

Supplementary material of 'Ethnobotanical survey on medicinal and other useful plants from Milos Island (Kiklades Islands, Greece),' by Mary Perouli & Pepy Bareka. *Mediterr. Bot.* 43, e75357. <https://doi.org/mbot.75357>

Appendix S1. Cultivated taxa reported in interviews, including *Nicotiana tabacum*, non-native, non-cultivated taxa in Milos Island. Abbreviations are: V.N., Voucher number (ACA); P.P., part of the plant used; E.A., Elaboration-Administration; R.F., report frequency; I.N., indication number; U.V., use value.

Taxon, Family	V.N.	Local name	Ailment	P.P.	E.A.	R.F.	I.N.	U.V	References
<i>Acacia farnesiana</i> (L.) Willd, Fabaceae	9513	Gazi'a	Amnesia	Flowers	Infusion - Drinking	1	1	0.08	Urinary problems (Hossan <i>et al.</i> , 2010); diarrhea, inflammations (Meckes <i>et al.</i> , 2004)
<i>Allium cepa</i> L., Alliaceae	9593	Kremi'di	Increased cholesterol	Bulbs	Extraction with cold water remains overnight - Drinking next morning	3	3	0.23	Antihyperlipidemic (Ghalehkandi <i>et al.</i> , 2012); prevention of edema (Ugulu, 2011); against cough (Camejo-Rodrigues <i>et al.</i> , 2003)
			Sprain, edema	Bulbs	Mashing - Poultice				
<i>Allium sativum</i> L., Alliaceae	9506	Sko'rdo	Alopecia	Bulbils	Grinding, mixing with gunpowder - Spreading on head	3	3	0.23	Antibacterial, antifungal (Chen <i>et al.</i> , 2018; Cavallito & Bailey, 1944)
			Toothache	Bulbils					
			Abscess	Bulbils	Infusion - Washing				
<i>Aloysia triphylla</i> Britton, Verbenaceae	9498	Loui'za	Obesity (for weight loss and lipolysis)	Leaves	Infusion - Drinking	1	1	0.08	Stomachache, diarrhea (Alanisa <i>et al.</i> , 2005); cellulite (Shiffman, 2012)
<i>Capsicum annuum</i> L. var. <i>cayenne</i> , Solanaceae	9570	Piperi'tsa kafteri'	Joints pain	Fruits	Extraction with olive oil - Embrocation	1	1	0.08	Arthritis, back pain, (Valavanides & Efstathiou, 2006); neuropathy, muscular pain (Anand & Bley, 2011)
<i>Citrus limon</i> (L.) Burm., Rutaceae	9555	Lemonia'	Tonsillitis with abscess	Fruits	Squeezing, mixing with salt - Gargles	2	3	0.23	Cough, irritated throat, scurvy, contraceptive, acne (Mabberley, 2004); anticancer, antibacterial activities (Mohanapriya <i>et al.</i> , 2013)
			Diarrhea	Fruits	Squeezing, mixing with coffee - Drinking				
			Perniones (chilblains)	Fruits	Baking with salt of squeezed pericarp - Patch on foot				

<i>Cynara cardunculus</i> L., Asteraceae	9558	Aghina'ra	Nephralgia, constipation	Leaves	Infusion - Drinking	2	1	0.15	Gastrointestinal, metabolic, cardiovascular diseases (Kraft, 1997)
<i>Eucalyptus globulus</i> Labill., Myrtaceae	9498	Efka'liptos	Cold	Leaves	Decoction - Inhaling	3	1	0.23	Analgesic, anti-inflammatory, antipyretic, for relief from respiratory tract infections symptoms (Silva <i>et al.</i> , 2003; Andrade-Cetto, 2009)
<i>Hordeum vulgare</i> L., Poaceae	9496	Kritha'ri	Bladder stones	Seeds	Infusion - Drinking	1	1	0.08	Nephrolithiasis (Shah <i>et al.</i> , 2012)
<i>Ocimum basilicum</i> L., Lamiaceae	9569	Vassiliko's	Increased blood pressure	Dried leaves	Infusion - Drinking	1	1	0.08	Hypertension, coronary heart disease (Umar <i>et al.</i> , 2010).
<i>Olea europea</i> L. var. <i>europea</i> , Oleaceae	9561	Elia'	Earache	Fruits	Expression - Applying in drops (olive oil)	3	4	0.31	Wounds, irritated skin, earache, rheumatism, cardiovascular diseases, diabetes (Polymerou-Kamilaki, 2017); anticancer activity (Goulas <i>et al.</i> , 2009)
			Nappy rash, gall	Fruits	Expression - Compress				
			Babies' seborrheic dermatitis	Fruits	Expression - Embrocation				
			Intestine cancer	Leaves	Mashing, filtration - Drinking of filtrate				
<i>Origanum majorana</i> L., Lamiaceae	9559	Matzoura'na	Dysmenorrhea, vertigo, tachyarrhythmia	Aerial parts with flowers	Infusion - Drinking	5	3	0.38	Antioxidant, relaxing, anticonvulsant, antibacterial, antifungal, antidiabetic, antimutagenic, insecticide activities (Vasudeva & Vasudeva, 2015)
<i>Petroselinum crispum</i> (Mill.) Fuss, Apiaceae	9590	Madano's	Hemorrhoids	Leaves	Mashing - Poultice	1	1	0.08	Antidiabetic, analgesic, antioxidant, anticonvulsant, immune regulator, antimicrobial, laxative activity (Farzaei <i>et al.</i> , 2013)
<i>Pimpinella anisum</i> L., Apiaceae	9591	Glika'nissos	Dysmenorrhea	Seeds	Infusion - Drinking	3	1	0.23	Digestive, anticonvulsant gastrointestinal tract, increases women's milk production (Science direct, 2016);

									antibacterial, antifungal, anti-ulcer, muscles' relaxing activity (Shojaii & Fard, 2012)
<i>Rosa damascena</i> Mill., Rosaceae	9518	Magia'tiko triada'filo	Diarrhea	Petals	Rubbing - Eating	1	1	0.08	Antistress, against depression, wound healer, contributes in skin health (Boskabady <i>et al.</i> , 2011)
<i>Solanum lycopersicum</i> L., Solanaceae	9568	Toma'ta	Burn	Fruits	Mashing - Spreading on skin	3	2	0.23	Skin burn, nausea, stomach disturbances (Cavender, 2006)
			Abscess mollification	Fruits	Cutting in slices - Putting on abscess				
<i>Solanum tuberosum</i> L., Solanaceae	9572	Pata'ta	Prostate	Tuber	Squeezing - Drinking	1	1	0.08	Skin burn, indigestion, nausea (Cavender, 2006; Vlachojannis <i>et al.</i> , 2010); abscesses (Vlachojannis <i>et al.</i> , 2010); renal diseases, liver diseases (Monigatti <i>et al.</i> , 2013)
<i>Triticum</i> spp., Poaceae	9573	Sita'ri	Sore throat	Perisperm of seeds	Heating, rolling in cloth - Patch	1	1	0.08	Dislocation (Pieroni, 2000)
<i>Vigna unguiculata</i> (L.) Walp., Fabaceae	9517	Mavroma'tiko fasso'li	Perniones (chilblains), cough	Seeds	Boiling - Drinking	3	2	0.31	Insect bites (Inngjeringena <i>et al.</i> , 2004); antiinflammatory (Siddhurajub & Beckera, 2007)
<i>Vitis vinifera</i> L. subsp. <i>sativa</i> , Vitaceae	9567	Abe'li	Furuncles	Dried fruits	Mashing - Patch	2	1	0.15	Psoriasis, eye inflammation, herpes zoster, to interrupt women's milk production (Leporatti & Ghedira, 2009); antibacterial activity (Parekh & Chanda, 2006)
<i>Nicotiana tabacum</i> L., Solanaceae	9589	Kapno's	Bleeding stopping	Leaves	Cutting in small pieces - Patch on wound	1	1	0.08	Headache, abscesses, wounds, insect, serpent bites, hysteria, neuralgia, tetanus, nasal polyp (Charlton, 2004)

Appendix S2. Cultivated taxa reported in local folk literature, including *Glycyrrhiza glabra* non-native non-cultivated in Milos Island. Abbreviations are: V.N. Voucher number (ACA); P.P. part of the plant used; E.A. Elaboration-Administration; I.N. indication number.

Taxon Family	V.N.	Local name	Ailment	P.P.	E.A.	Source	I.N.	References
<i>Allium cepa</i> L. Alliaceae	9504	Kremi'di	Avoid hematoma after injuries	Bulbs	Cutting - Patch	Vaos, 1982	4	Antihyperlipidemic (Hossan <i>et al.</i> , 2010) prevention of edema (Ugulu, 2011) against cough (Camejo-Rodrigues <i>et al.</i> , 2003)
			Dry cough	Bulbs	Cutting squeezing - Drinking			
			Peeled lips	Outer tunic of bulb	Without elaboration - Patch			
			Infected wounds	Bulbs	Mashing - Poultice			
<i>Allium sativum</i> L. Alliaceae	9562	Sko'rdo	Stomachache	Bulbil	Mashing - Poultice	Vaos, 1982	2	Antibacterial antifungal (Cavallito & Bailey, 1944; Chen <i>et al.</i> , 2018)
			Edema of animals' feet because of overwork	Outer tunic of bulbil	Without elaboration - Patch			
<i>Capsicum annuum</i> L. var. <i>cayenne</i> Solanaceae	9563	Kafteri' piperia'	Aching hips	Fruits	Tincture - Embrocation	Vaos, 1982	1	Arthritis back pain (Valavanides & Efstathiou, 2006) neuropathy muscular pain (Anand & Bley, 2011)
<i>Citrullus lanatus</i> (Thunb.) Matsum. & Nakai Cucurbitaceae	9581	Karpusia'	Wheeziness	Fruits	Adding olive oil inside the overmatured fruit baking filtration of the inner part - Drinking	Vaos, 1982	1	Laxative diuretic vomiting tonifying urinary tract infections dropsy (Erhirhie & Ekene, 2013) high blood pressure diabetes gonorrhea stomach ulcer prostatic hyperplasia (Niroumand <i>et al.</i> , 2018)
<i>Hordeum vulgare</i> L. Poaceae	9585	Kritha'ri	Pregnancy melisma	Seeds	Boiling - Washing	Vaos, 1982	1	Nephrolithiasis (Shah <i>et al.</i> , 2012)
<i>Linum usitatissimum</i> L. Linaceae	9579	Lina'ri	Pleurisy	Seeds	Mashing - Poultice	Vaos, 1982	1	Anti-inflammatory (Ansari <i>et al.</i> , 2019) healing burns against cough pleurisy pneumonia cystitis (Kaithwas & Majumdar, 2013; Karande, 2014)
<i>Olea europea</i> L. var. <i>europea</i> Oleaceae	9510	Elia'	Scorpion's bite	Fruits	Mashing - Poultice	Vaos, 1982	3	Wounds irritated skin earache rheumatism cardiovascular diseases

			Bone dislocation	Fruits	Olive oil - Embrocation	Vaos, 1993		diabetes (Polymerou-Kamilaki, 2017) anticancer activity (Goulas <i>et al.</i> , 2009)
			Parturition	Fruits	Olive oil - Embrocation	Vaos, 1993		
<i>Petroselinum crispum</i> (Mill.) Fuss	9584	Madano's	Inguinal hernia	Leaves	Boiling in red wine - Poultice	Vaos, 1982	2	Antidiabetic analgesic antioxidant anticonvulsant immune regulator antimicrobial laxative activity (Farzaei <i>et al.</i> , 2013)
			Nephrolithiasis	Leaves	Infusion - Drinking			
<i>Pimpinella creticum</i> L.	9582	Glyka'nissos	Induces milk production	Seeds	Infusion - Drinking	Xidou, 2012	1	Digestive anticonvulsant gastrointestinal tract increases women's milk production (ScienceDirect, 2016) antibacterial antifungal anti-ulcer muscles' relaxing activity (Shojaii & Fard, 2012)
<i>Punica granatum</i> L.	9574	Rodia'	Blood detoxification	No data		Xidou, 2012	1	Liver protection blood glucose level decrease (Das <i>et al.</i> , 2001)
<i>Rosa damascena</i> Mill.	9583	Magia'tiko triada'filo	Peeled lips	Petals	Without elaboration - Patch	Vaos, 1982	2	Antistress against depression wound healer contributes in skin health (Boskabady <i>et al.</i> , 2011)
			Diarrhea		Poultice with sugar - Eating			
<i>Solanum melongena</i> L.	9577	Melitza'na	Hemorrhoids	Fruits	Baking grinding - Patch	Vaos, 1982	1	Diabetes cholera bronchitis dysuria dysentery otitis toothache skin infections asthenia and hemorrhoids narcotic anti-asthmatic anti-rheumatic properties (Kew sciences Plants of the world, 2017)
<i>Triticum spp.</i>	9573	Sitira'	Sting by <i>Scorpaena scrofa</i>	Dried scapes	Infusion - Bath		1	Dislocation (Pieroni, 2000)
			Scorpaenidae					
<i>Vigna unguiculata</i> L.	9578	Mavroma'tiko fasso'li	Itching of cold hands feet	Fruits	Infusion - Bath	Vaos, 1982	1	Insect bites (Inngjerdingena, 2004) anti-inflammatory (Siddhurajub & Beckera, 2007)
<i>Vitis vinifera</i> L. ssp. <i>sativa</i>	9575	Abe'li	Eye irritation conjunctivitis	Root to shoot sap	Without elaboration - Application in the eye	Vaos, 1982	3	Psoriasis eye inflammation herpes zoster to interrupt women's' milk production (Leporatti & Ghedira, 2009)

			Abscesses	Fruits	Poultice - Patch	antibacterial activity (Parekh & Chanda, 2006)			
			Malaria infections	Fruits	Vinegar - Inhaling				
<i>Zea mays</i> L.	Poaceae	9509	Kalabo'ki	Nephrolithiasis	Stamens	Infusion - Drinking	Vaos, 1982	1	Increase of urine production (Tiwari A., 2012) urinary tract infections (Del Carmen Juarez-Vazquez <i>et al.</i> , 2013)
<i>Glycyrrhiza glabra</i> L.	Fabaceae	9557	Gliko'risa	Sore throat	Roots	Poultice cold maceration with water boiling making lozenge - Let melt in mouth without chewing	Vaos, 1982	1	Anti-inflammatory antiviral antimicrobial antioxidant liver protective nervous system protective healing activity. Inhibits carcinogenesis mutagenesis (Pastorino <i>et al.</i> , 2018)

Appendix S3. Taxa cited in interviews for uses other than pharmaceuticals and food.

Taxon, Family	Voucher no (ACA)	Local name	Elaboration/Administration - Use
<i>Acacia farnesiana</i> (L.) Willd. Fabaceae	9513	Gazi'a	Dried flower - In wardrobe to give perfume to clothes
<i>Citrus limon</i> L., Rutaceae	9555	Lemonia'	Sap in water - Bath, clothes washing (whitening), hand care
<i>Mentha pulegium</i> L., Lamiaceae	9497	Flisku'ni	Scapes, flowers - Protect winter clothes from insects in summer
<i>Origanum majorana</i> L., Lamiaceae	9559	Matzura'na	Infusion - Bath
<i>Pelargonium graveolens</i> L'Hér., Geraniaceae	9500	Trisai'	Infusion - Disinfection of wine barrels. Infusion together with <i>C. limon</i> leaves and <i>P. lentiscus</i> scapes for general disinfection
<i>Pistacia lentiscus</i> L., Anacardiaceae	8674	Ski'nos	Infusion - Clothes washing, disinfection of wine barrels
<i>Rosmarinus officinalis</i> L. = <i>Salvia rosmarinus</i> (L.) Schleid., Lamiaceae	9564	Dentrolivano	Infusion - Clothes refreshing
<i>Salvia fruticosa</i> Mill., Lamiaceae	8668	Fasko'milo	Infusion - Body bath

Appendix S4. Taxa cited in local folk literature for uses other than pharmaceuticals and food.

Taxon, Family	Voucher no (ACA)	Local name	Elaboration/Administration - Use
<i>Allium cepa</i> L., Alliaceae	9593	Kremi'di	Infusion of outer bulb tunic - Textiles dyeing (light yellow)
<i>Allium sativum</i> L., Alliaceae	9506	Sko'rdo	Bulbil hung on inner door to protect from evil eye
<i>Arundo donax</i> L., Poaceae	8837	Kalamia'	Scapes in roof construction
<i>Asphodelus ramosus</i> L. subsp. <i>ramosus</i> , Asphodelaceae	8995	Aske'la, asfo'delos	Leaves - Filling mattress Prevision of cereals harvest: large quantity of <i>A. ramosus</i> fruits meant high harvest
<i>Carlina gummifera</i> (L.) Less., Asteraceae	9588	Mastihia', mastiha'gatho	Future prevision
<i>Ceratonia siliqua</i> L., Fabaceae	9320	Harupia'	Achievement of desired color tint and stabilization of color in clothes dyeing
<i>Glebionis coronaria</i> (L.) Spach, Asteraceae	9553	Madeli'da	Flowers - Textile dyeing (yellow)
<i>Cyperus</i> spp., Cyperaceae	8682	Ki'peri	Saddle filling
<i>Hypericum triquetrifolium</i> Turra, Hypericaceae		Agu'duras	Scapes, flowers to make layer on the ground and put the grapes on it to dry Brooms for coating the threshing floor with manure
<i>Juncus maritimus</i> Lam., Juncaceae	8675	Vu'rlo	Roof construction Scapes to make molds to keep the fresh cheese
<i>Juniperus phoenicea</i> L., Cupressaceae	8676	Fi'da	House construction
<i>Nerium oleander</i> L., Apocynaceae	8699	Filla'da	Warning sign for shepherds not to bring ships to graze in certain fields.

<i>Papaver rhoeas</i> L., Papaveraceae	7678	Paparu'na	Insect repellent used in cereals seeds Flowers - Textiles dying
<i>Pelargonium graveolens</i> L'Hér., Geraniaceae	7671	Trisai'	Wine flavor
<i>Pistacia lentiscus</i> L., Anacardiaceae	8674	Ski'nos	Insect repellent Weather prevision Wine flavor
<i>Punica granatum</i> L., Lythraceae	9574	Rodia'	Fruit inside bags of cereals' seeds while preparing for sowing for good luck Fruit cortex - Textile dying (black)
<i>Rumex conglomeratus</i> Murray, Polygonaceae	7669	La'patho	Flowers - Textile dying (light cinnamon color)
<i>Ruta graveolens</i> L., Rutaceae	8673	Api'ganos	Against evil eye and demons
<i>Thymbra capitata</i> (L.) Cav., Lamiaceae	8667	Thi'mios	Brooms to coat the threshing floor with manure. Cheese conservation Scapes, flowers - Filtrating, disinfecting rain waters before storing them in cistern Scape in basket with snails so they can climb on it and not die because of the litle room
<i>Triticum</i> spp., Poaceae	9573	Dimitriaka'	Dried scapes (Straw) - Textiles dying (gold color)
<i>Urginea maritima</i> (L.) Baker, Hyacinthaceae	8677	Kuvaraske'la	Prevision of harvest: many strong and vivid flowers meant a good harvest Bulb hung out of door to protect from evil eye

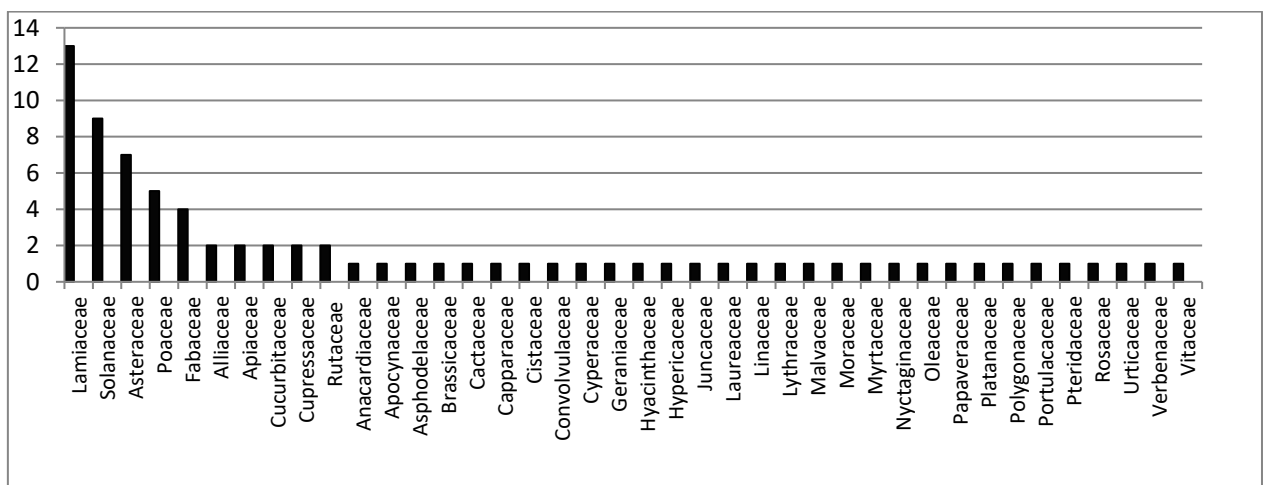


Figure S1. Total frequency of 40 families of 76 native and cultivated plant species that are/were in use on the island of Milos from 16th to 21st centuries as pharmaceuticals, fragrances, cleansers, disinfectants, insect repellents, for housebuilding, weather forecasting, future prevision, good luck, against evil eye.



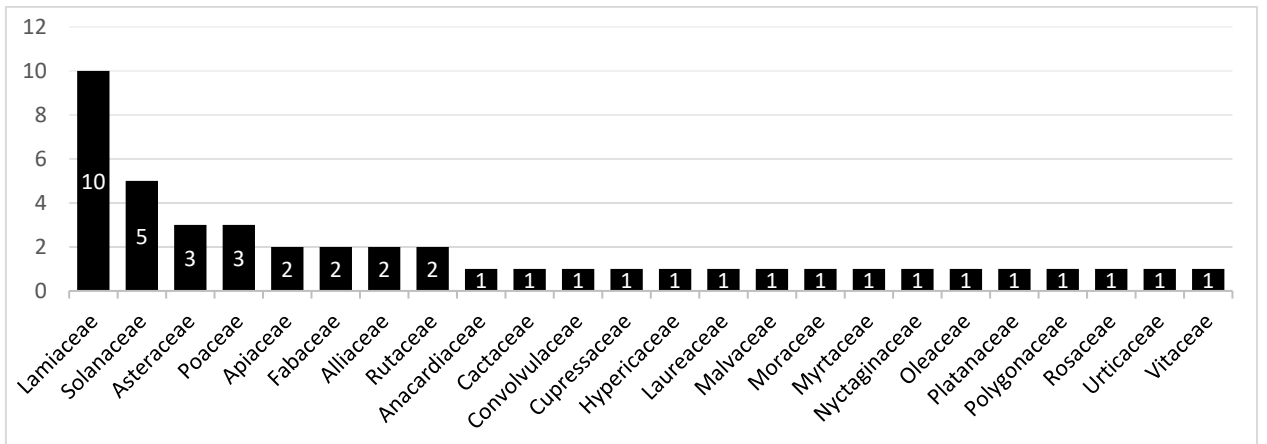


Figure S2. Frequency classification of the 24 plant families mentioned in interviews.

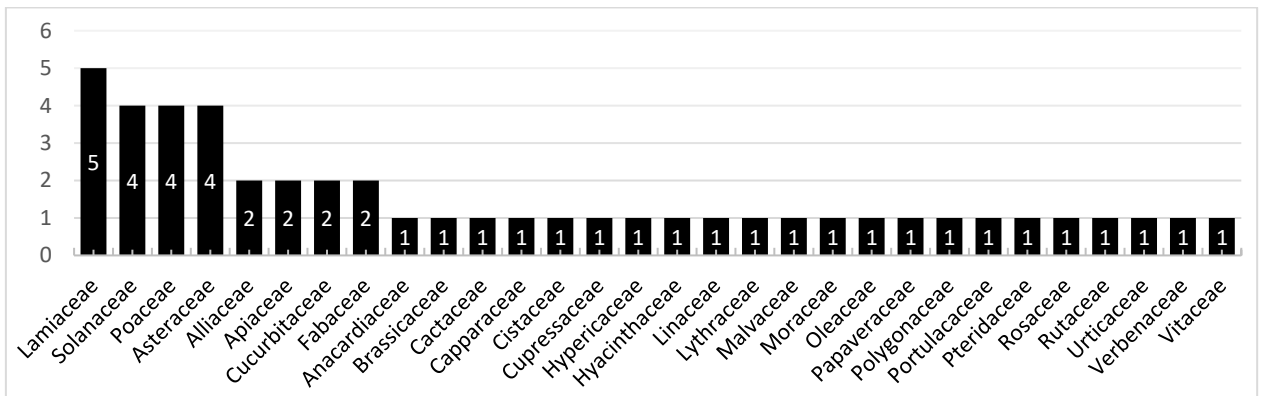


Figure S3. Frequency classification of the 30 plant families mentioned in local folk literature of Milos.