

Supplementary materials

Table S1. Explanation of the Hmong names of diseases and symptoms (translated from Thai language) related to infections.

Translated epic sickness/diseases	Symptom(s) mentioned by informants
Abscess	Start with having a hard red pimple, pain, then having pus
Anthelminthic	Skinny child, sometimes feel anal irritation
Anti-body infections	Use for preventing general microbial infections
Athlete's foot	Itchy between toes, normally occurs after walk in wet a
Chickenpox	Having fever associated with having small blisters entire body, especially on faces, mostly in children, rare cases in adults. Adults usually get scars after recovery.
Cold	Having cough, sore throat, sneeze, nasal mucus, sometimes fever, high chance if exposed in rain or seasonal change.
Cystitis	Having sore when urinate, rare cases having slightly reddish urine.
Dermatophytosis	Having a circular area of itchy on skin, sometimes on head, the rash lasts for several weeks-months.
Dermatosis	Having rash on skin, the affected areas of the skin showed different signs, but different from dermatophytosis, somebody has it for one day while someone has it longer (weeks or months)
Fever	Having high body temperature and feel feverish (sometimes having a headache).
Foot dermatosis	Having itchy on foot skin, normally after walking in wet areas or wearing wet shoes.
Fungal skin infection	Similar symptom with dermatophytosis but a few informants called like this.
Gonorrhea	Having pus (white or clear) at the tip of penis or vagina
Herpes	Having sore blisters on skin, usually found on mouth, penis, or vagina.
Inflammation wounds	Pus in wounds, sometimes chronic.
Leukorrhea	Having small yellow-white vaginal discharge, sometimes having vaginal sores/itching.
Lice	Having lice infestation on head skin or hair.
Malaria	Having fever and flu-like symptoms, shaking chill, and muscle pain.
Measles	Having small red dots on skin, white-greyish dot in mouth cavity, flu-like symptoms.
Mumps	Having fever, pains around jaws under ears and found small hard pieces of muscles at the pain areas, muscle pains
Otitis	Having clear or whitish liquid in ear, sometimes pain
Pneumonia	Having cough, tight chest, short breaths, fever
Polio	Having abdominal pain, bored with food, fatigue, having small arm/leg muscles.
Pus	Having white-yellow fluid on skin, especially around wounds
Rabies	Be bitten by a dog or cat, having fever, feeling itchy around wounds, trying to avoid touching water.
Rotten wounds	Chronic wounds
Scabies	Having small red or clear rash on skin, usually occurs at armpits, between fingers/toes.
Tuberculosis	Having chronic cough (sometimes with blood), having tight chest when cough, weight loss, fatigue, bored with food.
Venereal diseases	Unspecified venereal diseases, in general the informants included symptoms of AIDS, syphilis, gonorrhea, and other related diseases in this term.

Table S2. Use Value (UV), uses, and data sources of ethnomedicinal plants used for treatment of infectious disorders by Thai Hmong in 25 studied villages.

Plants of the world	UV	Treated symptoms	Source	Voucher No.
Acanthaceae				
<i>Andrographis paniculata</i> (Burm.f.) Nees	0.04	Gonorrhea	1	
<i>Dicliptera chinensis</i> (L.) Juss.	0.04	Fever	2	
<i>Eranthemum tetragonum</i> Wall. ex Nees	0.08	Abscess	Field study	649
<i>Phlogacanthus curviflorus</i> (Nees) Nees	0.08	Fever, scabies	2	
<i>Pseuderanthemum latifolium</i> (Vahl) B.Hansen	0.08	Abscess	Field study	870
<i>Rhinacanthus nasutus</i>	0.04	Dermatophytosis	1	
<i>Sanchezia oblonga</i> Ruiz & Pav.	0.04	Fever	Field study	879, 930
<i>Sanchezia speciosa</i> Leonard	0.04	Fever	1	
<i>Strobilanthes cusia</i> (Nees) Kuntze	0.68	Cold, Fever	Field study 3, 4	613, 871, 1055
<i>Thunbergia laurifolia</i> Lindl.	0.08	Fever, Tuberculosis	5, 6	
Acoraceae				
<i>Acorus calamus</i> L.	0.20	Fever, Pneumonia	Field study 7	764
<i>Acorus gramineus</i> Aiton	0.12	Fever	Field study 1	963, 705
Actinidiaceae				
<i>Saurauia roxburghii</i> Wall.	0.16	Fever, Malaria, Pus	Field study 2, 8	
Amaranthaceae				
<i>Achyranthes aspera</i> L.	0.04	Leucorrhea	1	

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Plants of the world	UV	Treated symptoms	Source	Voucher No.
Amaranthaceae				
<i>Alternanthera bettzickiana</i> (Regel) G.Nicholson	0.08	Fever	Field study	747, 883
<i>Celosia argentea</i> L.	0.08	Anthelminthic, Measles	2	
<i>Cyathula prostrata</i> (L.) Blume	0.16	Dermatophytosis, Pus, Dermatophytosis	Field study 6	
Amaryllidaceae				
<i>Allium sativum</i> L.	0.04	Dermatophytosis	3	
<i>Crinum</i> × <i>amabile</i> Donn ex Ker Gawl.	0.04	Abscess	Field study	855
<i>Crinum asiaticum</i> L.	0.04	Pus	2	
<i>Zephyranthes rosea</i> Lindl.	0.04	Fever	8	
Anacardiaceae				
<i>Rhus chinensis</i> Mill.	0.08	Chickenpox, Fever	2, 3	
Apiaceae				
<i>Anethum graveolens</i> L.	0.52	Chickenpox, Fever	Field study	676
<i>Centella asiatica</i> (L.) Urb.	0.08	Chickenpox, Measles	Field study 2	979, 1057
<i>Coriandrum sativum</i> L.	0.12	Cold, Fever, Measles	3	
<i>Eryngium foetidum</i> L.	0.08	Fever, Malaria	Field study 9	711
Apocynaceae				
<i>Cynanchum acidum</i> (Roxb.) Oken	0.04	Scabies	1	
<i>Tabernaemontana bovina</i> Lour.	0.04	Gonorrhea	6	
<i>Tabernaemontana divaricata</i> (L.) R.Br. ex Roem. & Schult.	0.04	Abscess	Field study	875
Araceae				
<i>Aglaonema modestum</i> Schott ex Engl.	0.12	Abscess	Field study	667
<i>Alocasia cucullata</i> (Lour.) G.Don	0.12	Fever, Pus, Rotten wounds	2, 3	
<i>Alocasia macrorrhizos</i> (L.) G.Don	0.08	Abscess, Rotten wounds	3	
<i>Colocasia esculenta</i> (L.) Schott	0.04	Tuberculosis	10	
<i>Pothos chinensis</i> (Raf.) Merr.	0.08	Fever	1, 3	
Asparagaceae				
<i>Dracaena roxburghiana</i> (Schult. & Schult.f.) Byng & Christenh.	0.04	Fever	3	
<i>Peliosanthes teta</i> Andrews	0.04	Cold	2	
Asphodelaceae				
<i>Aloe vera</i> (L.) Burm.f.	0.08	Fever, Rabies	2	
Aspleniaceae				
<i>Diplazium esculentum</i> (Retz.) Sw.	0.04	Fever	11	
Asteraceae				
<i>Ageratum conyzoides</i> L.	0.24	Cold, Fever	Field study 2, 3, 12	951, 974
<i>Artemisia indica</i> Willd.	0.04	Malaria	Field study	
<i>Artemisia pallens</i> Wall. ex DC.	0.04	Fever	13	
<i>Artemisia verlotiorum</i> Lamotte	0.08	Fever	3	
<i>Artemisia vulgaris</i> L.	0.24	Fever	Field study 3	
<i>Aster indicus</i> L.	0.08	Fever	Field study 3	
<i>Bidens biternata</i> (Lour.) Merr. & Sherff	0.24	Chickenpox Fever	Field study	645
<i>Bidens pilosa</i> L.	0.20	Cold, Fever	1, 2, 3, 9	
<i>Blumea balsamifera</i> (L.) DC.	0.12	Fever Malaria	Field study 2	795
<i>Blumea flava</i> DC.	0.04	Fever	Field study	938
<i>Chromolaena odorata</i> (L.) R.M.King & H.Rob.	0.12	Anti-body infections, Fever, Malaria	Field study 2, 5	624, 970
<i>Cyanthillium cinereum</i> (L.) H.Rob.	0.16	Chickenpox, Fever, Herpes	3, 6, 9	
<i>Duhaldea cappa</i> (Buch.-Ham. ex D.Don) Pruski & Anderb.	0.08	Fever, Inflammation wounds	Field study	695, 939
<i>Elephantopus scaber</i> L.	0.04	Cold	2	
<i>Laggera crispata</i> (Vahl) Hepper & J.R.I.Wood	0.08	Cold, Fever	Field study 1	614
<i>Microglossa pyrifolia</i> (Lam.) Kuntze	0.08	Abscess, Pneumonia	Field study	1000
<i>Monosis parishii</i> (Hook.f.) H.Rob. & Skvarla	0.16	Fever	Field study	756, 968
<i>Sphagneticola trilobata</i> (L.) Pruski	0.12	Foot dermatitis	Field study	620, 925
<i>Tithonia diversifolia</i> (Hemsl.) A.Gray	0.08	Dermatosis, Fever	5, 9	

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Plants of the world	UV	Treated symptoms	Source	Voucher No.
Balsaminaceae				
<i>Impatiens balsamina</i> L.	0.04	Fever	Field study	912
Basellaceae				
<i>Basella alba</i> L.	0.04	Abscess	Field study	611, 723
Bignoniaceae				
<i>Millingtonia hortensis</i> L.f.	0.08	Fever, Malaria	2	
<i>Oroxylum indicum</i> (L.) Kurz	0.16	Fever, Malaria, Pneumonia	Field study 2	1039
Brassicaceae				
<i>Raphanus raphanistrum</i> subsp. <i>sativus</i> (L.) Domin	0.04	Anthelmintic	9	
Bromeliaceae				
<i>Ananas comosus</i> (L.) Merr.	0.04	Fever	8	
Caprifoliaceae				
<i>Lonocera macrantha</i> (D.Don) Spreng.	0.04	Malaria	2	
Caricaceae				
<i>Carica papaya</i> L.	0.08	Fever	3	
Caryophyllaceae				
<i>Drymaria diandra</i> Blume	0.08	Fever, Malaria	3	
Chloranthaceae				
<i>Chloranthus elatior</i> Link	0.08	Fever, Measles	2, 3	
Combretaceae				
<i>Terminalia bellirica</i> (Gaertn.) Roxb.	0.04	Athlete's foot	14	
Commelinaceae				
<i>Tradescantia zebrina</i> Bosse	0.08	Fever, Herpes	Field study 3	799, 959
Convolvulaceae				
<i>Cuscuta reflexa</i> Roxb.	0.08	Fever, Malaria	2	
Costaceae				
<i>Hellenia speciosa</i> (J.Koenig) S.R.Dutta	0.12	Abscess, Fever, Otitis	Field study 3	642, 841, 947
Crassulaceae				
<i>Kalanchoe pinnata</i> (Lam.) Pers.	0.20	Abscess, Dermatophytosis, Fever, Inflammation wounds	Field study 3	709, 917
<i>Sedum sarmentosum</i> Bunge	0.04	Fever	3	
Cucurbitaceae				
<i>Coccinia grandis</i> (L.) Voigt	0.04	Fever	10	
<i>Cucumis maderaspatanus</i> L.	0.04	Athlete's foot	6	
<i>Cucurbita moschata</i> Duchesne	0.04	Pus	3	
<i>Lagenaria siceraria</i> (Molina) Standl.	0.04	Pus	6	
<i>Luffa cylindrica</i> (L.) M.Roem.	0.04	Pus	15	
<i>Trichosanthes tricuspidata</i> Lour.	0.04	Pneumonia	Field study	647
<i>Zehneria odorata</i> (Hook.f. & Thomson ex Benth.) M.D.Dwivedi, A.K.Pandey & H.Schaef.	0.04	Dermatophytosis	14	
Cyperaceae				
<i>Carex baccans</i> Nees	0.04	Chickenpox	Field study	1022
<i>Cyperus brevifolius</i> (Rottb.) Hassk.	0.08	Fever, Malaria	15	
<i>Cyperus mindorensis</i> (Steud.) Huygh	0.04	Fever	3	
<i>Scleria poiformis</i> Retz.	0.04	Chickenpox	Field study	641
Dilleniaceae				
<i>Dillenia parviflora</i> Griff.	0.04	Pus	9	
Dioscoreaceae				
<i>Dioscorea pentaphylla</i> L.	0.04	Fungal skin infection	2	
<i>Tacca chantrieri</i> André	0.08	Fever, Mumps	Field study 6	690, 810
Elaeagnaceae				
<i>Elaeagnus latifolia</i> L.	0.04	Chickenpox	Field study	929
<i>Equisetum ramosissimum</i> var. <i>huegelii</i> (Milde) Christenh. & Husby	0.08	Otitis	Field study	619
Euphorbiaceae				
<i>Homonoia riparia</i> Lour.	0.04	Herpes	6	

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Euphorbiaceae				
<i>Jatropha curcas</i> L.	0.16	Foot dermatitis, Inflammation wounds, Pus	Field study 6	616, 727
<i>Mallotus barbatus</i> Müll.Arg.	0.08	Gonorrhoea, Inflammation wounds	1, 6	
<i>Ricinus communis</i> L.	0.12	Anti-body infections, Otitis	Field study 5	728
Fabaceae				
<i>Adenantha pavonina</i> L.	0.04	Fever	3	
<i>Biancaea sappan</i> (L.) Tod.	0.36	Chickenpox, Fever	Field study 1	NA
<i>Derris elliptica</i> (Wall.) Benth.	0.08	Gonorrhoea, Lice killing	6	
<i>Leucaena leucocephala</i> (Lam.) de Wit	0.04	Fever	9	
<i>Mezoneuron hymenocarpum</i> Wight & Arn. ex Prain	0.04	Gonorrhoea	6	
<i>Mimosa pudica</i> L.	0.08	Fever, Gonorrhoea	Field study 6	602, 745
<i>Psophocarpus tetragonolobus</i> (L.) DC.	0.12	Chickenpox, Fever	Field study 3	778
<i>Pterocarpus macrocarpus</i> Kurz	0.04	Athlete's foot	6	
<i>Senegalia pennata</i> (L.) Maslin	0.04	Anthelminthic	9	
<i>Senegalia rugata</i> (Lam.) Britton & Rose	0.04	Dermatosis	11	
<i>Senna alata</i> (L.) Roxb.	0.12	Abscess, Dermatophytosis	3	
<i>Tadehagi triquetrum</i> (L.) H. Ohashi	0.04	Anthelminthic	2	
<i>Tamarindus indica</i> L.	0.08	Anthelminthic, Pus	1, 11	
<i>Uraria crinita</i> (L.) Desv. ex DC.	0.04	Dermatosis	6	
Gelsemiaceae				
<i>Gelsemium elegans</i> (Gardner & Champ.) Benth.	0.12	Dermatophytosis, Tuberculosis, Venereal disease	3	
Hypoxidaceae				
<i>Curculigo latifolia</i> Dryand. ex W.T.Aiton	0.04	Fever	Field study	638, 692
Lamiaceae				
<i>Callicarpa bodinieri</i> H.Lév.	0.04	Chickenpox	Field study	1038, 1009
<i>Callicarpa rubella</i> Lindl.	0.04	Venereal disease	3	
<i>Clerodendrum glandulosum</i> Lindl.	0.16	Foot dermatitis	Field study	978
<i>Glechoma hederacea</i> L.	0.04	Cold	3	
<i>Gmelina arborea</i> Roxb. ex Sm.	0.08	Dermatophytosis	3	
<i>Leonurus japonicus</i> Houtt.	0.04	Fever	6	
<i>Melissa officinalis</i> L.	0.12	Fever	Field study	783
<i>Mentha × villosa</i> Huds.	0.08	Cold, Fever	9, 10	
<i>Ocimum basilicum</i> L.	0.08	Fever, Fungal skin infection	2, 10	
<i>Ocimum gratissimum</i> L.	0.04	Cold	2	
<i>Perilla frutescens</i> (L.) Britton	0.04	Fever	1	
<i>Rothea serrata</i> (L.) Steane & Mabb.	0.12	Anthelminthic, Fever, Malaria	2	
<i>Scutellaria incurva</i> Wall.	0.04	Cold	15	
<i>Teucrium viscidum</i> Blume	0.32	Chickenpox, Fever	Field study 3, 6	1052
Lauraceae				
<i>Phoebe lanceolata</i> (Nees) Nees	0.04	Pus	2	
Linderniaceae				
<i>Bonnaya ruellioides</i> (Colsm.) Spreng.	0.12	Abscess	Field study 3	669
<i>Picria fel-terrae</i> Lour.	0.04	Dermatosis	Field study 3	668, 856
Loganiaceae				
<i>Strychnos axillaris</i> Colebr.	0.04	Gonorrhoea	6	
Loranthaceae				
<i>Scurrula parasitica</i> L.	0.04	Tuberculosis	6	
Malvaceae				
<i>Helicteres elongate</i> Wall. ex Mast.	0.08	Fever, Lice killing	9, 14	
<i>Hibiscus sabdariffa</i> L.	0.08	Abscess, Anthelminthic	Field study 9	621, 821
<i>Sida rhombifolia</i> L.	0.04	Abscess	Field study	863
<i>Triumfetta rhomboidea</i> Jacq.	0.04	Fever	2	
<i>Urena lobata</i> L.	0.12	Chickenpox, Cold, Gonorrhoea	Field study 1, 3	627
Marantaceae				
<i>Maranta arundinacea</i> L.	0.04	Fever	3	
Marattiaceae				
<i>Angiopteris evecta</i> (G.Forst.) Hoffm.	0.08	Fever, Pus	Field study 6	

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Melastomataceae				
<i>Melastoma malabathricum</i> L.	0.04	Chickenpox	Field study	768
<i>Osbeckia stellata</i> Buch.-Ham. ex D.Don	0.04	Chickenpox	Field study	941
Meliaceae				
<i>Toona sinensis</i> (Juss.) M.Roem.	0.20	Chickenpox, Cold, Measles	3	
Menispermaceae				
<i>Cissampelos hispida</i> Forman	0.08	Anthelmintic, Fever	2	
Moraceae				
<i>Broussonetia papyrifera</i> (L.) L'Hér. ex Vent.	0.04	Inflammation wounds	6	
<i>Morus alba</i> L.	0.04	Fever	11	
<i>Morus macroura</i> Miq.	0.08	Abscess, Pus	3	
Musaceae				
<i>Musa acuminata</i> Colla	0.04	Fever	2	
Myrtaceae				
<i>Psidium guajava</i> L.	0.04	Malaria	2	
Nyctaginaceae				
<i>Mirabilis jalapa</i> L.	0.04	Leucorrhea	3	
Orchidaceae				
<i>Strongylaria pannea</i> (Lindl.) Schuit., Y.P.Ng & H.A.Pedersen	0.04	Fever	Field study	995
Orobanchaceae				
<i>Aeginetia indica</i> L.	0.12	Otitis	Field study	648, 949
Oxalidaceae				
<i>Oxalis corniculata</i> L.	0.04	Fever	12	
Pandanaceae				
<i>Pandanus furcatus</i> Roxb.	0.04	Fever	2	
Phyllanthaceae				
<i>Breynia bicolor</i> (Craib) Chakrab. & N.P.Balacr.	0.04	Cold	15	
<i>Breynia villosa</i> (Blanco) Welzen & Pruesapan	0.08	Inflammation wounds	Field study	843
<i>Phyllanthus emblica</i> L.	0.04	Fever	14	
<i>Phyllanthus microcarpus</i> (Benth.) Müll.Arg.	0.12	Fever	Field study	653
Piperaceae				
<i>Piper sarmentosum</i> Roxb.	0.04	Fever	2	
Plantaginaceae				
<i>Plantago major</i> L.	0.20	Cold, Fever, Pneumonia	Field study 2, 3, 15	737, 825
<i>Scoparia dulcis</i> L.	0.04	Malaria	2	
Plumbaginaceae				
<i>Plumbago zeylanica</i> L.	0.16	Foot dermatitis, Malaria	Field study 2, 3	741, 777
Poaceae				
<i>Coix lacryma-jobi</i> L.	0.08	Anthelmintic	3, 5	
<i>Imperata cylindrica</i> (L.) P.Beauv.	0.20	Chickenpox, Fever, Venereal disease	Field study 9	631
<i>Oryza meyeriana</i> (Zoll. & Moritzi) Baill.	0.04	Gonorrhea	6	
Polygonaceae				
<i>Fagopyrum cymosum</i> (Trevir.) Meisn.	0.04	Abscess	3	
<i>Persicaria barbata</i> (L.) H.Hara	0.04	Malaria	2	
<i>Persicaria chinensis</i> (L.) H.Gross	0.20	Abscess, Anthelmintic, Pus	Field study 2, 6	600, 848
<i>Rumex crispus</i> L.	0.04	Abscess	3	
Primulaceae				
<i>Embelia sessiliflora</i> Kurz	0.04	Fever	12	
<i>Lysimachia christinae</i> Hance	0.08	Abscess	Field study 3	702, 914
<i>Maesa lanceolata</i> Forssk.	0.04	Dermatophytosis	3	
<i>Maesa montana</i> A.DC.	0.04	Fever	13	
Pteridaceae				
<i>Adiantum erylliae</i> Tardieu & C.Chr.	0.04	Anti-body infections	5	
<i>Pteris semipinnata</i> L.	0.04	Fever	2	
Ranunculaceae				
<i>Clematis smilacifolia</i> Wall.	0.04	Gonorrhea	3	

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Rhamnaceae				
<i>Gouania leptostachya</i> DC.	0.08	Abscess, Leucorrhea	3	
Rosaceae				
<i>Agrimonia pilosa</i> Ledeb.	0.08	Foot dermatitis	Field study	798
Rosaceae				
<i>Prunus persica</i> (L.) Batsch	0.08	Malaria	2, 6	
<i>Rubus alceifolius</i> Poir.	0.04	Fever	6	
<i>Rubus sumatranus</i> Miq.	0.04	Fever	Field study	988
Rubiaceae				
<i>Dimetia capitellata</i> (Wall. ex G.Don) Neupane & N.Wikstr.	0.04	Fever	12	
<i>Morinda angustifolia</i> Roxb.	0.08	Cold Rotten wounds	2, 3	
<i>Mussaenda pubescens</i> Dryand.	0.04	Malaria	2	
<i>Mussaenda sandariana</i> Ridl.	0.04	Cystitis	12	
<i>Mycetia gracilis</i> Craib	0.04	Malaria	2	
<i>Paederia pilifera</i> Hook.f.	0.28	Fever, Foot dermatitis, Malaria	Field study 2, 3	626, 864
<i>Schizomussaenda henryi</i> (Hutch.) X.F.Deng & D.X.Zhang	0.04	Chickenpox	3	
Rutaceae				
<i>Citrus aurantifolia</i> (Christm.) Swing	0.04	Pus	6	
<i>Citrus maxima</i> (Burm.) Merr.	0.16	Fever, Malaria	Field study 2	NA
<i>Clausena excavata</i> Burm.f.	0.20	Fever, Malaria	3	
<i>Clausena wallichii</i> Oliv.	0.12	Fever	Field study	762
<i>Melicope glomerata</i> (Craib) T.G.Hartley	0.16	Cold, Fever, Malaria	2, 15	
<i>Melicope peleifolia</i> (Champ. ex Benth.) T.G.Hartley	0.04	Malaria	1	
<i>Zanthoxylum acanthopodium</i> DC.	0.04	Fever	13	
Santalaceae				
<i>Viscum articulatum</i> Burm.f.	0.04	Malaria	2	
Sapindaceae				
<i>Cardiospermum halicacabum</i> L.	0.04	Dermatophytosis	3	
Saururaceae				
<i>Houttuynia cordata</i> Thunb.	0.56	Venereal diseases, Cold, Fever, Malaria, Pneumonia	Field study 2, 3, 6, 12	753
Scrophulariaceae				
<i>Buddleja asiatica</i> Lour.	0.20	Fever, Gonorrhoea, Pus, Venereal disease	Field study 1, 3, 9	1005
Selaginellaceae				
<i>Selaginella willdenowii</i> (Desv.) Baker	0.04	Dermatophytosis	3	
Simaroubaceae				
<i>Brucea mollis</i> Wall. ex Kurz	0.08	Anthelmintic, Fungal skin infection	2	
Smilacaceae				
<i>Smilax ovalifolia</i> Roxb. ex D.Don	0.08	Abscess	Field study 3	
Solanaceae				
<i>Datura metel</i> L.	0.04	Pus	9	
<i>Physalis angulata</i> L.	0.04	Pus	2	
<i>Solanum americanum</i> Mill.	0.04	Fever	Field study	736, 878
<i>Solanum erianthum</i> D.Don	0.12	Fever	Field study 12	604
<i>Solanum stramonifolium</i> Jacq.	0.04	Pus	15	
<i>Solanum torvum</i> Sw.	0.08	Abscess, Fever	10, 11	
Stemonaceae				
<i>Stemona tuberosa</i> Lour.	0.08	Lice, Polio	1, 2	
Urticaceae				
<i>Boehmeria nivea</i> (L.) Gaudich.	0.04	Abscess	3	
<i>Debregeasia longifolia</i> (Burm.f.) Wedd.	0.04	Dermatophytosis	3	
<i>Leucosyke puya</i> (Hook.) den Baaker & Mabb.	0.04	Fever	2	
<i>Procris repens</i> (Lour.) B.J.Conn & Hadiah	0.20	Abscess, Pus	Field study 3, 6	661

Table S2. Use Value (UV), uses, and data sources of ethnomedicinal plants used for treatment of infectious disorders by Thai Hmong in 25 studied villages. (Cont.)

Plants of the world	UV	Treated symptoms	Source	Voucher No.
Verbenaceae				
<i>Stachytarpheta indica</i> (L.) Vahl	0.04	Pus	8	
<i>Verbena officinalis</i> L.	0.52	Athlete's foot, Dermatophytosis, Fever, Foot dermatitis, Fungal skin infection, Malaria, Scabies	Field study 2, 3, 6	605, 794
Viburnaceae				
<i>Sambucus canadensis</i> L.	0.04	Fever	Field study	655, 994
<i>Sambucus javanica</i> Reinw. ex Blume	0.08	Fever, Malaria	Field study 2	868
Violaceae				
<i>Viola yunnanensis</i> W.Becker & H.Boissieu	0.04	Abscess	3	
Vitaceae				
<i>Causonis japonica</i> (Thunb.) Raf.	0.04	Abscess	Field study	664, 985
<i>Cissus discolor</i> Blume	0.16	Abscess, Dermatophytosis	Field study 3	662, 805
<i>Cissus hastata</i> Miq.	0.04	Pus	1	
<i>Cissus repens</i> Lam.	0.04	Abscess	Field study	847
<i>Leea indica</i> (Burm.f.) Merr.	0.16	Fever, Inflammation wounds, Pus	Field study 6	973
Zingiberaceae				
<i>Alpinia galanga</i> (L.) Willd.	0.04	Dermatophytosis	3	
<i>Etilingera elatior</i> (Jack) R.M.Sm.	0.04	Cold	6	
<i>Kaempferia rotunda</i> L.	0.08	Abscess	Field study	788, 816
<i>Zingiber officinale</i> Roscoe	0.08	Fever, Pus	1, 12	
<i>Zingiber purpureum</i> Roscoe	0.16	Chickenpox, Cold, Fever	Field study 3	772, 876

Source

1. Imchan T. Hmong's wisdom in the utilization and conservation of medicinal plants in Bo Phak Subdistrict Chattrakarn District Phitsanulok Province [Master Thesis]. Naresuan University Library: Naresuan University; 2006.
2. Anderson EF. Plants and people of the Golden Triangle: Ethnobotany of the hill tribes of northern Thailand; 1993.
3. Srithi K. Comparative ethnobotany in Nan Province, Thailand [PhD thesis]. Chiang Mai University: Chiang Mai University; 2012.
4. Pipitkul S. Medicinal plant utilization for the living of hill tribes at Doi Musoe, Tak Province [Master thesis]. Mahidol University Library and Knowledge Center: Mahidol University; 2001.
5. Yarnvudhi A, Sungkaew S, Hermhuk S, Sunthornhao P, Onprom S. Plant diversity and utilization on ethnobotany of local people at Hmong Doi Pui Village in Doi Suthep-Pui National Park, Chiang Mai. Thai Journal of Forestry. 2016;35(3):136-46.
6. Nuamnee A. Ethnobotany of Hmong in Ban Pang Chang, Tambon Pong, Amphoe Santisuk, Changwat Nan [Master Thesis]. Chulalongkorn University: Chulalongkorn University; 2012.
7. Pongsattayapipat R. Ethnobotany of the white Hmong at Chang Kian Village, Chiang Mai. Chiang Mai University: Chiang Mai University; 1992.
8. Srisanga P. Ethnobotanical study of the Hmong Lai at Mae Sa Mai Village, Chiang Mai. Chiang Mai: Chiang Mai University; 1993.
9. Tichachart C. Ethnobotany of Hmong hilltribe in Tambon Kheknoi, Amphur Khaokor, Changwat Phetchabun [Master Thesis]. Kasetsart University Library: Kasetsart University; 2004.
10. Gunsuwan P. Processes of transferring local wisdom on management of medicinal herbs diversity for traditional healing of Hmong community: A case study of Khun Chang Khian Village, Chang Phueak Sub-district, Mueang Chiang Mai District [Master Thesis]. Chiang Mai University Library: Chiang Mai University; 2011.
11. Noitana P, Saipara S, Khoomput K. Ethnobotany of the Hmong at Nanoi District, Nan Province. Naresuan Phayao Journal. 2013;6(3):7.
12. Tovaranonte J. Ethnobotanical study of the Tai Lue, Hmong and Yao in some areas of Nan Province [Master Thesis]. Chiang Mai University Library: Chiang Mai University; 1998.
13. Trisonthi C, Trisonthi P, Sookchot T. Ethnobotany of Karen, Khun Pae Village and Hmong, Khun Klang and Khun Yuam Villages. Chiang Mai University; 2003.
14. Krueasan D. Management, conservation and utilization of plant species by Hmong of Pah Poo Chom Village, Mae Taeng District, Chiang Mai Province [Master Thesis]. Chiang Mai University Library: Chiang Mai University; 2000.
15. Chaunchom P. Ethnobotany of Hmong at Ban Tabboek, Tambon Wangban, Amphoe Lomkao, Changwat Phetchabun [Master Thesis]. Kasetsart University Library: Kasetsart University; 2011.