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New Synthesis On Plants Used To Treat Scorpion Stings.

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ABSTRACT.

Until today the treatment of scorpion stings by means of plants occupies a significant place in traditional medicine, and in spite the emergence of modern medicine, people have kept on using plants, as the knowledge of which has been passed over centuries from one generation to the next as Ayurvedic medicine shows.

Keywords: Scorpion; Envenomation; Traditional remedies; Plants

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INTRODUCTION

20th and 21st centuries literature is plentiful. Two syntheses have recently been carried out by Hutt et al. (1998) and by Dupré (2000). The new research we lead showed that 109 families of different plants and no less than 595 species[2] are still used. These plants were often also used for bites and stings from other arthropods (wasps, spiders) or snake bites, although many of them were specifically reserved for scorpion poisoning.

In spite of the rise of modern medicine (serotherapy) people have kept on using these plants from one generation to the next, like in the Ayurvedic medicine for example. The major pharmaceutical companies worldwide are not mistaking when they set up programs of scientific research that are based on a very simple principle: if one plant is or has been used successfully, this may mean it contains one or several active molecules. That is why those laboratories launched several herbalist campaigns in different parts of the world, and particularly in the huge equatorial rainforests.

We present in detail the different families and species of plants used by many peoples around the world, including, this time those recommended by Ayurvedic medicine and that have survived the centuries. We excluded species whose scientific name was questionable or represented only by a common name.

Plants used to treat scorpion stings.

Although most parts of the plants are used, in a large number of species mainly roots and leaves are employed, then on a smaller scale, the seeds, the fruit, the stems (or bark) and the secretions like sap or latex.

In some species, the bulb or rhizome are used, and in some other cases the whole plant is employed. We note though that flowers are hardly ever used.

Preparation methods depend on the part of the plant that is to be used. For oral use, we find decoctions and infusions, or the product is diluted in water, milk, wine or even oil. These infusions may also be sprayed on the sting.

For external use, one applies homogenized ground remains and a coarse form of poultice that is applied directly on the bite or around the sting.

Powder may be dissolved in a liquid, or one can also use the ashes of the whole plant or parts of it.

In some rare cases, several plants are mixed together as once compounded preparations were commonplace (cf. Theriac).

Although many authors describe these popular uses as "beliefs" or "superstitions" that are more dangerous than effective, it seems prejudicial to ignore these practices, however harmful they are. The effectiveness of all these plants is obviously a subject in its own right and it is not our intention to make a full development for one simple reason: it is only in recent decades that laboratories have been searching for molecules that can justify the use of a particular plant.

As far as geography is concerned (according to our sources : we know that the exploration of herbal medicine is far from being fully accomplished) regions where plants are used are mainly South-East Asia (Indochina peninsula, China Philippines, Malaysia, India, Sri Lanka and Nepal) ; Maghreb ; West Africa ; Arabian Peninsula and the Middle East ; West Indies, South and Central America. It is in India that the use of plants is the most important, which fully corresponds to the ancient Ayurvedic tradition that still persists today (Table 1).

Table 1. Distribution of countries or regions where herbal medicine is used most:

Area	Species
India	266 (36, 8%)
South-East Asia (Philippines, Malaysia, Thailand, Myanmar, Lao)	120 (17%)
Africa (except North Africa)	101 (14%)
North Africa	41 (5,4%)
North America (Mexico, USA)	34 (4,7%)
Nepal	33 (4,6%)
Central & South America	33 (4,6%)
Pakistan	21 (2,9%)
Middle East (including Iran and Turkey)	19 (2,6%)
West Indies	18 (2,5%)
Sri Lanka	12 (1,7%)
Arabian peninsula	12 (1,7%)
China and Taiwan	8 (1,1%)
Europe	5 (0,7%)
Total	721

Europe is rarely quoted[3] but this is explained by the absence of scorpions that cause serious medical problems.

In table 2, the plants used are classified by families. Each plant is presented by its scientific name, a list of countries or regions where this plant is used, the part that is used, and references concerning it (see specific bibliography).

The parts used are abbreviated as follows : R (root), L (leaf), S (seed), Pl (whole plant), Rh (rhizome), Fr (fruit), F (flower), Ba (bark), Bb (bulb), N (nut), P (petiole), T (tubercle), Sp (sprout), St (stem), Sa (sap), La (latex), Fe (fern), G (grass), Re (resin), Bu (bud), W (wood), H (husk).

Table 2. Plants used to treat scorpion stings.

ANGIOSPSERMS

Familles	Espèces	Partie	Pays ou contrées	Réf.
Acanthaceae	*Acanthus sennii* Chiov.	R	Ethiopia	288
	Adhatoda vasica Nees	R	India	94
	Adhatoda zeylanica Medik[1]	L	India	229
	Andrographis lineata Nees	L	India	169
	Andrographis paniculata (Burm. F.) Nees	L, Pl	India, Thailand	90-149-169-204 -221-297
	Barleria lupulina Lindl.	L	Thailand	149
	Barleria prionitis L.	R	India	7
	Clinacanthus nutans (Burm. f.) Lindau	L	Thailand	149
	Clinacanthus siamensis Bremek [2]	R	Thailand	149
	Hygrophila auriculata (Schumach.) Heine	S	Burkina Faso	106
	Justicia gendarussa Burm. f.	Pl	Thailand	149
Acoraceae	*Acorus calamus* L.	Rh	India, Sri Lanka	13-298
Adiantaceae	*Hemionitis arifolia* (Burm. f.) T. Moore	Pl	India	225
Adoxaceae	*Sambucus ebulus* L.	L,R	Turkey	246
Aizoaceae	*Trianthema portulacastrum* L.	L	India, Burkina Faso	80-106
Amaranthaceae	*Achyranthes aspera* L.	R, Ba, L	Sri Lanka, India, West Tropical Africa, Arabia, Pakistan , Yemen	1-2-3-4-5-30-50 -90-91-106-107 -164-165-206-216-278-283-291 -297
	Achyranthes bidentata Blume	R	India	79-315
	Aerva lanata (L.) Juss.	Pl	India	198
	Alternanthera pungens Kunth	Pl	Burkina Faso	106
	Alternanthera sessilis (L.) R.Br. ex DC.	L	India	29-200
	Amaranthus blitoides S. Watson	L		5-35
	Amaranthus graecizans L.	L	Pakistan	5
	Amaranthus spinosus L.	L, St,R	India, Myanmar	305
	Amaranthus viridis L.	L	Pakistan, India	50-108-174-181 -232-250-276
	Celosia argentea L.	R, L	India	109-261
	Celosia trygyna L.	L	Burkina Faso, Niger	106-166
	Chenopodium ambrosioides L.	L	India	307
	Haloxylon articulatum Bunge	L, F	Algeria	155
	Pupalia atropurpurea (Lam.) Moq.[3]		India	29
Amaryllidaceae	*Allium canadense* L.		USA (Indians of	41

			California)	
	Allium cepa L.	Bu	Noth Africa, India, Nigeria Philippines, Pakistan, China, Thailand	16-24-40-101-107-149-186-236-253-284-293
	Allium sativum L.	Bu	Malaysia, Cuba, Philippines, Morocco, Jordan, Tunisia, Bolivia, Mexico	2-4-5-11-16-19-27-56-59-68-76 -162
	Allium vineale L.		USA (Indians of California)	41
Anacardiaceae	*Mangifera indica* L.	L, F, La	Nepal, India	6-282
	Pistacia Chinansis Bunge	Fr	India	170
	Pistacia integerrima J.L. Stewart ex Brandis[4]	L	Nepal, Sri Lanka, India	3-319
	Rhus succedanea L[5]	N	India	7
	Rhus tripartita (Ucria) Grande[6]	L	Algeria (Sahara)	159
	Sclerocarya birrea (A. Rich.) Hechst.	L, R	Senegal	104
	Semecarpus anacardium L. f.	Pl	Nepal	6
Annonaceae	*Annona arenaria* Schumach. & Thonn.[7]	R	Ivory Coast	279
	Annona senegalensis oulotricha Le Thomas	R	Ghana, Angola, Ivory Coast, Burkina Faso	4-110-151
	Annona squamosa L.	L, R	India	160-286
Apiaceae	*Carum carvi* L.	S	India	36
	Conium maculatum L.	R	Morocco	40
	Coriandrum sativum L.	Fr, L	India, Thailand	7-29-149
	Eryngium sp.	R	Turkey	22
	Eryngium campestre L.	R	Turkey	191
	Eryngium creticum Lam.	R, L	Jordan, Palestine	34-162-194
	Eryngium foetidum L.	L	Thailand	149
	Ferula assa-foetida L.	Pl	Algeria, India	57-107
	Ferula narthex Boiss.	F, Re	Pakistan	71-193
	Oenanthe javanica (Blume) DC.		Southeast Asia	11
	Pimpinella anisum L.	L, Fr	Morocco, Bolivia, Mexico	36-40-67-69
	Pimpinella tirupatiensis N.P. Balakr. & Subram.	R	India	230
	Pituranthos scoparius (Cos. & Durieu) Schinz	L	Tunisia	56
	Trachydium roylei Lindl.	L	Pakistan	264
	Trachyspermum ammi (L.) Sprague	S	India, Azerbaijan	64-93

Apocynaceae	*Adenium oleifolium* Stapf	Pl	South and West Africa	8-239
	Adenium obesum (Forssk.) Roem. & Schult.	L, La	Ethiopia	209
	Asclepias curassavica L.		Mexico	74
	Calotropis gigantea (L.) Dryand.	Pl, La, R	Nepal, Thailand, Sri Lanka, India,	13-107-149-164 -257-262-271-278-324
	Calotropis procera (Aiton) Dryand.	La, L,Pl, R	Ghana, Africa, India, Sudan, Ethiopia, Nigeria	4-5-60-121-122 -205-239-262-283-287-288-294
	Carissa carandas L.	R, Fr	India	258-271
	Carissa congesta Wight[8]	R	India	278
	Carissa spinarum L.	R, Fr	India	258-271
	Catharanthus roseus (L.) G. Don.	L	India	111
	Ceropegia bulbosa Roxb.	S,T	India	255
	Cryptostegia grandiflora Roxb. ex R. Br.	R	India	80
	Glossonema boveanum (Decne.) Decne.	St, L	Burkina Faso	106
	Glossonema nubicum Decne.[9]	L	West Africa	60
	Gymnema sylvestre (Retz.) Schult.[10]	L, R	India	180-278
	Hemidesmus indicus (L.) R. Br. ex Schult.	R	Nepal, India	6-123
	Ichnocarpus frutescens (L.) W.T. Aiton	R	Nepal	6
	Holarrhena antidysenterica (L.) Wall. ex A. DC.[11]		India	51
	Leptadenia hastata Vatke[12]	L, Fr, R	Burkina Faso	106
	Mandevilla stephanotidifolia Woodson	L	Northwest Amazon	9
	Nerium odorum Sol.[13]	L, R	India	94-107
	Nerium oleander L.		Pakistan	276
	Parameria laevigata (Juss.) Moldenke	L	Thailand	149
	Pergularia daemia (Forssk.) Chiov.	L	India	289
	Pergularia tomentosa L.[14]	L	Morocco, Sahara	40
	Rauvolfia ligustrina Willd. ex Roem. & Schult.	R	West Indies	10b
	Rauvolfia serpentina (L.) Benth. ex Kurz	R	India	11-12-39-278
	Rauvolfia tetraphylla L.	L	India	91
	Rauvolfia vomitaria Afzel.	R	Cameroon	84
	Strophanthus hispidus DC.	L	Ghana	279
	Tabernaemontana angulata Mart. Ex Müll. Arg.	Ba	Guyana	99
	Tabernaemontana coronaria (Jacq.)Willd.[15]	R	India	150
	Tabernaemontana disticha A. DC.	Ba	Guyana	99
	Tabernaemontana divaricata (L.) R. Br. ex Roem. & Schult.	R	India, Thailand	112-149-300

	Thevetia peruviana (Pers.) J.K. Schum.[16]		Brazil	92
	Vincetoxicum officinale Moench			5
	Wrightia tomentosa Roem. & Schult[17]	Ba, R	India	3
Araceae	*Alocasia fornicata* (Roxb.) Schott	St	India	318
	Alocasia macrorhizos (L.) G. Don	R	India, Nepal	7-113
	Alocasia wenzelii Merr.[18]	P	Southeast Asia	11
	Amorphophallus campanulatus Decne[19]	Bu	India	114
	Arisaema intermedium Blume	R	Pakistan	228
	Arisaema tortuosum (Wall.) Schott	Rh	India	306
	Colocasia esculenta (L.) Schott	L, T	Burkina Faso, India	106-115
	Dracunculus vulgaris Schott	Fr	Turkey	49
	Monstera adansonii var. *klotzschiana* (Schott) Madison	St, Sp	Guyana	99
	Montrichardia arborescens (L.) Schott	Sp	Guyana	99
	Philodendron brevispathum Schott	Sp	Guyana	99
	Philodendron solimoesense A.C. Sm.	Ra	Brazil	157
	Pothos sp.	Pl	Thailand	149
	Typhonium giganteum Engl.	R	China	65
Araliaceae	*Panax ginseng* C.A. Mey.	R	China	12-39
	Schefflera decaphylla (Seem.) Harms	Ba	Guyana	99
Arecaceae	*Areca catechu* L.	R	India	54
	Calamus sp.	Pl	Thailand	149
	Euterpe oleracea Mart.	Sa	French Guiana	99
Aristolochiaceae	*Aristolochia albida* Duch.	R	Nigeria	279
	Aristolochia argentea Ule ex O.C. Schmidt[20]		Mexico	85
	Aristolochia asclepiadifolia Brandegee	R	Mexico	119
	Aristolochia bracteata Retz[21]	R, F	Ghana, Arabia, Sudan, Chad, Nigeria	5-14-116-118-279
	Aristolochia cucurbitifolia Hayata		Southeast Asia	11
	Aristolochia elegans Mast.[22]		Mexico	85
	Aristolochia foetida Kunth	St, L	Mexico	153
	Aristolochia grandifolia Salisb.[23]	R	Trinidad	10b-16
	Aristolochia indica L.	R, L	Central America, Mexico India,	3-7-11-15-212-213-221-271-287
	Aristolochia sp.	L	Northwest Amazon	16
Asparagaceae	*Asparagus adsendens* Roxb.	R	Pakistan	228
	Asparagus filicinus Buch.-Ham. ex D. Don	Pl	Thailand	149

	Sansevieria trifasciata Prain		Mexico	85
	Urginea indica (Roxb.) Kunth[24]	T	India	206
Berberidaceae	*Mahonia repens* (Lindl.) G. Don.[25]	Pl	Indians Navaho (USA)	45-280
Bignoniaceae	*Oroxylum indicum* (L.) Kurz	St	Nepal, India	6-173
	Radermachera xylocarpa (Roxb.) Roxb. ex K. Schum.	Ba	India	278
	Stereospermum kunthianum Cham.	Ba	Ethiopia	163
	Stereospermum tetragonum DC.	F, Fr	Nepal (imported), India	6-173 181
Boraginaceae	*Cynoglossum coeruleum* Hochst. ex A. DC.	L	Kénya	239
	Heliotropium aegyptiacum Lehm[26]	R	Somalia	239
	Heliotropium europaeum L.	G	Europe	12-37-66
	Heliotropium indicum L.	Pl, L	South America, Maghreb, West Indies, Nicaragua, India, Laos,Mexico, Thailand	10b-31-61-73-149 185-247-271
	Heliotropium keralense Sivarajan & Manilal	L	India	312
	Heliotropium ovalifolium Forssk.	Pl,L	Ethiopia, Nigeria, Tanzania	76-239-252
	Heliotropium strigosum Willd.	Pl	Ghana	4
	Trichodesma zeylanicum (Burm. f.) R. Br.	L	Tanzania, Nigeria	168-239
Brassicaceae	*Brassica juncea* (L.) Czern.	L, St	India	258-278
Burseraceae	*Boswellia ovalifoliolata* N.P. Balakr. & A.N. Henry	Re	India	230
	Boswellia serrata Roxb. ex Colebr.	Fr, L, Re	India	124-243-286-296
	Bursera aloexylon (Schiede ex Schltdl.) Engl.[27]		Mexico	85
	Commiphora africana (A. Rich.) Endl.	Ba	Ghana, Rwanda, Nigeria	4-76-279
	Commiphora caudata (Wight & Arn.) Engl.	S	India	229
	Commiphora molmol (Engl.) Engl. ex Tschirch[28]	Ba	West Africa	104
	Commiphora wightii (Arn.) Bhandari	Re	India	124
Cactaceae	*Lophophora williamsii* (Lem. ex Salm-Dyck) J.M. Coult.		Mexico	102
Calophyllaceae	*Mesua ferrea* L.	L, F	Nepal, Thailand, India	6-149-304
	Mesua nagassarium (Burm. f.) Kosterm.	F	India	108
Campanulaceae	*Centropogon cornutus* (L.) Druce	L	Trinidad, Tobago	167
	Lobelia nicotianifolia Roth ex Schult.	R	India	2-218
Cannabaceae	*Humulus scandens* (Lour.) Merr.	Fr	Southeast Asia	11
Capparaceae	*Capparis decidua* (Forssk.) Edgew.	R	India	294

Caprifoliaceae	*Valeriana hardwickii* Wall.	Pl	India, Malaysia	315
	Nardostachys jatamansi ‘D. Don.) DC.		India	126
Caricaceae	*Carica papaya* L.	R, L	Trinidad, Thailand	10b-16-17-149
Caryophyllaceae	*Polycarpaea corymbosa* (L.) Lam.	Pl	India	29, 271
Celastraceae	*Elaeodendron glaucum* (Rottb.) Pers[29]	Ba	India	51
Ceratophyllaceae	*Ceratophyllum demersum* L.	Pl	India	189
Cleomaceae	*Cleome gynandra* L.	S, R, L	India	51, 260
	Cleome viscosa L.	Pl	Thailand	149
	Gynandropsis pentaphylla Blanco[30]	R	India	202
Clusiaceae	*Ochrocarpos longifolius* Benth. & Hook. F. ex T. Anderson	Fr, F	India	7
Colchicaceae	*Gloriosa superba* L.	R,T,L	India	61-278-281-285-312
Combretaceae	*Anogeissus latifolia* (Roxb. ex DC.) Guill.	Ba	Nepal, India	113- 182-261
	Combretum karijonorum R.E. Schult.	L		9
	Combretum spp.	L	Africa	52
	Terminalia arjuna (Roxb. ex DC.) Wight & Arn.	Ba	India	7-107
	Terminalia bellirica (Gaertn.) Roxb.		India	126
Commelinaceae	*Commelina benghalensis* L.		India	89
	Commelina nudifora L.[31]		Malaysia	19
Compositae	*Acanthospermum hispidum* DC.	L	Togo	127
	Achillea millefolium L.		India	298
	Ageratum conyzoides (L.) L.	Pl	India, Congo	51-128
	Arctium minus (Hill) Bernk.	R, L	Iran	274
	Aspilia africana (Pers.) C.D. Adams	L	Nigeria	125
	Artemisia arborescens (Vaill.) L.	L	North Africa	20
	Artemisia campestris L.	L, Pl	Tunisia	56
	Artemisia maritima L.	F	Pakistan	250
	Artemisia scoparia Waldst. & Kitam.	Pl	Pakistan	249
	Bidens bipinnata L.		China	266
	Bidens pilosa L.	L	Burkina Faso	106
	Brocchia cinerea (Delile) Vis.[32]	L	Algeria (Sahara)	159
	Centaurea iberica Trevir.	L	Turkey	256
	Centratherum anthelminticum (L.) Kuntze ex Gamble[33]	S	India	292
	Chrysanthellum indicum DC.	Pl	Nigeria	251
	Cnicus benedictus L.			36
	Cosmos sulphureus Cav.	F	Mexico	16

	Cotula cinerea Delile		North Africa	20
	Dichrocephala latifolia (Lam.) L'Hér. ex DC.[34]	Pl	Laos	73
	Echinops echinatus Roxb.	R	India	107
	Echinops longifolius A. Rich.	R	Soudan	53, 175
	Eclipta alba (L.) Hassk.[35]	L	India	285-287
	Eclipta prostrata (L.) L.	L, Pl	Nepal, India, Burkina Faso	6-61-106-113-173-257-271-299
	Franseria ambrosioides (Cav.)[36]	L	Mexico	242
	Glossogyne pinnatifida D.C.[37]	R	India	130
	Gynura formosana Kitam.	L	Southeast Asia	11-149
	Gynura japonica (Thunb.) Juel	L	Southeast Asia	11
	Helianthus annuus L.	S	India	173
	Lactuca serriola L.	La	North Africa	20-40
	Lactuca virosa L.	La	North Africa	20-40
	Matricaria pubescens (Desf.) Sch. Bip[38.]	F	Algeria with Sahara	155-159
	Mikania cordata (Burm. f.) B.L. Rob.	L	Philippines,Bangladesh, Ghana	1-4-8-24-178
	Mikania cordifolia (L. f.) Willd.	L	West Indies	16
	Mikania guaco Bonpl.		Brazil, Guyane	16-87
	Mikania micrantha Kunth	L, St, Pl	Trinidad, West Indies, India	16-174-313
	Mikania scandens (L.) Willd.		Mozambique	279
	Oncosiphon piluliferum (L. f.) Källersjö		South Africa	188
	Phyllocephalum anthelminticum (L.) S.R. Paul & S.L. Kapoor[39]	S	India	7
	Porophyllum ruderale (Jacq.) Cass.	L	Brazil	96
	Sonchus oleraceus (L.) L. [40]		New- Zealand	62
	Tridax procumbens (L.) L.	L	India	51-61-285
	Xanthium strumarium Elliott	G	India	173
Convolvulaceae	*Argyreia nervosa* (Burm. f.) Bojer	R	India	212
	Cressa cretica L.[41]	Pl	North Africa	40
	Cuscuta reflexa Roxb.	Pl	India	278
	Evolvulus alsinoides (L.) L.	Pl	Ghana, Nepal	4-267
	Ipomoea aquatica Forssk.	L	Thailand	149
	Ipomoea arborescens Hump. & Bompl. Ex Willd.) G. Don[42]		Mexico	85
	Ipomoea batatas (L.) Poir.	L, T	Burkina Faso	106

	Ipomoea carnea Jacq.	L, Sa	India	107-111
	Ipomoea digitata L.[43]	R	India	115
	Ipomoea eriocarpa R. Br.	L	Burkina Faso	106
	Ipomoea paniculata (L.) R. Br.[44]	R	India	173
	Ipomoea pes-caprae Roth	L	Thailand	149
	Merremia angustifolia Hallier f.[45]	R	Ghana, Africa	4-104
	Operculina turpethum (L.) Silva Manso	R	India, Nepal	6-113
	Rivea hypocrateriformis Choisy	L, R	India	271
Cornaceae	*Alangium lamarckii* Thwaites	R, L	India	107
Costaceae	*Costus speciosus* (J. Kôning) Sm.	Rh	India	278
Crassulaceae	*Bryophyllum pinnatum* (Lam.) Oken	L	India	107
Cucurbitaceae	*Bryonia multiflora* Boiss. & Heldr.	Fr, St	Iran	274
	Citrullus colocynthis (L.) Schrad.	Fr, R, S, Pl	North Africa, India, Egypt, Soudan	3-5-7-20-40-57-75-122-129-159
	Coccinia grandis (L.) Voigt	R, L	India, Thailand	111-149-233
	Cucumis figarei Delile ex Naudin[46]	Fr	Sahara	279
	Lagenaria siceraria (Molina) Standl.	Fr	India	201-273
	Luffa acutangula (L.) Roxb.	L	India	278
	Momordica cochinChinansis Spreng.	R	Thailand	149
	Momordica dioica Roxb. ex Willd.	R	India	109
Cyperaceae	*Cyperus longus* L.			55
	Cyperus rotundus L.	T	Sri Lanka, India, North Africa	3-7-20-204-278
	Kyllinga brevifolia Rottb.		Malaysia	19
	Scirpus aureiglumis S.S. Hooper[47]	Pl	West Africa	4-279
Dioscoreaceae	*Dioscorea batatas* Decne.[48]	L	China	95
	Dioscorea bulbifera L.	T	India	310
	Diascorea oppositifolia L.	R	India	233-261
Euphorbiaceae	*Acalypha hispida* Burm. f.	L, F	Thailand	149
	Acalypha indica L.	L	India	30-171-271
	Chamaesyce polycarpa var.*polycarpa* (Benth.) Millsp.[49]			42
	Cnidoscolus aconitifolius (Mill.) I.M. Johnst.	L	Ghana, Nigeria	241
	Cnidoscolus chayamansa Mc Vaugh[50]		Mexico	72
	Croton ciliatoglanduliferus Ortega	Sa	Mexico	16-21
	Croton lobatus L.[51]	L	Nigeria	239
	Elaeophorbia grandifolia (Haw.) Croizat [52]	La	Senegal, Sierra Leone	239

	Elaeophorbia drupifera (Thonn.) Stapf.[53]	La, L	West Africa	1-14-20
	Emblica officinalis Gaernt.[54]	La, S, Ba, L	India	217
	Euphorbia calyptrata Coss & Kralik	L	Sahara	239
	Euphorbia convolvuloides Hochst. ex Benth.	Pl, La	Ghana, Nigeria	4-239
	Euphorbia cornuta Pers[55]	La	Algeria (Sahara)	159-239
	Euphobia cuneata Vahl		Saudi Arabia	317
	Euphorbia granulata Forssk.	Pl, La	Sahara, India	83-131- 159-239
	Euphorbia heterophylla L.	Pl	Thailand	149
	Euphorbia hirta L.	L, La	Mali, Africa, Nigeria, Burkina Faso	8-60-106-125-132-133-239
	Euphorbia neriifolia L.	R, L	Malaysia, India, Thailand	7-19-149
	Euphorbia paralias L.	La	North Africa	40
	Euphorbia polyacantha Boiss.	St	Sudan	239
	Euphorbia prostrata Aiton	L, La	Burkina Faso	106
	Euphorbia resinifera O. Berg	La	Morocco	40
	Euphorbia thi Schweinf.[56]	L	Sudan	197
	Euphorbia tirucalli L.	Pl, Sa	India, Sri Lanka, Brazil	3-96-260
	Euphorbia sp.	La	Turkey	22
	Hura crepitans L.	Sa	Peru	207
	Manniophyton fulvum Müll. Arg.		Africa	104
	Mareya micrantha (Benth.) Müll. Arg.	R		14
	Pedilanthus tithymaloides (L.) Poit.[57]	L	Malaysia	279
	Ricinus communis L.	S, L,	West and North Africa, Nepal, Thailand, Pakistan, India	6-10a-12-20-39-107-149-224 -254
	Sapium macrocarpum Müll. Arg.	La	Mexico	277
	Tragia cinera (Pax) M.G. Gilbert & Radel.-Sm.	R	Ethiopia	245
	Trigonostemon reidioides (Kurz) Craib	R	Thailand	149
Fagaceae	*Quercus lanata* Sm.	S	Nepal	47
Flagellariaceae	*Flagellaria indica* L.	Pl	Thailand	149
Gentianaceae	*Swertia chirayita* (Roxb.) H. Karst	Pl, St	Himalaya, India	7-261
Hypoxidaceae	*Curculigo orchioidies* Gaertn.	R	India	214-255
Lamiaceae	*Anisomeles malabarica* (L.) R. Br. ex Sims	L	India	29-247-287
	Callicarpa arborea Roxb.	L, Ba	India	313
	Clerodendron indicum (L.) Kunze	L	Thailand	149
	Clerodendron infortunatum Gearth	R	India	173

	Clerodendron paniculatum L.	L	Thailand	149
	Clerodendrum viscosum Vent.	F, L, R	India, Bangladesh	145, 177
	Coleus amboinicus Lour.[58]	L	Philippines	23
	Coleus aromaticus Benth.[59]	L		2
	Coleus blumei Benth.[60]	Fr	India	321
	Gmelina arborea Roxb.	L, R	Nepal, India	6-71-148-181-261
	Hyptis suaveolens (L.) Poit.		Malaysia	19
	Leonotis leonurus (L.) R. Br.	Pl	South Africa	97-136-237
	Leucas aspera (Willd.) Link	L	India	29-80-90-97-107-226-285
	Leucas cephalotes (Roth) Spreng.	L	India	94
	Leucas diffusa Benth.	L	India	80
	Leucas indica (L.) R. Br. Ex Sm.[61]	L	India	297
	Leucas zeylanica (L.) W.T. Aiton		India	309
	Marrubium deserti (Noë) Coss.[62]		Algeria	155
	Melissa officinalis L.	L	Algeria	36-57
	Nepeta parnassica Hildr. & Sart.		Greece	138
	Ocimum basilicum L.	L, R	Philippines, India, Thailand, Pakistan	24-149-180-259
	Ocimum sanctum L.[63]	Pl	Nepal, India, Arabia	6-78-137
	Ocimum suave Willd.[64]	La, Pl	Uganda	140
	Ocimum tenuiflorum L.	L	India	271
	Origanum majorana L.	Pl	Europe	187
	Plectranthus amboinicus (Lour.) Spreng	L	Thailand, Brazil, Malaysia	149-192-268
	Premna herbacea Roxb.	Pl	India	173
	Rosmarinus officinalis L.			33
	Salvia officinalis L.	R		228
	Salvia sclarea L.	L	Jamaica	141
	Teucrium chamaedrys L.	Pl	Arab countries	?
	Vitex agnus-castus L.	L	India, Cyprus	117-146
	Vitex mollis Kunth	L	Mexico	199-208-277
	Vitex trifolia L.	R	Thailand	149
Lauraceae	*Alseodaphne semicarpifolia* Nees	L, ba	India	220
	Cassytha filiformis L.	R	India	278
	Cinnamomum camphoratum Blume	S	India	107
	Cinnanomum iners Reinw. ex Blume	L	India	253
	Cinnamomum tamala (Buch.-Ham.) T. Nees & Eberm.	L	India	108

	Cinnamomum zeylanicum Breyn.[65]	L	Nepal	6
	Laurus nobilis L.	B	Turkey	49
	Litsea glutinosa (Lour.) C.B. Rob.	Ba,L	India	7-281
	Listea ligustrina (Nees) Kosterm.	L, Ba, F	India	281
Lecythidaceae	*Barringtonia acutangula* (L.) Gaerson.	Ba	Thailand	149
	Careya arborea Roxb.	Ba, Fr	India	88
	Couroupita guianensis Aubl.	St	India	120
Leguminosae	*Abrus precatorius* L.	R	India	134-204-278-324
	Acacia concinna (Willd.) DC.		India	107
	Acacia hindsii Benth.	Ba	Guatemala, Mexico	16
	Acacia leucophloea (Roxb.) Willd.	L	India	223
	Acacia nilotica (L.) Delile	L	India	291
	Acacia oerfota (Forssk.) Schweinf.		Sudan	122
	Albizzia amara (Roxb.) Boivin[66]	L, R	India	281
	Albizzia lebbeck (L.) Benth.	Pl	India, Sri Lanka	13-173
	Astragalus mareoticus Delile	L	Tunisia	56
	Astragalus scorpioides Willd.	L	Iran	40
	Bauhinia excisa (Griseb.) Hemsl.[67]	R	West Indies	10b
	Bauhinia forficata *Link*		Brazil	196
	Bauhinia tomentosa L.	Pl	India	7
	Bauhinia racemosa Lam.	L,Fr	India	160-258-278
	Butea frondosa Willd.[68]	Ba	India	290
	Butea monosperma (Lam.) Taub.	Ba, L	Indochina, India	11, 203
	Butea superba Roxb.	F, Ba	India	173
	Canavalia virosa (Roxb.) Wight & Arn.[69]	S	India	296
	Cassia auriculata L.[70]	L	India	261
	Cassia fistula L.	Ba, S	Laos, India	73-107-215
	Cassia occidentalis L.[71]	L, S, R	Burkina Faso, India	106-308
	Cassia siamea Lam.[72]	L	Thailand	149
	Cassia tora L.[73]	S	Burkina Faso	106
	Centrosema pubescens Benth.	S	Laos	263
	Clathrotropis brachypetala (Tul.) Kleinhoonte	Ba	Guyana, Surinam	86
	Clitoria ternatea L.	L, R, St	Thailand, India	149- 183
	Crotalaria atrorubens Benth.		Nigeria	158
	Crotalaria retusa L.	S	Guyana, French Guiana, Surinam	86-152
	Crotalaria saharae Coss.	Pl	North Africa	40

	Crotalaria vialettei Batt.	Pl	North Africa	40
	Dalbergia lanceolaria L.f.	Ba	India	302
	Dalbergia volubilis Roxb.	R	India	323
	Desmodium gangeticum (L.) DC.	R	Nepal	6
	Desmodium uncinatum (Jacq.) DC.	R	Venezuela	16
	Dichrostachys cinerea (L.) Wight & Arn.	R, L	Africa, India	104-262
	Dichrostachys glomerata (Forssk.) Chiov.[74]	R, L	Ghana, Kenya, Tanzania	4-25-135
	Dichrostachys nutans (Pers.) Benth.		Sudan	122
	Entada pursaetha DC.	S	India	219
	Erythrina variegata L.	Ba, St	India	138
	Glycyrrhiza glabra L.	R	Nepal	6
	Indigofera tinctoria L.	Pl	India, Burkina Faso	3-12-38-106
	Leucaena leucocephala (Lam.) de Wit		Malaysia	19
	Lonchocarpus chrysophyllus Kleinhoonte	R	Guyana, French Guiana	86
	Mimosa pudica L.	L, St	Nepal, India	6-179-260
	Mucuna pruriens (L.) DC.	S	Sri Lanka, India, Nepal	3-103-113-257
	Parkinsonia aculeata L.		Iran	172
	Phaseolus mungo L.[75]		Sri Lanka	3
	Prosopis cineraria (L.) Druce			5
	Prosopis spicigera L.[76]	ba	India	173-176
	Pterocarpus santalinus L. f.	St, Ba	Nepal (imported), India	6-173
	Saraca asoca (Roxb.) Willd.	Ba	Nepal, India	113, 181-304
	Saraca indica L.	Ba	Nepal	6
	Sesbania aegyptiaca Poir.[77]	R	Sri Lanka	3
	Sesbania sesban (L. Merr.	R	Tanzania	168
	Shuteria ferruginea (Kurz) Baker[78]	Fr	Laos	73
	Tamarindus indica L.	S, L, Pl	India, Trinidad, Tobago, Belize, Thailande	7-26-107-149-167-291
	Tephrosia purpurea (L.) Pers.	L	India	243
	Trifolium sp.		Indians of North America (USA)	32
	Uraria acaulis Schindl.	R	Thailand	149
Loganiaceae	*Strychnos nux-vomica* L.	S	India	94-107
	Strychnos potatorum L. f.	S	India	261
Lythraceae	*Ammannia baccifera* Roth[79]	Pl	India	229
	Lawsonia inermis L.		Malaysia	19
Malvaceae	*Abelmoschus ficulneus* (L.) Wight & Arn.	R	India	160

	Adansonia digitata L.		Nigeria	186
	Althaea officinalis L.	F		36
	Bombax ceiba L.	R, L	India	107-278
	Cola nitida (Vent.) Schott & Endl.	Fr	Burkina Faso	238
	Eriolaena lushingtonii Dunn	Pl	India	227
	Gossypium herbaceum L.	L	Thailand	149
	Grewia gamblei J.R. Drumm.	L, R	India	281
	Malva parviflora L.	L	Egypt	195
	Sida cordifolia L.	L	India	287
	Sida rhombifolia L.	L	India	271
Martyniaceae	*Martynia annua* L.	S	India	278
Melastomataceae	*Melastoma malabathricum* L.	R	Malaysia, Thailand	19-149
Meliaceae	Aglaia roxburghiana *(Wight & Arn.) Miq.*[80]	L, R	India	105
	Azadirachta indica A. Juss.	Pl, L, Ba, S	Nepal, India, Sri Lanka	6-13-94-107-223-300
	Cipadessa baccifera (Roth) Miq.	L	India	105-281
	Khaya senegalensis (Desv.) A. Juss.	Ba	Burkina Faso	238
	Lansium domesticum Corrêa	Ba	Indonesia	265
	Soymida febrifuga (Roxb.) A. Juss.	L	India	229
Menispermaceae	*Cissampelos mucronata* A. Rich.	R	Ghana	4
	Cissampelos owariensis *P. Beauv. ex DC.*	R	Ghana	4
	Cissampelos pareira L.	R, St	India, Ethiopia	173-209
	Coscinium blumeanum Miers ex Hook.f. & Thomson		Malaysia	19
	Tinospora cordifolia (Willd.) Miers	St	India	278
	Tinospora sinensis (Lour.) Merr.	R, St	India	227
Menyanthaceae	*Nymphoides hydrophylla* (Lour.) Kuntze	L	India	299
Moraceae	*Dorstenia contrajerva* L.		Mexico	85
	Ficus carica L.	La, L	Turkey, Mexico	49, 81
	Ficus cordata salicifolia (Vahl) C.C. Berg	L	United Arab Emirates	272
	Ficus glomerata Roxb.[81]	L	India	94-107
	Ficus thonningii Blume	L	Africa	60
Moringaceae	*Moringa oleifera* Lam.	R, S	India	51
	Moringa pterygosperma Gaernt.[82]		India	301
Musaceae	*Musa acuminata* Colla		Trinidad	16
	Musa sapientum L.[83]	Rh	West Indies	10b
Myrtaceae	*Myrtus communis* L.	L	Arabia	5

	Syzygium cumini (L.) Skeels	L	India	94-107
Nyctaginaceae	*Boerhavia diffusa* L.	R, L	India	80, 203-283
	Boerhavia procumbens Banks ex Roxb.	R	India	314
	Commicarpus Chinansis (L.) Heemerl[84]	R	India	278
	Commicarpus pedunculosus (A. Rich.) Cufod.[85]		Eritrea	244
	Mirabilis jalapa L.		Madagascar, Mexico	184
	Salpianthus arenarius Humb. & Bonpl.		Mexico	156
Oleaceae	*Jasminum officinale* L.		Pakistan	276
	Olea europaea L.	Fr	Spain	154
	Olea ferruginea (Sol.) Steud.[86]	R	Pakistan	259
Orchidaceae	*Acampe carinata* (Griff.) Panigrahi	R	India	211-222
	Dendrobium fimbriatum Hook	Pl	India	211
	Dendrobium macraei Lindl.[87]		India	7
	Grammatophyllum speciosum Blume	R	Thailand	149
	Habenaria hollandiana Santapau	Pl	India	211
	Ludisia discolor (Ker Gawl.) A. Rich.	Rh	Thailand	149
	Oberonia longibracteata Lindl.	Pl	Indochina	2
	Piperia sp.		Indians of California(USA)	41
	Spiranthes mauritianum L.C. Rich.	Pl	Trinidad & Tobago	257
	Vanda parviflora Lindl.[88]	R, L	India	211
	Vanda roxburghii R. Br.[89]	Pl	India	7-11
	Vanda tessellata (Roxb.) Hook ex G . Don	Pl, R	India	211
	Vanilla planifolia Jacks. ex Andrews	S	Tahiti	82
Orobanchaceae	*Sopubia delphinifolia* G. Don.	L	India	180
Oxalidaceae	*Biophytum candolleanum* Wight[90]	L	India	281
	Biophytum petersianum Klotzsch[91]	Pl	Cameroun, Mozambique	270
	Biophytum sensitivum (L.) DC.	Pl	Brazil	96
	Oxalis corniculata L.	Pl	Pakistan, India	50-276-278
	Oxalis stricta L.	S	USA	28
Papaveraceae	*Argemone mexicana* L.	R, L	Sri Lanka, India	3-112-247-262-300
Passifloraceae	*Passiflora edulis* Sims	L	Thailand	149
	Passiflora laurifolia L.	L	Thailand	149
	Passiflora quadrangularis L.	L	Thailand	149
Pedaliaceae	*Ceratotheca sesamoïdes* Endl.	L, R	West Africa, Burkina Faso	60-106
	Sesamum radiatum Schumach. & Thonn.	L	Central and West Africa	241
Phyllanthaceae	*Glochidion molle* Blume	Sa	Southeast Asia	11
	Phyllanthus emblica L.	R, Ba	India	107

	Phyllanthus niruri L.		Malaysia	19
	Phyllanthus sepialis Müll. Arg.	R,L	Ethiopia	209
Phytolaccaceae	*Petiveria alliacea* L.		South América	31
Piperaceae	*Piper betel* L.	L	Thailand, India	149-171
	Piper longum L.	R, Fr	India, Nepal	6-7
Plantaginaceae	*Plantago major* L.	Pl	Thailand	149
	Scoparia dulcis L.	L	India	295
	Veronica adoensis Sch. Bip. ex Walp.		Sudan	122
Plumbaginaceae	*Plumbago zeylanica* L.	Pl, R	India	180
Poaceae	*Cymbopogon giganteus* Chiov.	L	Burkina Faso	106
	Cymbopogon schoenanthus (L.) Spreng.	L	Burkina Faso	106
	Echinochloa colona (L.) Link		Ghana	60
	Heteropogon contortus (L.) P. Beauv. ex Roem & Schult.	Pl	India	223
	Imperata cylindrica (L.) Raeusch.	R	India, Nigeria	58-125
	Setaria verticillata (L.) P. Beauv.	L	Africa	1
	Vetiveria zizanioides (L ;) Nash[92]	R	India	63
	Zea mays L.	F	Burkina Faso	106
Polemoniaceae	*Gilia leptomeria* A. Gray[93]		Indians Kayenta Navahos (USA)	43
	Leptodactylon pungens (Torr.) Nutt.		Indians Kayenta Navahos (USA)	43
Polygalaceae	*Securidaca longipedunculata* (Fresen.	R	Nigeria	190
Polygonaceae	*Muehlenbeckia platyclados* (F. Muell.) Meisn.	Pl	Thailand	149
	Rumex sp.	Pl	Thailand	149
	Rumex hastatus D. Don.	S	Pakistan	250
Portulacaceae	*Portula oleracea* L.	Pl	Philippines, China, Indochina, Burkina Faso	24-31-106
	Portula quadrifida L.	T, St	Burkina Faso	106
Primulaceae	*Ardisia solonacea* (Poir.) Roxb.	Ba	India	278
	Embelia ribes Burm.f.	Fr	India	77
	Lysimachia sikokiana Miq.	G	Taiwan	11
Ranunculaceae	*Consolida ambigua* (L.) P.W. Ball & Heywood[94]	S	North América	12
	Delphinium denudatum Wall. ex Hook.f. & Thomson	R	India	306
	Nigella sativa L.	S	North Africa, India	40-173
Resedaceae	*Randonia africans* Coss.		Algeria	155

Rhamnaceae	*Ziziphus jujuba* P. Mill.[95]	L	Myanmar, India	11-94
	Ziziphus mauritania *Lam.*	L	India	322
	Ziziphus nummularia (Burm.f.) Wight & Am.	L	India	107
Rosaceae	*Malus communis* Poir.[96]	L	Turkey	48
	Prunus persica (L ;) Stokes	L	Turkey	48
	Pyrus elaeagnifolia Pall.	L	Turkey	49
Rubiaceae	*Anotis monosperma* (Wight & Arn.) Benth. & Hook.f. ex B.D Jacks[97]	L, R, Ba	India	105
	Bouvardia ternifolia (Cav.) Schltdl.		Mexico	85
	Canthium hispidum Benth.[98]	Ba, St	Ghana	4
	Coffea arabica L.	R	Trinidad, West Indies	10b-16
	Keetia leucantha		Liberia	279
	Neanotis monosperma (Wight & Arn.) W.H. Lewis	L,R,St	India	281
	Randia dumetorum (Retz.) Lam.[99]	Fr, Ba, St, S	India	7
	Rubia cordifolia L.	St, R	India	6, 7
	Rubia manjith Roxb. ex Fleming	St	Nepal	257
	Sarcocephalus esculentus Afzel. ex Sabine[100]	R	West Africa	60
	Schumanniophyton magnificum (K. Schum.) Harms	Ba, St	Nigeria	8
Rutaceae	*Aegle marmelos* (L.) Corrêa	L	India	278
	Atalantia monophylla DC.	L	India	296
	Citrus aurantifolia (Christm.) Swingle	R	Trinidad, West Indies	5-10b-16
	Citrus medica L.	Fr	India	325
	Chloroxylon sweitenia DC.	Ba	India	233
	Haplophyllum tuberculatum Juss.	L	North Africa	20
	Luvunga scandens ‘Roxb.) Buch.-Ham. ex Wight & Arn.	R, Fr	Malaysia, India	2-173
	Murraya siamensis Craib	L	Thailand	149
	Ruta chalepensis L.	Pl	North Africa, Jordan	5-20-40-162
	Ruta graveolens L.	Pl	North Africa	40
	Ruta tuberculata Forssk.[102]		Algeria	155
	Skimmia anquetilia N.P. taylor & Airy Shaw	R	India	320
Salicaceae	*Flacourtia indica* L.	L	India	243
	Populus caspica Bornm.	Re	Pakistan	101-236
Salvadoraceae	*Azima sarmentosa* (Blume) Benth. & Hook.f.	L	Thailand	149

	Salvadora persica L.	L, Fr	Arabia	5
Sapindaceae	*Blighia sapida* K.D. Koenig	Ba	Benin	269
	Sapindus laurifolius Vahl[103]	Fr	India	114
	Sapindus mukorossi Gaertn.[104]	Fr	Nepal	257
	Sapindus rarak DC.	L	Thailand	149
	Sapindus trifoliatus L.	S, Fr	India	94-107
Sapotaceae	*Chrysophyllum boivinianum* (Pierre) Baehni	L	Madagascar	240
	Madhuca indica J.F. Gmel.[105]	St	India	323
	Madhuca longifolia var. *latifolia* (Roxb.) A. Chev.	Ba, R	India	278
Scrophulariaceae	Picrorhiza kurroa *Royle ex Benth.*	R	Nepal, India	6-7
	Verbascum densiflorum Bertol.	L		36
Simaroubaceae	*Ailanthus excelsa* Roxb.	Ba	India	291
	Eurycoma longifolia Jack		Malaysia	19
Solanaceae	*Capsicum annuum* L.	Fr	India	284
	Capsicum frutescens L.	L	Burkina Faso, Thailand	106-149
	Datura metel L.		India	46
	Datura stramonium L.	L, S, R	Ghana, Nigeria, India	4-142-291
	Hyoscyamus albus L.		North Africa	20
	Hyoscyamus sp.		Arabie	5
	Lycopersicon esculentum Mill.	Fr	Turkey	48
	Nicotiana tabacum L.	L	Nepal, India, Thailand	6-12-31-39-111-149
	Solanum aethiopicum L.	L	Burkina Faso	106
	Solanum anguivi Lam.	S	India	229
	Solanum indicum L.[106]	Pl	India, Thailand	7-149
	Solanum pectinatum Dunal		Amazon	9
	Solanum sessiliflorum Dunal	Fr	Amazon	9-31
	Withania somnifera (L.) Dunal	L, R	Arabia	5
	Withania qaraitica A.G. Mill. & Biagi	L	Oman	161
Theaceae	*Camellia sinensis* (L.) Kuntze	L	Soudan, Andaman Islands	122-311
	Schima wallichii Choisy	Fr	India	181-303
Thelypteridaceae	*Glaphyropteridopsis erubescens* (Wall. ex Hook) Ching	R	Nigeria	65
Ulmaceae	*Holoptelea integrifolia* Planch.	L, F	India	144-233
Urticaceae	*Cecropia palmata* Willd.	Ba,R,St	West Indies	10b-16-18
	Cecropia peltata L.	Ba,R, St	West Indies	10b-16-18
	Pouzolzia cymosa Wight	L	India	281

	Pouzolzia indica (L.) Gaudich.[107]	L, St, F	India	281-381
Verbenaceae	*Lantana indica* Roxb.	L	India	180
	Stachytarpheta indica (L.) Vahl	R	Borneo	98-143
Violaceae	*Ionidium suffruticosum* Ging.	L	India	316
Vitaceae	*Cayratia delicatula* (Willems) Desc.	St	Ghana	279
	Cayratia japonica (Thunb.) Gagnep.	R	Southeast Asia	11
	Cissus populnea Guill. & Perr.	R	West Africa	60
	Cissus quadrangularis L.	St	Sudan, Thailand	122-275
	Cysphostemma auriculatum (Roxb.) P. Singh & B.V. Shetty	Ba	India	278
Zingiberaceae	*Aframomum melegueta* K. Schum.	S	Nigeria	125
	Amomum aromaticum Roxb.	S	India	210-305
	Amomum subulatum Roxb.	S, H	India, Nepal	6,7, 210
	Curcuma aromatica Salisb.	Rh	India	325
	Curcuma caesia Roxb.	S, Rh	India	210-321
	Curcuma longa L.	L	India, Thailand	33-149
	Curcuma zedoaria (Christm.) Roscoe	Rh	Thailand, India	149-173
	Elettaria cardamomum (L.) Maton	S, H	India	210
	Elettariopsis sumatrana Valeton	Sa	Southeast Asia	2-11
	Globba sp	Rh	Thailand	149
	Kaempferia siamensis Sirirugsa	Rh	Thailand	149
	Zingiber mioga (Thunb.) Roscoe	R, L	China	11
	Zingiber spp.		India	61
Zygophyllaceae	*Balanites aegyptiaca* (L.) Delile	L, S	West Africa, India	60-109-278
	Larrea tridentata (Sessé & Moc. ex DC.) Coville	Pl	Southwest América (Indians Papago)	44
	Tribulus terrestris L.	L	India	233
Pteridophytes Adiantaceae	*Adiantum adiantum- nigrum* L.	Fe	Pakistan	101-236
	Adiantum venustum D.Don.	Fe	Pakistan	101-147-236-293
Gymnosperms pinaceae	*Cedrus libani* A. Rich.		Turkey	48
	Pinus roxburghii Sarg.	W, Re	Pakistan, India	100-231-234-235-248
Ascomycetes machellaceae	Morchella esculenta *(L.) Pers.*		Turkey	49

1. synonym of *Justicia adhatoda* L.
2. synonym of *Clinacanthus nutans* (Burm. f.) Lindau
3. synonym of *Pupalia lappacea* (L.) Juss.
4. synonym of *Pistacia Chinansis integerrima* (J.L. Stewart ex Brandis) Rech. f.
5. synonym of *Toxicodendron succedaneum* (L.) Kuntze
6. synonym of *Searsia tripartita* (Ucria) Moffett
7. synonym of *Annona senegalensis* Pers.
8. synonym of *Carissa spinarum* L.
9. synonym of *Glossonema boveanum nubicum* (Decne.) W. Bull.
10. synonym of *Marsdenia sylvestris* (Retz.) P.J. Forst.
11. synonym of *Holarrhena pubescens* Wall.
12. synonym of *Leptadenia lancifolia* (Schumach. & Thonn.) Decne.
13. synonym of *Nerium oleander* L.
14. synonym of *Daemia tomentosa* (L.) Vatke
15. synonym of *Tabernaemontana divaricata* (L.) R. Br. ex Roem. & Schult.
16. synonym of *Cascabela thevetia* (L.) Lippold
17. synonym of *Wrightia arborea* (Dennst.) Mabb.
18. synonym of *Alocasia zebrina* Schott ex Van Houtte
19. synonym of *Amorphophallus paeniifolius* (Dennst.) Nicolson
20. synonym of *Aristolochia bicolor* Ule ex Pilg.
21. synonym of *Aristolochia bracteolata* Lam.
22. synonym of *Aristolochia littoralis* Parodi
23. synonym of *Aristolochia macrophylla* Lam.
24. synonym of *Drimia indica* (Roxb.) Jessop
25. synonym of *Berberis repens* Lindl.
26. synonym of *Heliotropium pallens* Delile
27. synonym of *Bursera linanoe* (La Llave) Rzed., Calderon & Medina
28. synonym of *Commiphora myrrha* (Nees) Engl.
29. synonym of *Cassine glauca* (Rottb.) Kuntze
30. synonym of *Cleome glauca* (Rottb.) Kuntze
31. synonym of *Murdannia nudiflora* (L.) Brenan
32. synonym of *Cotula cinerea* Delile
33. synonym of *Vernonia anthelmintica* (L.) Willd.
34. synonym of *Dicrocephala integrifolia* (L . f.) Kuntze
35. synonym of *Eclipta prostata* (L.) L.
36. synonym of *Ambrosia ambrosioides* (Cav.) W.W. Payne
37. synonym of *Glossocardia bidens* (Retz) Veldkamp
38. synonym of *Aaronsohnia pubescens* (Desf.) K. Bremer & Humphries
39. synonym of *Vernonia anthelmintica* (L. Willd.)
40. Scorpions are not present in New-Zealand !
41. synonym of *Cressa truxillensis* (L.) Brenan
42. synonym of *Ipomoea wolcottiana* Rose
43. synonym of *Ipomoea cheirophylla* O'Donell.
44. synonym of *Ipomoea mauritiana* Jacq.
45. synonym of *Merremia tridentata* (L.) Hallier f.
46. synonym of *Cucumis fucifolius* A. Rich.
47. synonym of *Schoenoplectiella juncea* (Willd.) Lye
48. synonym of *Dioscorea polystachya* Turcz.
49. synonym of *Euphorbia polycarpa* Benth.

50. synonym of *Cnidoscolus aconitifolius* (Mill.) I.M. Johnst.
51. synonym of *Astraea lobata* (L.) Klotzsch ;
52. synonym of *Euphobia grandifolia* Haw.
53. synonym of *Euphorbia drupifera* Thonn.
54. synonym of *Phyllanthus emblica* L.
55. synonym of *Euphobia retusa* Forssk.
56. synonym of *Euphorbia polyacantha* Boiss.
57. synonym of *Euphobia tithymaloides* L.
58. synonym of *Plectranthus amboinicus* (Lour.) Spreng.
59. synonym of *Plectranthus amboinicus* (Lour.) Spreng.
60. synonym of *Plectranthus scutellanoides* (L.) R. Br.
61. synonym of *Leucas zeylanica* var. *zeylanica* (L.) W.T. Aiton
62. synonym of *Ballota deserti* (Noë) Jury, Rejdali & A.J.K. Griffiths
63. synonym of *Ocimum tenuiflorum* L.
64. synonym of *Ocimum gratissimum gratissimum* (Willd.) Hoole. f.
65. synonym of *Cinnamomum verum* J. Prest
66. synonym of *Feuilleea amara* (Roxb.) Kuntze
67. synonym of *Bauhinia guianensis* Aubl.
68. synonym of *Butea monosperma* (Lam.) Taub.
69. synonym of *Canavalia cathartica* Thouars
70. synonym of *Senna auriculata* (L.) Roxb.
71. synonym of *Senna occidentalis* (L.) Link.
72. synonym of *Senna siamea* (Lam.) H.S. Irwin & Barneby
73. synonym of *Senna tora* (L.) Roxb.
74. synonym of *Dichrostachys cinerea* (L.) Wight & Arn.
75. synonym of *Vigna mungo* (L.) Hepper
76. synonym of *Prosopis cineraria* (L.) Druce
77. synonym of *Sesbania sesban* (L.) Merr.
78. synonym of *Shuteria hirsuta* Baker
79. synonym of *Ammannia baccifera* Blume
80. synonym of *Aglaia Elaeagnoidea* (A. Juss.) Benth.
81. synonym of *Ficus racemosa* L.
82. synonym of *Moringa oleifera* Lam.
83. synonym of *Musa paradisiaca* L.
84. synonym of *Boerhavia Chinansis* (L.) Rottb.
85. synonym of *Boerhavia pedunculosa* A. Rich.
86. synonym of *Olea europaea* L.
87. synonym of *Flickingeria macraei* (Lindl.) Seidenf.
88. synonym of *Vanda testacea* (Lindl.) Rchb.f.
89. synonym of *Vanda tessellata* (Roxb.) Hook ex G . Don
90. synonym of *Biophytum sensitivum* (L.) DC.
91. synonym of *Biophytum umbraculum* Welw.
92. synonym of *Chrysopogon zizanioides* (L.) Roberty
93. synonym of *Aliciella leptomeria* (A. Gray) J.M. Porter
94. synonym of *Consolida ajacis* (L.) Schur.
95. synonym of *Zizyphus zizyphus* (L.) H. Karst.
96. synonym of *Malus pumilia* Mill.
97. synonym of *Neanotis monosperma* (Wight & Arn.) W.H. Lewis
98. synonymof *Keetia hispida* (Benth.) Bridson

99. synonym of *Catunaregam spinosa* (Thunb.) Tirveng.
100. synonym of *Sarcophalus latifolius* (Sm.) E.A. Bruce
101. synonym of *Haplophyllum tuberculatum* Juss.
102. synonym of *Sapindus trifolius* L.
103. synonym of *Sapindus saponaria* L.
104. synonym of *Madhuca longifolia* var. *latifolia* (Roxb.) A. Chev.
105. synonym of *Solanum anguivi* Lam.
106. synonym of *Pouzolzia zeylanica* var. *zeylanica* L.

DISCUSSION.

Nevertheless we can see some interesting working tracks that have already resulted in convincing studies. We know that the injection of scorpion venom induces a strong inflammatory response from the stung subject. However, we note the presence of substances of the flavonoid family in a large number of genera of plants used : *Semocarpus, Rhus, Whrigtia, Oroxylum, Heliotropium, Humulus, Combretum, Citrus, Ageratum, Cotula, Mikania, Tridax, Meremia, Citrullus, Cyperus, Astralagus*...

Flavonoids are molecules that produce a wide spectrum of biological activities and in particular anti-inflammatory properties (Hutt, 1998; Okunade, 2002), these properties justify the use of the plants. We should also mention the inhibitory action of flavonoids on hyaluronidase from the venom of some scorpions whose role is to facilitate the dissemination of toxins in the tissues by catalyzing the hydrolysis of tissues (Pessini et al., 2001).

We also report the use of many *Aristolochia* sp., one constituent of which, aristolochic acid, is an inhibitor of phospholipases. These enzymes found in some scorpions'venoms, are involved in the inflammatory process.

Other plants have analgesic properties that fight the pain accompanying poisoning such as *Petiveria alliacea* (Furones Mourelle et al., 1996). Until recently Jiménez-Ferrer et al. (2005) highlighted the antitoxin activity of three plants used in Mexico against the bite of *Centruroides limpidus limpidus*, one of the most dangerous scorpions of this country. Fatani et al. (2006) showed that extracts of *Gingko biloba* associated with aprotinin, a protease inhibitor, protected rats against cardiovascular damage induced by the venom of *Leiurus quinquestriatus*. The antioxidant properties of this plant explain this protection.

Mansour et al. (2011) showed that extracts of *Ambrosia maritima* protect from alterations induced by the venom of the *Leiurus quinquestriatus* scorpion, on muscular and intestinal tissue in rats.

We must also note that many of these plants have not yet revealed all their secrets, but that also

many placebo effects can be highlighted, as shown by the study conducted by Uawonggul et al. (2006). These researchers have actually studied the effect of 64 different species used in traditional medicine in Thailand, a region that uses no less than a hundred different plants against stings of *Heterometrus laoticus* scorpion. They showed that only five out of the 64 plants had some antitoxic effectiveness against the venom of this species. The term "placebo" is a shortcut after such results, as those authors have only explored one technique.

Whatever happens in the future research on molecules in all those plants, we can leave the closing words to Martz (1992)

“In Areas where no antiserum treatment is necessary or even possible, preparations of plant could play an important role by effectively bridging the time until qualified support is available."

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REFERENCES.

1. Akunyili DN, Akubue PI. Antisnake venom properties of the stem bark juice of *Schumanniophyton magnificum*. Fitoterapia 1987 ;58 :47-49.
2. Bellakhdar J. La pharmacopée Marocaine traditionnelle. Ibis Press. 1997:759.
3. Biondo R, Coll. Inhibition of enzymatic and pharmacological activities of some snake venoms and toxins by *Mandevilla velutina* (Apocynaceae) aqueous extract. Biochimie 2003;85(10):1017-1025.
4. Calixto JB, Coll. The selective antagonism of bradykinin action on rat isolated uterus by crude *Mandevilla velutina* extract. British J Pharmacologie 1985;85:729-731.
5. Coe FG, Anderson GJ. Snakebite ethnopharmacopeia of eastern Nicaragua. J Ethnopharmacoloy 2005 ;96 (1/2): 303-323.
6. Duke JA. Handbook of Medicinal herbs. CRC Press, Boca Raton, Florida, 1985:677.
7. Duke JA. Phytochemical Database, USDA – ARS –NGRL, Beltsville Agriculture Research Center Belstville, Maryland. 1999.
8. Dupre G. Le scorpionisme. Epidémiologie, symptomatologie, histoire des médications, phytothérapie. Ed. Arachnides, suppl. au n°2000 ; 45 :36.
9. Fatani AJ, AL-Zuhair HA, Yaquob HI, Abdel-Fattah AA, Elsayed MI, Elsayed FA. Protective effects of the antioxidant *Ginkgo biloba* extract and the protease inhibitor aprotinin against *Leirus quinquestriatus* scorpion venom-induced tissue damage in rats. Journal of Venomous Animals and Toxins including Tropical Diseases 2006; 12 (2):255-

275.

10. Furones Mourelle JA, Rodriguez FM, Guttierrez ZP. Ausencia de actividad antiinflamatoria del extracto acuoso liofilizado de *Petiveria alliacea* (Anamu) en ratas. Revista Cubana de Plantas Medicinales 1996;1(2):34-37.
11. Houghton PJ, Osibogun IM. Flowering plants used against snakebite. J Ethnopharmacology 1993;39 (1): 1-29.
12. Hutt MJ, Houghton PJ. A survey from the literature of plants used to treat scorpion stings. J Ethnopharmacology 1998;60 (2) :97-110.
13. Jimenez-Ferrer J.E., Reynosa-Zapata I., Perez-Torres Y. & Tortoriello J. The secretagogue effect of the poison from *Centruroides limpidus limpidus* on the pancreas of mice and the antagonistic action of the *Bouvardia ternifolia* extract. Phytomedicine 2005 ;12 (1-2): 65-71.
14. Mansour NM, Tawfik MN, Yaseen AE, Rahmy TR. Protective role of *Ambrosia maritima* plant extract against alterations induced by *Leiurus quinquestriatus* scorpion venom on skeletal muscles and intestinal tissues of rats. Egyptian Journal of Natural Toxins 2011; 8 (1, 2): 81-103.
15. Martz W. Plants with a reputation against snakebite». Toxicon, 1992; 30 (10): 1131-1142.
16. Mittal GC, Coll. Preliminary pharmacological studies on antivenom action of *Dioda scandens* leaves. Nigerian J Pharmacology, 1981;12 : 432-436.
17. Okunade AL, *Ageratum conyzoides* L. (Asteraceae). Fitoterapia 2002;73: 1-16.
18. Pessini AC, Takao TT, Cavalheiro EC, Vichnewski W, Sampaio SV, Giglio JR, Arantes EC. A hayluronidase from *Tityus serrulatus* scorpion venom: isolation, characterization and inhibition by flavonoids. Toxicon 2001; 39 (10): 1495-1504.
19. Pithayanukul P, Coll. Anti-venom potential of butanolic extract of *Eclipta prostrata* against malayan pit viper venom. J Ethnopharmacology 2004;90 (2/3) : 347-352.
20. Spichiger RE, Savolainen VV, Figeat M, Jeanmonod D Botanique systématique des plantes à fleurs. Une approche phylogénétique nouvelle des Angiospermes des régions tempérées et tropicales. 2^{éme} édition, Lausanne : Presses Polytechniques et Universitaires Romandes 2002 :413.
21. Tsai LH, Yang LL, Chen C. Inactivation of Formosan snake venoms in vivo by aristolochic acid. Formosan Sciences, 1980;34: 40-44.
22. Uawonggul N, Chaveerach A, Thammasirirak S, Arkaravichien T, Chuachan C, Daduang

S. Screening of plants acting against *Heterometrus laoticus* scorpion venom activity on fibroblast cell lysis. J Ethnopharmacology 2006;103 (2): 201-207

SPECIFIC REFERENCES FOR TABLE 2.

1. Dalziel JM.The Useful Plants of West Tropical Africa. Crown Agents, London. 1937.
2. Lewis WH, Elvin-Lewis MPF. Medical Botany – Plants Affecting Man'Health. Wiley, Chichester. 1977.
3. Jayaweera DMA. Medicinal Plants Used in Ceylon. National Science Council of Sri-Lanka, Colombo. 1981.
4. Abbiw D. Useful Plants of Ghana West African Uses of Wild and Cultivated Plants. Intermediate Technology Publications and Royal Botanic Gardens Kew. 1990.
5. Ghazanfar SA. Handbook of Arabian Medicinal Plants. CRC Press, Boca Raton, FL., 1994:265.
6. Anonyme. Medicinal Plants of Nepal. His Majesty's Government of Nepal, Ministry of Forests. Department of Medicinal Plants, Thapathali, Kathmandu. 1976.
7. Kapoor CD. Handbook of Ayurvedic Medicinal Plants. CRC Press, Boca Raton, FL 2000:416.
8. Neuwinger HD. African Ethnobotany. Chapman & Hall, London. 1996.
9. Schultes RE, Raffauf RF. The Healing Forest: Medicinal and Toxic Plants of the Nortwest Amazonia. Dioscoride Press, Portland, 1990:484
10. A.Ayensu ES. Medicinal Plants of West Africa. Reference Publications. Algonac, MI 1978.
11. B.Ayensu ES. Medicinal Plants of the West Indies. Reference Publications. Algonac, MI1981.
12. Perry LM, Metzger J. Medicinal Plants of East and Southeast Asia. MIT Press, Cambridge, MA1980.
13. Duke JA. Handbook of Medicinal Herbs. CRC Press, Boca Raton, FL 1982:677.
14. Roberts E. Vegetable Materia Medica of India and Ceylon. Colombo Plate, Colombo1931.
15. Irvine FR. Woody Plants of Ghana. London: Oxford University Press1961.
16. Dash VB. Illustrated material Medica of Indo-Tibetian Medicine. Indo-Tibetan Medicine series, vol. 1 Classics, Delhi, India1987.
17. Morton JF. Atlas of Medicinal Plants of Middle America: Bahamas to Yucatan. Thomas,

Sprinfield, IL 1981.

18. Chandrasena JPC. The Chemistry and Pharmacology of Ceylon and Indian Plants. HPC Press, Colombo. 1934.
19. Seaforth CE. Natural Products in Carribbean Folk Medicine. University of the West Indies, Trinidad. 1988.
20. Zakaria M, Mohammed MA. Traditional Malay medicinal Plants. Penerbit Fajar Bakti sdn. BHD, Kuala Lumpar. 1994.
21. Boulos L. Medicinal Plants of North Africa. Reference Publications, Algonac, MI 1983.
22. Burlage HM. Index of Plants of Texas, with reputed Medicinal and Poisonous Properties. Burlage, Austin, TX. 1968.
23. Tabata M, Honda G, Sezik C., eds, A Report on Traditional Medicine and Traditional Plants in Turkey. Faculty of Pharmaceutical Sciences, Kyoto University1986.
24. De TAVERA T.H.P., [1892]. Plantas Medicinales de Filipinas ». Madrid. Makati City, 2000, 445pp
25. QUISUMBING E., 1951. Medicinal Plants of the Philippines. Technical Bulletin 16. Republic of the Philippines, Department of Agriculture and Natural Resources. Manila Bureau of Printing, Manila.
26. WILLIAMSON J., 1954. Useful Plants of Nyasaland. The Government Printer, Zonda, Nyasaland.
27. ARVIGO R. & BALICK M., 1993. Rainforest Remedies - One Hundred Healing Herbs of Belize. Lotus Press, WI.
28. BROWN W.H., 1951. Useful Plants of Philippines. Manila: Bureau of Printing, 3 volumes.
29. BOLYARD J.L., 1981. Medicinal Plants and Home Remedies of Appalachia. Thomas, Springfield, IL.
30. SUDHAKAR A. & MADHAVA CHETTY K., 1998. Medicinal importance of some angiospermic weeds used by the rural people of Chittor district of Andhra Pradesh, India. Fitoterapia 69 (5): 390-400.
31. IGNACIMUTHU S., SANKARASIVARAMAN K. & KESAVAN I., 1998. Medico-ethnobotanical survey among Kanidar tribals of Mundanthurai Sanctuary, Western Ghats, India. Fitoterapia 69 (5): 409-414.
32. THE RAINTREE GROUP, 1996-97. Recorded Ethnobotanical Uses. Internet, http://www.rain-tree.com/ethnic.com

33. MOERMAN D.E., 1996. An analysis of the food plants and drug plants of native North America. Journal of Ethnopharmacology 52 (1) : 1-22.
34. Internet, http://www.naturalark.com/herbencr.html
35. ALKOFAHI A., SALLAL A.J. & DISI A.M., 1997. Effect of *Eryngium creticum* on the Haemolytic activities of Snake and Scorpion venoms. Phytotherapy Research 11: 540-542.
36. CECCINI T., 1975. Encyclopédie des plantes médicinales. De Vecci ed., Paris, 327pp.
37. SCHAFFNER W., 1992. Les plantes médicinales et leurs propriétés. Delachaux & Niestlé eds., 215pp.
38. LIST P.H. & HORHAMMER L., 1969-1979. Hager's Handbuch der Pharmazeutischen Praxis. Volumes 2 to 6, Springer Verlag, Berlin.
39. MORTON J., 1977. Major Medicinal Plants. Thomas C.C. ed., Springfield.
40. DUKE J.A & WAIN K.K., 1981. Medicinal Plants of the World. 3 volumes, 1654pp.
41. BELLAKHDAR J., 1997. La pharmacopée Marocaine traditionnelle. Ibis Press, 759pp.
42. ROMERO J.B., 1954. The Botanical Lore of the California Indians. New York: Vantage Press.
43. CURTIN L.S.M., 1949. By the Prophet of the Earth. Santa Fé, San Vicente Foundation, 1ére édition, 160pp.
44. WYMAN L.C. & HARRIS S.K., 1951. The Ethnobotany of the Kayenta Navaho. Albuquerque, Univ. New Mexico Press.
45. CASTETTER E.F. & UNDERHILL R.M., 1935. Ethnobotanical studies in the American Southwest. II. The Ethnobiology of the Papago Indians. University of New Mexico Bulletin 4 (3): 1-84.
46. VESTAL P.A., 1952. The Ethnobotany of the Ramah Navaho. Papers of the Peabody Museum of American Archaeology and Ethnology 40 (4): 1-94.
47. BHANDARY M.J., CHANDRASHEKAR K.R. & KAVERIAPPA K.M., 1995. Medical ethnobotany of the Siddis of Uttara Kannada district, Karnataka, India. Journa of Ethnopharmacology 47 (3): 149-158.
48. MANANDHAR N.P., 1995. A survey of medicinal plants of Jajarkot district, Nepal. Journal of Etnopharmacology 1995 (1): 1-6.
49. YESILADA E. & coll., 1995. Traditional medicine in Turkey. V. Folk medicine in the inner Taurus Montains. Journal of Ethnopharmacology 46 (3) : 133-152.
50. HONDA G. & coll., 1996. Traditional medicine in Turkey. VI. Folk medicine in West

Anatolia: Afyon, Kütahya, Denizli, Mugla, Aydin provinces. Journal of Ethnopharmacology 53 (2): 75-87.

51. SHINWARI M.I. & KHAN M.A., 2000. Folk use of medicinal herbs of Margalla Hills National Park, Islamabad. Journal of Ethnopharmacology 69 (1): 45-56.
52. SINGH A.K., RAGHUBANSHI A.S. & SINGH J.S., 2002. Medical ethnobotany ot the tribals of Sonaghati of Sonbhadra district, Uttar Pradesh, India. Journal of Ethnopharmacology 81 (1): 31-41.
53. FYHRQUIST P., MWASUMBI L., HAEGGSTRÖM C.A., VUAROLA H., HILTUNEN R. & VUAROLA P., 2002. Ethnobotanical and antimicrobial investigation of some species of *Terminalia* and *Combretum* (Combretaceae) growing in Tanzania. Journal of Ethnopharmacology 79 (2): 169-177.
54. ELEGAMI A.A., ALMAGBOUL A.Z., OMER M.E.A. & EL TOHAMI M.S., 2001. Sudanese plants used in folkloric medicine: screening for antibacterial activity. Part X . Fitoterapia 72 (7): 810-817.
55. HARSHA V.H., HEBBAR S.S., HEDGE G.R. & SHRIPATHI V.P.G., 2002. Ethnomedical knowledge of plants used by Kunabi Tribe of Karnataka in India. Fitoterapia 73 (4) : 281-287.
56. AL-KINDI, 9^{éme} siècle. Aqrabadhin. Traduction in English (‘’The Medical Formulary’’) by Martin Levey, University of Wisconsin Press, 1966, 410pp.
57. BOUKEF M.K., 1986. Les plantes dans la médecine traditionnelle tunisienne. Agence de Coopération Culturelle et Technique, 350pp.
58. LASRY A., 1937. Histoire de la pharmacie indigène de l’Algeria et de son folklore. Paris, Vigot, 83pp.
59. KATEWA S.S., GURIA B.D. & JAIN A., 2001. Ethnomedicinal and obnoxious grasses of Rajasthan, India. Journal of Ethnopharmacology 76 (3): 293-297.
60. GIRAULT L., 1984. Kallawaya. Guérisseurs itinérants des Andes. ORSTOM, 668pp.
61. TRAORÉ D., 1983. Médecine et magie africaines ou comment le noir se soigne-t-il ?. Présence Africaine, Paris-Dakar, 569pp.
62. SURYANARAYANA M.C., 1994. Sources of Bee Forage in Indian. Chapitre 3. In : Traditional sciences and technologies in India Honey industry.
63. LEONARD D.B., 2002. Medicine at your feet. Internet: http:// www. medicineatyourfeet.com/
64. RAO R.R. & SUSEELA M.R., s.d. *Vetiveria zizanioides* (Linn.) nash. A multipurpose

eco-friendly grass of India. Proc. 2nd Int. Conf. On Vetiver. Office Roy. Develop. Projects Board, Bangkok, pp 444-448.

65. SINGH K.K. & MAHESHWARI J.K., 1983. Traditional phytotherapy amongst the tribals of Varanasi district U.P.. Journal of Economic and Taxonomic Botany 4: 829-838.
66. NWOSU M.O., 2002. Ethnobotanical studies on some Pteridophytes of Southern Nigeria. Economic Botany 56 (3): 255-259.
67. DAFNI A. & LEV E., 2002. The doctrine of signatures in present-day Israël. Economic Botany 56 (4): 328-334.
68. FERNANDEZ E.C., SANDY Y.E. & KOKOSKA L., 2003. Ethnobotanical inventory of medicinal plants used in the Bustillo Province of the Potosi Department, Bolivia. Fitoterapia 74 (4): 407-416.
69. EL-HILALY J., HMAMMOUCHI M. & LYOUSSI B., 2003. Ethnobotanical studies and economic evaluation of medicinal plants in Taounate province (Northern Morocco). Journal of Ethnopharmacology 86 (2/3): 149-158.
70. Internet, http://www.semarnat.gob.mx/pfnm/Ligusticum Porteri.html
71. Internet, http://nutraceuticalliance.com/hl21.htm
72. SHINWARI Z.K. & GILANI S.S., 2002. Sustainable harvest of medicinal plants at Bulashbar Nullah, Astore (Northern Pakistan). Journal of Ethnopharmacology 84 (2/3) : 289-298.
73. SALAZAR GOROZTIETA L.P., 1991. Estudio Etnobotanico de la Chaya *Cnidoscolus chayamansa* Mc Vaugh, en 17 municipios del estado de Morelos. Tesis licenciatura, Univ. Autonoma del estado de Morelos, Cuernavaca, Mexico.
74. SOUK-ALOUN P.N., 1998. Pharmacopée végétale Lao. (Internet: http://wanadoo.fr/laos/phyt.htm).
75. NAVARRO GARCIA V.M., GONZALEZ A., FUENTES M., AVILES M., RIOS M.Y., ZEPEDA G. & ROJAS M.G., 2003. Antifungal activities of nine traditional Mexican medicinal plants. Journal of Ethnopharmacology 87 (1) : 85-88.
76. SALEH N.A.M., 2003. Global phytochemistry: the Egyptian experience. Phytochemistry 63: 239-241.
77. GETAHUN A., 1976. Some common medicinal and poisonous plants used in Ethiopian folk medicine. Internet Data Bank Prelude, ref: VG07.
78. CHITRA M., SHYAMALA DEVI C.S. & SUKUMAR E., 2003. Antibacterial activity

of embelin. Fitoterapia 74 (4): 401-403.

79. ATIQUR RAHMAN M. , J.S. MOSSA, M.S. AL-SAID & M.A. AL-YAHYA, 2004. Medicinal plant diversity in the flora of Saudi Arabia 1: A report on seven plant families. Fitoterapia 75 (2): 149-161.
80. SHARMA P.K., CHAUHAN N.S. & LAL B., 2004. Observations on the traditional phytotherapy among the inhabitants of Parvati valley in western Himalaya, India. Journal of Ethnopharmacology 92 (2/3): 167-176.
81. SIROMONEY G., GILES D. & LIVINGSTONE C., 1973. Herbals medicines of the Narikoravas. Folklore, 14: 363-366.
82. http://www.ccu.umich.mx/museo/hist-natural/botanica/plantasmedicinal/ tabla2. html
83. http://www.vanilla.com/html/globe-enchanting-tahiti.html
84. BENCHELAH A.C., BOUZIANE H., MAKA M. & OUAHES C., 2000. Fleurs du Sahara. Voyage ethnobotanique avec les Touaregs du Tassili. Biarritz : Ibis Press Atlantica, 255pp.
85. NOUMI E., 2004. Animal and plant poisons and their antidotes in Eseka and Mbalmayo regions, Centre Province, Cameroon. Journal of Ethnopharmacology 93 (2/3) : 231-241.
86. http://www.morelostravel.com/CatalogosardinEtnobotanico.pdf
87. http://www.mnh.si.edu/biodiversity/bdg/medicinal/MedPlantsGui2.pdf
88. HECKEL E., 1897. Les plantes médicinales et toxiques de la Guyane française : catalogue raisonné et alphabétique. Macon : Protat frères.
89. MAHISHI P, SRINIVASA B.H. & SHIVANNA M.B., 2005. Medicinal plant wealth of local communities in some villages in Shimoga District of Karnataka, India. Journal of Ethnopharmacology 98 : 307-312.
90. OUDHIA P., 2003. Traditional medicinal knowledge about common herbs used against venomous creatures snakes and scorpions in Chhattisgarh (India). http://botanical.com/site/column_poudhia/ 02_ venomous_ creatures. html
91. SWAMY P.S., KUMAR M. & SUNDARAPANDIAN S.M., 2003. Spiritualité et écologie des bois sacrés au Tamil Nadu, India. Unasylva 54 (213) : 53-55.
92. BROOKS J., 1996. Revitalisation of the indigenous flora (particularly medicinal plants) and traditional knowledge of the Coromandel Coastal region of south India. 6th Int. Permaculture Conference & Convergence, Perth, 30 septembre 1996.
93. SHARDONG R.M.F. & CERVI A.C., 2000. Estudos etnobotânicos das plantas de uso medicinal e mistico na comunidade de Sào Benedito, Bairro Sào Francisco, Campo

Grande, MS, Brasil. Acta Biol. Paranaense, Curitiba, 29 (1/4) : 187-217.

94. ALAKBAROV F., 2003. Aromatic herbal baths of the ancients. Herbal Gram 57 : 40-49.
95. OUDHIA P., 2003. Traditional medicinal knowledge about common herbs used in traitment of scorpion sting in Chhattisgarh (India). The results of recent an ethnobotanical surveys. http://botanical.com/site/ column_ poudhia /277_ scorpionsting.html
96. http://florawww.eeb.uconn.edu/acc_num/198700196.html
97. http://www.brazilian-plants.com/en/search.cfm
98. SCHWEGLER M., 2004. Medicinal and other uses of Southern Overberg fynbos plants. Gansbaai, 48pp.
99. FASIHUDDIN B.A. & GHAZALLY I., 2003. Medicinal plants used by Kadazandusun communities around Crocker Range. Review of Biodiversity and Environmental Conservation (ARBEC), January-March 2003, p8.
100. De FILIPPS R.A., MAINA S.L. & CREPIN J., 2004. Medicinal plants of the Guianas (Guyana, Surinam, French Guiana). Department of Botany, National Museum of Natural History, Smithsonian Institution, Washington.
101. ARSHAD M. & MUSTAQ A., 2004. Medico-Botanical investigation of medicinally important plants from Galliyat areas, NWFP (Pakistan). http://www.siu.edu/˜ebl/leaflets/galliaya.html
102. IQBAL I. & HAMAYUN M., 2005. Studies on the traditional uses of plants of Malam Jabba valley, District Swat, Pakistan. http://www.siu.edu/˜ebl/leaflets/jabba.html
103. SOCHA A.M., 2003. From *Areoles* to *Zygocactus* : An evolutionary masterpiece. A synopsis of the family Cactaceae. http://www. nyberg.org/bsci/herb/cactaceae1.html
104. ROSS I.A., 2003. Medicinal plants of the world : Chemical constituents, traditional and modern medicinal uses. Volume 1, 455pp.
105. IWU M.M., 1993. Handbook of African medicinal plants. CRC Press.
106. AYYANAR M. & IGNACIMUTHU S., 2005. Traditional knowledge of Kani tribals in Kouthalai of Tirunelveli hills, Tamil Nadu, India. Journal of Ethnopharmacology 102 (2) : 246-255.
107. NACOULMA-OUADRAOGO O., MILLOGO-RASOLODIMBY J. & GUINKO S., 1997-1998. Les plantes harbacées dans la thérapie des piqûres d'insectes. Revue de Médecine et de Pharmacie Africaine 11-12 : 165-176.

108. OUDHIA P., 2001/2005. Research Notes. Indian Herbal Research & Methods, http://botanical.com/site/column_poudhia_Indiax.html
109. LALRAMNGHINGLOVA J.H., 1996. Ethnobotany of Mizoram – A preliminary survey . Journal of Economic and Taxonomic Botany 12 : 439-459.
110. PAINULI R.M. & MAHESHWARI J.K., 1996. Some interesting ethnomedicinal plants used by Sahariya tribe of Madhya Pradesh. Journal of Economic and Taxonomic Botany 12 : 179-185.
111. KERHARO J. & BOUQUET A., 1950. Plantes médicinales et toxiques de la Ivory Coast – Haute-Volta. Mission d'étude de la pharmacopée indigène en A.O.F., Paris : Editions Vigot Frères, 300pp.
112. KHANNA K.K., SRIVASTAVA P.K. & MUDGAL V., 1996. Noteworthy medicinal plant uses from rural folklore of Raebareli district, Uttar Pradesh. Journal of Economic and Taxonomic Botany 12 : 118-122.
113. KHANNA K.K., SHUKLA G. & SRIVASTAVA P.K., 1996. New traditional medicinal uses of plants from Jalaun District, Uttar Pradesh. Journal of Economic and Taxonomic Botany 12 : 108-111.
114. SIWAKOTI M. & VARMA S.K., 1996. Medicinal plants of the Terai of eastern Nepal. Journal of Economic and Taxonomic Botany 12 : 423-438.
115. SWATI SAMWATSAR & DIWANI V.B., 1996. Plants used in snake, scorpion and insect/stings by Adibasis of Jhabua (M.P.) India. Journal of Economic and Taxonomic Botany 12 : 199-200.
116. ISLAM M., 1996. Ethnobotany of certain underground parts of plants of North-eastern region, India. Journal of Economic and Taxonomic Botany 12 : 338-343.
117. BEBAWI F. & NEUGEBOHRN L., 1991. A review of plants of Northern Sudan with special reference to their uses. Deutsche Gessellschaft für technische Zusammenarbeir, Eschborn, RFA, 296pp.
118. KRUSTRAK D., KUFTINEC J. & BLAZIVIC N., 1994., Composition of the essential oil of *Vitex agnus-castus* L.. Journal of Essential Oil Research, 6 (4): 341-344.
119. EL-TAHIR K.E.H., 1991. Pharmacological actions of magnoflorine and aristolochic acid-1 isolated from the seeds of *Aristolochia bracteata*. International Journal of Pharmacognosy 29 (2): 101-110.
120. SAGRERO NIEVES L., WALLER G.R. & SGARAMELLA R.P., 1993. The composition of the essential oil from Aristolochia asclepiadifolia Brandg. Root. Flavour

and Fragrance Journal, 8 (1) : 11-15.

121. MANIMEGALAI S. & RAKKIMUTHU G., 2012. Phytochemical screening of stem of Couroupita guianensis. International Journal of Pharmaceutical Sciences and Research 3 (11) : 4434-4437.
122. KAPURS.K., NANDA S. & SRIVASTAVA T.N., 1996. Ethnobotanical uses of RRL – Herbarium-III. Journal of Economic and Taxonomic Botany 12 : 50-55.
123. AHMAD AL SAFI, 1970. Native medicine in the Sudan. Sudan Research Unit, Univ. Khartoum.
124. SHARMA P.K., DHYANI S.K. & SHANKER V., 1979. Some useful and medicinal plants of the district dehradun and Siwalik. Journal of Science Research in Plant Medicine 1 : 17-43.
125. http://himalayahealthcare.com/pages/Ayuravedicherbuses.htm
126. ADJANOHOUN E., AHYI M.R.A., AKE ASSI & coll., 1991. Contribution to ethnobotanical and floristic studies in Western Nigeria. CSTR-OUA, 420pp.
127. http://www.herbies-herbs.com/pages/Ayuravedicherbuses.html
128. ADJANOHOUN E., AHYI M.R.A., AKE ASSI & coll., 1986. Contribution aux études éthnobotanique et floristique au Togo. Agence de coopération culturelle et technique, Paris, 671pp.
129. BOUQUET A., 1969. Féticheurs et médecines traditionnelles du Congo (Brazzaville). Mémoires de l' ORSTOM, 36, 282pp.
130. EL GHAZALI G.E.B., 1986. Medicinal plants of the Sudan. Part 1: Medicinal plants of Erkowit. Medicinal and aromatic plants Institute council for research, Khartoum, 55pp.
131. SUMAN BHALLA, PATEL J.R. & BHALLA N.P., 1996. Ethnomedicinal observations on some Asteraceae of Bundelkhand region, Madhya Pradesh. Journal of Economic and Taxonomic Botany 12 : 175-178.
132. SHAKHAWAT G.S. & SUNIL ANAND, 1984. An ethnobotanical profile of Indian desert. Journal of Economic and Taxonomic Botany 5 : 591-598.
133. HUSSAIN H.S.N. & KARATELA Y.Y., 1989. Traditional medicinal plants used by Hausa tribe of Kano State of Nigeria. International Jounal of Crude Research 27 (4) : 211-216.
134. PALAYER P., 1977. Lexique de plantes du pays Sar. Plantes spontanées et cultivées. Collège Charles Lwanga, Sahr-Tchad, tome 2, 78pp.
135. MAHESWARI J.K., SINGH K.K. & SAHA S., 1986. Ethnobotany of tribals of

Mirzapur district, U.P.. National Botanic Research Institute, Lucknow.

136. KOKWARO J.O., 1976. Medicinal plants of east Africa. East African literature bureau, Kampala, Nairobi, Dar Es Salam, 368pp.
137. PEDRO L.G., BARROSO J.G., MARQUES N.T., ASCENSAO L., PAIS M.S.S. & SCHEFFER J.J.C., 1991. Composition of the essential oil from sepals of *Leonotis leonurus* R.Br. Journal of Essential Oil Research 3 (6): 451-453.
138. MANDAL S.K. & BASU S.K., 1996. Ethnobotanical studies among some tribals of Nilgiri district, tamilnadu. Journal of Economic and Taxonomic Botany 12 : 268-271.
139. HOSAGOUDAR V.B. & HENRY A.N., 1996. Ethnobotany of tribes Irular, Kurumban and Panyian of Nilgiris in Tamil Nadu, southern India. Journal of Economic and Taxonomic Botany 12 : 272-283.
140. ARNOLD N., VALENTINI G., BELLOMARIA B. & ARNOLD H.J., 1993.Contribution à l'étude chimique de l'huile essentielle de *Nepeta parnassica* Heldr. & Sart. Ex Boiss.. Plantes Médicinales et Phytothérapie, 26 (2) : 149-157.
141. HEINE B. & KÖNIG C., 1988. Plant concepts and plant use. An ethnobotanical survey of the semi-arid and arid lands of East Africa. Part 2: Plants of the So (Uganda). Cologne Development Studies Verlag Breitenbach Pub., Saarbrücken, Fort Lauderdale, 142pp.
142. http://www.ncl.ac/uk/medplant
143. AINSLIE J.R., 1937. A list of plants used in native medicine in Nigeria. Imperial Forestry Institute, University of Oxford, Institute Paper n°7.
144. AHMED F.B. & ISMAIL G., 2003. Medicinal plants used by Kadazandusun communities around Crocker Range. ASEAN Review of Biodiversity & Enviromment Conservation (ARBEC).
145. SINGH A.K., SINGH R.N. & SINGH S.K., 1987. Some ethnobotanical plants of Terai region of Gorakhpur district. Journal of Economic and Taxonomic Botany 9 : 407-410.
146. ARACHANA BANERJEE, 1996. Medicinal uses of some flowers by Santhals of West Bengal. Journal of Economic and Taxonomic Botany 12 : 314-317.
147. PERROT E. & PARIS R., 1971. Les plantes médicinales. 2 volumes, Vendôme : P.U.F.
148. IQBAL I. & HAMAYUN M., 2000. Studies on the traditional uses of plants of Malam Jabba valley, Distrcit Swat, Pakistan. http://www.siu.edu/ ebl/leaflets/jabba.htm
149. SINGH V. & PANDEY R.P., 1998. Ethnobotany of Rajasthan, India. Scientific Publishers, Jodhpur.

150. UAWONGGUL N., CHAVEERACH A., THAMMASIRIRAK S., ARKARAVICHIEN T., CHUACHAN C. & DADUANG S., 2006. Screening of plants acting against *Heterometrus laoticus* scorpion venom activity on fibroblast cell lysis. Journal of Ethnopharmacology 103 (2): 201-207.
151. TALAPATRA B., PATRA A, & TALAPATRA S.K., 1975. Terpenoids and alkaloids of the leaves of *Tabernaemontana coronaria*. Phytochemistry, 14: 1652-1653.
152. SAVONNET G., 1973. Quelques notes sur l'utilisation de la flore arborée et arbustive en pays Lobi au sud du Gaoua. Notes et Documents Voltaïques, 2 : 29-35.
153. GRENAND P., MORETTI C. & JACQUEMIN H., 1987. Pharmacopées traditionnelles en Guyane. Créoles, Palikur, Wayàpi. Mémoires de l'ORSTOM n°108 : 586pp.
154. GONZALEZ CHEVEZ L. & HERSCH MARTINEZ P., 1993. Galenic herbal preparations in contemporary health programs an applied experience in Mexico. Actes 2° Colloque Européen d'Ethnopharmacology, Heidelberg, 24-27 mars 1993 : 201-202.
155. FRESQUET J.L., AGUIRRE C., BAGUENA M.J., LOPEZ M.L. & TRONCHONI J.A., 1993. Plantes médicinales d'usage populaire dans la région de la Ribera Alta (Valencia, Espagne) . Actes 2° Colloque Européen d'Ethnopharmacology, Heidelberg, 24-27 mars 1993 : 207-214.
156. MAIZA K., BRAC DE LA PERRIERE R.A. & HAMMICHE V., 1993. Pharmacopée traditionnelle sharienne : Sahara septentrional. Actes 2° Colloque Européen d'Ethnopharmacology,. Heidelberg, 24-27 mars 1993 : 169-171.
157. SALUD PEREZ G., VARGAS R.S., ZAVALA M.A.S., CUAUHTEMOC PEREZ G. & PEREZ R.M.G., 1993. Hypoglycemic effect of *Salpianthus arenarius* root. Actes 2° Colloque Européen d'Ethnopharmacology,. Heidelberg, 24-27 mars 1993 : 309-310.
158. MILLIKEN W. & ALBERT B., 1996. The use of medicinal plants by the Yanomami indians of Brazil. Economic Botany 50 (1): 10-25.
159. GARBA A., 1997. Useful plants in the Chad region of North-East Nigeria. pp114-121. Séminaire du réseau Méga-Tchad, Sèvres, 18-20 septembre 1991, "L'homme et le milieu végétal dans le bassin du lac Tchad", ORSTOM Editions.
160. HAMMICHE V. & MAIZA K., 2006. Traditional medicine in Central Sahara : Pharmacopoeia of tassili N'ajjer. Journal of Ethnopharmacology 105 (3) : 358-367.
161. JAGTAP S.D., DEOKULE S.S. & BHOSLE S.V., 2006. Some unique ethnomedicinal uses of plants used by the Korku tribe of Amravati District of Maharashtra, India. Journal of Ethnopharmacology 107 (3) : 463-469.

162. MARWAH R.G. & al., 2007. Antioxidant capacity of some edible and wound healing plants in Oman. Food Chemistry 101 (2) : 465-470.
163. ABURJAI T., HUBAIB M., TAYYEM R., YOUSEF M. & QISHAWI M., 2007. Ethnopharmacological survey of medicinal herbs in Jordan, the Ajloun Heights region. Journal of Ethnopharmacology 110 (2) : 294-304.
164. GIDAY M., TEKLEHAYMANOT T., ANIMUT A. & MEKONNEN Y., 2007. Medicinal plants of the Shinasha, Agew-awi and Amhara peoples in northwest Ethiopia. Journal of Ethnopharmacology 110 (3) : 516-525.
165. HONIGBERGER J.M., 1852. Thirty-five years in the east, adventures, discoveries, experiments, and historicals shetches relating to the Punjab and cashmere ; in connection with an original Materia medica ; and a medical vocabulary, in four European and five Eastern languages. London : Bailliere H. ed., 448pp.
166. SCHOPEN A., 1983. Traditionelle Heilmittel im Jemen. Wiesbaden : Steiner F. ed.
167. ADJANOHOUN E.J. & coll., 1980. Médecine traditionnelle et pharmacopée. Contribution aux études ethnobotaniques et floristiques au Niger. Agence de Coopération Culturelle et Technique, paris, 251pp.
168. LANS C., 2007. Comparison of plants used for skin and stomach problems in Trinidad and Tobago with Asian ethnomedicine. Journal of Ethnobiology and Ethnomedicine 3 (3) : 1-12.
169. MAREGESI S.M., NGASSAPA O.D., PIETERS L. & VLIETINCK A.J., 2007. Ethnopharmacological survey of the Bunda district, Tanzania : Plants used to treat infectious diseases. Journal of Ethnopharmacology 113 : 457-470.
170. IGNACIMUTHU S., AYYANAR M. & SIVARAMAN S.K., 2006. Ethnobotanical investigations among tribes in Madurai District of Tamil Nadu (India). Journal of Ethnobiology and Ethnomedicine 2 (25) : 1-7.
171. KALA C.P., DHYANI P.P. & SAJWAN B.S., 2006. Developing the medicinal plants sector in northern India : challenges and opportunities. Journal of Ethnobiology and Ethnomedicine 2 :25.
172. UDAYAN P.S., SATHEESH G., TUSHAR K.V. & BALACHANDRAN I., 2006. Medicinal plants used by the Malayali tribe of Servarayan Hills, Yercad, Salem District, Tamil Nadu, India. Zoos' Print Journal 21(4) : 2223-2224.
173. JALALIA A., VATANPOUR H., BAGHERI KHALILI M., AYATOLLAHI M. & KAMALINEJAD M., 2006., The antitoxicity effects of *Parkinsonia aculeate* against

scorpion venom (*Buthotus saulcyi*) : in vivo and in vitro studies. Journal of Medicinal Plants 5(17) : 59-69.

174. CHOPRA R.N., 1933. Indigenous drugs of India : their medical and economic aspects. Calcutta : The Art Press, 816pp.
175. SIKDAR M. & DUTTA U. , 2008. Traditional phytotherapy among the Nath people of Assam. Ethno-Medicine 2 (1) : 39-45.
176. ELAGAMI A.A., ALMAGBOUL A.Z., OMER M.E.A. & EL TOHAMI M .S., 2001. Sudanese plants used in folkloric medicine : screening for antibacterial activity. Part X. Fitoterapia 72 (7) : 810-817.
177. YADAVA, 1999. A new cardenolide from the seeds of *Prosopis spicigera*. Fitoterapia 70 (3) : 284-286).
178. HAQUE N., CHOWDURY S.A.R., NUTAN M.T.H., RAHMAN G.M.S., RAHMAN K.M. & RASHID M.A., 2000. Evaluation of antitumor of some medicinal plants of Bangladesh by potato disk bioassya. Fitoterapia, 71 (5) : 547-552.
179. PAUL R.K., JABABR A. & RASHID M.A., 2000. Antiulcer activity of *Mikania cordata*. Fitoterapia 71 (6) : 701-703.
180. GIRISH K.S., MOHANAKUMARI H.P., NAGARAJU S., VISHWANATH B.S. & KEMPARAJU K., 2004. Hyaluronidase and protease activities from Indian snake venoms : neutralization by *Mimosa pudica* root extract. Fitoterapia 75 (3-4) : 378-380.
181. IGNACIMUTHU S., AYYANAR M. & SANKARASIVARAMAN K., 2008. Ethnobotanical study of medicinal plants used by Paliyar tribals in Theni district of Tamil Nadu, India. Fitoterapia 79 (7-8) : 562-568.
182. SHARMA H.K., CHHANGTE L. & DOLUI A.K., 2001. Traditional medicinal plants in Mizoram, India. Fitoterapia 72 (2) : 146-161.
183. SINGH A. & SINGH P.K., 2008. An ethnobotanical study of medicinal plants in Chaudauli Distrci of Uttar Pradesh, India. Journal of Ethnopharmacology 121 (2) : 324-329.
184. MUKHERJEA P.K., KUMAR V., KUMAR N.S. & HEINRICH M., 2008. The Ayurvedic medicine *Clitoria ternatea* - From traditional use to scientific assessment. Journal of Ethnopharmacology 120 (3) : 291-301.
185. WALKER C.I.B., TREVISAN G., ROSSATO M.F., FRANCISCATO C., PEREIRA M.E., FERREIRA J. & MANFRON M.P., 2008. Antinociceptive activity of *Mirabilis jalapa* in mice. Journal of Ethnopharmacology 120 (2) : 169-175..

186. COE F.G., 2008. Rama midwifery in eastern Nicaragua. Journal of Ethnopharmacology 117 (1) : 136-157.
187. AJIBESIN K.K., EKPO B.A., BALA D.N., ESSIEN E.E. & ADESANYA S.A., 2008. Ethnobotanical survey of Akwa Ibom State of Nigeria. Journal of Ethnopharmacology 115 (3) : 387-408.
188. ADAMS M., GMÜNDER F. & HAMBURGER M., 2008. Plants traditionally used in age related brain disorders – A survey of ethnobotanical literature. Journal of Ethnopharmacology 113 (3) : 363-381.
189. Van WYK B.E., 2008. A review of Khoi-San and cape Dutch medical ethnobotany. Journal of Ethnopharmacology 119 (3) : 331-341.
190. GAUTAM R., SAKLANI A. & JACHAK S.M., 2008. Indian medicinal plants as a source of antimycobacterial agents. Journal of Ethnopharmacology 110 (2) : 200-234.
191. ADEBIYI R.A., ELSA A.T., AGAIE B.M. & ETUK E.U., 2006. Antinociceptive and antidepressant like effects of *Securidaca longepedunculata* root extract in mice. Journal of Ethnopharmacology 107 (2) : 234-239.
192. KÜPELI E., KARTAL M., ASLAN S. & YESILADA E., 2006. Comparative evaluation of the anti-inflammatory and antinociceptive activity of Turkish *Eryngium* species. Journal of Ethnopharmacology 107 (1) : 32-37.
193. LUKHOBA C.W., SIMMONDS M.S.J. & PATON A.J., 2006. *Plectranthus* : A review of ethnobotanical uses. Journal of Ethnopharmacology 103 (1) : 1-24.
194. SHINWARI Z.K. & GILANI S.S., 2003. Sustainable harvest of medicinal plants at Bulashbar Nullah, Astore (Northern Pakistan). Journal of Ethnopharmacology 84 (2-3) : 289-298.
195. ALI-SHTAYEH M.S., YAGHMOUR R.M.R., FAIDI Y.R., SALEM K. & AL-NURI M.A., 1998. Antimicrobial activity of 20 plants used in folkloric medicine in the Palestinian area. Journal of Ethnopharmacology 60 (3) : 265-271.
196. OSBORN D.J., 1968. Notes on medicinal and other uses of plants in Egypt. Economic Botany, 22 (2) : 165-177.
197. VASCONCELOS F., SAMPAIO S.V., GAROFALO M.A.R., GUIMARAES L.F.L., GIGLIO J.R. & ARANTES E.C., 2004. Insulin-like effects of *Bauhinia forficata* aqueous extract upon *Tityus serrulatus* scorpion envenoming. Journal of Ethnopharmacology 95 (2/3) : 385-392.
198. ALI H., KÔNIG G.M., KHALID S.A., WRIGHT A.D. & KAMINSKY R., 2002.

Evaluation of selected Sudanese medicinal plants fot their in vitro activity against hemoflagellates, selected bacteria, HIV-1-RT and tyrosine kinase inhibitory, and for cytotoxicity. Journal of Ethnopharmacology 83 (3) : 219-228.

199. VETRICHELVAN T. & JEGADEESAN M., 2002. Anti-diabetic activity of alcoholic extract of *Aerva lanata* (L.) Juss. Ex Schultes in rats. Journal of Ethnopharmacology 80 (2-3) : 103-107.
200. HERNANDEZ M.M., HERASO C., VILLAREAL M.L., VARGAS-ARISPURO I. & ARANDA E., 1999. Biological activities of crude plant extracts from *Vitex mollis* L. (Verbenaceae). Journal of Ethnopharmacology 67 (1) : 37-44.
201. JALALPURE S.S., AGRAWAL N., PATIL M.B., CHIMKODE R. & TRIPATHI A., 2008. Antimicrobial and wound healing activities of leaves of *Alternathera sessilis* Linn. International Journal of Green Pharmacy 2 (3) : 141-144.
202. MOHALE D.S., DEWANI A.P., SAOJI A.N. & KHADSE C.D., 2008. Antihyperlipidemic activity of isolated constituents from the fruits of *Lagenaria siceraria* in albino rats. International Journal of Green Pharmacy 2 (2) : 104-107.
203. MULE S.N., PATIL S.B., NAIKWADE N.S. & MAGDUM C.S., 2008. Evaluation of antinociceptive and anti-inflammatory activity of *Gynandropsis pentaphylla* Linn. International Journal of Green Pharmacy 2 (2) : 87-90.
204. JAIN A., KATEWA S.S., GALAV P.K. & NAG A., 2007. Unrecorded ethnomedicinal uses of biodiversity from Tadgarh-Raoli Wildlife Sanctuary, Rajasthan, India. Acta Botanica Yunnanica 29 (3) : 337-344.
205. MUTHU C., AYYANAR M., RAJA N. & IGNACIMUTHU S., 2006. Medicinal plants used by traditional healers in Kancheepuram District of Tamil Nadu, India. Journal of Ethnobiology and Ethnomedicine 2 (43) : 1-10.
206. FLATIE T., GEDIF T., ASRES K. & GEBRE-MARIAM T., 2009. Ethnomedical survey of Berta ethnic group Assosa Zone, Benishangul-Gumuz regional state, mid-west Ethiopia. Journal of Ethnobiology and Ethnomedicine 5 (14) : 1-11.
207. KALA C.P., 2009. Aboriginal uses and management of ethnobotanical species in deciduous forest of Chhattisgarh state in India. Journal of Ethnobiology and Ethnomedicine 5 (20) : 1-9..
208. JERNIGAN K.A., 2009. Barking up the same tree : a comparison of ethnomedicine and canine ethnoveterinary medicine among the Aguaruna. Journal of Ethnobiology and Ethnomedicine 5 : 33.

209. RODRIGUEZ-LOPEZ V., FIGUEIROA-SUAREZ M.Z., RODRIGUEZ T. & ARANDA E., 2007. Insecticidal activity of *Vitex mollis*. Fitoterapia, 78 : 37-39.
210. TEKLEHAYMANOT T. & GIDAY M., 2010. Quantitative ethnobotany of medicinal plants used by Kara and Kwego semi-pastoralist people in lower Omo River Valley, Debud Omo Zone, Southern Nations, Nationalitis and Peoples Regional State, Ethiopia. Journal of Ethnopharmacology 130 : 76-84.
211. TUSHAR, S. BASAK, SARMA G.C. & RANGAN L., 2010. Ethnomedical uses of Zingiberaceous plants of Notheast India. Journal of Ethnopharmacology 132 (1) : 286-296.
212. MUSHAROF HOSSAIN M., 2011. Therapeutic Orchids : Traditional uses and recent advances - An overview. Fitoterapia, 82 (2) : 102-140.
213. VANILA D., GHANTHIKUMAR S. & MANICKAM V.S., 2008. Ethnomedicinal uses of plants in the Plains Area of the Tirunelveli-District, Tamilnanu, India. Ethnobotanical Leaflets 12 : 1198-1205.
214. VIKNESHWARAN D., VIJI M. & RAJA LAKSHMI K., 2008. A survey of the ethnomedicinal flora of the Sirumalai Hills, Dindugul District, India. Ethnobotanical Leaflets 12 : 948-953.
215. SWARUKAR S. & KATEWA S.S., 2008. Ethnobotanical observation on tuberous plants from Tribal Area of Rajasthan (India). Ethnobotanical Leaflets 12 : 647-666.
216. MURTHY E.N., SUDHAKAR REDDY C., REDDY K.N. & RAJU V.S., 2008. Ethnomedicinal observations from the Maha-Mutharam and Yamanpally tribal vilalges of karimangar, East Forest Division of Andhra Pradesh, India. Ethnobotanical Leaflets 12 : 513-519..
217. VENKAT RAMANA M., 2008. Ethnomedicinal and ethnoveterinary plants from Boath, Adilabad district, Andhra Pradesh, India. Ethnobotanical Leaflets 12 : 391-400.
218. PANT S. & VERMA S., 2008. Ethnobotanical notes on tree species of Pir panjal Biodiversity Park of Baba Ghulam Shah Badshah University, Rajouri, J&K, India. Ethnobotanical Leaflets 12 : 404-412.
219. JEGAN G., KAMALRAJ P. & MUTHUCHELIAN K., 2008. Medicinal plants in Tropical Evergreen Forest of Pachakumachi Hill, Cumbum Valley, Western Ghats, India. Ethnobotanical Leaflets 12 : 254-260.
220. SAJEM A.L., ROUT J. & NATH M., 2008. Traditional tribal knowledge and status of some rare and endemic medicinal plants of North Cachar Hills District of Assam,

Nordeast India. Ethnobotanical Leaflets 12 : 261-275.

221. KOTTAIMUTHU R., 2008. Ethnobotany of the Valaiyans of Karandamalai, Dindigul District, tamil Nadu, India. Ethnobotanical Leaflets 12 : 195-203.
222. MOHAN V.R., RAJESH A., ATHIPERUMALSAMI T. & SUTHA S., 2008. Ethnomedicinal plants of the Tirunelveli District, Tamil Nadu, India. Ethnobotanical Leaflets 12 : 79-95.
223. DASH P.K., SAHOO S. & BAT S., 2008. Ethnobotanical studies on Orchids of Niyamgiri Hill Ranges, Orissa, India. Ethnobotanical Leaflets 12 : 70-78.
224. KOCHE D.K., SHIRSAT R.P., IMRAN S., NAFEES M., ZINGARE A.K. & DONODE K.A., 2008. Ethnobotanical and ethnomedicinal survey of Nagzira Wild Life Sanctuary, District Gondia (M.S.), India-Part I. Ethnobotanical Leaflets 12 : 56-69.
225. HUSSAIN K., SHAHAZAD A. & ZIA-UL-HUSSNAIN S., 2008. An ethnobotanical survey of important wild medicinal plants of Hattar District Haripur, Pakistan. Ethnobotanical Leaflets 12 : 29-35.
226. De BRITTO A.J. & MAHESH R., 2007. Evolutionary medicine of Kani tribal's botanical knowledge in Agasthiayamalai Biosphere Reserve, South India. Ethnobotanical Leaflets 11 : 280-290.
227. PRUSTI A.B. & BEHERA K.K., 2007. Ethnobotanical exploration of Malkangiri District of Orissa, India. Ethnobotanical Leaflets 11 : 122-140.
228. MURALIDHARA RAO D. & PULLAIAH T., 2007. Ethnobotanical studies on some rare and endemic floristic elements of Eastern Ghatts-Hill Ranges of South East Asia, India. Ethnobotanical Leaflets 11 : 52-70.
229. UR-REHMAN E., 2006. Indigenous knowledge on medicinal plants, village Barali kass and its allied areas, District Kotli Azad Jammu & Kasmir, Pakistan. Ethnobotanical Leaflets 10 : 254-264.
230. MURALIDHARA RAO D., BHASKARA RAO U.V.U. & SUDHARSHANAM G., 2006. Ethno-medico-botanical studies from Rayalassema Region of Southern Eastern Ghats, Andhra Pradesh, India. Ethnobotanical Leaflets 10 : 198-207.
231. SUDHAKAR REDDY Ch., REDDY K.N., PATTANAIK C. & RAJU V., 2006. Ethnobotanical observations on some endemic plants of eastern Ghats, India. Ethnobotanical Leaflets 10 : 82-91.
232. HUSSAIN M., MUTJABA SHAH G. & AJAB KHAN M., 2006. Traditional medicinal and economic uses of Gymnosperms of Kaghan Valley, Pakistan ». Ethnobotanical

Leaflets 10 : 72-81.

233. AHMAD M., AJAB KHAN M., MANZOOR S., ZAFAR M. & SULTANA S., 2006. Check list of medicinal flora of Tehsil Isakhel, District Mianwali-Pakistan. Ethnobotanical Leaflets 10 : 41-48.
234. SATURAS S.N.A., VENKATA RATMAN K., TIRUPATHI REDDY G. & VENKATA RAJU R.R., 2008. Taxonomic validation of crude drugs used for poisonous bites by Adivasis of Rayalaseema Region, Andhra Pradesh. Ethnobotanical Leaflets 12 : 934-937.
235. HAMAYUN M., 2005. Ethnobotanical studies of some useful shrubs and trees of District Buner, NWFP, Pakistan. Ethnobotanical Leaflets 1 : article 43.
236. ARSHAD M. & AHMAD M., 2005. Medico-botanical investigation of medicinally important plants from galliyat Areas, NWFP (Pakistan). Ethnobotanical Leaflets 1: article 23.
237. IQBAL I. & HAMAYUN M., 2005. Studies on the traditional uses of plants of Malam Jabba valley, District Swat, Pakistan. Ethnobotanical Leaflets 1 :article 32.
238. AFOLAYAN A.J. & SUNMONU T.O., 2010. *In vivo* studies on antidiabetic plants used in South African herbal medicine. Journal of Clinical Biochemistry and Nutrition 47 (2) : 98-106.
239. NADEMBEGA P., BOUSSIM J.I., NIKIEMA J.B., POLI F. & ANTOGNONI F., 2011. Medicinal plants in Baskoure, Kourittenga Province, Burkina Faso : An ethnobotanical study. Journal of Ethnopharmacology 133 : 378-395..
240. Fondation PROTA, 2008. Plantes médicinales 1. Resources végétales de l'Afrique tropicale 11 (1). Wageningen, Pays-bas, 870pp.
241. LOUPPE D., OTENG-AMOAKO A.A. & BRINK M., 2008. Bois d'oeuvre 1, volume 7. PROTA, 785pp.
242. Fondation PROTA, 2004. Ressources végétales de l'Afrique tropicale 2 : légumes . Blackhuys Publishers, 736pp.
243. http://www.herbalsafety.utep.edu
244. SUDHAKAR REDDY C., GOPAL KRISHNA P. & RAJU V.S., 2008. Phytotherapy at rural communities : A case study from the Gonds of Warangal District, Andhra Pradesh, India. Research Journal of Botany 3 (2) : 97-102.
245. ANDEMARIAM S.W., 2010. Legislative regulation of traditional medicinal knowledge in Eritrea vis-à-vis Eritrea's Commitments under the Convention on Biological

Diversity : Issues ans Alternatives. LEAD Journal 6(2) : 133-162.

246. RAGUNATHAN M. & ABAY S.M., 2009. The study of spiritual remedies on orthodox rural churches and traditional medicinal practice in Gondar Zuria district, Northwestern Ethiopia. PHCOG Journal 1 (3) : 178-183.
247. KOCYIGIT M. & ÖZHATAY N., 2006. Wild plants used as medicinal purpose in Yalova (Northwest Turkey). Turkish Journal of Pharmaceitical Sciences 3 (2) : 91-103.
248. UMAPRIYA T., RAJENDRAN A., ARAVINDHAN V., BINU T. & MAHARAJAN M., 2010. Traditional medication of Namakhal District, Tamil Nadu. Global Journal of Pharmacology 4 (3) : 107-110.
249. GANGWAR K.K., DEEPALI & GANGWAR R.S., 2010. Ethnomedical plant diversity in Kumaun Himalaya of Uttarakhand, India. Nature and Science 8 (5) : 66-78.
250. JAN G., KHAN M.A., GUL F., AHMAD M., JAN M. & ZAFAR M., 2010. Ethnobotanical study of common weeds of Dir Kohistan Valley, Khyber Pakhtoonkhwa, Pakistan. Pakistan . Journal of Weed Science Research 16 (1) : 81-88 .
251. JAN G., KHAN M.A., SIRAJ ud din, MURAD W., HUSSEIN M., & GHANI A., 2008. Herbal remedies used for gastrointestinal disorders in Kaghan Valley, NWFP, Pakistan. Pakistan Journal of Weed Science Research 14 (3-4) : 169-200 .
252. YARU A.H., ANUKA J.A., SALAWU O.A. & MAGAJI M.G., 2007. Anticonvulsant activities of methanol extract of *Chrysanthellum indicum* Linn. Vatke in mice and chicks. Nigerian Journal of Pharmaceutical Sciences, 6 (2) : 22-27.
253. EGHAREVBA R.K.A. & IKHATUA M.I., 2008. Ethno-medical uses of plants in the treatment of various skin diseases in Ovia North east, Edo State, Nigeria. Research Journal of Agriculture and Biological Sciences 4 (1) : 58-64.
254. CHAUDHARY M.I., HE Q., CHENG Y.Y. & XIAO P.G., 2006. Ethnobotany of medicinal plants from Tian Mu Shan Biosphere Reserve, Zhejiang-Province, China. Asian Journal of Plant Sciences 5 (4) : 646-653.
255. SAMY R.P., PUSHPARA P.N. & GOPALAKRISHNAKONE P., 2008. A compilation of bioactive compounds from Ayurveda. Bioinformation 3 (3) : 100-110.
256. MEENA A.K. & RAO M.M., 2010. Folk herbal medicines used by the Meena community in Rajasthan . Asian Journal of Traditional Medicines 5 (1) : 19-31.
257. SARPER F., AKAYDIN G., SIMSEK I. & YESILADA E., 2009. An ethnobotanical field survey in the Haymana District of Ankara Province in Turkey. Turkish Journal of Biology 33 : 79-88.

258. KUNWAR R.M., UPRETY Y., BURLAKOTI C., CHOWDHARY C.L. & BUSSMANN R.W., 2009. Indigenous use and ethnopharmacology of medicinal plants in Far-west Nepal. http://www.ethnobotanyjournal.org/vol7/i1547-3465-07-005.pdf

259. KAMBLE S.Y., PATIL S.R., SAWANT P.S., SAWANT S., PAWAR S.G. & SINGH E.A., 2010. Studies on plants used in traditional medicine by *Bhilla* tribe of Maharashtra. Indian Journal of Traditional Knowledge 9 (3) : 591-598.

260. PANHWAR A.Q. & ABRO H., 2007. Ethnobotanical studies of Mahal Kohistan (Khirthar National Park). Pakistan Journal of Biology 39 (7) : 2301-2315.

261. RAMAKRISHNAN N., PANDIAN G., SAMPATH KUMAR S. & HARIPRASAD P., 2001. Medicinal plant diversity in Tiruvannamalai Hill, Tiruvannamalai, Tamil Nadu. National Symposium On Medicinal Plants 1-6.

262. VENKATA RATNAM K. & VENKATA RAJU R.R., 2008. Folk remedies for insect bites from Gundlabrahmeswaram Wild Life Sanctuary, Andra Pradesh. Indian Journal of Traditional Knowledge 7 (3) : 436-437.

263. JAIN S. & AGRAWAL S., 2003. Herbal medication – An alternative curative system among Bhils in Udaipur District. Anthropologist 5 (3) : 141-147.

264. DELANG C.O., 2007. The role of medicinal plants in the provision of health care in Lao PDR. Journal of Medicinal Plants Research 1 (3) : 50-59.

265. HAIDAR ALI & QAISER M., 2009. The ethnobotany of Chitral Valley, Pakistan with particular reference to medicinal plants. Pakistan Journal of Biology 41 (4) : 2009-2041.

266. TILAAR M., WIH W.L., RANTI A.S., WASITAATMADJA S.M., SURYANINGSIH, JUNARDY F.D. & MAILY, 2008. Review of *Lansium domesticum* Corrêa and its use in cosmetics. Boletin Latinoamericano y del Caribe de Plantas Medicinales y Aromaticas 7 (4) : 183-189.

267. LING Y. , 1995. A new compendium of Materia Medica. Science Press, Beijing.

268. KUNWAR R.M., SHRESTHA K.P. & BUSSMANN R.W., 2010. Traditional herbal medicine in Far-west nepal : a pharmacological appraisal. Journal of Ethnobiology & Ethnomedicine 6 (35) : 1-18.

269. GARCIA D., VINICIUS DOMINGUES M. & RODRIGUES E., 2010. Ethnopharmacological survey among migrants living in the Southeast Atlantic Forest of Diadema, Sao Paulo, Brazil. Journal of Ethnobiology & Ethnomedicine 6 (29) : 1-19.

270. EKUE M.R.M., SINSIN B., EYOG-MATIG O. & FINKELDEY R., 2010. Uses, traditional management, perception of variation and preferences in ackee (*Blighia sapida*

K.D. Koenig) fruit traits in Benin : implications for domestication and conservation. Journal of Ethnobiology & Ethnomedicine 6 (12) : 1-14.

271. BURKILL H.M. (Ed.), 1997. The useful plants of West Tropical Africa, familles M-R. Volume 4. 2nd edition. Kew : Royal Botanic Gardens.
272. DAVID SAMUEL P., 2004. Medicinal plant biodiversity and tradiotional knowledge system of Maruthua Malai and Associated Hills of Souther Western Ghats. Thesis Mahathua Gandhi Univ., 252pp.
273. TOURENQ C., KHASSIM A., SAWAF M., SHURIQI M.K., SMART E., ZIOLKOWSKI M., BROOK M., SELWAN R. & PERRY L., 2009. Characterization of the Wadi Wurayah Catchment Basin, the first mountain protected area in the United Arab Emirates. International Journal of Ecology and Environmental Sciences 35 (4) : 289-311.
274. SHAH B.N., SETH A.K. & DESAI R.V., 2010. Phytopharmacological profile of *Lagenaria siceraria* : A review. Asian Journal of Plant Sciences 9 (3) : 152-157.
275. MOSADDEGH M., NAGHIBI F., MOAZZENI H., PIRANI A. & ESMAEILI S., 2012. Ethnobotanical survey of herbal remedies traditionally used in Kohghiluyeh va Boyer Ahmad province of Iran. Journal of Ethnopharmacology 141 (1) : 80-95..
276. CHOTCHOUNGCHATCHAI S., SARALAMP P., JENJITTIKUT T., PORNSIRIPONGSE S. & PRATHANTURARUG S., 2012; Medicinal plants used with Thai traditional medicine in modern healthcare services : A case study in Kabchoeng Hospital, Surin Province, Thailand. Journal of Ethnopharmacology 141 (1) : 193-205..
277. JABEEN A., KHAN M.A., AHMAD M., ZAFAR M. & AHMAD F., 2009. Indigenous uses of economically important flora of Margallah Hills National Park, Islamabad, Pakistan. African Journal of Biotechnology 8 (5) : 763-784.
278. RIUZ-TERAN F., MEDRANO-MARTINEZ A. & NAVARRO-OCANA A., 2008. Antioxidant and free radical scavenging activities of plant extracts used in traditional medicine in Mexico. African Journal of Biotechnoloy7 (12) : 1886-1893.
279. SINGH E.A, KAMBLE S.Y., BIPINRAJ N.K. & JAGTAP S.D., 2012. Medicinal plants used by the Thakar tribes of Raigad District, Maharashtra for the treatment of snake-bite and scorpion-bite. International Journal of Phytotherapy Research 2 (2): 26-30.
280. BURHILL H.M., 2000. The useful plants of west Africa. Vol.1. 2° édition. Royal Botanic Gardens, Kew. 976pp.
281. MOERMANN D.E., 1986. Medicinal plants of native America. Vol. 1. 534pp.

282. AYYANAR M. & IGNACIMUTHU S., 2005. Medicinal plants used by the tribals of Tirunelveli hills, Tamil Nadu to treat poisonous bites and skin diseases. Indian Journal of Traditional Knowledge, 4 (3) :229-236.
283. KUMAR A., TEWARI D.D. & TEWARI J.P., 2006. Ethnomedicinal knowledge among *Tharu* tribe of Devipatan division. . Indian Journal of Traditional Knowledge 5 (3) :310-313.
284. JAIN A., KATEWA S.S., GALAV P. & NAG A., 2008. Some therapeutic uses of biodiversity among the tribals of Rajasthan. Indian Journal of Traditional Knowledge 7 (2) :256-262.
285. SHEKHAWAT D. & BATRA A., 2006. Household remedies of Keshavraipatan tehsil in Bundi district, Rajasthan. Indian Journal of Traditional Knowledge 5 (3) :362-367.
286. GHATAPANADI S.R., JOHNSON N. & RAJASAB A.H., 2011. Documentation of folk knowledge on medicinal plants of Gulbarga district, Karnataka. Indian Journal of Traditional Knowledge 10 (2) :349-353.
287. MEENA K.L. & YADAV B.L., 2011. Some ethnomedicinal plants used by the *Garasia* tribe of district Sirohi, Rajasthan. Indian Journal of Traditional Knowledge 10 (2) :354-357.
288. JEEVA S., KIRUBA S., MISHRA B.P., VENUGOPAL N., DHAS S.S.M., REGINI C.S., KINGSTON C., KAVITHA A., SUKUMARAN S., RAJ A.D.S. & LALOO R.C., 2006. Weeds of Kanyakumari district and their value in rural life. Indian Journal of Traditional Knowledge 5 (4) : 501-509.
289. RAGUNATHAN M. & ABAY S.M., 2009. Ethnomedical survey of folk drugs used in Bahirdar Zuria district, Northwestern Ethiopia. Indian Journal of Traditional Knowledge 8 (2) : 281-284.
290. SEN S.K., SAHU P. & BEHERA L.M., 2010. Effect of *Pergularia daemia* (Forssk.) Chiov. Leaf latex in the treatment of jaundice at Bargath district in Orissa. Indian Journal of Traditional Knowledge 9 (4) : 775-778.
291. GANESAN S., VENKATESHAN G. & BANUMATHY N., 2006. Medicinal plants used by ethnic group Thottianaickans of Semmalai hills (reserved forest), Tiruchirappalli district, Tamil Nadu. Indian Journal of Traditional Knowledge 5 (2) : 245-252.
292. JAIN A., KATEWA S.S., SHARMA S.K., GALAV P. & JAIN V., 2011. Snakelore and indigenous snakebite remedies practiced by some tribals in Rajasthan. Indian Journal of

Traditional Knowledge 10 (2) : 258-268.

293. YESODHARAN K. & SUJANA K.A., 2007. Ethnomedicinal knowledge among *Malamalasar* tribe of Parambikulam wildlife sanctuary, Kerala. Indian Journal of Traditional Knowledge 6 (3) : 481-485.
294. HAMAYUN M., KHAN A., AFZAL S. & KHAN M.A., 2006. Study on traditional knowledge and utility of medicinal herbs of distrci Buner, NWFP, Pakistan. Indian Journal of Traditional Knowledge 5 (3) : 407-412.
295. MEENA K.L. & YADAV B.L., 2010. Some ethnomedicinal plants of Southern Rajasthan. Indian Journal of Traditional Knowledge 9 (1) : 169-172.
296. SINGH H., 2008. Importance of local names of some useful plants in ethnobotanical study. Indian Journal of Traditional Knowledge 7 (2) : 365-370.
297. REDDY K.N., TRIMURTHULU G. & SUDHAKAR REDY C., 2010. Plants used by the ethnic people of Krishna district, Andhra Pradesh. Indian Journal of Traditional Knowledge 9 (2) : 313-317.
298. NATARAJAN D., BALAGURU B., NAGAMURUGAN N., SOOSAIRAJ S. & NATARAJAN E., 2010. Ethno-medico-botanical survey in the Malligainatham village, Kandarvakottai Taluk, Pudukottai district, Tamil Nadu. Indian Journal of Traditional Knowledge 9 (4) : 768-774.
299. SHAMSI Y., KUMAR H., TAMANNA S.A. & KHAN E.A., 2006. Effect of a polyherbal Unani formulation on chronic urticaria. Indian Journal of Traditional Knowledge 5 (2) : 279-283.
300. PANDA A. & MISRA M.K., 2011. Ethnomedicinal survey of some wetland plants of South Orissa and their conservation. Indian Journal of Traditional Knowledge 10 (2) : 296-303.
301. SHUKLA A.N., SRIVASTAVA S. & RAWAT A.K.S., 2010. An ethnobotanical survey od medicinal plants of Rewa district,Madhya Pradesh. Indian Journal of Traditional Knowledge 9 (1) : 191-202.
302. RAO V.L.N., BUSI B.R., DHARMA RAO B., SESHGARI RAO Ch., BHARATHI K. & VENKAIAH M., 2006. Ethnomedicinal practices among *Khonds* of Visakhapatnam distict, Andhra Pradesh. Indian Journal of Traditional Knowledge 5 (2) : 217-219.
303. PATIL M.V. & PATIL D.A., 2005. Ethomedicinal practices of Nasik District, Maharashtra. Indian Journal of Traditional Knowledge 4 (3) : 287-290.
304. BHARDWAJ S. & GAKHAR S.K., 2005. Ethnomedicinal plants used by the tribals of

Mizoram to cure cuts & wounds. Indian Journal of Traditional Knowledge 4 (1) : 75-80.

305. LALFAKZUALA R., LALRAMNGHINGLOVA H. & KAYANG H., 2007. Ethnobotanical usages of plants in western Mizoram. Indian Journal of Traditional Knowledge 6 (3) : 486-493.
306. SARMAH R., ADHIKARI D., MAJUMDER M. & ARUNACHALAM A., 2008. Traditional medicobotany of *Chakma* community residing in the Northwestern periphery of Namdapha National Park in Arunachal Pradesh. Indian Journal of Traditional Knowledge 7 (4) : 587-593.
307. SAMAL P.K., DHYANI P.P. & DOLLO M., 2010. Indigenous medicinal practices of *Bhotia* tribal community in Indian Central Himalaya. Indian Journal of Traditional Knowledge 9 (1) : 140-144.
308. SHARMA J., PAINULI R.M. & GAUR R.D., 2010. Plants used by the rural communities of district Shahjahanpur, Uttar Pradesh. Indian Journal of Traditional Knowledge 9 (4) : 798-803.
309. ROUT S.D. & PANDA S.K., 2010. Ethnomedicinal plant resources of Mayaurbhanj district, Orissa. Indian Journal of Traditional Knowledge 9 (1) : 68-72.
310. JAIN D.L., BAHETI A.M., JAIN S.R. & KHANDELWAL K.R., 2010. Use of medicinal plants among tribes in Satpuda region of Dhule and Jalgaon districts of Maharashtra – An ethnobotanical survey. Indian Journal of Traditional Knowledge 9 (1) : 152-157.
311. NAYAK S., BEHERA S.K. & MISRA M.K., 2004. Ethno-medico-botanical survey of Kalahandi distict of Orissa. Indian Journal of Traditional Knowledge 3 (1) : 72-79.
312. SHARIEF M.U., KUMAR S., DIWAKAR P.G. & SHARMA T.V.R.S., 2005. Traditional phytotherapy among Karens of Middle Andaman. Indian Journal of Traditional Knowledge 4 (4) : 429-436.
313. SILJA V.P., SAMITHA VARMA K. & MOHANAN K.V., 2008. Ethnomedicinal plant knowledge of the *Mullu kuruma* tribe of Wayanad distict, Kerala. Indian Journal of Traditional Knowledge 7 (4) : 604-612.
314. SRIVASTAVA R.C. & NYISHI COMMUNITY, 2010. Traditional knowledge of *Nyishi (Daffla)* tribe of Arunachal Pradesh. Indian Journal of Traditional Knowledge 9 (1) : 26-37.
315. KATEWA S.S. & GALAV P.K., 2005. Traditional herbal medicines from Shekhawati region of Rajasthan. Indian Journal of Traditional Knowledge 4 (3) : 237-245.

316. RANA MAN S. & SAMANT S.S., 2011. Diversity, indigenous uses and conservation status of medicinal plants in Manali wildlife sanctuary, Northwestern Himalaya. Indian Journal of Traditional Knowledge 10 (3) : 439-359.
317. SOUDAHMINI E., SENTHIL G.M., PANAYAPPAN L. & DIVAKAR M.C., 2005. Herbal remedies of Madugga tribes of Siruvani forest, South India. Natural Product Radiance 4 (6) : 492-499.
318. AHMED B., AL-HOWIRINY T.A., MOSSA J.S. & TAHIT K.E.H.E.L., 2005. Isolation, antihypertensive activity and structure activity relationship of flavonoids from tthree medicinal plants. Indian Journal of Chemsitry 44B : 400-404.
319. GUPTA V., 2006. Plants used in folklore medicine by *Bangnis* of east Kameng, Arunachal Pradesh. Natural Product Radiance 5 (1) : 52-59.
320. AHMAD S., ALI M. & ANSARI S.H., 2011. Phenolic constituents from the galls of *Pistacia integerrima* Stewart. Indian Journal of Chemsitry 50B : 115-118.
321. PRAKASH O., GONWAL M. & PANT A.K., 2011. Essential oils composition and antioxidant activity of water extract from seeds and fruit pulp of *Skimmia anquetilia* N.P. Taylor & Airy Shaw. Indian Journal of Natural Products and Resources 2 (4) : 435-441.
322. TAG H., DAS A.K. & LOYI H., 2007. Anti-inflamamtory plants used by the *Khamti* tribe of Lohit district in eastern Arunachal Pradesh, India. Natural Product Radiance 6 (4) : 334-340.
323. PATIL J.U. & BIRADAR S.D., 2011. Folkloric medicinal plants of Hingoli district, Maharashtra. Indian Journal of Natural Products and Resources 2 (1) : 92-101.
324. PATIL H.M. & BHASKAR V.V., 2006. Medicinal uses of plants by tribal medicine men of Nandurbar district in Maharashtra. Natural Product Radiance 5 (2) : 125-130.
325. PRABU M. & KUMUTHAKALAVALLI R., 2012. Folk remedies of medicinal plants for snake bites, scorpion stings and dog bites in eastern Ghats of Kolli hills, Tamil Nadu, India. International Journal of Research in Ayurveda and Pharmacy 3 (5) : 696-700.
326. SREEDHARAN T.P., 2004. Biological diversity of Kerala : A survey of Kalliasseri *panchayat*, Kannur district. Discussion Paper n°62. Kerala Research Programme on Local Level Development, Center for development Studies, Thiruvananthapuram.