

Kashung S, Gajurel PR, Singh B. Ethnobotanical uses and socio-economic importance of climbing species in Arunachal Pradesh, India. Plant Science Today. 2020;7(3):371-377. <https://doi.org/10.14719/pst.2020.7.3.771>

Supplementary Table 1. Ethnobotanical uses of climbing plants of Papum Pare district of Arunachal Pradesh

Sl. no.	Bot. name with family	Voucher no. with date of collection	Local name	Habit and climbing mechanism	Flowering and fruiting	Part(s) and Uses	Market price in Rs.
1.	<i>Abrus precatorius</i> L. [Fabaceae]	Soyala K 152 1/11/2017	Raho (N)	Twiner (L)	Aug-Dec.	Decoction of leaves and roots are taken orally as abortifacient.	-
2.	<i>Acacia pennata</i> (L.) Willd. [Fabaceae]	Soyala K 169 30/3/2018	Tappa pad (Hm); Kuchai (Ap)	Scrambler (L)	April-Nov	Whole plant are crushed and used as fish poison.	-
3.	<i>Actinidia callosa</i> Lindl. [Actinidiaceae]	Soyala K 159 1/2/2018	Yogin (N); Bahu (L)	Rambler (L)	Oct-Feb	Fruits edible.	-
4.	<i>Anamirta cocculus</i> (L.) Wight & Arn. [Menispermaceae]	Soyala K 161 6/2/2018	Kaka-mari (Hm)	Twiner (L)	Sept-March	Fruits are crushed and used as fish poison.	-
5.	<i>Argyrea nervosa</i> (Burm. f.) Bojer [Convolvulaceae]	Soyala K 150 16/10/2017	Nabiataer (N)	Twiner (H)	Sept-Feb	Exudate from the plant are applied for treating lip sore (cold sore)	-
6.	<i>Asparagus racemosus</i> Willd. [Asparagaceae]	Soyala K 115 18/6/2016		Twiner (L)	Not observed	Juice from crushed root taken orally for diarrhea and dysentery.	-
7.	<i>Bauhinia scandens</i> L. [Fabaceae]	Soyala K 165 10/2/2018	Rubum (N)	Tendrils (L)	Aug-Jan	Bark as rope for bags and taos (local knives)	-
8.	<i>Caesalpinia cucullata</i> Roxb. [Fabaceae]	Soyala K 171 30/3/2018	Pani Pging, Traw (N)	Scrambler (L)	Oct-Feb	Leaves and seeds are eaten for stomach and body ache.	-
9.	* <i>Calamus flagellum</i> Griff. ex Mart. [Arecaceae]	Soyala K 099 2/6/2016	Tar (N); Jeying (A)	Scrambler (L)	April-July	Leaves for roofing, stem for rope, young stem are cooked and consumed as vegetable, fruits edible.	Stem 50-70 /2 m
10.	<i>Calamus leptospadix</i> Griff. [Arecaceae]	Soyala K 142 14/4/2017	Chukhili (L)	Scrambler (L)	Not observed	Stem for making basket and other handicrafts, ropes.	-
11.	* <i>Calamus tenuis</i> Roxb. [Arecaceae]	Soyala K 127 8/4/2017	Chukhili (L)	Scrambler (L)	Oct-April	Stem for making baskets and other handicrafts, ropes.	Stem 200-300 /10 m
12.	<i>Croton caudatus</i> Geiseler [Euphorbiaceae]	Soyala K 105 2/6/2016	Lota-mahudi (C)	Twiner (L)	May-Aug	Root extract taken orally for dysentery.	-

13.	<i>Cuscuta reflexa</i> Roxb. [Convolvulaceae]	Soyala K 055 20/8/2015	Aying-eeli (A)	Twiner (H)	Oct-March	Whole plant for cleansing bowel movement.	-
14.	<i>Dalhousiea bracteata</i> (Roxb.) Benth. [Fabaceae]	Soyala K 113 10/6/2016	Yorkkokkusuk (Hm)	Twiner (L)	June-July	Leaves used as wrapper for local cigarette.	-
15.	* <i>Dioscorea alata</i> L. [Dioscoreaceae]	Soyala K 155 6/11/2017	Ogut, Mayong (A), Kesdugoch (As)	Twiner (H)	Aug-Oct	Tubers are cooked and consumed as vegetable.	Tuber 180-200/kg
16.	* <i>Dioscorea bulbifera</i> L. [Dioscoreaceae]	Soyala K 107 2/6/2016	Remet (A)	Twiner (H)	Aug-Sept	Tubers are cooked and consumed as vegetable, for indigestion, diarrhea and as anthelmintic	Tuber 80-100/kg
17.	* <i>Dioscorea esculenta</i> (Lour.) Burkill [Dioscoreaceae]	Soyala K 177 27/4/2018	Ingin tap (G)	Twiner (H)	May-July	Tuber are cooked and consumed as vegetable.	Tuber 100-120/kg
18.	* <i>Dioscorea pentaphylla</i> L. [Dioscoreaceae]	Soyala K 153 6/11/2017	Yazeng pep (N); Sikhun (L)	Twiner (H)	Oct-Nov	Tuber are boiled and eaten during delivery for regaining health, as vegetable.	Tuber 120-150/kg
19.	<i>Entada phaseoloides</i> (L.) Merr. [Fabaceae]	Soyala K 131 13/4/2017	Tech pobar (N)	Twiner (L)	May-Sept	Stem and leaves paste as poultice for bone fracture.	-
20.	<i>Hedyotis scandens</i> Roxb. [Rubiaceae]	Soyala K 087 15/4/2016	Hyluli, Horum- horam (N); Sabeen Kajin (A)	Twiner (H)	April-June	Juice from stem applied for eye ailments; pounded heated stem applied for toothache, stem juice for fever; leaves as poultice for bone fracture.	-
21.	<i>Hodgsonia heteroclita</i> (Roxb.) Hook. f. & Thomson [Cucurbitaceae]	Soyala K 023 30/5/2015	Tatar (A)	Tendrill (H)	March-July	Leaves fed to silkworm, seeds roasted and eaten.	-
22.	<i>Holboellia latifolia</i> Wall. [Berberidaceae]	Soyala K 124 7/1/2017		Twiner (L)	May-Oct	Ripe fruits are eaten.	-
23.	* <i>Ipomoea batatas</i> (L.) Lam. [Convolvulaceae]	Soyala K 156 9/11/2017	Egin pegre (Hm); Mali (G)	Twiner (H)	Nov-March	Young leaves are cooked and consumed as vegetable, cooked/raw tuber as veg/edible staple food.	Tuber 80-100/kg
24.	* <i>Lagenaria siceraria</i> (Molina) Standl. [Cucurbitaceae]	Soyala K 163 9/2/2018	Yaju/Pinta (Ap)	Tendrill (H)	June-Nov	Fruit as jar for storage and serving local wine, as ladle; fruit applied on burns.	Fruit 70/piece
25.	<i>Luffa cylindrica</i> (L.) M.Roem. [Cucurbitaceae]	Soyala K 009 2/3/2015	Hey (N)	Tendrill (H)	Aug-Nov	Leaves and fruits are cooked and consumed as vegetable, fruit for scrubbing body and utensils.	-
26.	<i>Mastersia assamica</i> Benth. [Fabaceae]	Soyala K 148 15/9/2017	Rem, Rading (N)	Twiner (L)	Oct-Dec	Paste of young stem applied for cuts/wounds healing; bark for ropes, fibre used as thread for - fishing nets.	-
27.	<i>Mikania micrantha</i> Kunth	Soyala K 095 15/4/2016	Shina taer (N)	Twiner (H)	March-May	Leaf juice applied on wound for blood clotting - and wound healing, crushed leaves used as	-

	[Asteraceae]					poultice for wound, applied as antidote against snake bites.	
28.	<i>Millettia pachycarpa</i> Benth. [Fabaceae]	Soyala K 143 15/4/2017	Shumlu, Hapuling, Toma mopw (N)	Twiner (L)	March-May	Crushed roots are used as fish poison.	-
29.	* <i>Momordica charantia</i> L. [Cucurbitaceae]	Soyala K 041 20/7/2015	Karela (common)	Tendrill (H)	April-Aug	Fruits consumed for stomach problem and reducing blood pressure	Fruit . 60-80/kg
30.	* <i>Momordica dioica</i> Roxb. ex Willd. [Cucurbitaceae]	Soyala K 061 5/10/2015	Keychasshi (N)	Tendrill (H)	Sept-Dec	Fruits consumed as vegetable	Fruit 60-80/kg
31.	<i>Paederia foetida</i> L. [Rubiaceae]	Soyala K 123 3/11/2016	Tapin-rimin (N), Phadobaslodi (Ap)	Twiner (H)	Nov-March	Young shoot decoction/ extract consumed for stomach ache, period cramp, diarrhea, indigestion, gastritis. Young shoot as vegetable for above problem. Crushed leaves applied on body for fever.	-
32.	<i>Pericampylus glaucus</i> (Lam.) Merr. [Menispermaceae]	Soyala K 144 16/4/2017		Twiner (H)	April-Aug	Fibre from stem as rope for tying in house construction.	-
33.	<i>Persicaria chinensis</i> (L.) H. Gross [Polygonaceae]	Soyala K 158 31/1/2018	Tuthiku (N)	Rambler (H)	Jan-Feb	Ripe fruit consumed as fruit.	-
34.	<i>Persicaria nepalensis</i> (Meisn.) Miyabe [Polygonaceae]	Soyala K 119 19/10/2016	Ruri (Ap)	Rambler (H)	July-Nov	Young shoots and leaves cooked and consumed as vegetable.	-
35.	<i>Piper acutistigmum</i> C. DC. [Piperaceae]	Soyala K 080 27/2/2016		Root (H)	Nov-March	Leaf paste applied as poultice for bone fracture	-
36.	<i>Piper betleoides</i> C. DC. [Piperaceae]	Soyala K 106 2/6/2016	Rudak (N) Auni pan (As)	Root (H)	Jan-July	Leaf paste applied to reduce body swelling, poultice for bone fracture.	-
37.	* <i>Piper longum</i> L. [Piperaceae]	Soyala K 072 12/10/2015	Ghi (M); Saturikki (T)	Root (H)	Sept-Feb	Leaves and young shoot paste applied for joint pain.	Fruit 1500-1700/kg
38.	<i>Poikilospermum naucleiflorum</i> (Roxburgh ex Lindl.) Chew [Urticaceae]	Soyala K 129 8/4/2017	Joaktaer (N)	Root (L)	Jan-May	Leaves used for smoking.	-
39.	* <i>Polygonum perfoliatum</i> L. [Polygonaceae]	Soyala K 181 12/5/2018	Posikung (N)	Rambler (H)	March-April	Leaves and young shoot in chutney and curry for sour taste.	Leaves and young shoots 20/bundle
40.	<i>Pothos chinensis</i> (Raf.) Merr. [Araceae]	Soyala K 134 13/4/2017	Anoti (N)	Root (H)	April-June	Leaves warmed over fire are used as poultice in bone dislocation.	-
41.	<i>Pothos longipes</i> Schott [Araceae]	Soyala K 120 3/11/2016	Anoti (N)	Root (H)	Not observed	Warmed leaves as poultice for bone dislocation.	-

42.	<i>Pothos scandens</i> L. [Araceae]	Soyala K 091 15/4/2016	Ridik (N)	Root (H)	April-June	Cooked leaves and young stems consumed for clear bowel movement during constipation; leaves as poultice in bone dislocation.	-
43.	<i>Rhaphidophora decursiva</i> (Roxb.) Schott [Araceae]	Soyala K 132 13/4/2017	Talo Ashings (N); Tachitali (A)	Root (L)	March-May	Fruit as bait for trapping fish; Plants used during festivals to ward off evil spirits.	-
44.	<i>Rhaphidophora lancifolia</i> Schott [Araceae]	Soyala K 103 2/6/2016	Tama (N)	Root (L)	Oct	Bark fibre used for making bow string.	-
45.	* <i>Rubia cordifolia</i> L. [Rubiaceae]	Soyala K 135 13/4/2017	Taming (N)	Rambler (H)	April-Oct	Stems used for dyes, consumed for bronchitis; young shoot consumed for stomach ache; roots chewed for cough and cold, root paste applied for headache.	Dry stem 40/kg
46.	<i>Rubus ellipticus</i> Sm. [Rosaceae]	Soyala K 139, 14/4/2017	Nintcho (N)	Scrambler (L)	March-May	Fruits are edible	-
47.	<i>Rubus lucens</i> Focke [Rosaceae]	Soyala K 137 13/4/2017	Jhejhelu (Ap)	Scrambler (L)	June-Nov	Fruits edible.	-
48.	<i>Rubus paniculatus</i> Sm. [Rosaceae]	Soyala K 098 22/5/2016	Cheche-nimri (N), Taptara (A)	Scrambler (L)	Dec-Feb	Leaves eaten as substitute for <i>Piper betle</i> ; ripe fruits eaten.	-
49.	<i>Rubus praestans</i> H.E. Weber [Rosaceae]	Soyala K 140 14/4/2017	Chechenimri (N)	Scrambler (L)	Sept-Nov	Leaves chewed as substitute of <i>Piper betel</i> ; berries eaten as fruits.	-
50.	<i>Rubus rugosus</i> Sm. [Rosaceae]	Soyala K 164 9/2/2018	Mipir (A)	Scrambler (L)	July-Oct	Ripen fruit edible.	-
51.	<i>Rubus sumatranus</i> Miq. [Rosaceae]	Soyala K 175 27/4/2018	Chikkaq Polla (N)	Scrambler (L)	March-May	Fruits edible.	-
52.	<i>Smilax perfoliata</i> Lour. [Smilacaceae]	Soyala K 138 13/4/2017	Ridik-teer (Hm)	Tendrill (H)	April-Sept	Leaves and roots consumed for urinary trouble.	-
53.	<i>Solena heterophylla</i> Lour. [Cucurbitaceae]	Soyala K 118 7/9/2016	Yazang-pip (N)	Tendrill (H)	July-Oct	Pounded tuber mixed with hot water taken against fever and headache; tuber juice applied on itchy skin.	-
54.	<i>Stephania glandulifera</i> Miers [Menispermaceae]	Soyala K 088 15/4/2016	Teplar, Rabaka (N); Bhimraj (K)	Twinner (H)	Feb-May	Small piece of tuber consumed for relieving pain after child delivery, tuber paste applied on joints against rheumatic arthritis, tuber juice applied to relief inflamed skin; boiled leaves taken against dysentery.	-

55.	<i>Stephania japonica</i> (Thunb.) Miers [Menispermaceae]	Soyala K 173 8/4/2017	Singkutaer, Raba-ka (N)	Twiner (H)	June-Oct	Leaves consumed for cough, stem in dysentery. -
56.	<i>Tetragium serrulatum</i> (Roxb.) Planch. [Vitaceae]	Soyala K 147 19/8/2017	Gehaqaer (N)	Tendrils (L)	May-Aug	Fruits used as fish bait. -
57.	<i>Tinospora sinensis</i> (Lour.) Merr. [Menispermaceae]	Soyala K 093 15/4/2016	Nyamrak (N)	Twiner (H)	Not observed	Dried pounded stem consumed for gastritis, stomach ache, dysentery, pneumonia and fever; leave paste applied on scabies. -
58.	<i>Toddalia asiatica</i> (L.) Lam. [Rutaceae]	Soyala K 168 10/2/2018	Takalasin, Takar (N)	Scrambler (L)	Jan-March	Fruits edible. -
59.	<i>Trichosanthes tricuspidata</i> Lour. [Cucurbitaceae]	Soyala K 185 15/9/2018	Rikay, Dara nana, Poapimchub (N)	Tendrils (H)	June-Sept	Pounded root and stem with hot water taken for dysentery, fever, cough; young shoots bitter - and eaten as vegetable for stomach ache.
60.	<i>Uncaria sessilifructus</i> Roxb. [Rubiaceae]	Soyala K 166 10/2/2018	Tara-Jokam (N), Taklagin (A)	Scrambler (L)	Jan-April	Juice of the stem used as eye drop for eye problem. -
61.	* <i>Vigna umbellata</i> (Thunb.) Ohwi & H. Ohashi [Fabaceae]	Soyala K 178 5/5/2018	Nyoropering (N)	Twiner (H)	April-June	Pods and seeds are cooked and consumed as vegetable. Dried seeds 200/kg