

Table No. I

	Countries W. & N. of India							Countries S. & E. of India.							Further distribution				
	No. of spp. in each genus	Egypt	Arabia	Syria, Pales- tine, Asia- minor, etc.	Aralo-Turkis- tan	N. Asia	Persia	Afghanistan	Tibet	INDIA	Endemic in India	Ceylon	Malay penin- sula and is- lands	Indo-China & Siam	China	Japan	Formosa	Philippines	
I Ocimoideae	Ocimum	60	1	1	2			1	1	6	2	4	4	3	3	3	2		Tropics of Old world.
	Orthosiphon	100		1						13	//	2	1	8	4		1		Trop. Africa
	Mesona	8								1	1		2	2		1	2		
	Acrocephalus	40								4	3		1	1	2		2		Trop. Africa
	Geniosporum	15								3	2		2	1					Africa
	Platystoma	4								1									Trop. Africa
	Moschosma	6								1		1	1	1	1	1	1		10.
	Nosema	6								1			4	2					
	Ceratanthus	8								1			6	1					one in Australia
	Plectranthus	110	1			4		1	2	32	22	7	1	10	32	5	1	1	Trop. Africa, Australia
	Coleus	100								8	1	4	1	4	3	3	14		One in Trop. Africa
	Anisochilus	18								14	//	3	•	3	2				All tropical American.
	Hyptis	300								4		1	2	2		4	4		Europe
	Lavandula	28	4	7	3					2	2	4	-						
I Satureineae	Pogostemon	45						1		28	22	4	2	8	5	1	7		Australia
	Dysophylla	22								17	12	2	2	12	6	2	2	3	
	Colebrookia	1								1				1	1				
	Perilla	3								1			2	1	2	1			
	Mentha	30	2	2	4	2	6	5	2	2	2	1	1	2	2	1	1	2	Europe, Africa
																		Europe, Heyssinia.	

Table No. I (Contd.)

		Countries W. & N. of India										Countries S. & ^E of India					Further distribution																	
		No. of spp. in each genus	Egypt			Arabia			Syria, Palestine, Asia-Minor, etc.			Afghanistan			Tibet			India		Endemic in India		Ceylon		Malay peninsula and islands		Indo-China & Siam		China		Japan		Formosa		
II Satureinaeae (Contd.)	Elsholtzia	30																	14	7								19	1	2				
	Zataria	2																	2															
	Hyssopus	1																	1															
	Origanum	30(?)	1	1	10	1	1	2	1										1									1	1		Europe, one American.			
	Thymus	40	2	4	8	3	1	3											1									2			Europe, Africa, America			
	Satureia	20			4		2	6	1										1								4	5	2	Europe N. Africa				
	Micromeria	60	1	1	9		1	1	1	1									3	2											Cosmop., mostly European.			
	Calamintha	60			9		1	7	1	1								5-	1	1	1	1	2							N. Temp. zone. &				
	Melissa	7	1	1	1	1		1										2	1								1	1	1	Europe.				
	Mosla	12																1									5-	3	6	2	1			
	Lycopus	12			1		6	6										1									2	4	1	N. temp. region.				
II Monardeae	Perowskia	3				1		1	2	2	2																			Europe.				
	Meriandra	2		1															2	1													Tropical Africa, Abyssinia.	
	Salvia	550	8	10	47	2	2	45	11	3	24	8	2	2	2	2	2	42	8	4	2									Europe mostly, cosmopolitan.				
	Ziziphora	12	3	6	2	3	6	2			2																			Europe.				
V Nepeteae	Nepeta	150			20		7	40	19	14	41	14							1	11	4								Europe, N. Africa, Abyssinia					
	Dracocephalum	50			1	8	4	5-	6	9	3								1	10	1								N. temp. region, 2 or 3 in America.					

Table No. I (Contd.)

Countries W. & N. of India														Countries S. & E. of India.				
		No of spp. in each genus	Egypt	Arabia	Syria, Pales- tine, Asia minor, etc.	N. Asia	Persia	Afghanistan	INDIA	Endemic in India	Ceylon	Malay penin- sula and is- lands	Indo-China & Siam	China	Japan	Formosa	Philippines	Further distribution
<u>IV Nepeteae</u> (Contd.)	Lallemandia	4			3	1	4	1	1									Europe, Mediterranean region.
<u>V Stachydeae</u>	Scutellaria	200	1	6	4	14	9	4	22	12	3	1	11	22	12	3	3	Cosmopolitan, mostly in N. Hemisphere.
	Brunella	4		3		1	2	1	1		1	+	1	1	1	1		
	Marrubium	40	2	2	18	1	13	1	1	2				1				Europe, N. Africa, 1 in America
	Chamaesphacos	4			1		4		1									Europe.
	Craniotome	1							1		8		1	1				
	Anisomeles	8							4	2	2	2	1	1	1	1		Australia
	Achyrospermum	12							1							1		Tropical Africa
	Colquhounia	3							2			2	3					Abyssinia
	Molucella	3			3				1	1			+					
	Otostegia	10	1	1	3	5	3		2	1			+					Abyssinia
	Galeopsis	7		3	1	2	1	1	1				1			1		
	Lagochilus	22		7	14	1	7	1	1			+						
	Lamium	40	1	1	15-	1	3	10	1	2	3		4	3	1			
	Eriophyton	1							1	1			+					
	Leucas	110	1	2	1				1	43	32	6	3	7	4	2	5	
	Leonotis	20	1						1		1	1	1					Tropical & S. Africa.
	Microtoena	7							2	1		1	1	6				

Table No. I (Contd.)

Countries W. & N. of India

Countries S. & E. of India.

		No of spp. in each genus	Egypt	Arabia	Syria, Pales- tine, Asia minor, etc.	Aralo-Turki- stan	W. Asia	Persia	Afghanistan	Tibet	INDIA	Endemic in India	Ceylon	Malay penin- sula and is- lands	Indo-China & Siam	China	Japan	Formosa	Philippines	Further distribution.	
V Stachydeae (Contd.)	Stachys	210	1	3	38	1	3	23	4	2	10	1	1	2	6	1	2	1	2		
	Paralamium	1						2			1				1						
	Paraphlomis	4									1		1	2	2	1	2	1			
	Leonurus	8			1	1	4	#			2			1	2	2	2	1			
	Phlomis	70	1	3	20	2	4	16	5	2	11	6			12						
	Eremostachys	41	1		2	30		6	6		6	1									
	Roylea	1									1	1									
	Notochaete	1									1			1							
VI Prasieae	Gomphostemma	30									22	7	5	9	6		1				
II Ajugoideae	Leucosceptrum	2									1	1			1	2					
	Teucrium	100	3	5	22		4	10	3		17	9	1	5	8	5	1				
	Rubiteucriis	1	1								1			1		1					
	Ajuga	60	2	8			6	3	5	1				1	10	13	4	1			
	Eurysolen	1									1			1		1					
	Cymaria	3									2	1		1	1		1				

Mostly Europe (Mediterranean).

A D E C A D E O F N E W S P E C I E S O F

L A B I A T E / A E .

I N D I A , B U R M A A N D T I B E T .

S . K . Mukerjee.

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1. Acrocephalus palmensis Mukerjee Sp. nov. Species ex affinitate A. indica O. Kurz Benth, a qua foliis superioribus fere sessilibus basi multo latioribus textura crassioribus utrinque scaberrimis, spicis plerumque magis elongatis, bracteis medianis conspicuis recedit.

Herba erecta, 20-40 cm. alta, basi paulo liguosa, ramis quadrangularibus sulcatis puberulis. Folia breviter petiolata, 2-4.5 cm. longa, 5-12 cm. lata, anguste ovata vel obovata, apice acuta vel nunc obtuse, basi late cuneata, margine serrata, pilis scabridis utrinque conspersa, subtus ad venas densius; petiolus 1-3 mm. longus paulo alatus. Flores in spicas terminales cylindricas dense villosas 1-2 cm. longas, 6-10 mm. latae arcte aggregati; bracteae ovatae mucronatae 6 mm. longae, 7 mm. latae, dense villosae atque glandulosae, 12-15-florae. Calyx campanulatus, glandulosus extra villosus 2 mm. longus; labium inferius superiore integro multo brevius. Dentibus quatuor erectis acuminatis ciliatis praeditum; in fructu calyx ad 4 mm. longus. Corollae tubus paulo exsertus 2.5 mm. longus. Staminum filaments anteriora 1.5 mm. longa, posteriora 1 mm.; antherae reniformes. Stylus 2 mm. longus. Nuculae .7-.8 mm. longae, ovoideae, atrobrunneae, striatae, punctulatae.

Habitat:- Upper Palnis, Fischer 3001 & 3064, m. alt.

2. Acrocephalus verbenaefolius Watt MSS. Descript. Mukerjee. Species inter affines indicas valde distincta; proxima est A. spicatus C. B. Rob. ex insulis philippinensibus qui foliis glabris vel fere glabris inter alia differt.

Herba erecta, 50-70 cm. alta, internodiis praelongis,

ramis quadrangularibus sulcatis plus minusve scabridis.
Folia linearia vel anguste lanceolata, 3-8 cm. longa, 2-5 mm.
lata, sessilia vel subsessilis, basi sensim angustata, apice
acuta vel nunc acuminata, margine dentibus subremotis serrata,
utrinque plus minusve strigosa, glandulis bene notata, venis
in deutes excurrentibus infra conspicuis. Flores in spicas
terminales continuas dense villosas 1-3 cm, vel nunc 6-10 cm.
longas 6-12 mm. latus compositi; bracteae sessiles membranaceae
late ovatae mucronatae, 5 mm. longae, 7 mm. latae, pubescentes
atque glandulosae. Calyx campanulatus, 2 mm. longus, extra
dense villosus; labium superius margine serratulum; labium
inferius dentibus 4 erectis acuminatis subaequalibus ciliatis
praeditum; in fructa calyx ad 5-6 mm. auctus. Corollae
albae vel pallido-flavae tubus gracilis paulo exsertus 2.5 mm.
longus, labium superius subaequaliter 4-lobatum, inferius in-
tegrum. Filamenta anteriora 1.5 mm. longa, posteriora 1 mm.
Stylus 2 mm. longus. Nuculae .7-.8 mm. longae, ovoideae,
atro-brunneae, minute tuberculata.

Habitat:- Manipur, Watt (Kongalthana) 6632, and Meebold 6100.
Burma, Shweli valley, A. Rodger 108, Durer Vka, Lt. Sidney
Toppin, R.A., 4197, Kachin Hills Shaik Mokim 45 and Meebold
7643; Cachar, Prazer; E. Bengal, Griffith.

3. Dysophylla kachinensis Mukerjee, sp. nov. Species valde
affinis D. Helferi Hook. f. a qua foliis 3-natis minoribus
lanceolatis margine paulo revolutis spicis gracilioribus,
calyce nuculisque minoribus divergit.

Herba erecta nana, circ. 20 cm. alta, caule ramisque
gracilibus strictis glabris. Folia 3-nata, sessilia, 8-13

mm. longa, lanceolata, acuta, margine remote serrulata atque paulo revoluta (saltem in sicco), utrinque glabra, infra dense glanduloso-punctata, spicae numerosae, ramulos terminantes, 1-2.5 cm. longae, circ. 3 mm. latae, bracteis lanceolatis dense pubescentibus circ. 1 mm. longis. Calyx campanulatus in fructu 1 mm. longus, pubescens, dentibus triangularibus tubum medium acquantibus. Corolla ex collectore rubida, vix 1 mm. longa, tubo campanulato paulo exerto, labiis brevissimis, superiore longiore. Nuculae 3 mm. longae, orbiculares, brunneae, leves, nitidae.

Habitat:- Kachin Hills, Upper Burma, at Nakkaran, near Water. Dec. 1899. Shaik Mokim No. 52. Types in Herb. Calc. Also Metknia, Kachin Hills, Shaik Mokim No. 34.

4. Salvia Lacei Mukerjee, sp. nov. Species valde affinis S. santolinaefoliae Boiss. a qua foliis deltoideo-ovatis subtus conspicue glandulosis facile distinguitur; inter alia signa calyce valde glanduloso, labii superioris dentibus strictis notata; in S. Santolinaefolia dentes laterales ad medianum flectuntur.

Suffrutex nanus, ut videtur 20 cm. altus, ramulis numerosis strictis divaricatis gracilibus juventute dense albido-pubescentibus. Folia minima, petiolata, textura firma, rugosa; lamina deltoideo-ovata, obtusa, crenata 3-5 mm. longa, 2-4 mm. lata, utrinque minute hispida, subtus conspicue glandulosa; petiole inferiores laminam aequantes, superiores paulo breviores. Racemi terminales breves, nunc paniculati; bracteae circ. 1.5 mm. longae, ovatae, ciliatae. Calyx tubuloso-campanulatus, 3.5 mm. longus, fructu ad 5-6 mm.

auctus, longe villosus, glandulis conspicuis sessilibus
indutus; labium superius 3-dentatum, inferius 2-dentatum;
dentes omnes triangulares, stricti, tubo multo breviores.
Corolla 6-7 mm. longa, tubo exerto exannulato. Nuculae
1.75 mm. longae, elliptico-ovatae, nigrae, leves.
Habitat:- Baluchistan, Chappar Rift, Lace 3967.

5. Scutellaria assamica Mukerjee sp. nov. Species affinis
S. khasianae Clarke a qua habitu graciliore, caulis simplici-
bis, foliis acuminatis margine serratis nec crenatis, bracteis
lanceolatis integris ciliatis, corolla longiore recedit, a
S. scandente Don ex Himalaya septentrionali caule graciliore
eramoso obscure quadrangulari vel tereti, bracteis omnibus
integratis inter alia divergit.

Herba erecta gracilis, 30-45 cm. alta, sparse pilosa vel
glabrescens. Folia petiolata; lamina 3-6 cm. longa, 1-3 cm.
lata, anguste ovata, acuminata vel nunc acuta, basi rotundata
margine serrata, utrinque sparse pilosa subtus ad nervos den-
sius; petiolus gracilis, vulgo, .5-1 cm. longus, nunc 3 cm.
Flores pauci, oppositi, secundi, in racemos laxos terminales
dispositi; bracteis lanceolatis integris ciliatis inferiori-
bus 5-7 mm. longis supra decrescentibus, pedicellis 2 mm.
longis fructu ad 4 mm. auctis. Calyx 2.5 mm. longus, dense
pubescens. Corolla circ. 2.5 cm. longa, minute pilosula vel
glabrescens, albido-purpurea; tubus rectus infra gracilis
supra scusim inflatus; labia brevissima. Filamenta glabra,
Nuculae 1 mm. diametro, nigrae, tuberculatae.

Habitat:- Assam,- Kohima, Naga Hills King's collector,
Typus in Herb. Cal. Konoma, Naga Hills Prain, (alt. 15-24 m.)
Lushai Hills Mrs. Parry. Kapon, Manipur, Meebold No. 6464,
(alt. 2132 m.).

6. Phlomis Younghusbandii Mukerjee. Species arcte affinis
P. bracteosae Royle atque P. tibeticae Marquand et Shaw a
quibus caule plus minusque teret; foliis carnosulis utrinque
pilis stellatis conspersis facile cognoscitum; planta diu cum
P. bracteosa confusa atque in herbariis sub eo nomine locata.

Herba erecta vel suberecta, 20-35 cm. alta, caule subtereti
pilis stellatis atque simplicibus brunneo-tomentoso, basi lig-
nosa. Folia petiolata; lamina 3-5 cm. longa, 2-3 cm. lata,
elliptica vel oblonga, obtusa, basi rotundata vel truncata vel
nunc cuneata vel etiam cordata, arcuata, carnosula, rugosa,
supra dense pubescens, infra pilis stellatis bene conspersa;
petiolus 3-5 cm. longus vel in foliis supremis multo brevior.
Verticillastri 2-2.5 cm. lati; bracteae lineares, calycem ae-
quantes, ciliatae. Calyx truncatus, 10-12 mm. longus, dense
pubescens, dentibus 2 mm. longis triangularibus. Corolla 15
mm. longa, extra albo-villosa; tubus gracilis, calycem aequans,
intus annulatus; galea pilis longis albidis dense barbata.
Nuculae obovata, 2 mm. longa, nigra.

Habitat:- Thibet, Dr. King's collectors, 1882; Kham bajong,
Younghusband No. 106; Kambajong, Major Prain; Gyantse Walton;
Dochim Hills, Stewart; Hills above Lasha, Walton; Phari
Gould, No. 21.

7. Phlomis burmanica Mukerjee sp. nov. Species habitu
atque pubescentia P. tibeticae Marquand et Shaw similis a
qua calycis dentibus haud spinosis, corolla exannulata, galea
pilis albidis villosa, staminibus styloque brevibus corolla
inclusis inter alia recedit; a P. bracteosa Royle habitu
humiliore, calyce espinosa, corolla exannulata praeter alia

signa removitur.

Herba parva suberecta, 20-30 cm. alta, simplex vel caudice valido multiramosa, caulis flexilibus haud rigidis obscure quadrangularibus sparse villosis vel pubescentibus. Folia longe petiolata; lamina 4-7 cm. longa et lata, late ovata, apice rotundata, basi late atque breviter cordata, crenata, utrinque pilis patentibus villosa; petiolus vulgo, 5-9 cm. longus, nunc paulo brevior, plus minusve villosus. Verticillastri circ. 2.5 cm. diametro; bracteae lineares calycem aequantes, villosae. Calyx 10 mm. longus, truncatus, pilis brunneis pubescens, dentibus 1.5 mm. longis triangularibus haud spinosis. Corolla 14-17 mm. longa, extra sparse pubescens, intus labio superiore dense albo-villosa, tube gracili exannulato, labio superiore 6-8 mm. lato margine serrulato. Filamenta tubo corollino inclusa, inferiora 2 mm. longa, superiore 1 mm. Stylus 6 mm. longus, rectus, apice breviter bifidus lobis aequalibus divergentibus.

Habitat:- Upper Burma:- "Plants of 20-25 cm. Flowers exterior pale rose." Alpine meadows, 2750 m. Htawgaw Bum, worth of Htawgaw, Lat. $26^{\circ} 10'$ N., Long. $78^{\circ} 25'$ E., Forrest No. 24538; N. Maikha-Salwin divide, N. of Chinili $26^{\circ} 35'$ N., $98^{\circ} 48'$ E. Forrest No. 26812, alt. 3655 m.; Hpawsi Bum, R.A. 1061, alt. 3707 m.; Nawng Chawng, Nawai Divide, Ward 1800, alt. 3655-3900 m.

8. Gomphostemma Lacei Mukerjee, sp. nov. Species affinis G. parviflora Wall. a quo foliis apice late rotundatis facile cognoscitur; inter alia signa caule sulcato foliis latissimis saepe suborbicularibus subintegris vel obscure serratis,

petiolis longioribus, bracteis obovato-cuneatis serratis a socio separatur.

Herba erecta pilis stellatis cinereo-tomentosa. Caulis obtuse quadrangularis alte sulcatus. Folia longa petiolata, suborbicularia vel elliptico-ovata, apice late rotundata basi abrupte cuneata, margine subintegra vel obscure sinuato-serrata, supra pilis simplicibus bene praedita, subtus pilis stellatis parvis induita; lamina 15-28 cm. longa, 9-16 cm. lata; petiolus ad 9 cm. longus, robustus, stellato-tomentosus. Flores breviter pedicellati, in spicas axillares et terminales 3-4 cm. longas laxe dispositi; bracteae 10-12 mm. longae, obovato-cuneatae, serratae nisi ad basim, supra glabrescentes, infra tomentosae; bracteolae lineares. Calyx 8-9 mm. longus, campanulatus, intra pubescens extra tomentosus, dentibus lanceolatis tubo paulo brevioribus. Corolla 20-24 mm. longa, extra sparsim puberula, tubo recto 12 mm. longo, limbo 4 mm. lato, labio superiore 5 mm. longo, inferiore 6 mm. longo 7 mm. lato, Stylus glaber. Nuculae desunt.

Habitat:- Burma, N. Shan States (near Masam Falls), Lace 1322.

9. Teucrium burmanicum Mukerjee sp. nov. Species ex affinitate T. quadrifarii Buch. Ham. a quo foliis membranaceis haud rugosis oblongis vel elliptico-oblongis, bracteis calycem aequantibus divergit; corollae tubo inclusa, bracteis deltoideo-ovatis basi; cordatis cum ea specie congruit.

Planta erecta gracilis, ut videtur 30 cm. alta vel ultra, caule dense ferrugineo-tomentoso obtuse quadrangulari vel subterete. Folia petiolata, membranacea, anguste oblonga vel

elliptico-oblonga, acute vel obtusa, basi rotundata vel subcordata, serrata, utrinque minute hirsuta; lamina 3-7 cm. longa, 1.5-2.5 cm. lata; petiolus 1-2.5 cm. longus. Racemi laxiflori, terminales vel axillares, paniculas 10-16 cm. longas formantes, bracteis ovatis cordatis acuminatis, supra glabris infra villosis calyce minoribus vel nunc aequantibus. Calyx 5 mm. longus, tubuloso-campanulatus, extra villosus, intra paucibus sparsim setosus, dente superiore rotundato apiculato, lateralibus obtusis, inferioribus lanceolatis acuminatis. Corolla alba, 12 mm. longa, tubo inclusa, lobis lateralibus atque superioribus acutis, inferiore multo longiore ovato apiculato. Filamenta glabra. Nuculae globosae, 1 mm. diametro, rugosae, glabrae.

Habitat:- Burma, Madoe hill, C. Mandul No. 103; Makhaye Hill, Dr. King's collectors.

10. Teucrium shanicum Mukerjee, sp. nov. Species affinis T. Wattii Prain a quo petiolo multo breviore floribus flavis differt; quoad bracteas cum ea specie congruit; T. quadrifarium Buch. Ham. habitu subsimile bracteas omnino diversus habet.

Herba erecta gracilis, probabiliter 35 cm. alta vel ultra, caule subtereti dense brunneo-tomentoso. Folia petiolata, ovata vel oblonga, acuta vel obtusa, basi rotundata, dentibus patentibus serrata, supra puberula, infra laxe hirsuta; lamina 6-9 cm. longa, 2-5 cm. lata; petiolus .7-1.5 cm. longus. Racemi laxiflori terminales et axillares, circ. 6-7 cm. longi, bracteis lanceolatis acutis basi cuneatis supra glabris infra pubescentibus inferioribus circ. 6 mm. longis; pedicelli

calyce breviores. Calyx 5 mm. longus, extra pilis simplicibus atque glanduloso-capitatis dense pubescens, faucipus sparsim setosus, dente superiore rotundato, lateralibus brevioribus triangularibus obtusis, inferioribus lanceolatis acutis superiore paulo longioribus. Corolla ex collectore flava, 12 mm. longa, tubo inclusa, lobis quatuor acutis, infimo ovato apiculato. Filamenta puberula. Nuculae globosae, 1 mm. diametro, atrobrunneae.

Habitat:- Burma, Shan States, Abdul Huk.

TABLE. II.



DISTRIBUTION OF SPECIES

FAMILY:—

GENUS:— Ocimum, (Linn.)

	IN INDIA						OUTSIDE INDIA					ENDEMIC									
	DECCAN	MALABAR	INDUS PLAIN	Dry	Humid	GANGETIC PLAIN	Upper dry	Lower humid	Sundarbans	ASSAM	EASTERN HIMALAYAS	CENTRAL HIMALAYAS	WESTERN HIMALAYAS	CEYLON	BURMA	MALAYA; JAVA; BORNEO; PHILIPPINES	SOUTH-WEST CHINA	TIBET	EAST CHINA, JAPAN	WESTERN ASIA	COSMOPOLITAN

0. *adscendens*, Willd.
 0. *Basileicum*, Linn.
 0. *canum*, Sims.
 0. *exsul*, Coll & Hemsl.
 0. *gratissimum*, Linn.
 0. *sanctum*, Linn.

ORTHO SIPHON, (Benth.).

0. *comosus*, Wright.
 0. *diffusus*, Benth.
 0. *glabrata*, Benth.
 0. *glandulosus*, Fischer.
 0. *incurvus*, Benth.
 0. *pallidus*, Royle.
 0. *robustus*, Hook.f.
 0. *Parishii*, Braine.
 0. *rubicundus*, Benth.
 0. *scapiger*, Benth.
 0. *stamineus*, Benth.
 0. *tomentosus*, Benth.
 0. *viscosus*, Benth.
 0. *Wattii*, Braine.

MESONA, (Bl.)M. *wallichiana*, Benth.

x	x																				
---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

x

x

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x

x

REMARKS

CONTINENTAL INDIA
HIMALAYAS

- A. *axillaris*, Benth.
 A. *indicus*, O. Kuntz.
 A. *palmensis*, Mukerjee
 A. *verbenaefolius*, Watt & Mukerjee.

x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
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x

x

x

DISTRIBUTION OF SPECIES

FAMILY:-

GENUS:- GENIOSPORUM (Wallenb.)

	IN INDIA								OUTSIDE INDIA					ENDEMIC		REMARKS					
	DECCAN	MALABAR	INDUS PLAIN	GANGETIC PLAIN			ASSAM	EASTERN HIMALAYAS	CENTRAL HIMALAYAS	WESTERN HIMALAYAS	CEYLON	BURMA	MALAYA; JAVA; BORNEO; PHILIPPINES	SOUTH-WEST CHINA	TIBET	EAST CHINA, JAPAN	WESTERN ASIA	COSMOPOLITAN	AFRICA	CONTINENTAL INDIA	HIMALAYAS
<i>G. coloratum</i> , O. Kuntz								x	x	y		x		x							
<i>G. indicum</i> , Brigg.	x																				
<i>G. prostratum</i> , Benth.	x	x																			
<u>PLATYSTOMA</u> , (Beauv.)																					
<i>P. flaccidum</i> , Benth.	x	x																x			
<u>MOSCHOSMA</u> , (Reich.)																					
<i>M. polystachyum</i> , Benth.	x	x			x						x	x	x				x				
<u>NOSEMA</u> , (Prain)																					
<i>N. grandiflora</i> (Doan) Mukerjee											x		x			x					
<u>CERATANTHUS</u> , (Muell ex Taylor)											x		x								
<i>C. calcaratus</i> , G. Taylor.											x		x								
<u>PLECTRANTHUS</u> , (L. 'Herit.)																					
<i>P. Bishopianus</i> , Gamble.	x																				
<i>P. Bourneae</i> , Gamble.	x																				
<i>P. Brandisii</i> , Prain.											x										
<i>P. capitipes</i> , Benth.																					
<i>P. Coetsa</i> , Ham.																					
<i>P. coleoides</i> , Benth.	x										x		x								
<i>P. crenulatus</i> , Hochst.	x																				
<i>P. cylindraceus</i> , Hochst.																					
<i>P. fruticosus</i> ^{Wight ex Hook.f.}	x																				
<i>P. decannium</i> , Brigg.																					
<i>P. fulvascens</i> , Prain.											x										
<i>P. Gerardianus</i> , Benth.								x	x	x	x										
<i>P. Griffithii</i> , Hook.f.								x				x									
<i>P. Helferi</i> , Hook.f.								x				x									
<i>P. hispidus</i> , Benth.								x				x									
<i>P. incanus</i> , Link.	x							x	x	x	x										
<i>P. Kurzii</i> , Prain.								x													

= *P. Griffithii* n.

DISTRIBUTION OF SPECIES

FAMILY:-

GENUS:- PLECTRANTHUS, (Contd.).

	IN INDIA								OUTSIDE INDIA					ENDEMIC							
	DECCAN	MALABAR	INDUS PLAIN		GANGETIC PLAIN		ASSAM	EASTERN HIMALAYAS	CENTRAL HIMALAYAS	WESTERN HIMALAYAS	CEYLON	BURMA	MALAYA; JAVA; BORNEO; PHILIPPINES	SOUTH-WEST CHINA	TIBET	EAST CHINA, JAPAN	WESTERN ASIA	COSMOPOLITAN	AFRICA	CONTINENTAL INDIA	HIMALAYAS
			Dry	Humid	Upper dry	Lower humid															
P. macranthus, Hook.f.					x			x	x			x							x	x	
P. Maddenii, Benth.						x		x		x										x	
P. Meboldii, W.W. Smith.							x			x											
P. melissoides, Benth.					x															x	x
P. menthaoides, Benth.	x																			x	x
P. montanus, Benth.	x																			x	x
P. nepalæ folius, Benth.	x																			x	x
P. nigrescens, Benth.	x																			x	x
P. nilgherriicus, Benth.	x																			x	x
P. Parishii, Hook.f.	*																			x	x
P. pharicus, Prain.								x												x	x
P. pulneyensis, Hook.f.	x							x												x	x
P. repens, Wall.					x				x	x										x	x
P. rivularis, Wight.	x																			x	x
P. rugosus, Wall.						x				x	x								x	x	x
P. scrophularioides, Wall.									x	x	x									x	x
P. Stracheyi, Benth.									x	x	x									x	x
P. striatus, Benth.								x	x	x	x								x	x	x
P. Stocksii, Hook.f.	x	x																			
P. subincisus, Benth.	x																				
P. ternifolius, Don.								x	x	x	x										
P. urticifolius, Hook.f.	x								x	x	x									x	x
P. Walkeri, Arn.	x											x									
P. Wightii, Benth.	x											x								x	x
<u>P. zeylanicus, Benth.</u>																					

COLEUS. (Lour.)

- C. amboinicus, Lour.
 C. Blumei, Benth.
 C. Forskohlii, Brigg.
 C. laciniatus, Benth.
 C. malabaricus, Benth.
 C. parviflorus, Benth.
 C. scutellarioides, Benth.
 C. spicatus, Benth?

REMARKS

DISTRIBUTION OF SPECIES

FAMILY:-

GENUS:- ANISOCHLILUS, (Wall).

	IN INDIA								OUTSIDE INDIA					ENDEMIC		REMARKS																																		
	DECCAN		MALABAR		INDUS PLAIN		GANGETIC PLAIN		ASSAM		EASTERN HIMALAYAS		CENTRAL HIMALAYAS		WESTERN HIMALAYAS		CEYLON		BURMA		MALAYA; JAVA; BORNEO; PHILIPPINES		SOUTH-WEST CHINA		TIBET		EAST CHINA, JAPAN		WESTERN ASIA		COSMOPOLITAN		AFRICA		CONTINENTAL INDIA		HIMALAYAS													
	Dry	Humid	Upper dry	Lower humid	Sundarbans																																													
<i>A. argenteus</i> , Gamble.		x																																		x														
<i>A. carnosus</i> , Wall.	x			x														x	x	x																														
<i>A. dysophylloides</i> , Benth.	x			x														x																		x														
<i>A. eriocephalus</i> , Benth.	x			x														x																		x														
<i>A. pallidus</i> , Wall.																																				x														
<i>A. paniculatus</i> , Benth.	x	x																x																		x														
<i>A. plantagineus</i> , Hook.f.	x																	x	x	x															x															
<i>A. polystachyus</i> , Benth.																																				x														
<i>A. robustus</i> , Hook.f.																																				x														
<i>A. scaber</i> , Benth.	x																																			x														
<i>A. sericeus</i> , Benth.	x	x																																		x														
<i>A. suffruticosus</i> , Wight.	x	x																																		x														
<i>A. verticillatis</i> , Hook.f.	x																																			x														
<i>A. Wrightii</i> , Hook.f.	x	x																																		x														
<i>HYPTIS</i> , (Jacq.)																																																		
<i>H. brevipes</i> , Poit.																																																		
<i>H. capitata</i> , Jacq.								x																	x																									
<i>H. pectinata</i> , Poit.	x						x		x																											x														
<i>H. suaveolens</i> , Poit.	x							x		x																																								
<i>LAVENDULA</i> , (Linn.)																																																		
<i>L. Burmanni</i> , Benth.	x	x																																		x														
<i>L. gibsoni</i> , Grah.	x	x																																		x														
<i>POGOSTEMON</i> , (Desf.)																																																		
<i>P. amaranthoides</i> , Benth.									x	x																									x	x														
<i>P. atropurpureus</i> , Benth.	x	x							x																										x															
<i>P. brachystachys</i> , Benth.									x									x	x																x															
<i>P. elsholtziorum</i> , Benth.									x	x								x	x																x															
<i>P. fraternus</i> , Miguel.	x	x							x	x								x	x					x	x									x																
<i>P. Gardneri</i> , Hooker.	x	x							x	x	x							x	x	x														x																
<i>P. glaber</i> , Benth.									x																									x		x		x												
<i>P. Griffithii</i> , Prain.									x																x								x		x		x													
<i>P. Heyneanus</i> , Benth.									x																x								x		x		x													
<i>P. hispidus</i> , Prain.									x									x						x									x		x		x													

Andamans.
All American

DISTRIBUTION OF SPECIES

FAMILY:—

GENUS:—*POGOSTEMON* (Contd.).

FAMILY:—	IN INDIA										OUTSIDE INDIA				ENDEMIC			
	DECCAN		INDUS PLAIN		GANGETIC PLAIN		ASSAM		CEYLON		BURMA		TIBET		AFRICA	CONTINENTAL INDIA		HIMALAYAS
<i>P. Macgregorii</i> , W.W. Smith.																x		
<i>P. mollis</i> , Benth.	x	x														x	x	
<i>P. nilagiricus</i> , Gamble.	x		x													x	x	x
<i>P. paludosus</i> , Benth.	x	x	x													x	x	x
<i>P. paniculatus</i> , Benth.		x	x													x	x	x
<i>P. parviflorus</i> , Benth.		x	x													x	x	x
<i>P. plectranthoides</i> , Desf.	x	x				x	x									x	x	x
<i>P. pubescens</i> , Benth.	x	x	x													x	x	x
<i>P. purpurascens</i> , Dalz.	x	x														x	x	x
<i>P. rotundatus</i> , Benth.	x															x	x	x
<i>P. speciosus</i> , Benth.	x	x														x	x	x
<i>P. strigosus</i> , Benth.																x	x	x
<i>P. travancoricus</i> , Beddome.	x	x														x	x	x
<i>P. tuberculosus</i> , Benth.																x	x	x
<i>P. vestitus</i> , Benth.	x	x														x	x	x
<i>P. villosus</i> , Benth.																x	x	x
<i>P. Wattii</i> , Clarke.																x	x	x
<i>P. Wrightii</i> , Baker.	x	x														x	x	x
<i>DYSOPHYLLA</i> , (Blume)																		
<i>D. Andersonii</i> , Prain.																x	x	x
<i>D. auricularia</i> , Bl.		x														x	x	x
<i>D. crassicaulis</i> , Benth.																x	x	x
<i>D. cruciata</i> Benth.	x															x	x	x
<i>D. Griffithii</i> , Hook.f.	x															x	x	x
<i>D. Griffithii</i> Hook.f.																x	x	x
<i>D. cruciata</i> , Benth.																x	x	x
<i>D. Helferi</i> , Hook.f.																x	x	x
<i>D. kachinensis</i> , Mukerjee																x	x	x
<i>D. linearis</i> , Benth.																x	x	x
<i>D. myosuroides</i> , Benth.	x															x	x	x
<i>D. peguana</i> Prain.																x	x	x
<i>D. pentagona</i> , Clarke.																x	x	x
<i>D. quadrifolia</i> , Benth.	x	x														x	x	x
<i>D. rugosa</i> , Hook.f.	x															x	x	x
<i>D. salicifolia</i> Dalz.		x	x													x	x	x
<i>D. stellata</i> , Benth.		x	x													x	x	x
<i>D. Stocksii</i> , Hook.f.		x	x													x	x	x
<i>D. verticillata</i> , Benth.		x	x													x	x	x

REMARKS

DISTRIBUTION OF SPECIES

FAMILY:—

GENUS:—COLEBROOKIA (Smith)

	IN INDIA										OUTSIDE INDIA					ENDEMIC		REMARKS	
	DECCAN		MALABAR		INDUS PLAIN		GANGETIC PLAIN		ASSAM		CEYLON		BURMA		TIBET		CONTINENTAL INDIA		
	Dry	Humid	Dry	Humid	Upper dry	Lower humid	Sundarbans	EASTERN HIMALAYAS	CENTRAL HIMALAYAS	WESTERN HIMALAYAS			MALAYA; JAVA; BORNEO; PHILIPPINES	SOUTH-WEST CHINA		EAST CHINA, JAPAN	WESTERN ASIA	COSMOPOLITAN	AFRICA
<i>C. oppositifolia</i> , Smith.	x				x			x	x	x			x						
<u>PERILLA</u> (Linn.)								x	x	x	x	x	x	x	x	x			
<i>P. ocimoides</i> , Linn.																			
<u>MENTHA</u> (Linn.)																			
<i>M. arvensis</i> , Linn.										x									Europe
<i>M. sylvestris</i> , Linn.									x	x				x	x	x	x	x	"
<u>ELSHOLTZIA</u> (Willd.)																			
<i>E. Geddomei</i> , Clarke.											x							x	
<i>E. blanda</i> , Benth.								x	x	x		x	x						
<i>E. communis</i> , Diels.											x	x	x	x	x				
<i>E. cristata</i> , Willd.								x	x	x	x					x			
<i>E. densa</i> , Benth.									x	x	x	x			x	x	x		
<i>E. eriostachya</i> , Benth.								x	x	x	x						x	12 to 1600 feet.	
<i>E. flava</i> , Benth.								x	x	x	x						x	x	
<i>E. Griffithii</i> , Hook.f.								x				x					x		
<i>E. incisa</i> , Benth.								x	x	x	x	x	x				x	x	
<i>E. kachinensis</i> , Prain.									x		x	x					x		
<i>E. pilosa</i> , Benth.								x	x	x	x						x	x	
<i>E. polystachya</i> , Benth.								x	x	x	x						x	x	
<i>E. rugulosa</i> , Hemsl.									x	x	x		x						
<i>E. strobilifera</i> , Benth.									x	x	x						x		
<u>ZATARIA</u> (Boiss.)																			
<i>Z. bracteata</i> , Boiss.										x					x				
<i>Z. multiflora</i> , Boiss.	x									x					x				Persia
<u>HYSSOPUS</u> (Linn.).																			
<i>H. officinalis</i> , Linn.										x					x				Europe.
<u>ORIGANUM</u> (Linn.)										x	x	x				x	x		
<i>O. vulgare</i> Linn.																x	x		

DISTRIBUTION OF SPECIES

FAMILY:—

GENUS:— THYMUS, Linn.

DECCAN	MALABAR	IN INDIA				OUTSIDE INDIA				ENDEMIC	REMARKS										
		Dry	Humid	Upper dry	Lower humid	Sundarbans	ASSAM	EASTERN HIMALAYAS	CENTRAL HIMALAYAS	WESTERN HIMALAYAS	CEYLON	BURMA	MALAYA; JAVA; BORNEO; PHILIPPINES	SOUTH-WEST CHINA	TIBET	EAST CHINA, JAPAN	WESTERN ASIA	COSMOPOLITAN	AFRICA		

J. Serpyllum, Linn.

Europe

SATUREIA, Linn.

Europe + America

S. hortensis, Linn.MICROMERIA, Benth.M. biflora, Benth.

x

x x x

x x

x x

? sp.

M. capitellata, Benth.

x x

x

x x

x x

x

M. hydaspidis, Yale.

x

M. Perrottetii, GaudigerCALAMINTHA, MoenchC. clinopodium, Benth.

Europe + Canada

C. longicaulis, Benth.

x

C. umbrosa, Benth.

x

x x x x x

x x

x x

x

C. gracilis, Benth.

x

x

x

MELISSA, Linn.M. flava, Benth.

x

M. parviflora, Benth.

x x x x

x

MOSLA, Buch. Ham.M. dianthera, Maximov.

x x x x x x x

LYCOPUS, Linn.L. europaeus, Linn.

x

PEROWSKIA, Karel.P. abrotanoides, Kiril.

x

P. triplinervia, Benth.

x

P. artemesioides, Boiss.

x

(Baluchistan).

= P. triplinervia.

DISTRIBUTION OF SPECIES

FAMILY:-

GENUS:- MERIANDRA. (Benth.)

M. bengalensis, Benth.
M. strobilifera, Benth.

SALVIA. (Linn.)

S. aegyptica, Linn.
S. amplicalyx, Peter-Stibl.
S. asperata, Yak.
S. cabulica, Benth.
S. campanulata, Wall.
S. castanea, Diels.
S. dumetorum, Andr.
S. fontinalis, Edgew.
S. glutinosa, Linn.
S. hiens, Royle.
S. Hydrangea, DC.
S. japonica, Thunb.
S. lanata, Roxb.
S. macrosiphon, Boiss.
S. mekongensis, Stibl.
S. Moorcroftiana, Wall.
S. plectranthoides, Griff.
S. plebeia, Br.
S. rhytidia, Benth.
S. Roborovskii, Maxim.
S. saxicola, Wall.
S. santolinaefolia, Boiss.
S. schizocalyx, Stibl.
S. sikkimensis, Stibl.
S. spinosa, Linn.

DECCAN	MALABAR	IN INDIA				OUTSIDE INDIA						ENDEMIC	REMARKS								
		Dry	Humid	Upper dry	Lower humid	Sundarbans	ASSAM	EASTERN HIMALAYAS	CENTRAL HIMALAYAS	WESTERN HIMALAYAS	CEYLON	BURMA	MALAYA; JAVA; BORNEO; PHILIPPINES	SOUTH-WEST CHINA	TIBET	EAST CHINA, JAPAN	WESTERN ASIA	COSMOPOLITAN	AFRICA		

ZIZIPHORA. (Linn.)

Z. chionopodioides, Beib.
Z. tenuior, Linn.

CONTINENTAL INDIA
 HIMALAYAS

REMARKS

DISTRIBUTION OF SPECIES

FAMILY:-

GENUS:- NEPETA. (Linn.)

	IN INDIA						OUTSIDE INDIA				ENDEMIC	REMARKS										
	DECCAN	MALABAR	INDUS PLAIN	Dry	Humid	Upper dry	Lower humid	Sundarbans	ASSAM	EASTERN HIMALAYAS	CENTRAL HIMALAYAS	WESTERN HIMALAYAS	CEYLON	BURMA	MALAYA; JAVA; BORNEO; PHILIPPINES	SOUTH-WEST CHINA	TIBET	EAST CHINA, JAPAN	WESTERN ASIA	COSMOPOLITAN	AFRICA	
<i>N. bombaiensis</i> , Dalz.	x																	x				
<i>N. bracteata</i> , Benth.		x																x				
<i>N. campestris</i> , Benth.			x																x			
<i>N. cateria</i> , Linn.		x																x				
<i>N. ciliaris</i> , Benth.			x															x				
<i>N. clarkei</i> Hook.f.																		x				
<i>N. coerulescens</i> , Maxim.																		x				
<i>N. connata</i> , Royle & Benth.																		x				
<i>N. discolor</i> , Benth & Hook.f.																		x				
<i>N. distans</i> , Benth.	x																	x				
<i>N. erecta</i> , Benth.			x															x				
<i>N. eriostachya</i> , Benth.																		x				
<i>N. elliptica</i> , Royle & Benth.																		x				
<i>N. floccosa</i> , Benth.																		x				
<i>N. glomerulosa</i> , Boiss & Hook.f.	x																	x				
<i>N. glutinosa</i> , Benth.																		x				
<i>N. graniana</i> , Benth.		x																x				
<i>N. graciliflora</i> , Benth.		x																x				
<i>N. grata</i> , Benth.			x															x				
<i>N. lagopsis</i> , Benth.	x																	x				
<i>N. lamiopsis</i> , Benth.																		x				
<i>N. leucolaena</i> , Benth.										x								x				
<i>N. leucophylla</i> , Benth.											x							x				
<i>N. linearis</i> , Royle & Benth.											x							x				
<i>N. longibracteata</i> , Benth.											x							x				
<i>N. mollis</i> , Benth.		x									x							x				
<i>N. nervosa</i> , Royle & Benth.											x							x				
<i>N. nivalis</i> , Benth.											x							x				
<i>N. pharica</i> , Prain.									x									x				
<i>N. pinetorum</i> , Hitchison & Hen.											x							x				
<i>N. podostachys</i> , Benth.											x							x				
<i>N. Prainii</i> , Duthie.											x							x				
<i>N. pubescens</i> , Benth.											x							x				
<i>N. raphanorhiza</i> , Benth.											x							x				
<i>N. sanderi</i> , Hamilt.	x	x		x	x	x					x						x					
<i>N. rugosa</i> , Benth.		x									x						x					
<i>N. salviaefolia</i> , R. & Benth.											x					x		x				
<i>N. spathulifera</i> Benth.		x									x						x					

Afghanistan.

= *N. hindustana* (Haines)

DISTRIBUTION OF SPECIES

FAMILY:-

GENUS:- NEPETA (Contd.).

- N. spicata*, Benth.
- N. spinosa*, Stev.
- N. thibetica*, Benth.
- N. suavis* Staff.
- N. chenopodiifolia* Staff.

DRACOCEPHALUM (Linn.)

- D. breviflorum* Twill.
- D. glechomifolium*, Drumm.
- D. Hemsleyanum*, Prain.
- D. heterophyllum*, Benth.
- D. moldavicum*, Linn.
- D. nutans*, Linn.
- D. Ruprechtii*, Regel.
- D. speciosum*, Benth.
- D. stamineum*, K. & K.
- D. tanguticum*, Maxim.

= *N. caeruleans*

Turkestan.

* Central Asia.

LALLEMANTIA (Fischer Mey.)

- L. Royleana*, Benth.

x x

x

x x

SCUTELLARIA (Linn.)

- S. Colebrookiana*, Benth.
- S. discolor*, Coleb.
- S. galericulata*, Linn.
- S. glandulosa*, Hook.f.
- S. grossa*, Wall.
- S. Heydei*, Hook.f.
- S. khasiana*, Clarke.
- S. linearis*, Benth.
- S. multicaulis*, Boiss.
- S. petiolata*, Hemsl., Lace., Prain.
- S. prostrata*, Jacq. & Benth.
- S. repens*, Ham & Don.
- S. rivularis*, Wall.

DECCAN	IN INDIA				OUTSIDE INDIA				ENDEMIC								
	MALABAR	INDUS PLAIN	GANGETIC PLAIN	ASSAM	EASTERN HIMALAYAS	CENTRAL HIMALAYAS	WESTERN HIMALAYAS	CEYLON	BURMA	MAIAYA; JAVA; BORNEO; PHILIPPINES	SOUTH-WEST CHINA	TIBET	EAST CHINA, JAPAN	WESTERN ASIA	COSMOPOLITAN	AFRICA	
		Dry	Humid		Upper dry	Lower humid	Sundarbans										CONTINENTAL INDIA
																	HIMALAYAS

REMARKS

DISTRIBUTION OF SPECIES

FAMILY:—

GENUS:—SCUTELLARIA. (Contd.).

	DECCAN	MALABAR	IN INDIA			OUTSIDE INDIA						ENDEMIC	REMARKS			
			INDUS PLAIN	GANGETIC PLAIN	SUNDARBANS	ASSAM	EASTERN HIMALAYAS	CENTRAL HIMALAYAS	WESTERN HIMALAYAS	CEYLON	BURMA					
<i>S. scandens</i> , Don.																
<i>S. semicircularis</i> , Moore																
<i>S. Stockii</i> , Boiss.			x					x								
<i>S. tucifolia</i> , Dunn.			x	x					x							
<i>S. violacea</i> , Heyne.			x													
<i>S. Wrightiana</i> , Benth.	x	x														

- S. Scandens*, Don.
S. semicircularis, Moore
S. Stockii, Boiss.
S. tucifolia, Dunn.
S. violacea, Heyne.
S. Wrightiana, Benth.

BRUNELLA. (Linn.)

B. vulgaris, Linn.

*

x x x x

x x x x

Trop. region. Austr.

MARRUBIUM. (Linn.)

M. lanatum, Benth.

Siberia.

M. vulgare, Linn.

x

x

x

x x x

CHAMESPHACOS. (Schrenk)

C. brahemicus, Ait & Hemsl.

x

x

x

CRANIOTOME. (Reich.)

C. versicolor, Reich.

x x x x

x

ANISOMELES. (R. Br.)

A. candicans, Benth.

x

A. Heyneana, Benth.

x x

A. malabarica, Br.

x

A. ovata, Br. (*A. indica*)

x

x

x

x

x

x

x

x

x

ACHYROSPERMUM. (Bl.)

A. Wallichianum, Benth.

x x x x

x

COLQUHOUNIA (Wall.)

C. coccinea Wall.

x x x x

x x

C. elegans, Wall.

DISTRIBUTION OF SPECIES

FAMILY:—

GENUS:— LEUCAS, (Contd.).

	IN INDIA						OUTSIDE INDIA					ENDEMIC	REMARKS										
	DECCAN	MALABAR	INDUS PLAIN	Dry	Humid	GANGETIC PLAIN	Upper dry	Lower humid	Sundarbans	ASSAM	EASTERN HIMALAYA	CENTRAL HIMALAYA	WESTERN HIMALAYA	CEYLON	BURMA	MAJAYA; JAVA; BORNEO; PHILIPPINES	SOUTH-WEST CHINA	TIBET	EAST CHINA, JAPAN	WESTERN ASIA	COSMOPOLITAN	AFRICA	
L. flaccida, Br.																							
L. Helferi, Hook f.																							
L. helianthemifolia, Desf.	x																						
L. helicterifolia, Benth.							c																
L. hirta, Spreng.	x	x					c									x	x	x			x	x	
L. hyssopifolia, Benth.							c																
L. lanceaefolia, Desf.	x	x					c																
L. lamii folia Desf.	x	x					c																
L. lanata, Benth.	x						x			x						x	x	x			x	x	
L. linifolia, Spreng.	x						x			x						x	x						
L. longifolia, Benth.	x						x																
L. macrantha, Blatter & Hall.			x																				Mt. Abro.
L. marrubioides, Desf.		x																					
L. martinicensis, Br.	x	x																					Trop. Amer. + Afr.
L. mollissima, Wall.	x									x		x	x	x	x	x	x	x					
L. montana, Spreng.	x						x																
L. nepetaefolia Benth.	x						x																
L. nutans, Spreng.	x	x	x	x	x	x	x									x							
L. ovata, Benth.																	x						
L. pilosa, Benth.																x							
L. prostrata, Gamble.			x																				
L. pubescens, Benth.	x																						
L. rosamarinifolia, Benth.	x	x																					
L. stelligera, Wall.			x													x							
L. stricta, Benth.	x																						
L. suffruticosa Benth.	x	x																					
L. teres, Benth.																x							
L. terniflora, Desf.		x																					
L. urticaefolia, Br.	x	x	x				x											x					
L. vestita, Benth.	x																						
L. Wrightiana, Benth.		x						x	x							x	x	x	x				
L. Zeylanica, Br.																							
<u>LEONOTIS. (Pers)</u>																							
L. nepetaefolia, Br.	x	x	x													x	x						Trop. region.

DISTRIBUTION OF SPECIES

FAMILY :—

GENUS:— MICROTOENA (Brain)

IN INDIA		OUTSIDE INDIA		ENDEMIC		REMARKS
MALABAR	INDUS PLAIN	GANGETIC PLAIN				
Dry			EASTERN HIMALAYAS			CONTINENTAL INDIA
Humid			CENTRAL HIMALAYAS			HIMALAYAS
Upper dry			WESTERN HIMALAYAS			
Lower humid			CEYLON			
Sundarbans			BURMA			
ASSAM			MALAYA; JAVA; BORNEO; PHILIPPINES			
			SOUTH-WEST CHINA			
			TIBET			
			EAST CHINA, JAPAN			
			WESTERN ASIA			
			COSMOPOLITAN			
			AFRICA			

M. griffithii, Prain.
M. misnawis, Prain & Dunn.

STACHYS. (Linn.).

S. floccosa, Benth.
S. melissaefolia, Benth.
S. oblongifolia, Benth.
S. palustris, Linn.
S. parviflora, Benth.
S. scaberrula, Vatke.
S. sericea, Wall.
S. Sieboldii, Miq.
S. sylvatica Linn.
S. tibetica, Vatke.

PARALAMIVUM. (Dunn.)

P. gracile Dunn.

PARAPHLOMIS. (Prain)

P. rugosa (Benth.), Braine.

LEONURUS (Linn.)

L. cardiaca Lin.

L. sibiricus Linn.

PHLOMIS. (Linn.)

P. bracteosa, Royle & Benth.
P. breviflora, Benth.
P. cashmeriana, Royle.
P. macrophylla, Wall.
P. rotata, Benth.
P. setigera, Tals. & Benth.
P. spectabilis, fl. & Bth.

DISTRIBUTION OF SPECIES

FAMILY:—

GENUS:—PHLOMIS. (Contd.).

	IN INDIA				OUTSIDE INDIA				ENDEMIC							
	DECCAN	MALABAR	INDUS PLAIN	GANGETIC PLAIN	ASSAM	EASTERN HIMALAYAS	CENTRAL HIMALAYAS	WESTERN HIMALAYAS	CEYLON	BURMA	MALAYA; JAVA; BORNEO; PHILIPPINES	SOUTH-WEST CHINA	TIBET	EAST CHINA, JAPAN	WESTERN ASIA	COSMOPOLITAN

- P. Stewartii* Hookf.
P. Youngianus M. Mukerjee
P. burmanica, M. Mukerjee.

EREMOSTACHYS. (Bunge)

- E. acanthocalyx*, Boiss
E. labiosa, Bunge.
E. loasae Schlecht., Benth.
E. superba, Royle ex Benth.
E. thyrsiflora, Benth.
E. Vicaryi, Benth.

ROYLEA (Wall)

- R. calycina*, Bunge

NOTOCHAETE. (Benth)

- N. hamosa*, Benth.

GOMPHOSTEMMA (Wall)

- G. aborensis*, Dunn.
G. crinitum, Wall.
G. eriocarpum, Benth.
G. Hemslayanum, Prain, C.G.
G. Heyneanum, Wall.
G. inspinatum, Prain.
G. Lacei, M. Mukerjee.
G. lucidum, Wall.
G. Mastersii Benth & Hookf.
G. melissaefolium, Wall.
G. nivale, Hook f.
G. nutans, Hook f.
G. oblongum, Wall.
G. ovatum, Wall.
G. pedunculatum Benth & Hookf.
G. parviflorum Wall.

REMARKS

CONTINENTAL INDIA
HIMALAYAS

DISTRIBUTION OF SPECIES

AMILY:—

GENUS:—GOMPHOSTEMMA (Contd.)

- g. rugosum Brain.
 - g. Scortechinii Brain.
 - g. strobilinum, Wall.
 - g. Thomsonii Benth. & Hk.
 - g. velutinum, Benth.
 - g. Wallichii, Brain.

TEUCRIUM. (Linn.).

- J. bidentatum*, Hemsl.
J. burmanicum, Mukerjee
J. incanum Ait & Hemsl.
J. laxum, Don.
J. plectranthoides, Gamble x
J. quadrifarinum, Buchanan.
J. Royleanum, Wall.
J. scindicum, Prain.
J. Scordium, Linn.
J. serratum, Benth.
J. shanicum, Mukerjee
J. Stocksiianum Boiss.
J. tomentosum Heyne x
J. Toppinii Dunn & William
J. viscidum, Bl.
J. Wattii, Prain.
J. Wrightii, Hook.f. x

RUBITEUCRIS, (Kudo).

- R. palmata*, Kudo.

AJUGA (Linn.)

- A. brachystemon*, Maxim.
 - A. bracteosa*, Wall.
 - A. lobata*, Don.
 - A. macrosperma*, Wall.
 - A. parviflora* Benth.

DISTRIBUTION OF SPECIES

FAMILY:—

GENUS:— EURYSOLEN (Brain).

	IN INDIA						OUTSIDE INDIA					ENDEMIC	REMARKS						
	DECCAN	MALABAR	INDUS PLAIN	GANGETIC PLAIN															
	Dry	Humid	Upper dry	Lower humid	Sundarbans	ASSAM	EASTERN HIMALAYAS	CENTRAL HIMALAYAS	WESTERN HIMALAYAS	CEYLON	BURMA	MALAYA; JAVA; BORNEO; PHILIPPINES	SOUTH-WEST CHINA TIBET	EAST CHINA, JAPAN	WESTERN ASIA	COSMOPOLITAN	AFRICA	CONTINENTAL INDIA HIMALAYAS	

E. gracilis, Brain.CYMERIA (Benth.)*C. dichotoma*, Benth.
C. elongata, Benth.* LEUCOSCEPTRUM (Smith)*L. canum* Smith.