

Table S2. A list of rare species with small ranges around the world of the *Amaranthaceae* family deposited in the KRA herbarium.

Name species	Numer of sheet in Table S1 („Scan number”)	Area of natural occurrence [1]	Threats
<i>Achyroopsis laniceps</i> C.B.Clarke	1. UJ-KRA-P-36817-N / KRA-P-298426 2. UJ-KRA-P-36818-N / KRA-P-298425 3. UJ-KRA-P-36819-N / KRA-P-298417 4. UJ-KRA-P-36820-N / KRA-P-298418 5. UJ-KRA-P-36821-N / KRA-P-298419	Burundi, Malawi, Tanzania, Zambia, Zaïre	–
<i>Aerva microphylla</i> Moq.	UJ-KRA-P-36771-N / KRA-P-182950	Socotra Endemic [2]	LC [3]
<i>Aerva revoluta</i> Balf. f.	UJ-KRA-P-36771-N / KRA-P-182950	Socotra Endemic [2]	LC [3]
<i>Amaranthus mitchellii</i> Beneth.	1. UJ-KRA-P-36196-N / KRA-P-108664 2. UJ-KRA-P-36197-N / KRA-P-108663 3. UJ-KRA-P-36198-N / KRA-P-110784	New South Wales, Northern Territory, Queensland, South Australia, Western Australia	
<i>Amaranthus pumilus</i> Raf.	UJ-KRA-P-35684-N / KRA-P-184678	Connecticut, Delaware, Maryland, New York, North Carolina, Pennsylvania, Rhode I., South Carolina Extinct: Massachusetts, New Jersey, Virginia plant endemic to the barrier island beaches of the Atlantic coast [4,5]	different conservation protection statuses depending on the State/Provincial [6]
<i>Anabasis eugeniae</i> Iljin.	UJ-KRA-P-43071-N / KRA-P-277341	Iran, Transcaucasus endemic to Azerbaijan [7]	VU [8]
<i>Atriplex australasica</i> Moq.	UJ-KRA-P-39978-N / KRA-P-313842	New South Wales, South Australia, Tasmania, Victoria	
<i>Atriplex californica</i> Moq.	UJ-KRA-P-39992-N / KRA-P-185720	California, Mexico Northwest	
<i>Atriplex phyllostegia</i> (Torr. ex S. Watson) S. Watson	UJ-KRA-P-40913-N / KRA-P-447968	Nevada	
<i>Atriplex polycarpa</i> (Torr.) S. Watson	1. UJ-KRA-P-40915-N / KRA-P-291241 2. UJ-KRA-P-40916-N / KRA-P-291240	Arizona, California, Mexico Northwest, Nevada, Utah	
<i>Atriplex pusilla</i> (Torr. ex S. Watson) S. Watson	UJ-KRA-P- 41388-N / KRA-P-360239	Nevada, Oregon Extinct: California	
<i>Atriplex elachophylla</i> F. Muell.	1. UJ-KRA-P-40001-N / KRA-P-108706	New South Wales, Northern Territory,	

	2. UJ-KRA-P-40002-N / KRA-P-108707	Queensland, South Australia, Western Australia	
<i>Atriplex quinii</i> F. Muell.	UJ-KRA-P- 41389-N / KRA-P-109900	New South Wales, Northern Territory, Queensland, South Australia, Western Australia	
<i>Bienertia cycloptera</i> Bunge	1. UJ-KRA-P-42660-N / KRA-P-186277 2. UJ-KRA-P-42659-N / KRA-P-186278	Afghanistan, Iran, Kazakhstan, Pakistan, South European Russi, Transcaucasus, Turkey, Turkmenistan	
<i>Celosia anthelminthica</i> Asch.	UJ-KRA-P-35474-N / KRA-P-184385	Ethiopia, Kenya, Rwanda, Tanzania, Uganda, Yemen	
<i>Celosia elegantissima</i> Hauman	UJ-KRA-P-35478-N / KRA-P-110335	Burundi, Rwanda, Tanzania, Uganda, Zaïre	LC [9]
<i>Celosia elongata</i> Spreng.	UJ-KRA-P-35479-N / KRA-P-184393	Bolivia, Chile Central, Chile North, Colombia, Ecuador, Peru	
<i>Chenopodium californicum</i> (S. Watson) S. Watson	UJ-KRA-P-37952-N / KRA-P-440253	California, Mexico Northwest	
<i>Chenopodium nitrariaceum</i> (F.Muell.) F.Muell. ex Benth.	UJ-KRA-P-38624-N / KRA-P-113490	New South Wales, Northern Territory, Queensland, South Australia, Victoria	
<i>Chenopodium sosnowskyi</i> Kapeller	UJ-KRA-P-39364-N / KRA-P-185063	Iran, North Caucasus, Transcaucasus, Turkey, Turkmenistan	
<i>Chenopodium desertorum</i> (J. M. Black) J. M. Black	1. UJ-KRA-P-37968-N / KRA-P-112865 2. UJ-KRA-P-37969-N / KRA-P-112864 3. UJ-KRA-P-37970-N / KRA-P-112863	New South Wales, Northern Territory, Queensland, South Australia, Victoria, Western Australia	
<i>Corispermum papillosum</i> (Kuntze) Iljin	UJ-KRA-P-12636-N / KRA-P-470253	Kazakhstan, Tadzhikistan, Turkmenistan, Uzbekistan	
<i>Cornulaca korshinskyi</i> Litv.	UJ-KRA-P-42694-N / KRA-P-186291	Kazakhstan, Tadzhikistan, Turkmenistan, Uzbekistan	
<i>Cyathula polycephala</i> Baker	UJ-KRA-P-36716-N / KRA-P-184760	Ethiopia, Kenya, Rwanda, Tanzania, Zaïre	
<i>Gamanthus commixtus</i> Bunge	UJ-KRA-P-43122-N / KRA-P-186341	Afghanistan, Kazakhstan, Kirgizstan, Tadzhikistan, Uzbekistan	
<i>Gamanthus ferganicus</i> Iljin	1. UJ-KRA-P-12641-N / KRA-P-488421 2. UJ-KRA-P-12642-N / KRA-P-488413	Kirgizstan, Tadzhikistan, Uzbekistan Endemic species of the Fergana valley (Uzbekistan) [10]	
<i>Gamanthus pilosus</i> (Pall.) Bunge	UJ-KRA-P-43123-N / KRA-P-186069	North Caucasus, Transcaucasus	
<i>Gomphrena nitida</i> Rothr	1. UJ-KRA-P-36874-N / KRA-P-453883	Texas	

	2. UJ-KRA-P-36875-N / KRA-P-454004		
<i>Gomphrena sonora</i> Torr.	UJ-KRA-P-36877-N / KRA-P-291245	Arizona, Mexico Northeast, Mexico Northwest, Mexico Southwest, New Mexico	
<i>Gomphrena parviflora</i> Benth.	UJ-KRA-P-36876-N / KRA-P-108662	Northern Territory, Western Australia	
<i>Halanthium rarifolium</i> K. Koch	1. UJ-KRA-P-43120-N / KRA-P-277995 2. UJ-KRA-P-43119-N / KRA-P-277316 3. UJ-KRA-P-43118-N / KRA-P-277315	Iran, North Caucasus, Transcaucasus, Turkey	
<i>Halogeton sativus</i> (L.) Moq	UJ-KRA-P-43127-N / KRA-P-186346	Algeria, Morocco, Spain	
<i>Halosarcia pruinosa</i> (Paulsen) Paul G. Wilson	UJ-KRA-P-43131-N / KRA-P-110753	Northern Territory, South Australia, Victoria, Western Australia	
<i>Halothamnus hierochunticus</i> (Bornm.) Botsch.	UJ-KRA-P-43132-N / KRA-P-129531	Iran, Iraq, Lebanon-Syria, Palestine, Turkey	
<i>Kalidium gracile</i> Fenzl	1. UJ-KRA-P-12651-N / KRA-P-108365 2. UJ-KRA-P-12650-N / KRA-P-100287 3. UJ-KRA-P-12652-N / KRA-P-107897	Inner Mongolia, Mongolia, Xinjiang	
<i>Lagrezia monosperma</i> (Rose) Standl.	1. UJ-KRA-P-35497-N / KRA-P-276227 2. UJ-KRA-P-35498-N / KRA-P-276229	Mexico Southeast, Mexico Southwest	LC [11]
<i>Maireana aphylla</i> (R. Br.) Paul G. Wilson	1. UJ-KRA-P-42339-N / KRA-P-108691 2. UJ-KRA-P-42338-N / KRA-P-108689	New South Wales, Northern Territory, Queensland, South Australia, Victoria, Western Australia Endemic	
<i>Maireana appressa</i> Paul G. Wilson	1. UJ-KRA-P-42340-N / KRA-P-112900 2. UJ-KRA-P-42341-N / KRA-P-112899	New South Wales, Northern Territory, Queensland, South Australia, Victoria, Western Australia Endemic	
<i>Maireana georgei</i> (Diels) Paul G. Wilson	UJ-KRA-P-42343-N / KRA-P-108687	New South Wales, Northern Territory, Queensland, South Australia, Victoria, Western Australia Endemic	
<i>Maireana integra</i> (Paul G. Wilson) Paul G. Wilson	UJ-KRA-P-42342-N / KRA-P-108686	New South Wales, Northern Territory, South Australia, Western Australia	

		Endemic	
<i>Maireana planifolia</i> (F. Muell.) Paul G. Wilson	1. UJ-KRA-P-42345-N / KRA-P-108685 2. UJ-KRA-P-42344-N / KRA-P-108684	New South Wales, Northern Territory, South Australia, Western Australia Endemic	
<i>Maireana pyramidata</i> (Benth.) Paul G. Wilson	UJ-KRA-P-42346-N / KRA-P-112870	New South Wales, South Australia, Victoria, Western Australia Endemic	
<i>Maireana sclerolaenoides</i> (F. Muell.) Paul G. Wilson	UJ-KRA-P-42336-N / KRA-P-108683	New South Wales, Western Australia Endemic	
<i>Malacocera gracilis</i> Chinnock	UJ-KRA-P-42069-N / KRA-P-113633	South Australia	
<i>Ptilotus macrocephalus</i> (R. Br.) Poir.	UJ-KRA-P-36749-N / KRA-P-109803	New South Wales, Northern Territory, Queensland, South Australia, Victoria, Western Australia	
<i>Ptilotus obovatus</i> (Gaudich.) F. Muell.	1. UJ-KRA-P-36751-N / KRA-P-112697 2. UJ-KRA-P-36754-N / KRA-P-113622 3. UJ-KRA-P-36752-N / KRA-P-113357 4. UJ-KRA-P-36753-N / KRA-P-113356	New South Wales, Northern Territory, Queensland, South Australia, Western Australia	
<i>Rhagodia parabolica</i> R. Br.	UJ-KRA-P-36920-N / KRA-P-112880	New South Wales, Northern Territory, Queensland, South Australia, Victoria, Western Australia	
<i>Salicornia blackiana</i> Ulbr.	UJ-KRA-P-43136-N / KRA-P-315636	South Australia, Tasmania, Victoria, Western Australia	
<i>Salsola araneosa</i> Botsch.	UJ-KRA-P-42714-N / KRA-P-186139	Namibia	
<i>Salsola brevifolia</i> Desf.	UJ-KRA-P-43017-N / KRA-P-186260	Algeria, Morocco, Tunisia	
<i>Salsola capensis</i> Botsch.	UJ-KRA-P-42728-N / KRA-P-417950	Cape Provinces	? [12]
<i>Salsola papillosa</i> (Coss.) Willk.	UJ-KRA-P-42933-N / KRA-P-186214	Spain	LC [13]
<i>Salsola verticillata</i> Schousb.	1. UJ-KRA-P-43034-N / KRA-P-253346 2. UJ-KRA-P-43033-N / KRA-P-405044 3. UJ-KRA-P-43030-N / KRA-P-353896 4. UJ-KRA-P-43031-N / KRA-P-353898 5. UJ-KRA-P-43032-N / KRA-P-353897	Morocco	

<i>Salsola melitensis</i> Botsch.	UJ-KRA-P-43047-N / KRA-P-460410	Sicilia Endemic	
<i>Sclerolaena johnsonii</i> (Ising) A. J. Scott	1. UJ-KRA-P-42352-N / KRA-P-108711 2. UJ-KRA-P-42352-N / KRA-P-108711	New South Wales, Northern Territory, Queensland, South Australia, Western Australia	
<i>Sclerolaena uniflora</i> R. Br.	1. UJ-KRA-P-42355-N / KRA-P-108709 2. UJ-KRA-P-42354-N / KRA-P-110750	South Australia, Western Australia	
<i>Seidlitzia rosmarinus</i> Bunge ex Boiss.	UJ-KRA-P-42701-N / KRA-P-186292	Afghanistan, Egypt, Gulf States, Iran, Iraq, Kuwait, Lebanon-Syria, Oman, Palestine, Saudi Arabia, Sinai, Socotra, Tadzhikistan, Turkmenistan, Uzbekistan	
<i>Suaeda californica</i> S. Watson	UJ-KRA-P-42567-N / KRA-P-186121	California, Mexico Northwest	
<i>Suaeda occidentalis</i> (S. Watson) S. Watson	1. UJ-KRA-P-42676-N / KRA-P-312130 2. UJ-KRA-P-42677-N / KRA-P-312127	California, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming	
<i>Traganum moquinii</i> Webb ex Moq.	1. UJ-KRA-P-42691-N / KRA-P-417495 2. UJ-KRA-P-42689-N / KRA-P-426192 3. UJ-KRA-P-42690-N / KRA-P-426494	Canary Is., Cape Verde, Mauritania, Morocco, Western Sahara	

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