

A reservoir of ethnobotanical knowledge informs resilient food security and health strategies in the Balkans

Supplementary Figure 1. Data grid used to calculate statistical significance (Fisher's Exact Test) of the difference in plant uses between two groups.

	Group 1 (Gorani)	Group 2 (Albanian)	<i>Row Totals</i>
Use reported	a	b	$a+b$
No use reported	c	d	$c+d$
<i>Column Totals</i>	$a+c$	$b+d$	$a+b+c+d (= n)$

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Supplementary Table 1. Plants used for food, health and household applications in the study area.

Botanical Taxon ^a and Herbarium Accession Code	St ^b	Local Name ^c	English Name	UV _{Gor}	UV _{Alb}	UV _Q	PU ^d	Preparation	Local use or treated illness	Gor N _{uc} ^e	Alb N _{uc} ^e	FL ^f	
ADOXACEAE													
<i>Sambucus ebulus</i> L. CAME-26254	W	Qenla ^A Kingjla ^A	Dwarf Elder	0	0.62	I	Infr	Crushed in water	As natural ink		10*	26%	
								Infr and L	Dried	Sold	3	8%	
									Boiled in water, left to cool and then used in baths (soak whole body) and washes of the chest	Colds and respiratory illness	1	3%	
								L	Decoction, topically applied/ soak legs in this	Rheumatisms	3	8%	
									Fresh, hold on affected area, sometimes followed by bath with fruit and leaves	Rheumatisms	5	13%	
R	Pounded, topically applied (past use)	Rheumatisms	3	8%									
<i>Sambucus nigra</i> L. PRN-69/Pz/2013	W	Boz ^G Erboz ^G Shtog ^A	Elderberry	0.75	0.13	VIII	Infl	Distribute around the home	Mouse repellent		7*	18%	
								Fr	Dried, tea, drunk	Anti-inflammatory (for sore throats)	7*	18%	
									L	Fresh, tied onto clothing	Cough (Anti-tussive)	8‡	21%
											Diarrhea	3	8%
											Panacea	3	8%
								Fr	Dried	Dried and made into tea	Galactagogue (drunk following childbirth)	3	8%
											Sore throat	3	8%
L	Fresh, beat, topically applied	Vulnerary (wounds and bruises)	3	8%									
AMARANTHACEAE													
<i>Atriplex hortensis</i> L.	C	Laboda ^G	Garden Orache	0.07	0	V	L	Cooked in savory pies (<i>pita^G/byrek^A</i>)	Food	3		--	
<i>Beta vulgaris</i> L.		Repa ^G	Fodder beet	0.05	0	V	AP, R	In autumn, fresh plant is cut into pieces and given to milk cows each morning with their fodder; after the autumn harvest, the tubers are buried like potatoes underground and covered with oat straw	Galactagogue for cows (not used for other herding animals like sheep or goats) Humans also eat these; thought to taste good	2		--	

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<i>Chenopodium bonus-henricus</i> L.	W	Čuen ^g Halvatanlia ^g Lule quene ^a	Good King Henry	0.18	0.24	V	R	Boiled with sugar	As the key ingredient of the home made sweet <i>halva</i> (in the past)	4*		17%
								Dried	Sold	2		9%
								Boil to obtain oil from roots, which is topically applied	Emollient for skin		4	17%
<i>Spinacia oleracea</i> L.	C	Spinaç ^a	Spinach	0.16	0	V	L	Sun dried, chopped, beat in water with egg white and sugar to make <i>halva</i>	Food (dessert)	2	11	57%
								Cooked, ingredient in savory pies (<i>pita</i> ^g / <i>byrek</i> ^a)	Food	7*		100%
AMARYLLIDACEAE												
<i>Allium ampeloprasum</i> L.	W	Divlji luk ^g	Wild Leek	0.02	0	V	AP	Consumed raw	Food	1		--
<i>Allium cepa</i> L. PRN-11/Pz/2013	C	Kromet ^g Kromit ^g Qep ^a	Onion	0.27	0.29	V	Bu	Cooked in savory pies	Food	10	8	60%
								Grate and eat raw	Poison antidote (protects against poisoning until you can reach the hospital)		1	3%
								Crushed with sugar, applied topically once a day for 2 days	Athlete's foot/ foot fungus		4	13%
								Skin of the bulb is used to dye fabrics and wool, giving them a golden color	Dye		4	13%
								Extract bulb juice and instill into ear	Earache		1	3%
<i>Allium porrum</i> L. PRN-09/Pz/2013	C	Prasa ^g Presa ^g Presh ^a Pres ^a	Garden Leek	0.20	0.60	VI	Bu	Juice instilled into the ear (in a few cases, first mixed with human breast milk)	Earache	2		7%
								Juice (see above) topically applied	Mastitis		4	9%
								Cooked and eaten in various dishes, including savory pies	Conjunctivitis		5	11%
								Consumed raw or cooked	Food	5	9	30%
<i>Allium sativum</i> L. PRN-10/Pz/2013	C	Bjeli luk ^g Hudhër ^a Luk ^g	Garlic	0.59	0.68	II	Bu	Consumed raw or cooked	Hypertension	6	6	17%
								Cooked in savory pies	Food		5	7%
								Mix with local yogurt (<i>kos</i>)	Food	4*		6%
								Food	1		1%	

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								Kept in the pocket or hidden in clothes	Apotropaion (Evil Eye amulet); sometimes together coffee beans, ash, and a dried piece of <i>Bryonia alba</i> root	11	22	48%
								Worn as necklace	Apotropaion		5	7%
								Externally applied on inflamed gingiva	Mouth/gingival inflammations	1		1%
								Juice expressed from cloves and instilled into the ear	Earache	3		4%
								Topical applications	Skin infections (but not for foot fungus/athlete's foot)		5	7%
<i>Allium schoenoprasum</i> L.	W	Vlašec ^G	Chives	0.02	0	V	AP	Cooked in savory pies	Food	1		--
<i>Allium</i> sp.	W	Bet luk ^G Zmin luk ^G	Wild Garlic	0.18	0	V	Bu	Carry in pocket	Apotropaion	8‡		100%
<i>Narcissus poeticus</i> L.	W	Lule shek ^A	Poet's Daffodil	0	0.08	V	FI	Open flower to drink nectar	Food		5	100%
APIACEAE <i>Bunium alpinum</i> Waldst et Kit. ?	W	Oreshka e egër ^A		0	0.08	V	F	Eaten	Snack food		5	100%
ASPLENIACEAE <i>Asplenium trichomanes</i> L.	W	Poprače ^G Šumski poprače ^G	Maidenhair Spleenwort	0.05	0	V	AP	Dried	Sold	2		--
ASTERACEAE <i>Achillea millefolium</i> L. GEO-020046 PRN-03/Pz/2013	W	Bishtamite ^A Čadigaz ^G Čadingazec ^G Lule bardhë ^A Milifičan ^A Nimifleçë ^A	Yarrow	0.14	0.75	I	FAP AP	Dried Crushed and topically applied as a dressing to a wound or laceration, sometimes mixed with butter, change dressing every 5 hours	Sold Hemostatic (for livestock and people)	5* 1	3 9	15% 19%
							AGP	Boil in water for 5 minutes, use liquid as mouthwash	Toothache		4	8%
							AGP	Tea, drunk	For treating general illness		4	8%
							L	Chew fresh leaf	Toothache		4	8%
							AP	Roll with fingers, topically apply	Lacerations (cicatrizing and hemostatic)		8*	15%
							AP	Crushed and mixed with butter, topically applied to warts that have been cut. Dressing is changed every 4-5 hours until the cut heals.	Anti-wart		1	2%

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<i>Bellis perennis</i> L.		Belesvečice ^G Kamomill ^A Kučan ^A	Common Daisy	0.02	0.06	V	L	Repeated for 2-3 days. Mix with sugar, topically applied	Suppurative (wounds)		7*	13%
							F	Decoction (boil x 10 minutes), drunk	Women's "blood problems"		7*	13%
							FAP	Dried	Sold	1	4	100%
<i>Carlina</i> sp.	W			0	0.08	V	F	Raw (the heart is eaten)	Snack food when working in fields		5	100%
<i>Helianthus tuberosus</i> L.	C	Oreshka ^A Oreška ^G	Jerusalem Artichoke	0.05	0.25	V	T	Raw, eaten	Eat like apple for snack, esp. while tending livestock in fields	2	9	85%
								Save for winter and eat like potato	Food		2	15%
<i>Lactuca sativa</i> L. PRN-41/Pz/2013	C	Sallaté ^A	Salad	0.16	0	V	L	Cooked, ingredient in savory pies	Food	7*		100%
<i>Matricaria recutita</i> L. PRN-43/Pz/2013	W	Kamomill ^{A,G}	German Chamomile	0.09	0.03	V	FAP	Dried, tea, drunk	Relaxant, sedative, and good for nervous disorders	1		17%
							FAP	Dried, tea, drunk	Good for the heart	1		17%
							FAP	Dried, tea, drunk	Stomachache	2	1	50%
								Colds and respiratory ailments		1	17%	
<i>Sonchus</i> spp.	W	Šušlac ^G		0.07	0	V	L	Cooked in savory pies	Food	3		--
<i>Tanacetum vulgare</i> L. GEO-020045	W	Povratika ^G	Tansy	0.16	0	V	AP	Used in external washes for children; Ritual use on <i>Djurdjevdan</i> , St. George's Day (see <i>Salix alba</i>)	Evil Eye protection	2		29%
									Strengthen children; immune-boosting	5*		71%
<i>Taraxacum officinale</i> F.H. Wigg. CAME-26289 GEO-020044 PRN-84/Pz/2013	W	Bunbarocveče ^G Cvetocveče ^G Mlačni ^G	Common Dandelion	0.18	0	V	L	Consumed raw in salads	Food	1		13%
							R	Tea	Liver problems	2		25%
									Kidney stones	3		38%
									Heart problems	1		13%
							Externally applied	Suppurative	1		13%	
BETULACEAE <i>Betula pendula</i> Roth	W	Beza ^G Breza ^{G,A} Mushteka ^A Mushtakën ^A	Silver Birch	0.32	0.40	VI	L	Gathered in July/August	Sold	8*	3	28%
								Dried, teas	Kidney problems/ kidney stones	3	8	28%
							Ba	Dried, teas, externally applied	Hemorrhoids	1		3%
							La	Just before the leaves	Liver depurative;		1	3%

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								emerge, the stems are cut and the sap is collected into a dark colored bottle (to protect from the sun). A teaspoon of latex is drunk in the early morning every day for 3 weeks.	hepatoprotective			
								After the leaves have emerged, collect sap by breaking leaves off of young stems and soaking the cut stem segments in a spoon of hot water for 5 minutes, and then drink the resulting liquid	Liver depurative; hepatoprotective		1	3%
							Br	Dried Children bring brooms made of the branches to school Display branches on May 6 th (St. George's festival)	Sold Sweep school yard Brings good luck		2	1 3% 5%
								Pull off small branch and stick into ant hill, leave for ants to climb on, after a while, remove ants (they are not eaten) and lick the liquid off of the branch	Source of water/liquid when no water available (When working in fields or tending livestock)		5	13%
							R	Burn roots, rub/massage ash on skin in topical application	Acne		1	3%
<i>Corylus avellana</i> L. CAME-26242 GEO-020039 PRN-24/Pz/2013	W	Lejthia ^A	Hazelnut	0.05	0	V	Fr	Consumed and sold	Food		2	--
<i>Ostrya carpinifolia</i> Scop. BRASSICACEAE <i>Brassica oleracea</i> L.	W		European Hop-hornbeam	0.09	0	V	Ba	Decoction, externally applied	Lacerations (wound-healing)		4*	100%
	C	Lakna ^A Zeil ^G Zelka ^G	Cabbage	0.45	0.19	VI	L	Consumed Lacto-fermented in water and salt, the resulting liquid is drunk	Hepatoprotective Healthy beverage		1 3	3% 25%
							L	Fermented leaves (sauerkraut) eaten Cooked, ingredient in savory pies	Healthy food Food		3 13‡	5 2 25% 47%

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CARYOPHYLLACEAE												
<i>Silene</i> sp.	W	Skripec ^g		0.07	0	V	L	Cooked in savory pies	Food	3		--
CORNACEAE												
<i>Cornus mas</i> L. CAME-26279 PRN-23/Pz/2013	W	Dren ^g Thana ^A	Cornelian Cherry	0.86	0.54	VII	Fr	Dried, teas	Diarrhea	3		4%
								Raw, eaten	Stomachache Diarrhea Treatment for lower back pain Healthy food	3 3 1	1	4% 4% 1%
								Made into compote	Healthy food	2		3%
								Fresh fruit fermented in water for a few weeks, to produce a sparkling fruit soda. In therapeutic applications, 2-3 glasses are drunk per day.	Healthy food Drunk with sugar, as a healthy, refreshing beverage	3 8	19	4% 38%
								Fresh fruit is fermented to make <i>raki</i> (alcohol) and drunk	Good for the heart Hypertension Kidney problems Good for the heart	4* 4	7 3 1	6% 15% 4% 1%
								Fruits are soaked in <i>raki</i>	Diarrhea Health food and beverage	1	3	1% 4%
								Fresh fruit fermented into vinegar (<i>sirče</i>) for 21 days	Food use (in soups)	3		4%
								Vinegar, drunk (see above)	Diarrhea	1		1%
								Vinegar (see above) externally applied to the forehead (as a cloth compress soaked in vinegar)	Headache	3		4%
CRASSULACEAE												
<i>Sedum telephium</i> L.	P		Orpine	0	0.02	V	L	Topically applied to skin infections (abscesses)	Suppurative, skin disinfectant		1	--
<i>Sempervivum tectorum</i> L. GEO-020035 PRN-71/Pz/2013	W	Bar veshe ^A Bjelesnik ^g Brenge ^A	Common Houseleek	0.09	0.05	V	L	Juice squeezed and instilled in the ear If don't have starter for milk, mash up these leaves and put into a cloth bag that is added to the boiled milk	Earache Yogurt starter; improves yield of <i>klynë</i> (butter) from the process	1	2	13% 25%

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							L	Instilled in the eye	Improve the vision		1	13%
							L	Juice, drunk (1 glass)	Constipation (acts as laxative)	3		38%
CUCURBITACEAE												
<i>Bryonia alba</i> L.	W/ SC	Divja tikva ^G Kungull e egër ^A	White Bryony	0.52	0.73	II	R	Dried, cut in slices, and hidden in the pocket of clothes or under the pillow	Apotropaion, esp. for kids (sometimes together with one or more of these: coffee beans, ash, wolf hide, and garlic)	15	27	61%
								Dried, hidden under the pillow of scared children	Treat fright	2	3	7%
								Fed to livestock	Special fodder for St. George's Day	2		3%
								Combine piece of root with garlic clove, hide under pillow at night and in clothes during the day	Galactagogue for livestock Apotropaion	5	3	7%
							WP	Planted near entrance to home	Apotropaion (to protect home and inhabitants)	4	8	17%
<i>Cucurbita maxima</i> Dechesne	C	Kungull ^A Tikva ^G		0.14	0.14	V	Fr	Cooked, ingredient in savory pies eaten	Food	6	5	73%
									Healthy food, thought to strengthen brain		4	27%
CUPRESSACEAE												
<i>Juniperus communis</i> L. CAME-26253 PRN-39/Pz/2013	W	Dëllinje ^A Smreka ^G	Common Juniper	0.41	0.02	V	Ga	Fermented in water for 40 days and drunk; the resulting macerate has a sour taste	Healthy beverage; also considered and useful for treating kidney problems and cold (also sometimes traded)	4*		15%
									Colds/flu	4*		15%
									Kidney problems (kidney stones and urinary tract infections)	4*		15%
								Above beverage mixed with fermented juice of <i>Vaccinium myrtillus</i>	Special healthy beverage	2		8%
								Used to make an alcoholic beverage (<i>raki</i>)	Prostate problems		1	4%
								Dried	Sold or used in trade	4*		15%
								Dried, tea, drunk	Kidney stones		7*	27%
CYPERACEAE												
<i>Eriophorum</i> sp.	W	Faičakar ^G		0.09	0	V	SH	"Cotton" is externally	Cuts	2		50%

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EQUISETACEAE												
<i>Equisetum arvense</i> L. PRN-07/PZ/11	W	Gjerethë ^A Pršlika ^G	Common Horsetail	0.02	0.08	V	AP	Dried, tea, drunk	Hemorrhoids Kidney problems Prostate problems	2 1		50% 17% 83%
ERICACEAE												
<i>Arctostaphylos uva-ursi</i> (L.) Spreng. GEO-020036 PRN-02/Pz/2013	W	Rrush ariu ^A	Bearberry	0.00	0.02	V	Fr	Tea	Prostate problems		1	--
<i>Vaccinium myrtillus</i> L. GEO-020040 PRN-87/Pz/2013	W	Borovnica ^{A,G} Čaršikle ^G Čeršikle ^G Čeršine ^G Qershikle ^A	Bilberry	1.02	0.63	III	Fr	Consumed raw or fermented in water for 40 days; replace amount of beverage removed each time with new water	Healthy beverage Flu remedy; respiratory ailments Thins the blood Kidney stones Special healthy beverage	9	10	22%
								Above beverage mixed with fermented juice of <i>Juniperus communis</i>		2		2%
								Dried, decoction or tea, drunk	Diarrhea	4*		5%
								Fermented and distilled to make <i>raki</i> , drunk	Kidney stones	2		2%
								Dried, decoction or tea, drunk	Special healthy beverage	2		2%
							Fr; L	Dried, decoction or tea, drunk	Diarrhea	6	9	18%
								Fermented and distilled to make <i>raki</i> , drunk		1		1%
								Dried, decoction or tea, drunk	Sold	3	3	7%
								Dried, decoction or tea, drunk	Kidney stones	2	7	11%
								Teas	Respiratory ailments Good for the blood Stomachache Hepatoprotective Cough Kidney problems Hypertension	2 3 3 4	1 3 3 4	4% 4% 7% 5%
							L	Teas		5*		6%
								Teas		2		2%
								Teas		2		2%
FABACEAE												
<i>Phaseolus vulgaris</i> L. PRN-62/Pz/2013		Fasulje ^A	White bean	0	0.11	V	Fr	Dry white bean is typically applied	Suppurative (dog bite)		7*	100%
<i>Trifolium</i> spp.	W	Lule dele ^A	Red Clover	0.02	0.05	V	AP		Sold	1	1	50%

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		Terfil e quçë ^A						Dried, tea	Healthy beverage Fodder (esp. sheep)		1 1	25% 25%
FAGACEAE <i>Fagus sylvatica</i> L. CAME-26249	W	Buk ^G Ah ^A	European Beech	0.27	0.14	V	Ba	Macerated in cold water (3 days)	Liquid added to milk as a starter culture for producing yogurt (in the past)	1	2	14%
								Place bark inside cloth and dip into boiled milk	Starter culture for yogurt	4*		19%
							Fr	Fresh, eaten	Snack		6*	29%
								Dried	Sold		1	5%
							YL	Raw, eaten	Snack food	7*		33%
GENTIANACEAE <i>Centaurium erythraea</i> Rafn. GEO-020047	W	Majašilska trava ^G		0.11	0	V	FAP	Tea, drunk (1 glass in the morning)	Hemorrhoids	5*		100%
<i>Gentiana lutea</i> L. PRN-34/Pz/2013	W	Çemerika ^G Shtare e egër ^A Sonca ^A	Yellow Gentian	0.11	0.33	V	R	Dried	Sold	2		8%
								Dried roots macerated in water for two weeks (some report 10 days) and the resulting macerate drunk 100 g of dried root is stored in a bottle of <i>raki</i> for 21 days (some say 40 days) and filtered for storage. Small quantities are drunk on an empty stomach, usually in the morning.	Treatment for "seven illnesses" (panacea) and stomachache	2	2	15%
									Hypertension		2	8%
								Boiled until root is soft, root is rubbed on the affected area	Stomachache Wounds (vulnerary)		7* 1	27% 4%
								Decoction (root boiled in water x 5 minutes), drunk	Hypertension		1	4%
								Root decoction, topically applied as a wash	Stomachache Foot fungus	1	4	4% 15%
									Warts		4	15%
HYPERICACEAE <i>Hypericum</i> <i>perforatum</i> L.	W	Balsami ^A Lule balsamë ^G	St. John's Wort	1.14	0.14	VIII	FAP	Externally applied	Burns Foot sores	2 2		3% 3%

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GEO-020051 PRN-36/Pz/2013		Šariruk ^g Šarisurke ^g Šariluke ^g Ževtocveče ^g						Dried	Sold (1kg sells for 700 leks)	2		3%
								Dried, decoction, drunk	Kidney stones	2		3%
								Dried, teas, drunk	Cough	2		3%
									Stomachache	7*	1	14%
									Hypertension	5		0%
									Helminthic infection	2		8%
									To slow a fast heartbeat (Tachycardia)	2		3%
									Hepatoprotective	4*		3%
									Cardiotonic	6*		7%
									Panacea	1		10%
	Oleolite made by maceration in oil (purchased, either olive oil or sunflower oil) for topical applications (some report leaving this to macerate in sun for 40 days)	Wound healing	3	6	2%							
		Cicatrizing for burns (for humans and livestock)	2	2	15%							
	Beat with butter or fat for topical applications	Wound healing in humans and livestock	3		7%							
	Tea	Diarrhea	3		5%							
		Liver problems	2		5%							
JUGLANDACEAE <i>Juglans regia</i> L. CAME-26238 PRN-40/Pz/2013	W	Orah ^g Arah ^h	English Walnut	0.52	0.22	VI	L	Put in the shoes or make decoction for use as a foot wash	Foot odor	4		11%
								Fresh leaves are boiled with homemade clothes	Fabric dye		3	8%
								U _{Fr} Cooked with sugar or honey into a sweet	Thyroid problems and inflammation	3		8%
								40 unripe fruits are mixed with 1 kg sugar and soaked in 1 liter <i>raki</i> for 40 days, and then filtered and a small cup drunk every morning	Hyperthyroidism (and associated thyroid swelling)	3		8%
								Lightly boiled and fruit paste applied between the toes	Anti-fungal (athlete's foot)	3		8%
								Fr Dried	Dessert ingredient (i.e.	4	2	16%

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								Dried fruit shells are boiled with fabric	<i>baklava</i> Fabric dye		1	3%
							Ba	Boiled with fabric	Food	3		8%
							WP	Resting in shade of tree avoided	Fabric dye Will cause respiratory illness (e.g. colds) and can lead to mental problems	3	4	11% 19%
LAMIACEAE												
<i>Lamium</i> spp. ?	W	Pieshke ^A		0	0.21	V	L	Pita ingredient	Food		13‡	50%
				0	0.21	V		Raw	Food		13‡	50%
<i>Melissa officinalis</i> L. GEO-020054 PRN-42/Pz/2013	W	Matorka ^G Lule bleta ^A Trnkina trava ^G	Lemon Balm	0.30	0.03	V	AP	Tea, drunk	Panacea	3		20%
									Respiratory ailments (asthma, cough, flu, bronchitis)	6*		40%
<i>Mentha longifolia</i> (L.) Huds. GEO-020059 PRN-45/Pz/2013	W	Naneag ^G Nanigjak ^A	Horse Mint	0.18	0.08	V	L	Places in bee box Tea, drunk	Honey bee attractor Mild sedative	4 2	2	40% 15%
							AP	Tea, external wash Collected on July 15, dried in bundles and stored for use in wintertime. Made into tea and drunk (sometimes combined with <i>Origanum vulgare</i> and <i>Rosa canina</i>)	Stomachache Skin disinfectant Flu and headache	4* 2	5	31% 15% 38%
<i>Mentha spicata</i> L.	W	Çaj menta ^A Nanadzik ^G	Spearmint	0.05	0.03	V	L	Tea, drunk	Healthy beverage	2		50%
							AP	Dried, tea	Colds and respiratory ailments		1	25%
<i>Nepeta cataria</i> L.	W	Strašnica ^G	Catnip	0.61	0.06	VII	AP AP	Dried, tea (Collected in June-July), dried, tea, drunk	Rheumatisms Taken to treat "fright", also slows down a rapid heartbeat; person must drink this without smelling it (it is prepared in different area from patient); Frightened child may also be splashed first with cold water, and then given the tea. Also used to treat nightmares in	20‡	2	25% 71%

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<i>Origanum vulgare</i> L. GEO-020049 PRN-52/Pz/2013	W	Čaj ^A Čaj malit ^A Šumski čaj ^G Trava šumska ^G	Oregano	0.18	0.25	V	FAP	Dried, tea, topical wash	children. Evil Eye protection	3	2	16%
								Fed to animals	Children may be bathed in this tea to treat fright	2		6%
								Dried, tea	Special fodder during St. George's Day	2		6%
<i>Salvia verticillata</i> L. GEO-020041	W	Gomnarica ^G Gumarica ^G Gumnesh ^A Gamnash ^A	Lilac Sage	0.50	0.24	VI	L	Fresh leaf squeezed until moist and topically applied	Colds and respiratory ailments; sometimes also taken with milk	7	12	79%
									Asthma	1		4%
									Laxative		1	4%
<i>Thymus pulegioides</i> L.	W	Čaj lisna ^A Matorka ^G Lisna ^A	Wild Thyme	0.36	0.14	V	AP	Dried	Drunk morning and night throughout the winter, also as a panacea	15*	10	68%
								Rubbed onto the skin	Lacerations (hemostatic and vulnerary)			
								Fed to livestock (esp. donkeys)	Lacerations (disinfectant)		2	5%
<i>Pinguicula</i> sp. ?	W	Brenge ^A		0	0.03	V	L	If don't have starter for milk, mash up these leaves and put into a cloth bag that is added to the boiled milk	Sold		1	3%
									Heal bruises		1	3%
									Animal fodder	7	1	22%
LYTHRACEAE <i>Punica granatum</i> L.	W	Šega ^G	Pomegranate	0.07	0	V	Pe	Dried and used in tea	Cough	11‡		42%
									Healthy beverage	3	5	31%
									Sold	2		8%
MALVACEAE <i>Malva sylvestris</i> L. PRN-44/Pz/2013	W	Mollage ^A	Mallow	0.02	0	V	R	Crushed, as a starter for making yogurt	Prostate problems		4	15%
									Colds and respiratory ailments		1	4%
									Yogurt starter; improves yield of <i>klynë</i> (butter) from the process		2	--
OLEACEAE <i>Olea europaea</i> L. PRN-15/Pz/11	P		Olive	0.09	0.06	V	Fr ⇔ Oil	Oil is drunk		4	1	63%
								Topically applied	Vulnerary (burns)		1	13%

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<i>Syringa vulgaris</i> L.	C	Jorgovan ^G	Lilac	0.09	0	V	FAP	Mixed with calcium carbonate and topically applied Decorative	Vulnerary (burns)		2	25%
ORCHIDACEAE <i>Orchis mascula</i> L. and other spp.	W	Çai jeshil ^A Kukaica ^G Lule çice ^A Salep ^{G,A}	Orchids	1.05	0.38	VIII	Rh	Dried Dried (for 1 month) , crushed, and then made into decoction	Sold Laxative	4* 5*	11	100% 7%
									Liver problems Asthma Diuretic; kidney problems Healthy beverage Immune boosting for kids Prostate hyperplasia (frequent urination) Rheumatisms Warming for the body; restorative Gripe Flu Panacea Decorative for home	4* 5* 5* 5 2 2	7 7 17% 3% 3%	6% 7% 7% 3% 3%
PAPAVERACEAE <i>Chelidonium majus</i> L. GEO-020042 PRN-30/Pz/2013	W	Bradaice ^G	Greater Celandine	0.27	0	V	La	Made into bouquet Externally applied	Acne	6*	2	9% 17%
PINACEAE <i>Pinus nigra</i> Arnold	W	Pisha e zezë ^A	Black Pine	0	0.13	V	Re	Red resin is collected in the summer and stored as a hard ball. Some of the resin is warmed and used in topical applications	Warts Skin infections Suppurative (skin infections and abscesses)	8‡ 2	8*	67% 17% 100%
PLANTAGINACEAE <i>Plantago lanceolata</i> L. GEO-020053	W	Bari premtë ^A Telençit ^G	Narrowleaf Plantain	0.11	0.40	V	L	Crushed, topically applied	Lacerations (cicatrizing and hemostatic)	3	25‡	93%
<i>Plantago major</i> L. GEO-020043 PRN-54/Pz/2013	W	Bukvica ^G Lapadhelet ^A Lapudhellë ^A	Broadleaf Plantain	0.45	0.52	VI	L	Tea, topically applied Topically applied	Hemorrhoids Lacerations and wounds (hemostatic and vulnerary)	2 4	5	7% 17%

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POACEAE <i>Avena sativa</i> L. PRN-15/Pz/2013	C	Papučica ^{g,A} Papuvčoci ^g Belesviče ^g Gjethedell ^A	Oat	0.02	0.10	V	Fr	Mixed with sugar, topically applied	Warts	2		4%
								Mixed with butter (or soap), topically applied	Snake bite (after squeezing out poison)		5	9%
									Suppurative	2		4%
									Suppurative (wounds and infections)	8	9	32%
									Bruises	2		4%
								AP	Sold	2		4%
								Fr	Tea, drunk		4	8%
								F	Macerate in water for 1 month, drink		5	9%
									Tea, drink		5	9%
								Food	1		14%	
							Made into bread and eaten	Healthy food		1	14%	
							Mixed with warm water and topically applied in compresses	Treatment for rheumatic joints		1	14%	
							Dried	Treatment for rheumatic joints		1	14%	
<i>Cynodon dactylon</i> (L.) Pers.	W	Piroina ^g	Bermuda Grass	0.02	0	V	R	Dried, teas	Fodder for livestock	1	3	43%
<i>Oryza sativa</i> L.	P	Orriz ^A	Rice	0	0.05	V	Fr	Soup ingredient, mixed with nettles, milk and egg	Kidney problems		3	--
<i>Secale cereale</i> L.	W/ P	Erš ^g Thekna ^A	Rye	0.23	0.33	V	Fr ⇔	Ground into flour and used to prepare a sourdough bread <i>bukr thekna</i> ^A (in the past, no longer used regularly – but fond memory for elders)	Anemia	6	3	50%
							Flr		Healthy food for diabetics and people affected by hypertension; often eaten with egg in the past as healthy food		17	74%
<i>Triticum aestivum</i> L.	P	Shenica ^g	Wheat	0.07	0	V	Fr	Combine flour and water, ferment for 1 day	Natural yeast for bread making	3	4	23%
							Fr ⇔		Animal fodder	1		3%
<i>Zea mays</i> L. PRN-92/Pz/2013	C	Kukuruc ^g Kolomboc ^g Boz ^g	Corn	0.25	0.05	V	Ke	Flr Flr Flr Tea	Flour is bought, used in baking dough for <i>pita</i> ^g / <i>byrek</i> ^A	Food	3	--
									Diuretic	1		7%

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								Boil in water, filter, and ferment liquid for 10 days	Refreshing beverage	3		21%
								Raw	Livestock fodder		2	14%
							Ke ⇨ Flr	Ground into flour, used as dough ingredient for making savory pies	Food	7*		50%
								Ground into flour, used as dough ingredient for making bread	Healthy food		1	7%
POLYGONACEAE												
<i>Rumex acetosella</i> L.	W	Uthull ^A	Sheep's Sorrel	0	0.14	V	L	Cooked in savory pies	Food		9*	100%
<i>Rumex alpinus</i> L.	W	Liakër bieshka ^A , Liakër e egër ^A	Alpine Dock	0.05	0.08	V	L	Cooked in savory pies, cooked with milk and eggs	Food	2	5	100%
<i>Rumex crispus</i> L.	W	Šušlak ^G	Curly Dock	0.05	0	V	L	Cooked in savory pies Raw	Food Snack food eaten by children and adults in springtime while working in the fields (sour/tart taste)	2 1	21‡	– 79%
<i>Rumex obtusifolius</i> L. GEO-020037	W	Rapuha ^A	Broad-leaved Dock	0	0.06	V	L	Add to boiled milk Apply layer of butter on skin, cover with fresh leaf	Yogurt starter Suppurative for skin infections		1 4	4% 100%
<i>Rumex patientia</i> L. CAME-26285	W	Lepet ^A Lepjeta ^A Leput ^A Štavel ^G	Patience Dock	0.39	0.19	V	L	Cooked in savory pies, cooked with milk and eggs	Food	17*	12	100%
<i>Rumex pulcher</i> L.	W	Kiselica ^G Uthla lepret ^A	Fiddle Dock	0.07	0.57	VI	L	Cooked in savory pies	Food	2	3	18%
PRIMULACEAE												
<i>Primula veris</i> L. GEO-020060 PRN-56/Pz/2013	W	Belezviče ^G Beselje ^A Buslegj ^A Gorolja ^G Lule busleju ^A	Cowslip	0.86	0.30	VII	F	Dried Dried, teas Used in washes for bathing children on May 6 th (St. George's day, see <i>Salix alba</i>)	Sold Cough (esp. kids) Evil Eye protection	15‡ 6* 2		26% 11% 4%
							R and F	Dried	Strengthens children Sold	3 5*		5% 9%
								Dried, teas	Enlarged liver Healthy beverage	4* 3		7% 5%
							L	Topically applied	Hemostatic		5	9%
							R	Dried, tea, drunk	Sore throat		4	7%
							R	Tea, topical wash	Bathe children with this on		4	7%

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								Dried	St. George's day Sold (traders come to village to buy)	4		7%
							FAP	Dried, made into tea and drunk	Respiratory ailments and colds	2		4%
RANUNCULACEAE <i>Helleborus</i> sp.	W	Kukurek ^A	Hellebore	0	0.05	V	R	Root piece is inserted into the breast skin with a needle. It is left in the skin until it is naturally pushed out.	Mastitis (in horses)	3		--
ROSACEAE <i>Crataegus</i> spp.	W	Glog ^G Moriz ^A	Hawthorn	0.30	0.35	VI	FAP	Dried Dried, tea, drunk	Sold Diuretic Panacea Respiratory ailments Heart problems	3 3 2 1	2 5 1	14% 9% 20% 3% 3%
							F	Fresh, eaten	Snack food		7*	20%
							Fr	Fresh, eaten	Snack food		7*	20%
							Th	Applied on the body portion affected by a snake bite	Facilitating the removal of snake venom and blood	1		3%
							Ba	Wrap bark in cloth, dip into boiled milk	Starter culture to make yogurt	3		9%
<i>Cydonia oblonga</i> Mill. CAME-26290	C	Haiva ^G	Quince	0.09	0	V	L	Tea	Cough, Cold	3		75%
<i>Fragaria vesca</i> L. CAME-26247 GEO-020048	W	Jagoda ^G	Wild Strawberry	0.05	0	V	Fr	Jam	Food	1		25%
<i>Malus domestica</i> Borkh. CAME-26236	C	Jaboko ^G	Apple	0.02	0	V	Fr	Fermented in water	Healthy beverage	1		--
<i>Malus sylvestris</i> Mill. CAME-26288	W	Divja jabučica ^G Šumska jabučica ^G	European Crab Apple	0.25	0	V	Fr	Tea	Healthy beverage	3		27%
								Made into vinegar	Food	3		27%
								Fermented into vinegar, externally applied to forehead (using vinegar- soaked cloth)	Headache	1		9%
								Crushed in water, fermented to create a fruit soda	Healthy beverage	2		18%
								Fermented into sparkling fruit soda	Healthy beverage	2		18%
<i>Prunus cerasifera</i>	W	Sliva divije ^G		0.05	0	V	Fr	Boiled with water and sugar,	Healthy beverage	2		--

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Ehrh. CAME-26298 <i>Prunus domestica</i> L. CAME-26239 PRN-55/Pz/2013	C	Sliva ^g	Plum	0.68	0.30	VII	Fr	fermented in glass jar to use as sparkling juice Fermented into vinegar (<i>uthul^h</i>) for 21 days externally applied to the forehead (as a cloth compress soaked in vinegar); for fever, sometimes used to bath larger area of body	Headache	3		6%
								Boiled with water and sugar, fermented in glass jar to use as sparkling juice	Fever-reducer Healthy beverage	8‡	6*	12% 16%
								Fermented and home – made distilled (<i>raki</i>), drunk	Social beverage	4*		8%
								<i>Raki</i> (see above) is used as a mouth wash	Healthy beverage Toothaches (analgesic)	6*	1	2% 12%
									Halitosis Disinfect skin (for lacerations and wounds)	3	4	6% 8%
								<i>Raki</i> (see above) instilled in ear	Earache	4	4	8%
								<i>Raki</i> (see above) topically applied	Mastitis	4	4	8%
							UFr	Eaten	Bruises	3		6%
<i>Prunus spinosa</i> L. CAME-26260	W	Beleusdre ^G Kolombria ^A Krumrea ^A Trnka ^G	Sloe	0.20	0.32	V	Fr	Tea	Snack for children Diarrhea, "healthy"	3 2		6% 7%
								Crushed, fermented in water to create a fruit soda	Stomachache Healthy beverage	3 2	10	10% 7% 41%
								Fermented to create <i>raki</i>	Healthy beverage	3		10%
								<i>Raki</i> is used as mouth wash	Toothache	5		17%
								<i>Raki</i> is applied topically to forehead (as a cloth compress soaked in <i>raki</i>)	Fever-reducer	2		7%
<i>Prunus</i> spp.	W	Kisile sliva ^g		0.05	0	V	Fr	Ferment to make vinegar, use as body wash	Febrifuge	2		--
<i>Pyrus communis</i> L. CAME-26306 PRN-58/Pz/2013	C	Kruška ^g	European Pear	0.02	0	V	Fr	Crushed, mixed with water and fermented to obtain a kind of carbonated fruit	Healthy beverage	1		--

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<i>Pyrus pyraeaster</i> (L.) Du Roi. CAME-26244	W	Divlja kruška ^g	European Wild Pear	0.07	0	V	Fr	soda, which is bottled Crushed, mixed with water and fermented to obtain a kind of fruit soda (see <i>P.</i> <i>communis</i>)	Healthy beverage	3		--	
<i>Rosa canina</i> L. GEO-020034 PRN-67/Pz/2013	W	Čaj kača ^A Kača ^A Šip ^G Šipunka ^G	Dog Rose	1.18	0.73	IV	Fr	Dried, tea, drunk	Cough, sore throats, respiratory ailments Stomachache	16*	9	26%	
									Diuretic	3		3%	
									Hepatoprotective		8*	8%	
									Blood thinner	3		3%	
									Kidney stones	3	14*	17%	
<i>Rosa</i> spp.	C			0.05	0	V	P	Headache	1		1%		
								Healthy beverage	6*		6%		
								Panacea		5	5%		
								Sold	1		1%		
								Panacea (esp. useful in winter months)	3		3%		
<i>Rosa</i> spp.	C			0.05	0	V	P	Crushed, mixed with water and sugar, and then fermented (1 month) to make a sparkling fruit soda; some also add lemons to the mix, drink cold	Healthy beverage	11	7	18%	
									Cough	2		2%	
									Hypertension		2	2%	
<i>Rosa</i> spp.	C			0.05	0	V	P	Collected when yellowish in color; cut up and beat and then prepared as a tea in hot water; filtered prior to drinking	Liver depurative and hepatoprotective		1	1%	
									Used in washes for bathing children on May 6 th (St. George's day, see <i>Salix</i> <i>alba</i>)	Evil Eye protection	2		--
<i>Rubus fruticosus</i> L. GEO-020050 PRN-65/Pz/2013	W	Cernica ^G Ferrête ^A Kapina ^G Karpin ^A	Blackberry	0.14	0.25	V	L Fr	Dried, tea	Diarrhea	1		5%	
								Jam	Food	2		9%	
								Fermented with sugar and water to make a non- alcoholic fruit "soda" and drunk	Healthy beverage	3	10	59%	

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<i>Rubus idaeus</i> L. GEO-020061 PRN-66/Pz/2013 RUTACEAE	W	Malina ^g	Raspberry	0.05	0	V	Fr	Dried, made into a decoction and drunk	Hypertension remedy Healthy beverage	1 1		5% 5%
								Jam	Diarrhea Food	2	4	18% --
<i>Citrus limon</i> L. PRN-31/Pz/2013 RUTACEAE	P		Lemon	0	0.10	V	Fr	Lemon juice is combined with water and topically applied	Anti-pruritic (for insect stings)	3		50%
								Lemon is cut into slices and rubbed onto skin	Anti-pruritic (for insect stings)	3		50%
SALICACEAE <i>Salix alba</i> L. PRN-70/Pz/2013	W	Shelçe ^A Vrba ^g	White Willow	1.07	0.40	VIII	L and Br	Externally applied	Rheumatisms	3		4%
								Boiled to make decoction	Given to livestock to drink as an immune booster (making them stronger and preventing illness)	2		3%
							YT	Dried, teas	Rheumatisms	2		3%
								Cut and transplanted (on May 5 th – St. George's Day Eve) into the grain field as a good omen for a successful crop production	Ritual uses	8	5	18%
							L	Cut and placed in the courtyard of the desired bride as a proposal of marriage		8‡		11%
								On May 6 th (St. George's Day), it is mixed with flowers of <i>Primula veris</i> , aerial parts of <i>Tanacetum vulgare</i> , rose petals, plum tree flowers, young aerial parts of rye, and nettle in washes for children	Evil Eye protection	6*		8%
Br	Tea	Depression	1		1%							
	Added to bath water; soak in bath with the resulting water	Rheumatism; body aches/pain		1	1%							
		On St. George's Day, it is	Prophylactic fodder (to	4	3	10%						

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								given to livestock as fodder	make the animals stronger and prevent illness)			
								Small branches displayed on the front gate of homes , stables, and businesses (during the St. George's festival period)	Decorative, good luck, and as apotropaion	11*	5	22%
							Ba	Stem bark is peeled and used to make decoction, drunk once a day for one week	Prevent bruising following an injury (some reported that humans don't drink this due to its intensely bitter taste)	3	3	8%
								Store above decoction in a bottle	Give to livestock to drink when wounded		6*	8%
<i>Salix</i> sp.	W			0	0.02	V	Ba	Decoction Bark is removed from the tree and beaten into a pulp, and then topically applied (once a day for 3 days) to wounds	Dye for clothing Wound healing in humans and animals.	1	1	--
SCROPHULARIACEAE												
<i>Verbascum thapsus</i> L.	W	Boblac ^G Boblač ^G Kolomboç magjari ^A	Common Mullein	0.18	0.16	V	F	Dried	Sold	3	6	50%
								Dried, decoction externally applied as a wash	Chilblains	1		6%
							L	Topically applied	Chapped skin	1		6%
								Fresh	Hemostatic (lacerations) Animal fodder	3	4	17% 22%
SOLANACEAE												
<i>Datura stramonium</i> L.	W		Jimson Weed	0.07	0	V	?	Burned, smoke inhaled	Toothache	3		--
<i>Hyoscyamus niger</i> L.	W	Blenika ^G	Henbane	0.02	0	V	Se	Smoked, externally applied	Toothache	1		--
<i>Lycopersicon esculentum</i> Mill.	C	Patlidzani ^G Patlixhan ^A	Tomato	0.05	0.03	V	Fr	Lacto-fermented in water and salt	Healthy food	1	1	50%
									The resulting brine water given to animals for deworming	1		25%
									The resulting brine water drunk to treat colds and respiratory ailments		1	25%
<i>Solanum tuberosum</i> L.	C	Kartolle ^A Kompir ^G	Potato	0.25	0.54	VI	T	Raw or cooked Thin slice is cut and externally applied to forehead	Food Headache	2	14*	36%
								Thin slice applied to eyes	Treats inflammations and		7*	16%

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Botanical Taxon ^a and Herbarium Accession Code	St ^b	Local Name ^c	English Name	UV _{Gor}	UV _{Alb}	UV _Q	PU ^d	Preparation	Local use or treated illness	Gor Nuc ^e	Alb Nuc ^e	FL ^f
								(closed eyes)	light exposure damage to eyes			
								Boiled or baked and consumed	For upset stomach/nausea		1	2%
								Cooked, ingredient in savory pies	Staple food (prepared in various ways)	6	10	36%
								Potatoes that don't sell to market are soaked in water troughs and fed to animals	Food	3		7%
									Fodder		2	4%
ULMACEAE <i>Ulmus minor</i> Mill. PRN-86/Pz/2013	W	Brest ^G Vidh ^A	Field Elm	0.11	0.10	V	Ba	Fresh, green bark is used to make a decoction, which is reduced into thick syrup, topically applied	Vulnerary/wound healing for lacerations and wounds (in humans and livestock)	2	2	36%
								Fresh, green bark is added to a bottle containing water and left to macerate for 40 days, and then filtered. Topically applied following a general wash of the wound or burn. Apply topically 3 times/day until the wound is healed.	Hemorrhoids Cicatrizing; prevents scar formation	3	4	27% 36%
URTICACEAE <i>Urtica dioica</i> L. CAME-26262 GEO-020056 PRN-85/Pz/2013	W	Kopriva ^G Hitha ^A Hithra ^A	Stinging Nettle	1.09	0.90	IV	L	Externally applied to rheumatic areas Livestock fodder	Rheumatisms Galactagogue for cattle (especially for those suffering from Evil Eye)	7	5	11%
								Tea, externally applied as hair wash	Dandruff	3		3%
								Externally applied (after making holes in wound and squeezing out poison)	Dandruff	1		1%
								Decoction is drunk	Snake bites (humans and livestock)	3	7	10%
									Prostate Diuretic Cleanses the blood/ depurative Rheumatisms		2 2 2	2% 2% 2%
							AP	Cooked in soup or boiled and eaten (sometimes soup)	Food; Healthy food	5	1 7	1% 11%

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Botanical Taxon ^a and Herbarium Accession Code	St ^b	Local Name ^c	English Name	UV _{Gor}	UV _{Alb}	UV _G	PU ^d	Preparation	Local use or treated illness	Gor N _{uc} ^e	Alb N _{uc} ^e	FL ^f
								is made with rice, eggs and cheese)		2		2%
							AGP	Mash up plant material with sugar and topically apply as compress, tie with a cloth to hold compress in place	Headache and rheumatisms Anemia Heal bruises		3 1	3% 1%
							YL	Consumed in pies	Healthy food and reconstituent	21	19	38%
							R	Boiled and the resulting water drunk Dried Wash, shade dry, chop into small pieces, make decoction of 1 spoon root in 250 ml water, topically apply x 15 days	Reconstituent/ energy drink Sold Grow hair (treat baldness)	2 3 1	3 5	5% 3% 6%
XANTHORRHOACEAE <i>Asphodelus albus</i> Miller	W	Bater ^A Boter ^A Kalaviça ^A	White Asphodel	0	0.08	V	FI	Soaked in water for 3 days, the liquid is then filtered and used for topical applications/washes	Treatment for skin damaged by exposure to cold, wet conditions (light frostbite or chilblains)		2	40%
							AGP	Fresh	Animal fodder		1	20%
							AGP	Cooked and eaten	Food (only in periods of famine)		1	20%
							AGP	Drain the liquid that comes out of the plant when cut. Topically apply liquid to warts (that have been cut open) once or twice per day for 2 weeks.	Wart removal		1	20%

^a**Botanical taxon:** ?: identification based only on plant description provided by informants; GEO: Emory University Herbarium, Atlanta, GA, USA; CAME: Herbarium Universitatis Camerinensis, Camerino, Italy; PRN: University of Prishtina Herbarium, Prishtina, Kosovo.

^b**St: Status:** C: cultivated; SC: semi-cultivated; W: wild; P: purchased

^c**Local name:** A: Albanian; G: Gorani

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UV_{Gor}: Use-value for one species by the Gorani; **UV_{Alb}**: Use-value for one species by the Albanians. This index measures the relative importance of each species based on its reported use by informants from each cultural group under study; **UV_Q**: Corresponds to the use-value index quadrant detailed in **Figure 2**.

^dPU: Part(s) used: AGP: above ground parts; AP: aerial parts; Ba: bark; Br: branches; Bu: bulbs; F: flowers; FAP: flowering aerial parts; FJ: fresh juice; Fr: fruits; Fr ⇒ Flr: fruits ground into flour; Fr ⇒ Oil: fruit made into oil; G: galls; Ga: galbules; Infl: inflorescence; Infr: infructescence; J: juice; Ke: kernels; Ke ⇒ Flr: kernels ground into flour; L: leaves; La: latex; P: petals; Pe: pericarp; R: roots; Re: resin; S: stigma; Se: seeds; SH: seed head; T: tubers; Th: thorns; UFr: unripe fruits; WP: whole plant; YL: young leaves; YT: young tree

^eGor N_{uc}: Number of use citations provided by Gorani informants; **Alb N_{uc}**: Number of use citations provided by Albanian informants. A Fisher's Exact Test was performed for each unique preparation and use report to determine if there is a statistically significant difference between Gorani and Albanian plant uses. Those reports with a *P*-value < 0.05 are indicated with *; a *P*-value < 0.001 is indicated with ‡.

FL^f: Fidelity Level %. The fidelity level of each plant use was examined and based on combined use citation totals from both Gorani and Albanian informants. Any taxa with ≤3 total use citations is excluded from this analysis due to limitations of this tool, and is denoted with --.

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Supplementary Table 2. Division of ethnobotanical use reports by general categories for Informant Consensus Factor (F_{ic}) analysis.

General Category of Use	Specific uses, including disease targets and therapeutic aims
Cardiovascular	Anemia, Blood cleansing, Blood thinner, Cardiotonic/ Good for the heart, Hemorrhoids, Hypertension, Tachycardia
Dermatological	Abscess, Acne, Antiseptic / Disinfectant, Blisters, Burns / Cicatrizing, Chilblain, Diaper rash, Dog bite, Emollient, Foot fungus, Foot odor, Foot sores, Hemostatic, Infections, Insect stings/ Anti-pruritic, Lacerations, Rash, Sunburn, Suppurative, Vulnerary / Wound healing, Warts
Economics	Collected in wild/ sold, Cultivated/ sold
Endocrinological	Diabetes, Hyperthyroidism
Ethnoveterinary	Healthy fodder, Medicinal fodder
Food	Foods used in traditional dishes (savory pies), Food production (esp. for dairy products), Plants used in yogurt starters, Wild foods and snacks
Gastrointestinal	Diarrhea, Cholagogue, Gall stones, Helminthic infection, Hepatoprotective, Jaundice, Laxative / Constipation, Liver problems, Poison antidote, Stomachache
General Health	Fever/ febrifuge, Healthy beverage, Healthy food, Immune boosting, Panacea
Gynecological, Andrological, Nephrological, and Urological	Bedwetting, Enlarged prostate, Galactagogue, Kidney stones, Mastitis, Women's problems
Household Use	Cleaning tools, Clothing, Fabric dye/colorant, Honey-bee attractor, Ink, Mouse repellent
Musculoskeletal and Neurological	Bruises, Depression / Anti-depressant, Broken bones, Epilepsy, Headache, Lower back pain, Nervous disorders, Rheumatism, Sedative, Soporific
Ophthalmological	Conjunctivitis, Dry eyes, Improve vision, Pain from light exposure
Oral and Dental	Gingival inflammation, Toothache
Otolaryngological and Respiratory	Anti-tussive, Asthma, Bronchitis, Cold, Cough, Earache /ear infection, Flu, Respiratory ailment, Sinus infection, Sore throat
Ritual and Spiritual	Evil Eye amulet / protection, Fright, Good fortune, St. George's Day rituals