

	<b>Category title*</b>	<b>Human ailments included within the category<sup>§</sup></b>
1	Gastrointestinal	Abdominal pain, antihelminthic, antispasmodic, burping, carminative, child diarrhea, cholera, clean
		digestive system, colic, colon, constipation, diarrhea, digestion, digestive ailments, dysentery, expulse
		coagulated blood in the stomach, flatulence, gas, gastric ulcer, gastritis, gastrointestinal secretions,
		improve digestion, indigestion, intestinal afflictions, intestinal cleansing, intestinal gas, intestinal
		infections, intestinal inflammation, intestinal ulcers, laxative, parasites, stimulate stomach function,
		stomachache, stomach acid, stomach cramps, stomach pain, ulcers, upset stomach, vermifuge
2	Dermatological	Abscesses, astringent, bruises, burns, cystic ulcerations, erysipela, external inflammation, facial scars,
		growths, heal the navel, infected wounds, lesions, lice, mosquito bites, pimples, pus-filled wounds, rash,
		ringworm, scabies, skin infections, skin irritation, skin problems, stimulate cutaneous functions, wash
		and soften the face, wound healing, wounds
3	Respiratory	Asthma, asthmatic cough, bronchial problems, bronchitis, child bronchitis, chronic cough, colds, cough,
		deafness, difficulty breathing, earache, eliminate phlegm, expectorant, gargle, lung afflictions, lungs,
		pneumonia, respiratory ailments, throat, throat disorders, throat inflammation, throat pain, throat
		problems, tonsillitis, tuberculosis, whooping cough
4	Neuropsychological	Analgesic, anger attack, awakening, calming, cure fright, depression, epilepsy, fainting, headache,
		hallucinogen, hangover, hysteria, increase talking process of children, insomnia, jitters, narcotic, nerves,
		nervous afflictions, nervous attacks, nervousness, refreshing, sedative, stimulant, stimulating, stress,
		tiredness, vertigo, vitality
5	Viral / fever	Diaphoretic, fever, flu, malaria, measles, mumps, smallpox, viral infections
6	Cardiovascular	Angina, blood disorders, blood pressure, chest, chest pain, circulatory problems, clean blood, damaged
		blood, heart, heart afflictions, heart pain, haemostatic, hemorrhoids, purify blood, stop bleeding, stop
		hemorrhages, treat the heart, varicose veins, weakness of heart
7	Gynecological	Abortive, contraceptive, emmenagogue, excessive vaginal fluid, facilitate childbirth, female fertility,
		feminine discomforts, galactagogue, menstrual colic, menstrual cramps, menstrual discomfort, menstrual
		disorder, ovarian inflammation, pains after childbirth, postpartum afflictions, pregnancy, regulate
		menstruation, stimulate menstruation, uterine flow, vaginal labial inflammation, vaginal washes
8	Urinary	Bladder pain, diuretic, kidney, nephritis, prostate, urinary system, urine retention
9	Hepatic	Eliminate excess bile, gallbladder, jaundice, liver, liver inflammation
10	Skeletomuscular	Arm pain, arthritis, back pain, body pain, fractures, hernia, knee pain, muscle pain, pains, rheumatism
11	Dental	Bad breath, bad teeth, bleeding gums, cavities, foot and mouth disease, mouth and gum inflammation,
		mouth disorders, mouthwash, toothache, tooth inflammation, whiten teeth
12	Optic	Burning eyes, cloudy eye, eye inflammation, eye irritation, eye problems, eyes washes, styes, vision

		problems
13	Nutritional/ metabolic	Anemia, cholesterol, diabetes, hypoglycemic agent, iron deficiency, scurvy
14	Cancerous	Cancer, cancerous ulcers, tumors
15	Snakebite	Snakebite
	No category due to	Amygdala, cleansing, convalescents, cramps, dropsy, infections, inflammation, insecticide, intoxications,
	ambiguity	irritation, night sweat, plague killer, purgative, purify, purify body, repels insects and other invertebrates,
		sheep ticks, spasms, “tabardillo,” tonic, weakness

**Supplementary Table 1:** Categorization of traditional uses of Ecuadorian market plants.

\*Categories listed in the order they appear in Figure 2D. §Ailments derived from reference texts [5,13].

Category title	Human ailments included within the category§
Infectious	Abdominal pain, antihelminthic, antispasmodic, bad breath, bad teeth, bleeding gums, bronchial problems, bronchitis, burping, carminative, cavities, child bronchitis, child diarrhea, cholera, chronic cough, clean digestion, digestive ailments, dysentery, earache, eliminate phlegm, erysipela, expectorant, expulse digestive system, cloudy eye, colds, colic, colon, constipation, cough diarrhea, diaphoretic, coagulated blood in the stomach, eye inflammation, eye irritation, eye problems, eyes washes, fever, flatulence, flu, foot and mouth disease, gargle, gas, gastric ulcer, gastritis, gastrointestinal secretions, lung afflictions, lungs, improve digestion, indigestion, infected wounds, infections, intestinal afflictions, intestinal cleansing, intestinal gas, intestinal infections, intestinal inflammation, intestinal ulcers, insecticide, laxative, lesions, lice, malaria, measles, mouth and gum inflammation, mouth disorders, mouthwash, mumps, night sweat, parasites, pimples, plague killer, pneumonia, pus-filled wounds, rash, repels insects and other invertebrates, respiratory ailments, ringworm, scabies, sheep ticks, skin infections, smallpox, stimulate stomach function, stomachache, stomach acid, stomach cramps, stomach pain, styes, throat, throat disorders, throat inflammation, throat pain, throat problems, tonsillitis, toothache, tooth inflammation, tuberculosis, ulcers, upset stomach, vermifuge, viral infections, whiten teeth, whooping cough
Chronic/ metabolic	Anemia, angina, arm pain, arthritis, asthma, asthmatic cough, awakening, back pain, blood disorders, blood pressure, body pain, cancer, cancerous ulcers, chest, chest pain, cholesterol, circulatory problems, clean blood, damaged blood, diabetes, diuretic, eliminate excess bile, emmenagogue, excessive vaginal fluid, feminine discomforts, fractures, galactagogue, gallbladder, heart, heart afflictions, heart pain, hernia, hypoglycemic agent, iron deficiency, jaundice, kidney, knee pain, liver, liver inflammation, menstrual colic, menstrual cramps, menstrual discomfort, menstrual disorder, muscle pain, nephritis, ovarian inflammation, pains, prostate, purify blood, refreshing, regulate menstruation, rheumatism, sedative, scurvy, stimulant, stimulate menstruation, stimulating, stop hemorrhages, tiredness, tonic, treat the heart, tumors, urinary system, urine retention, uterine flow, vitality, weakness, weakness of heart.
No category	Abortive, abscesses, amygdala, analgesic, anger attack, astringent, bladder pain, bruises, burning eyes, burns, calming, cleansing, contraceptive, convalescents, cramps, cure fright, cystic ulcerations, deafness, depression, difficulty breathing, dropsy, epilepsy, external inflammation, facial scars, facilitate childbirth, fainting, female fertility, growths, haemostatic, hallucinogen, hangover, headache, heal the navel, hemorrhoids, hysteria, increase talking process of children, inflammation, insomnia, intoxications, irritation, jitters, mosquito bites, narcotic, nerves, nervous afflictions, nervous attacks, nervousness, pains after childbirth, postpartum afflictions, pregnancy, purgative, purify, purify body, skin irritation, skin problems, spasms, stimulate cutaneous functions, stop bleeding, snakebite, stress, “tabardillo,” wash and soften the face, vaginal labial inflammation, vaginal washes, varicose veins, vertigo, vision problems, wound healing, wounds

**Supplementary Table 2:** §Ailments derived from texts [5,13]