b) AF094444, Downie and Katz-Downie (1999) AF110573; *Anthriscus sylvestris* (L.) Hoffm.: Zhou et al. (2008a) EU236159, FJ385078, FJ385176; *ZJ0566*, China, Sichuan, Daocheng-Litang, KUN; *Apium graveolens* L.: Downie and Katz-Downie (1996) U30552 & U30553, —, —; *Apium ventricosum* H. Boissieu: Valiejo-Roman et al. (2002b) AY038200 & AY038214, —, —; *Aralia spinosa* L.: —, Downie et al. (2000b) AF094458, —; *Aralia chinensis* L.: —, —, Downie and Katz-Downie (1999) AF110609; *Archangelica decurrens* Ledeb.: FJ385033, FJ385079, FJ385177; *ZJ0738*, China, Xinjiang, Habahe, TieLieKe, KUN; *Arcuatopterus thalictroideus* M.L. Sheh & R.H. Shan: Zhou et al. (2008a) EU236160, FJ385080, FJ385178; *ZJ0674*, China, Yunnan, Fumin, Laoqing Mt., KUN; *Arctopus echinatus* L.: —, —, Calviño and Downie (2007) DQ832351; *Aulacospermum anomalum* Ledeb.: Katz-Downie et al. (1999) AF008641 & AF009120, Downie et al. (2000b) AF094440, Downie and Katz-Downie (1999) AF110558; *Berula erecta* (Huds.) Coville: Spalik and Downie (2006) DQ005656, —, —; *Bolax gummifera* (Lam.) Spreng.: —, Downie et al. (2000b) AF094453; Downie and Katz-Downie (1999) AF110600; *Bupleurum commelynoideum* var. *commelynoideum* (C. B. Clarke) Ridley: FJ385034, FJ385081, FJ385179; *YL688*, China, Yunnan, YuLong Snow Mt., KUN; *Bupleurum krylovianum* Schischk. ex Krylov: FJ385035,

FJ385082, FJ385180; *ZJ0726*, China, Xinjiang, KaNaSi Lake, KUN; ***Bupleurum rockii*** H. Wolff: FJ385036, FJ385083, FJ385181; *J059*, China, Yunnan, Ninglang, Hongqiao, KUN;

Calypotroscidium polycladum Rech.f & Kuber: Valiejo-Roman et al. (2006) AY941266 & AY941294, —, —; ***Carlesia sinensis*** Dunn: Downie and Katz-Downie (1996) U30562 & U30563, —, —; ***Carum carvi*** L.: —, Downie et al. (2000b) AF094392, FJ385182; *ZJ0578*, China, Sichuan, Yajiang-Kangding, KUN; ***Centella asiatica*** (L.) Urban: —, Downie et al. (2000b) AF094454, Downie and Katz-Downie (1999) AF110603; ****Chaerophyllopsis huai*** H Boissieu (clone 1): FJ385037, —, — ; *068412*, China, Yunnan, Gongshan, Dongshaofang, HITBC; ****Chaerophyllopsis huai*** H Boissieu (clone 2): FJ385038, —, — ; *068412*, China, Yunnan, Gongshan, Dongshaofang, HITBC; ***Chaerophyllum prescottii*** DC.: FJ385039, FJ385084, FJ385183; *ZJ0744*, China, Xinjiang, Habahe, TieLieKe, KUN; ***Chaerophyllum temulum*** L.: —, Downie et al. (2000b) AF094354, — ; ***Chamaesciadium acaule*** C. A. Mey.: Papini (2006) AY957495 & AY957496, —, —; ***Chamaesium paradoxum*** H. Wolff: Zhou et al. (2008a) EU236161, FJ385085, FJ385184; *ZJ0560*, China, Sichuan, Daocheng-Litang, KUN; ***Chamaesium thalictrifolium*** H. Wolff: Zhou et al. (2008a) EU236162, FJ385086, FJ385185; *ZJ0607*, China, Sichuan, Zhangla-Caowan, KUN; ***Chamaesium wolffianum*** Fedde ex H. Wolff: Zhou et al. (2008a) EU236163, FJ385087, FJ385186; *ZJ0525*, China, Yunnan, Shudu Lake, KUN; ***Changium smyrnioides*** H. Wolff: Hu et al. (unpubl.) DQ517340, FJ385088, FJ385187; *J101*, China, Jiangsu Institute of Botany, nursery, KUN; ***Chuanminshen violaceum*** M.L. Shen & R.H. Shan: FJ385040, FJ385089, FJ385188; *J105*, China, Sichuan, Cangxi, Xinlong nursery, KUN; ***Cicuta virosa*** L.: Lee and Downie (2006) AY524767, —, —;

Cnidium monnieri (L.) Cuss.: Zhou et al. (2008a) EU236164, FJ385090, FJ385189; ZJ0676, China, Yunnan, Songming, KUN; *Cnidium officinale* Makino.: Downie et al. (1998) U78388 & U78448, —, —; *Coelopleurum Lucidum* (L.) Fern.: Xue et al. (2007a) DQ270196, —, —; *Coelopleurum saxatile* (Turcz. ex Ledeb.) Drude: Xue et al. (2007a) DQ270195 —, —; *Conioselinum chinense* (L.) B.S.P.: Downie et al. (1998) U78374, —, —; *Conioselinum scopulorum* (A. Gray) J.M. Coult. & Rose: Katz-Downie et al. (1999) AF008634 & AF009113, —, —; *Conioselinum vaginatum* (Spreng.) Thell.: FJ385041, FJ385091, FJ385190; ZJ0731, China, Xinjiang, KaNaSi Lake, KUN; *Conium maculatum* L.: Downie and Katz-Downie (1996) U30588 & U30589, —, —; *Coriandrum sativum* L.: Downie and Katz-Downie (1996) U30586 & U30587, —, —; *Cortia depressa* (D. Don) C. Norman: Katz-Downie et al. (1999) AY008607 & AY009086, —, —; *Cortiella hookeri* (C.B. Clarke) C. Norman: Valiejo-Roman et al. (2006) AY328932 & AY330498, —, —; *Cryptotaenia japonica* Hassk.: Hardway et al. (2004) AY360236, —, —; *Cyclorhiza peucedanifolia* (Franch.) Constance: Valiejo-Roman et al. (2002b), AY038210 & AY038224, —, —; *Cyclorhiza peucedanifolia* (Franch.) Constance: FJ385042, FJ385092, FJ385191; J034, China, Yunnan, YuLong, Daju, Xiahutiao, KUN; *Cyclorhiza waltonii* (H. Wolff) M.L. Sheh & R.H. Shan: Zhou et al. (2008a) EU236165, FJ385093, FJ385192; ZJ0536, China, Sichuan, Derong, KUN; *Cyclospermum leptophyllum* (Pers.) Sprague ex Britton & P. Wilson: Khan et al. (unpubl.) AB243689, —, —; *Czernaevia laevigata* Turcz.: Xue et al. (2007a) DQ270197, —, —;

Dickinsia hydrocotyloides Franch.: —, —, Andersson et al. (2006) DQ133853;

Eleutherospermum cicutarium (M. Bieb.) Boiss.: —, Downie et al. (2000b) AF094436,

Downie and Katz-Downie (1999) AF110561; *Eremocharis fruticosa* Phil.: —,
 Downie et al. (2000b) AF094452, Downie and Katz-Downie (1999) AF110598;
Erigenia bulbosa (Michx.) Nutt.: Katz-Downie et al. (1999) AF008636 &
 AF009115, Downie et al. (2000b) AF094433, Downie and Katz-Downie (1999)
 AF110554; *Eryngium planum* L.: —, Downie et al. (2000b) AF094450, Downie and
 Katz-Downie (1999) AF110584;

Ferula kingdon-wardii H. Wolff: Zhou et al. (2008a) EU236166, FJ385094, FJ385193;
 ZJ810846, China, Yunnan, Shangri-La, Napa Sea, KUN; *Ferula olivacea* (Diels) H.
 Wolff: FJ385043, FJ385095, Lee and Downie (2000) AF123750; J096, China,
 Yunnan, YuLong Snow Mt., KUN;

Hansenia mongholica Turcz.: Katz-Downie et al. (1999) AF008643 & AF009122, —, —;
Haplosphaera phaea Hand.-Mazz.: Zhou et al. (2008a) EU236167, FJ385096,
 FJ385194; ZJ0521, China, Yunnan, Shudu Lake, KUN; *Harrysmithia franchetii* (M.
 Hiroe) M.L. Sheh: FJ385044, FJ385097, FJ385195; ZJ0748, China, Yunnan, Luquan,
 KUN; *Heracleum bivittatum* H. Boissieu: Zhou et al. (2008a) EU236168, FJ385098,
 FJ385196; ZJ0611, China, Sichuan, Maoxiang, Tudi Ling, KUN; *Heracleum forrestii*
 H. Wolff: Zhou et al. (2008a) EU236169, FJ385099, FJ385197; ZJ091032, China,
 Yunnan, Shangri-La, Hong Mt., KUN; *Heracleum millefolium* Diels: Zhou et al.
 (2008a) EU236170, FJ385100, FJ385198; ZJ0569, China, Sichuan, Litang-Yajiang,
 KUN; *Heracleum rigens* DC. (= *Tetrataenium rigens* (DC.) Manden.): Downie and
 Katz-Downie (1996) U30548 & U30549, Downie et al. (2000b) AF094373, Downie
 et al. (2000c) AF164804; *Heracleum scabridum* Franch.: Zhou et al. (2008a)
 EU236171, FJ385101, FJ385199; ZJ091042, China, Yunnan, Shangri-La, Big Snow
 Mt., KUN; *Heteromorpha arborescens* (Spreng.) Cham. & Schltdl.: —, Downie et

al. (2000b) AF094446, Downie and Katz-Downie (1999) AF110575; *Hydrocotyle rotundifolia* Roxb. (= *Hydrocotyle sibthorpioides* Lam.): —, Downie et al. (2000b) AF094455, Downie and Katz-Downie (1999) AF110607; *Hymenidium foetens* (Franch.) Pimenov & Kljuykov (= *Pleurospermum foetens* Franch.): Valiejo-Roman et al. (2002b) AY038212 & AY038226, Downie et al. (2000b) AF094438, Downie and Katz-Downie (1999) AF110559;

Komarovia anisosperma Korovin: Valiejo-Roman et al. (1998) AF077897, Downie et al. (2000b) AF094434, Downie and Katz-Downie (1999) AF110555;

Libanotis depressa R.H. Shan & M.L. Sheh: Downie et al. (2000c) AF164829 & AF164854, —, —; *Libanotis eriocarpa* Schrenk: FJ385045, FJ385102, FJ385200; ZJ0708, Xinjiang, Fukang, Tian Mt., KUN; *Libanotis sibirica* (L.) C.A. Mey.: FJ385046, FJ385103, FJ385201; ZJ0741, Xinjiang, Habahe, TieLieKe, KUN; *Ligusticum acuminatum* Franch.: Zhou et al. (2008a) EU236172, FJ385104, FJ385202; ZJ0615, China, Sichuan, Songpan, Huangshengguan, KUN; *Ligusticum daucoides* (Franch.) Franch.: Zhou et al. (2008a) EU236173, FJ385105, FJ385203; ZJ0556, China, Sichuan, Daocheng, Bowa Mt., KUN; *Ligusticum delavayi* Franch.: Zhou et al. (2008a) EU236174, FJ385106, FJ385204; ZJ810841, China, Yunnan, Xiaozhongdian, KUN; *Ligusticum involucratum* Franch.: Zhou et al. (2008a) EU236175, FJ385107, FJ385205; ZJ0572, China, Sichuan, Yajiang- Kangding, KUN; **Ligusticum mucronatum* (Schrenk) Leute: FJ385047, —, —; J110, XAU; *Ligusticum oliverianum* (H. Boissieu) R.H. Shan: Zhou et al. (2008a) EU236176, FJ385108, FJ385206; ZJ0609, China, Sichuan, Zhangla-Caowan, KUN; *Ligusticum scapiforme* H. Wolff: Zhou et al. (2008a) EU236177, FJ385109, FJ385207; ZJ0546, China, Sichuan, Ma'an Mt., KUN; *Lithosciadium multicaule* Turcz.: Downie et al.

(2000c) AF164831 & AF164856, Downie et al. (2000b) AF094405, —;

Meeboldia achilleifolia (DC.) P.K. Mukh. & Constance: Valiejo-Roman et al. (2002b), AY038206 & AY038220, —, —; ***Meeboldia yunnanensis*** (H. Wolff) Constance & F.T. Pu: Zhou et al. (2008a) EU236178, FJ385110, FJ385208; *ZJ0673*, China, Yunnan, Fumin, Laoqing Mt., KUN; ***Meeboldia yunnanensis*** (H. Wolff) Constance & F.T. Pu: FJ385048, FJ385111, FJ385209; *J036*, China, Yunnan, YuLong, Daju, Xiahutiao, KUN; ****Melanosciadium pimpinelloideum*** H. Boissieu: FJ385049, FJ385112, —; *046328I*, China, Yunnan, Daguan, KUN; ****Melanosciadium pimpinelloideum*** H. Boissieu: FJ385050, FJ385113, FJ385210; *0463289*, China, Hubei, Xingshan, Shennongjia, KUN;

Nothosmyrnum japonicum Miq.: Zhou et al. (2008a) EU236179, FJ385114, FJ385211; *ZJ0687*, China, Sichuan, Maoxian, Tudiling, KUN; ***Notopterygium forbesii*** H. Boissieu (= ***Notopterygium franchetii*** H. Boissieu): Valiejo-Roman et al. (2002b) AY038208 & AY038222, —, —; ***Notopterygium incisum*** C.C. Ting ex H.T. Chang: Zhou et al. (2008a) EU236180, FJ385115, FJ385212; *ZJ0697*, China, Yunnan, KIB nursery, KUN; ***Notopterygium weberbauerianum*** (Fedde ex H. Wolff) Pimenov & Kljuykov: Valiejo-Roman et al. (2002b) AY038209 & AY038223, —, —;

Oenanthe benghalensis (Roxb.) Kurz: Zhou et al. (2008a) EU236181, FJ385116, FJ385213; *ZJ0665*, China, Yunnan, Tengchong, KUN; ***Oenanthe hookeri*** C.B. Clarke: Zhou et al. (2008a) EU236182, FJ385117, FJ385214; *ZJ0519*, China, Yunnan, Shangri-La, Baishui Terrace, KUN; ***Oenanthe linearis*** subsp. ***linearis*** (Batalin) Hara: FJ385051, FJ385118, FJ385215; *J112*, China, Yunnan, Pingbian, Dawei Mt., KUN; ***Oenanthe linearis*** subsp. ***rivularis*** (Dunn) C.Y. Wu & F.T. Pu: Zhou et al. (2008a) EU236183, FJ385119, FJ385216; *ZJ0710*, China, Yunnan, Yuxi, KUN; ***Oenanthe***

thomsonii C.B. Clarke: Zhou et al. (2008a) EU236186, FJ385120, FJ385217; *ZJ005*, China, Yunnan, Pingbian, Dawei Mt., KUN; *Oreomyrrhis involucrata* Hayata: FJ385052, —, FJ385218; *J111*, China, Taiwan, KUN; *Oreomyrrhis taiwaniana* Masamune: Chung et al. (2005) AJ854343, —, —; *Ostericum scaberulum* (Franch.) C.Q. Yuan & R.H. Shan: FJ385053, FJ385121, FJ385219; *YL757*, China, YuLong Snow Mt., KUN;

Parasilaus asiaticus (Korovin) Pimenov: Katz-Downie et al. (1999) AF008642 & AF009121, Downie et al. (2000b) AF094435, Calviño et al. (2006) AY838433; *Pastinaca sativa* L.: —, Downie et al. (2000b) AF094370, Downie and Katz-Downie (1999) AF110538; *Petroselinum crispum* (Mill.) Nyman ex A.W. Hill: Downie et al. (1998) U78387 & U78447, —,—; *Peucedanum delavayi* Franch.: FJ385054, FJ385122, FJ385220; *J076*, China, Yunnan, YuLong Snow Mt., KUN; *Peucedanum ferulaceum* (Thunb.) Eckl. & Zeyh.: —,—, Calviño et al. (2006) AY838434; *Peucedanum morisonii* Bess. ex Spreng.: —, Downie et al. (2000b) AF094413, —; *Peucedanum officinale* L.: Spalik et al. (2004) AF495820 & AF495821, —,—; *Peucedanum pearsonii* Adamson: —,—, Calviño et al. (2006) AY838436; *Peucedanum praeruptorum* Dunn: Xu et al. (unpubl.) DQ132871, —,—; *Peucedanum terebinthaceum* (Fisch. ex Trevir.) Turcz.: Choi et al. (unpubl.) AY548216, —, —; *Peucedanum turgeniifolium* H. Wolff: Zhou et al. (2008a) EU236187, FJ385123, —; *ZJ0634*, China, Sichuan, Ma'erkang, Songgang Country, KUN; *Physospermopsis cuneata* H. Wolff: Zhou et al. (2008a) EU236188, FJ385124, —; *ZJ0680*, China, Yunnan, Lugu Lake, KUN; *Physospermopsis cuneata* H. Wolff: FJ385055, FJ385125, FJ385221; *J066*, China, Yunnan, YuLong Snow Mt., KUN; *Physospermopsis delavayi* (Franch.) H. Wolff: FJ385056, FJ385126, FJ385222; *J033*,

China, Yunnan, YuLong Snow Mt, KUN; *Physospermopsis kingdon-wardii* (H. Wolff) C. Norman: Downie et al. (2000c) AF164835 & AF164860, —, —;

Physospermopsis kingdon-wardii (H. Wolff) C. Norman: Zhou et al. (2008a) EU236190, FJ385127, FJ385223; *ZJ810822*, China, the first bend of Jinsha River, KUN; *Physospermopsis muliensis* R.H. Shan & S.L. Liou: Zhou et al. (2008a) EU236191, FJ385128, FJ385224; *ZJ0686*, China, Yunnan, Lugu Lake, KUN;

Physospermopsis rubrinervis (Franch.) C. Norman: Downie et al. (2000c) AF164836 & AF164861, —, —; *Physospermopsis shaniana* C.Y. Wu & F.T. Pu: Zhou et al. (2008a) EU236192, FJ385129, FJ385225; *ZJ0678*, China, Yunnan, Lugu Lake, KUN;

Pimpinella acuminata (Edgew.) C.B. Clarke: Zhou et al. (2008a) EU236193, FJ385130, FJ385226; *ZJ0503*, China, Yunnan, Lijiang, Sandawan, KUN; *Pimpinella candolleana* Wight & Arn.: Zhou et al. (2008a) EU236194, FJ385131, FJ385227; *ZJ0535*, China, Yunnan, Shangri-La, Napa Sea, KUN; *Pimpinella henryi* Diels: Zhou et al. (2008a) EU236195, FJ385132, FJ385228; *ZJ0524*, China, Yunnan, Shudu Lake, KUN; *Pimpinella purpurea* (Franch.) H. Boissieu: Zhou et al. (2008a) EU236197, FJ385133, FJ385229; *ZJ0527*, China, Yunnan, Shudu Lake, KUN; *Pimpinella rockii* H. Wolff: FJ385057, FJ385134, —; *J083*, China, Yunnan, YuLong Snow Mt., KUN; *Pimpinella smithii* H. Wolff: Zhou et al. (2008a) EU236196, FJ385135, FJ385230; *ZJ0643*, China, Sichuan, Wenchuan, Wolong, KUN; *Pimpinella yunnanensis* (Franch.) H. Wolff: FJ385058, FJ385136, FJ385231; *J088*, China, Yunnan, YuLong Snow Mt., KUN; *Pleurospermum franchetianum* Hemsl.: Zhou et al. (2008a) EU236198, FJ385137, FJ385232; *ZJ0573*, China, Sichuan, Yajiang-Kangding, KUN; *Pleurospermum hookeri* C.B. Clarke: Downie et al. (2000c) AF164838 & AF164863, —, —; *Pleurospermum hookeri* var. *thomsonii* C.B. Clarke: Zhou et al. (2008a)

EU236199, FJ385138, FJ385233; *ZJ0545*, China, Sichuan, Ma'an Mt, KUN;

Pleurospermum wilsonii H. Boissieu: Zhou et al. (2008a) EU236200, FJ385139, FJ385234; *ZJ0624*, China, Sichuan, Hongyuan, Shuajing temple, KUN;

Pleurospermum wrightianum H. Boissieu: Zhou et al. (2008a) EU236201, FJ385140, FJ385235; *ZJ0669*, China, Yunnan, Shangri-La, Big Snow Mt., KUN;

Pleurospermum yunnanense Franch.: Zhou et al. (2008a) EU236202, FJ385141, FJ385236; *ZJ091033*, China, Yunnan, Shangri-La, Hong Mt., KUN; *Pternopetalum botrychioides* (Dunn) Hand.-Mazz.: Zhou et al. (2008a) EU236203, FJ385142, FJ385237; *ZJ04*, China, Yunnan, Suijiang, Luohan Ping, KUN; *Pternopetalum cardiocarpum* (Franch.) Hand.-Mazz.: Zhou et al. (2008a) EU236204, FJ385143, FJ385238; *ZJ0581*, China, Sichuan, HaiLuo Gou-Mianning, KUN; *Pternopetalum davidii* Franch.: Zhou et al. (2008a) EU236205, FJ385144, FJ385239; *ZJ06*, China, Yunnan, Suijiang, Luohan Ping, KUN; *Pternopetalum delavayi* (Franch.) Hand.-Mazz.: —, FJ385145, FJ385240; *ZJ0504*, China, Yunnan, Lijiang, Sandawan, KUN; *Pternopetalum trichomanifolium* (Franch.) Hand.-Mazz.: —, FJ385146, FJ385241; *ZJ03*, China, Yunnan, Suijiang, Luohan Ping, KUN; *Pterocyclus rivulorum* (Diels) H. Wolff: Valiejo-Roman et al. (2002b) AY038205 & AY038219, —, —;

Sanicula astrantiifolia H. Wolff: —, FJ385147, FJ385242; *J003*, China, Yunnan, Bianchuan, Jizu Mt., KUN; *Sanicula canadensis* L.: —, Downie et al. (2000b) AF094447, Downie and Katz-Downie (1999) AF110592; *Saposhnikovia divaricata* (Turcz.) Schischk.: Choi et al. (unpubl.) AY548221, —, —; **Schulzia albiflora* (Karelin & Kirilov) Popov: FJ385059, FJ385148, —; *J101*, XAU; *Schulzia crinita* (Pallas) Spreng.: Valiejo-Roman et al. (2006) AY328949 & AY330515, —, —;

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