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Electronic Supplementary File 1

Table S1. List of AMPs used in cosmetology - hair care and veterinary medicine.

Taxon name	Main synonyms	Family	Type of use
<i>Acanthus mollis</i> L.	-	<i>Acanthaceae</i>	Cosmetology – Hair care
<i>Aizoon canariense</i> L.	-	<i>Aizoaceae</i>	Cosmetology – Hair care
<i>Anabasis syriaca</i> Il'in	<i>Anabasis aphylla</i> subsp. <i>africana</i> Maire	<i>Amaranthaceae</i>	Veterinary medicine
<i>Fredolia aretioides</i> (Bunge) Ulbr.	<i>Anabasis aretioides</i> Bunge	<i>Amaranthaceae</i>	Cosmetology – Hair care
<i>Nucularia perrinii</i> Batt.	-	<i>Amaranthaceae</i>	Veterinary medicine
<i>Salsola baryosma</i> (Schultes) Dandy	<i>Salsola foetida</i> Sprengel	<i>Amaranthaceae</i>	Cosmetology – Hair care
<i>Salsola longifolia</i> Forsskål	<i>Salsola oppositifolia</i> Desf.	<i>Amaranthaceae</i>	Cosmetology – Hair care
<i>Salsola tetragona</i> Delile	-	<i>Amaranthaceae</i>	Cosmetology – Hair care
<i>Salsola vermiculata</i> L.	-	<i>Amaranthaceae</i>	Cosmetology – Hair care
<i>Suaeda vermiculata</i> J.F. Gmelin	<i>Suaeda mollis</i> (Desf.) Delile	<i>Amaranthaceae</i>	Cosmetology – Hair care
<i>Allium porrum</i> L.	<i>Allium ampeloprasum</i> var. <i>porrum</i> (L.) J. Gay	<i>Amaryllidaceae</i>	Cosmetology – Hair care
<i>Allium sativum</i> L.	-	<i>Amaryllidaceae</i>	Veterinary medicine
<i>Pistacia atlantica</i> Desf.	-	<i>Anacardiaceae</i>	Cosmetology – Hair care
<i>Pistacia lentiscus</i> L.	-	<i>Anacardiaceae</i>	Cosmetology – Hair care
<i>Rhus albida</i> Schousboe	-	<i>Anacardiaceae</i>	Veterinary medicine
<i>Rhus tripartita</i> (Ucria) Grande	-	<i>Anacardiaceae</i>	Cosmetology – Hair care
<i>Daucus carota</i> L. var. <i>sativa</i>	-	<i>Apiaceae</i>	Cosmetology – Hair care
<i>Magydaris panaciflora</i> (Vahl) Lange	-	<i>Apiaceae</i>	Cosmetology – Hair care
<i>Magydaris pastinacea</i> (Lam.) Paol.	-	<i>Apiaceae</i>	Cosmetology – Hair care
<i>Nerium oleander</i> L.	-	<i>Apocynaceae</i>	Cosmetology – Hair care and Veterinary medicine
<i>Phoenix dactylifera</i> L.	-	<i>Arecaceae</i>	Cosmetology – Hair care
<i>Asteriscus graveolens</i> (Forssk.) Less.	<i>Buphtalmum graveolens</i> Forssk. <i>Bubonium graveolens</i> (Forssk.) Maire	<i>Asteraceae</i>	Cosmetology – Hair care

<i>Asteriscus graveolens</i> subsp. <i>odorus</i> (Schousboe) Greuter	<i>Buphtalmum odorum</i> Schousb. <i>Bubonium odorum</i> (Schousb.) Maire	<i>Asteraceae</i>	Cosmetology – Hair care
<i>Carlina gummifera</i> (L.) Less.	<i>Atractylis gummifera</i> L. <i>Atractylis macrocephala</i> Desf.	<i>Asteraceae</i>	Cosmetology – Hair care
<i>Chamaemelum nobile</i> (L.) All.	<i>Anthemis nobilis</i> L. <i>Ormenis nobilis</i> subsp. <i>aurea</i> (L.) Maire	<i>Asteraceae</i>	Cosmetology – Hair care
<i>Dittrichia viscosa</i> (L.) Greuter	<i>Eriferon viscosus</i> L. <i>Inula viscosa</i> (L.) Aiton	<i>Asteraceae</i>	Cosmetology – Hair care
<i>Matricaria chamomilla</i> L.	<i>Matricaria recutita</i> L. <i>Matricaria kochiana</i> Sch. Bip.	<i>Asteraceae</i>	Cosmetology – Hair care
<i>Diplotaxis catholica</i> (L.) DC.	-	<i>Brassicaceae</i>	Veterinary medicine
<i>Diplotaxis harra</i> (Forssk.) Boiss	-	<i>Brassicaceae</i>	Veterinary medicine
<i>Diplotaxis pitardiana</i> Maire	-	<i>Brassicaceae</i>	Veterinary medicine
<i>Morettia canescens</i> Boiss.	-	<i>Brassicaceae</i>	Cosmetology – Hair care
<i>Schouwia purpurea</i> (Forssk.) Schweinf.	-	<i>Brassicaceae</i>	Veterinary medicine
<i>Raphanus sativus</i> L.	-	<i>Brassicaceae</i>	Cosmetology – Hair care
<i>Cannabis sativa</i> L.	-	<i>Cannabaceae</i>	Cosmetology – Hair care
<i>Capparis decidua</i> (Forssk.) Edgew.	-	<i>Capparaceae</i>	Veterinary medicine
<i>Capparis spinosa</i> L.	-	<i>Capparaceae</i>	Cosmetology – Hair care
<i>Maerua crassifolia</i> Forssk.	-	<i>Capparaceae</i>	Cosmetology – Hair care
<i>Corrigiola telephiifolia</i> Pourret	-	<i>Caryophyllaceae</i>	Cosmetology – Hair care
<i>Silene vulgaris</i> (Moench) Garcke	<i>Silene cucubalus</i> Wibel	<i>Caryophyllaceae</i>	Cosmetology – Hair care
<i>Cleome africana</i> Botsch.	<i>Cleome arabica</i> L.	<i>Cleomaceae</i>	Cosmetology – Hair care
<i>Cleome amblyocarpa</i> Barrate & Murb.	-	<i>Cleomaceae</i>	Veterinary medicine
<i>Juniperus oxycedrus</i> L.	-	<i>Cupressaceae</i>	Cosmetology – Hair care and Veterinary medicine
<i>Tetraclinis articulata</i> (Vahl) Masters	<i>Callitris articulata</i> (Vahl) Link	<i>Cupressaceae</i>	Cosmetology – Hair care
<i>Bolboschoenus maritimus</i> (L.) Palla	<i>Scirpus maritimus</i> L. <i>Scirpus maritimus</i> var. <i>monostachyus</i> Meyer	<i>Cyperaceae</i>	Veterinary medicine
<i>Cyperus longus</i> L.	<i>Cyperus badius</i> Desf. <i>Cyperus longus</i> subsp. <i>badius</i> (Desf.) Bonnier & Layens	<i>Cyperaceae</i>	Cosmetology – Hair care
<i>Cyperus rotundus</i> L. subsp. <i>rotundus</i>	-	<i>Cyperaceae</i>	Cosmetology – Hair care
<i>Scirpoides holoschoenus</i> (L.) Soják	<i>Scirpus holoschoenus</i> L. <i>Scirpus australis</i> L. <i>Scirpus globiferus</i> L. f.	<i>Cyperaceae</i>	Cosmetology – Hair care and Veterinary medicine

<i>Pteridium aquilinum</i> (L.) Kuhn	<i>Eupteris aquilina</i> (L.) Newman	<i>Dennstaedtiaceae</i>	Veterinary medicine
<i>Ephedra fragilis</i> Desf.	-	<i>Ephedraceae</i>	Cosmetology – Hair care
<i>Chamaesyce granulata</i> (Forssk.) J. Sojak	<i>Euphorbia granulata</i> Forsskål	<i>Euphorbiaceae</i>	Cosmetology – Hair care
<i>Euphorbia resinifera</i> Berg.	-	<i>Euphorbiaceae</i>	Cosmetology – Hair care
<i>Mercurialis ambigua</i> L. fil.	<i>Mercurialis annua</i> subsp. <i>ambigua</i> (L. f.) Arcangeli	<i>Euphorbiaceae</i>	Cosmetology – Hair care
<i>Ricinus communis</i> L.	-	<i>Euphorbiaceae</i>	Cosmetology – Hair care and Veterinary medicine
<i>Anagyris foetida</i> L.	-	<i>Fabaceae</i>	Veterinary medicine
<i>Cicer arietinum</i> L.	-	<i>Fabaceae</i>	Cosmetology – Hair care
<i>Faidherbia albida</i> (Delile) A. Cheval.	<i>Acacia albida</i> Delile	<i>Fabaceae</i>	Cosmetology – Hair care
<i>Lotus jolyi</i> Batt.	-	<i>Fabaceae</i>	Cosmetology – Hair care
<i>Melilotus indicus</i> (L.) All.	-	<i>Fabaceae</i>	Cosmetology – Hair care
<i>Melilotus officinalis</i> (L.) Lam	<i>Melilotus arvensis</i> Wallr.	<i>Fabaceae</i>	Cosmetology – Hair care
<i>Melilotus segetalis</i> (Brot.) Ser	<i>Melilotus sulcatus</i> subsp. <i>Segetalis</i> (Brot) P. Fournier	<i>Fabaceae</i>	Cosmetology – Hair care
<i>Melilotus sulcatus</i> Desf.		<i>Fabaceae</i>	Cosmetology – Hair care
<i>Spartidium saharae</i> (Cosson & Durieu) Pomel	<i>Genista saharae</i> Cosson & Durieu	<i>Fabaceae</i>	Veterinary medicine
<i>Trigonella foenum-gracum</i> L.	-	<i>Fabaceae</i>	Cosmetology – Hair care
<i>Quercus faginea</i> Lam	-	<i>Fagaceae</i>	Cosmetology – Hair care
<i>Centaurium erythraea</i> Rafn	-	<i>Gentianaceae</i>	Cosmetology – Hair care
<i>Centaurium spicatum</i> (L.) Fritch	-	<i>Gentianaceae</i>	Cosmetology – Hair care
<i>Pelargonium capitatum</i> (L.) L'Hérit.	-	<i>Geraniaceae</i>	Cosmetology – Hair care
<i>Pelargonium odoratissimum</i> L'Hérit. & Aiton	-	<i>Geraniaceae</i>	Cosmetology – Hair care
<i>Pelargonium roseum</i> Willd.	-	<i>Geraniaceae</i>	Cosmetology – Hair care
<i>Crocus sativus</i> L.	-	<i>Iridaceae</i>	Cosmetology – Hair care
<i>Iris albicans</i> Lange	-	<i>Iridaceae</i>	Cosmetology – Hair care
<i>Iris florentina</i> L.	-	<i>Iridaceae</i>	Cosmetology – Hair care
<i>Iris pseudocorus</i> L.	<i>Xiphion pseudocorus</i> (L.) Schrank	<i>Iridaceae</i>	Cosmetology – Hair care
<i>Iris tingitana</i> Boiss. & Reuter	<i>Iris fontanesii</i> Godr. <i>Iris theresiae</i> Sennen & Mauricio <i>Iris xiphium</i> Desf.	<i>Iridaceae</i>	Cosmetology – Hair care
<i>Iris x germanica</i> L.	<i>Iris x belouinii</i> Bois & Cornuault	<i>Iridaceae</i>	Cosmetology – Hair care
<i>Juglans regia</i> L.	-	<i>Juglandaceae</i>	Cosmetology – Hair care
<i>Lavandula angustifolia</i> Mill.	-	<i>Lamiaceae</i>	Cosmetology – Hair care
<i>Lavandula dentata</i> L.	-	<i>Lamiaceae</i>	Cosmetology – Hair care

<i>Lavandula multifida</i> L.	<i>Lavandula mairei</i> var. <i>lanifera</i> Font Quer	<i>Lamiaceae</i>	Cosmetology – Hair care
<i>Lavandula stoechas</i> L. subsp. <i>stoechas</i>	-	<i>Lamiaceae</i>	Cosmetology – Hair care
<i>Marrubium vulgare</i> L.	-	<i>Lamiaceae</i>	Cosmetology – Hair care
<i>Mentha suaveolens</i> Ehr.	-	<i>Lamiaceae</i>	Cosmetology – Hair care
<i>Mentha suaveolens</i> subsp. <i>timija</i> (Briq.) Harley	-	<i>Lamiaceae</i>	Cosmetology – Hair care
<i>Origanum compactum</i> Bentham	-	<i>Lamiaceae</i>	Cosmetology – Hair care
<i>Rosmarinus officinalis</i> L.	-	<i>Lamiaceae</i>	Cosmetology – Hair care
<i>Vitex agnus-castus</i> L.	-	<i>Lamiaceae</i>	Cosmetology – Hair care
<i>Lawsonia inermis</i> L.	-	<i>Lythraceae</i>	Cosmetology – Hair care
<i>Punica granatum</i> L.	-	<i>Lythraceae</i>	Cosmetology – Hair care
<i>Malva neglecta</i> Wallr.	-	<i>Malvaceae</i>	Cosmetology – Hair care
<i>Malva parviflora</i> L.	-	<i>Malvaceae</i>	Cosmetology – Hair care
<i>Malva sylvestris</i> L.	-	<i>Malvaceae</i>	Cosmetology – Hair care
<i>Myrtus communis</i> L.	-	<i>Myrtaceae</i>	Cosmetology – Hair care
<i>Peganum harmala</i> L.	-	<i>Nitrariaceae</i>	Cosmetology – Hair care
<i>Nitraria retusa</i> (Forssk.) Asch.	-	<i>Nitrariaceae</i>	Veterinary medicine
<i>Jasminum officinale</i> L.	-	<i>Oleaceae</i>	Cosmetology – Hair care
<i>Olea europaea</i> subsp. <i>oleaster</i> (Hoffm. & Link) Negodi	-	<i>Oleaceae</i>	Cosmetology – Hair care
<i>Papaver rhoeas</i> L.	-	<i>Papaveraceae</i>	Cosmetology – Hair care
<i>Pinus nigra</i> subsp. <i>mauretanica</i> (Maire & Peyerimh.) Heywood	<i>Pinus clusiana</i> subsp. <i>mauretanica</i> (Maire & Peyerimh.) Maire <i>Pinus pyrenaica</i> subsp. <i>mauretanica</i> (Maire & Peyerimh.) O. Schwarz.	<i>Pinaceae</i>	Cosmetology – Hair care
<i>Plantago ovata</i> Forssk	-	<i>Plantaginaceae</i>	Cosmetology – Hair care
<i>Limoniastrum guyonianum</i> Boiss.	-	<i>Plumbaginaceae</i>	Cosmetology – Hair care
<i>Limoniastrum ifniense</i> (A. Caballero) Font Quer	-	<i>Plumbaginaceae</i>	Cosmetology – Hair care
<i>Cymbopogon</i> <i>schoenanthus</i> (L.) Spreng.	<i>Andropogon schoenanthus</i> L. <i>Andropogon langerum</i> Desf.	<i>Poaceae</i>	Veterinary medicine
<i>Triticum durum</i> Desf.	-	<i>Poaceae</i>	Cosmetology – Hair care
<i>Triticum turgidum</i> L.	-	<i>Poaceae</i>	Cosmetology – Hair care
<i>Zea mays</i> L.	-	<i>Poaceae</i>	Cosmetology – Hair care
<i>Calligonum polygonoides</i> subsp. <i>comosum</i> (L'Hér.) Soskov	<i>Calligonum comosum</i> L'Hér.	<i>Polygonaceae</i>	Veterinary medicine
<i>Clematis flammula</i> L.	-	<i>Ranunculaceae</i>	Veterinary medicine
<i>Clematis vitalba</i> L.	-	<i>Ranunculaceae</i>	Veterinary medicine
<i>Delphinium staphisagria</i> L.	-	<i>Ranunculaceae</i>	Cosmetology – Hair care
<i>Caylusea hexagyna</i> (Forssk.) M.L. Green	<i>Caylusea canescens</i> (L.) Walpers	<i>Resedaceae</i>	Cosmetology – Hair care
<i>Reseda luteola</i> L.	-	<i>Resedaceae</i>	Cosmetology – Hair care

<i>Reseda villosa</i> Cosson	-	<i>Resedaceae</i>	Cosmetology – Hair care
<i>Ziziphus lotus</i> (L.) Lam.	-	<i>Rhamnaceae</i>	Cosmetology – Hair care
<i>Cydonia oblonga</i> Miller	-	<i>Rosaceae</i>	Cosmetology – Hair care
<i>Fragaria x ananassa</i> Duchesne	-	<i>Rosaceae</i>	Cosmetology – Hair care
<i>Prunus dulcis</i> (Miller) D.A. Webb	<i>Prunus amygladus</i> Stokes	<i>Rosaceae</i>	Cosmetology – Hair care
<i>Prunus persica</i> (L.) Batsch	-	<i>Rosaceae</i>	Cosmetology – Hair care
<i>Rosa canina</i> L.	-	<i>Rosaceae</i>	Cosmetology – Hair care
<i>Rosa centifolia</i> L.	-	<i>Rosaceae</i>	Cosmetology – Hair care
<i>Rosa damascena</i> Mill.	-	<i>Rosaceae</i>	Cosmetology – Hair care
<i>Rubus ulmifolius</i> Schott.	-	<i>Rosaceae</i>	Cosmetology – Hair care
<i>Citrus aurantiifolia</i> (Christm) Swingle	-	<i>Rutaceae</i>	Cosmetology – Hair care
<i>Citrus aurantium</i> L.	-	<i>Rutaceae</i>	Cosmetology – Hair care
<i>Citrus limetta</i> Risso	-	<i>Rutaceae</i>	Cosmetology – Hair care
<i>Citrus limon</i> (L.) Burm.F.	-	<i>Rutaceae</i>	Cosmetology – Hair care
<i>Citrus limonium</i> Risso	-	<i>Rutaceae</i>	Cosmetology – Hair care
<i>Populus euphratica</i> Olivier	-	<i>Salicaceae</i>	Cosmetology – Hair care
<i>Salvadora persica</i> L.	-	<i>Salvadoraceae</i>	Cosmetology – Hair care
<i>Argania spinosa</i> (L.) Skeels	-	<i>Sapotaceae</i>	Cosmetology – Hair care
<i>Smilax aspera</i> L.	<i>Smilax mauritanica</i> Poir. <i>Smilax aspera</i> var. <i>altissima</i> Moris & De Not.	<i>Smilacaceae</i>	Cosmetology – Hair care
<i>Mandragora autumnalis</i> Bertol.	<i>Mandragora officinarum</i> L.	<i>Solanaceae</i>	Cosmetology – Hair care
<i>Nicotiana glauca</i> R.C. Graham	-	<i>Solanaceae</i>	Cosmetology – Hair care
<i>Nicotiana rustica</i> L.	-	<i>Solanaceae</i>	Cosmetology – Hair care
<i>Solanum tuberosum</i> L.	-	<i>Solanaceae</i>	Cosmetology – Hair care
<i>Tamarix africana</i> Poiret	<i>Tamarix gallica</i> subsp. <i>nilotica</i> var. <i>pleiandra</i> Maire <i>Tamarix brachystylis</i> var. <i>fluminensis</i> Maire	<i>Tamaricaceae</i>	Cosmetology – Hair care
<i>Tamarix amplexicaulis</i> Ehrenb.	<i>Tamarix pauciovulata</i> Gay <i>Tamarix balansea</i> Gay	<i>Tamaricaceae</i>	Cosmetology – Hair care
<i>Tamarix aphylla</i> (L.) H. Krast.	-	<i>Tamaricaceae</i>	Cosmetology – Hair care and Veterinary medicine
<i>Tamarix bovena</i> Bunge	-	<i>Tamaricaceae</i>	Cosmetology – Hair care
<i>Tamarix gallica</i> L.	-	<i>Tamaricaceae</i>	Veterinary medicine
<i>Daphne gnidium</i> L.	-	<i>Thymelaeaceae</i>	Cosmetology – Hair care
<i>Daphne gnidium</i> subsp. <i>mauritanica</i> (Nieto Feliner) J. J. Halda	<i>Daphne mauritanica</i> Nieto Feliner <i>Daphne gnidium</i> var. <i>lanata</i> Faure & Maire	<i>Thymelaeaceae</i>	Cosmetology – Hair care
<i>Parietaria judaica</i> L.	<i>Parietaria officinalis</i> subsp. <i>judaica</i> (L.) Béguinot	<i>Urticacea</i>	Cosmetology – Hair care
<i>Urtica urens</i> L.		<i>Urticacea</i>	Cosmetology – Hair care
<i>Asphodelus ramosus</i> L.	<i>Asphodelus microcarpus</i> Viv.	<i>Xanthorrhoeaceae</i>	Cosmetology – Hair care

<i>Balanites aegyptiaca</i> (L.) Delile	-	<i>Zygophyllaceae</i>	Cosmetology – Hair care
<i>Fagonia bruguieri</i> DC.	-	<i>Zygophyllaceae</i>	Veterinary medicine
<i>Zygophyllum fontanesii</i> Cosson	-	<i>Zygophyllaceae</i>	Cosmetology – Hair care
<i>Zygophyllum gaetulum</i> Emberger & Maire	-	<i>Zygophyllaceae</i>	Cosmetology – Hair care
<i>Zygophyllum waterlotii</i> Maire	<i>Zygophyllum gaetulum</i> subsp. <i>waterlotii</i> (Maire) Dobignard, Jacquemoud & Jordan	<i>Zygophyllaceae</i>	Cosmetology – Hair care
<i>Tropaeolum majus</i> L.	-	<i>Tropaeolaceae</i>	Cosmetology – Hair care

Table S2. List of plant parts of AMPs used in traditional Moroccan medicine.

Parts used

Aerial parts (plants without roots)
Bark (stems, fruit, roots, second bark)
Bark ashes
Buds
Bulbs
Cherry stems
Cones
Cynorrhodon
Flower buds
Flowering tops
Flowers (heads)
Fruits (berries, capsules, pods, acorns, almonds)
Galls
Goudrons
Gums
Kino
Latex
Leaf rib
Leaves
Leaves sap
Oils
Petals
Pulps
Resins
Rhizomes
Roots
Seeds
Stems (branches)
Stigmas
Straw
Style
Tubers
Umbels
Whole plants

Wood
Wood stick
Young shoots