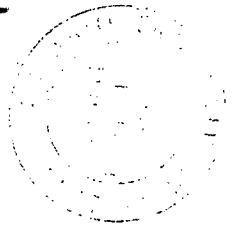


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THE PLANTS OF SOMALIA: AN OVERVIEW AND CHECKLIST

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CRDP TECH. REP. NO. 16

revised July 1986

2nd rev. April 1988

LOUIS BERGER INTERNATIONAL, INC.

and

CENTRAL RANGELANDS DEVELOPMENT PROJECT,  
NATIONAL RANGE AGENCY

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*Som. names in bold are probably spelt correctly, the rest need more work.  
(Distribution need to be revised)*

## 1. INTRODUCTION

This report summarizes the nomenclature of the vascular plants of Somalia, within the Hutchinson (1928, 1934) framework. It also attempts to tidy up the tangle of vernacular names, many of them based on alien orthographies. Plants of Somalia has taken advantage of the recent scientific activities in Somalia particularly the central rangelands, including a substantial database of informants' responses (see especially Kuchar & Herlocker 1988). Information on growth form, broad distribution in Somalia, and representation in regional herbaria is also provided.

I believe that this report, aimed less at the professional taxonomist than at interested 'amateurs' and professionals in related fields, should bring about a greater awareness of Somali plants. It should be particularly instructive as to the scope and breadth of Somalia's unique and fascinating flora.

I ask your forbearance in the examination of this report. There was little time to prepare the introductory sections and some of them will have a slapdash look. Hopefully a more polished version will appear in the near future. Such a version will also strive for completeness in habit data and Somali plant names. The body of the report, however, will remain more or less intact. The species list is relatively complete insofar as available data sources have permitted. I have not studied the collections at the large European herbaria, notably Kew and Florence, but that is a job for taxonomists!

I thank Mohamoud Ayan, former Project Manager of CRDP, for his encouragement and patience in awaiting this draft. Also appreciated were the support of Project Manager Dahir Abby Farah, Range Team Leader Bill Hargus, former Team Leader Kay Wilkes, and staff of Range Section. Here I would like to single out Mohamed Dahir, Mahadi Kidar and Abdullahi Warsame for their help in compiling Somali plant names. Useful plant lists and Somali names have also been provided by I. Deshmukh, R. Wieland, J. Miskell and A.A. Elmi. C.H.S. Kabuye, Botanist-in-Charge at the E. Afr. Herbarium, kindly provided space and documents during my sojourns. M.H. Madany's list of Somali plant names and his generous advice have been the main impetus behind my attempt at regularizing vernacular names. I appreciate the advice on taxonomic issues by Mats Thulin, Carter, etc. Most of the word processing was done by my sister Kathie, and I am grateful for her ungrudging help.

The report has benefited enormously from the criticism and amendments so generously provided by J.B. Gillett. His familiarity with the flora of Somalia, and particularly his enthusiasm over Commiphora, has been a continuing source of inspiration.

## 2. HISTORY

Somalis, particularly the nomads and agropastoralists in intimate contact with their natural environment, have a sound grasp of plant fundamentals. Most if not all plant species have Somali names, and pretty well all pastoralists have some knowledge of plant uses and characteristics. Every person is familiar with at least a core of plants and their names, and some local experts can attribute a name and uses to virtually every plant within their traditional grazing area, the degaan, which can range from 200-2000 km<sup>2</sup>. A large body of knowledge on plant names, distribution and significance has been handed down through the generations.

With the advent of explorers and naturalists, mainly from Europe, the science of botany made its appearance in the Horn perhaps a hundred years ago, though desultory collecting had been done even a century earlier. Botanical work has been hindered, to a large extent, by fluctuating political conditions, and consequently has been very spasmodic, particularly since the beginning of the century (Lavranos 1975). Poor access and strong seasonality of the vegetation have also hampered plant collection.

A comprehensive list (Cufodontis 1961) of botanists who visited northern Somalia indicates fairly even activity in the periods 1890-1906, 1929-35 and 1941-58, with sparser activity between. In the region under Italian influence, activity was fairly even between 1890-1940 and 1951-57. A total of 60 collectors is listed for British Somaliland and 74 for Italian Somaliland; some of these overlap.

Virtually all the plants collected by these botanists and explorers were shipped back to European institutions. Only recently has there been a slight trend reversal with the establishment of the Somali National Herbarium (MOG). The E. African Herbarium (EA) in Nairobi also has a noteworthy collection of plants from Somalia, and currently c50% larger than at MOG. The bulk of the Somali plant collections, however, is lodged in European herbaria particularly Florence and Kew.

Many of the new species described from Somalia were in the hands of Italian botanists, among whom E. Chiovenda is preeminent in richness of publications and new names. German and British taxonomists have also made substantial contributions, and the last couple of decades have seen the lion's share of activity by taxonomists at Kew Herbarium, with significant activity by Scandinavian botanists. Unfortunately, their work on Somali plants has been peripheral to the task of preparing the Flora of Tropical East Africa (FTEA) and the Flora of Ethiopia (FE). Even now, publications on Somali plants are slim and sparse.

Many of the earlier scientific names were hastily concocted, from poor material and with a poor grasp of morphological and

geographic amplitudes. The same species was often described more than once, occasionally even by the same person! For example, Chiovenda described Coffea rhamnifolia twice, under two different genera no less. This plant is a good example of the confusion that can be wrought (and eventually resolved) by taxonomists. It had at various times been known as Coffea paolii, Paolia jasminoides, Canthium rhamnifolium and Plectronia rhamnifolia. An exceptional example of proliferated naming is the grass Rhynchelytrum repens. This species has been listed under 7 different generic names, and the total synonymy runs to almost 2 pages of fine print in FTEA. Even today the occasional slipup occurs. For example, the presently described Commiphora erosa (Vollesen 1985) was based on a mixture of C. erosa and C. sphaerocarpa material, and the specific epithet, meaning 'gnawed', erroneously refers to the pitted stone of sphaerocarpa and not that of erosa which is smooth (Gillett 1987).

There have been four publishing milestones (one might also, and not in total jest, say millstones) in the accretion of knowledge on Somalia's flora. The first useful approximation of the country's flora was by E. Chiovenda, culminating in his Flora Somalia (Parts 1-3, 1929-34). Numerous new species and genera were erected, and Italian or Latin descriptions provided for many of Somalia's plants. Chiovenda's contribution has been a mixed blessing. He did name and describe a great many species but his haste (and perhaps uncritical attitude) has left a plethora of unsubstantiated and confusing names. Many have been relegated to synonymy with older names of wider-ranging species, and likely many more are targets for revision, though it is a maddeningly slow process requiring specialists in specific families.

Chiovenda not infrequently caused trouble by describing new species or genera from sterile or sparse material. For example, two of his Monadenium species (Euphorbiaceae) turn out to be Compositae (Bally 1961). As another integrated example, let us consider three Jubba Valley monotypic endemics created by Chiovenda. All have recently been reduced to synonymy with established genera, and incidentally diminishing the apparent floristic uniqueness of the Jubba forests. The first of these, Sennia, was based on scrappy material and placed in the Sapindaceae. It is actually Dialium orientale, a well-known tree in the Caesalpiniaceae (Friis 1981). The name Sennia would have been invalid anyway, as it had been predated by a validly published name of an algal genus. Chiarinia, from even poorer type material, is the well-known Lecaniodiscus fraxinifolius. Hypséloderma, the third of this triumvirate, was a tougher nut to crack. Initially Friis (1984) agreed with Chiovenda's diagnosis, exemplifying it as a Zanzibar-Inhambane narrow endemic. But finally (Friis & Vollesen 1985) it was tracked down: H. jubense turns out to be Camptolepis ramiflora, a rare plant of the Tanzanian coast. Chiovendian names such as these continue to give taxonomists fits (and surely take away from valuable time for plant identification).

At least part of the problem in clearing up these old names is the paucity of plant material. Large parts of the country have seen virtually no botanical exploration, so material for critical comparison is often sparse or non-existent. In the case of Hypseloderma, it is known from only 4 collections made about 70 years ago.

Let it not be concluded that Chiovenda was a subpar taxonomist. Personages as respected as Linnaeus and Adolf Engler made mistakes. For example, Linnaeus described Sarcostemma viminale, an asclepiad, as a Euphorbia (probably on its succulence and milky sap). Engler sometimes erred badly (and did not like admitting it). For example, six plants described by him as new Commiphora (Burseraceae) species were found to belong to: 2 Lannea (Anacardiaceae), 2 Sclerocarya (Anacardiaceae), 1 Platycelyphium (Papilionaceae), and 1 Combretum (Combretaceae) (Gillett 1973). Whether or not Chiovenda was a worse offender than most is perhaps beside the point. It happens to be his profusion of names that is now being unraveled. It is his legacy that has complicated and retarded our understanding of the Somali flora.

The last half decade or so has been a period of intense scrutiny of Chiovendan names by European botanists, resulting in many of these names falling into synonymy. At the same time many genuinely new species are being discovered, plants that can't be equated with any of the Chiovendan names.

The second major advance came with Glover's (1947) checklist. This was less of a stride forward than might seem initially. Glover listed all known species from northern and southern Somalia, but unfortunately also included many Ethiopian species without recognizing their geographic limits. J.B. Gillett, that indefatigable student of Somali plants, cautions that "the inclusion of species in this work is no evidence that they really occur in Somalia." He has noted (pers. com.) that Glover incorporated most of Gillett's records from the Harar area of Ethiopia though Gillett clearly stated Abyssinia and not Somalia. The book suffers a further credibility gap by inadequate documentation of information sources. It must nevertheless be recognized as a serious attempt to organize and upgrade the country's floristic knowledge, and it deserves kudos for compiling Somali plant names.

An important advance, extending over a 20-year period, was the serial publication of Enumeratio Plantarum Aethiopiae by G. Cufodontis. In this weighty work the author listed all species known from Somalia and Ethiopia. Some synonymy was included, and also listed were the [disposition? of] type specimens, distribution especially in Africa, many indigenous names, and a bit of economic - mainly medicinal - information. The work is in Latin, a relatively minor distraction. Its chief defect is its uncritical acceptance of many Chiovendan names. A major cleanup



of synonymy was still needed, (but by this time clearly beyond the resources of just one expert).

The fourth major step, also begun around the time of Cufodontis' compilation, was a much more exhaustive examination of Somali plants, begun by \_\_\_\_\_ but alas, even now far from complete. Known as Adumbratio Florae Aethiopicae, and published in Webbia as separates at the family or genus level, this entails certainly the most comprehensive account of individual species, with profuse citation of specimens and ?distribution maps. As of 1987, \_\_\_\_\_ families have been published, the main one, perhaps now slightly out of date, on Caesalpiniaceae.

Although not having the Somali flora directly in its sights, the Flora of Tropical East Africa (FTEA) series is indispensable for any serious study of Somalia's vascular plants. Despite being slightly less than halfway to completion and although not covering many of the country's species, FTEA is the most comprehensive, erudite and reliable information source on distribution, synonymy and taxonomy of the NE African flora.

The Flora of Ethiopia (FE), a recent undertaking mainly of Kew Herbarium taxonomists, promises high standards and will cover perhaps 75% of the Somali flora. Many of the families have not yet been spoken for, but a few are in manuscript form and a very few are published. Notable are the Leguminosae by Thulin (1983). It may be worth noting that \_\_\_\_\_ % of the genera and \_\_\_\_\_ % of the species of legumes in Somalia are covered in this work.

In 1985 S.M.A. Kazmi, working at MOG, completed a draft entitled Guide to the flora of Somalia. This massive manuscript drew heavily on Cufodontis and FTEA, and incorporated information from MOG. Its advantage was that it dealt strictly with the Somali flora, but like its predecessors it was uncritical in its acceptance of the earlier names many of which will surely be sunk into synonymy.

The literature contains a number of publications dealing directly or indirectly with Somali plants and these have helped clear up some long-standing taxonomic puzzles as well as supplying basic information on distribution and diagnosis. But they have scarcely encroached upon large tracts of phyletic terrain, e.g. Asclepiadaceae, Compositae, Solanaceae, Acanthaceae, Labiatae, Liliaceae.

## 3. SYNOPSIS OF THE SOMALI FLORA

Somalia has over 3000 plant species (Table 1). This anticipates reduction of quite a few species names to synonymy, though of course the degree to which this will occur is not known. It partly depends on current thought in taxonomy, and on the views (and sometimes whims, methinks) of taxonomists. For example, consider Commicarpus (Nyctaginaceae), a more or less cosmopolitan genus with species concentrations in the arid parts of Africa particularly Somalia. Meikle's (1978) revision of the genus recognized 23 species, sharply diverging from Stemmerik who recognized only 3 variable species. Allophylus (Sapindaceae) is another example: A. rubifolius can be viewed as one variable species, or only one of at least 3 related species in Somalia. A couple of the larger genera of Gramineae and Papilionaceae have, in Somalia, species complexes that can be treated as single species or up to half a dozen different species (e.g. see FTEA for ... ).

Table 1. Summary statistics on the vascular flora of Somalia; exotics excluded.

GROUP	VASCULAR				TOTALS
	CRYPTOGAMS	GYMNOSPERMS	MONOCOTS	DICOTS	
<b>NO. FAMILIES</b>					
known + expected	11	3	24	121	156
dubious	1	0	2	9	12
					<u>168</u>
<b>NO. GENERA</b>					
known + expected	14	3	168	731	913
dubious	1	0	12	49	62
					<u>975</u>
<b>NO. SPECIES</b>					
known + expected	23	3	611	2765	3399
dubious	4	0	17	64	79
					<u>3478*</u>

\* Adjusted total = 3015 after synonymization of c380 species.

The problem of synonymy may create some slightly misleading impressions about the flora. For example, a rather large number of Maerua and Grewia species have unverified Chiovendan names. Most of these are from the southern part of the country and may have inflated species estimates here (cf. Table 3). I believe

more of the cleanup process of names is needed in the southern flora.

Counterbalancing the synonymization process, and perhaps overwhelming it, is the continuing discoveries of new species in Somalia. Many record extensions and genuinely new species have been added to the flora especially in the last decade, and this process shows no signs yet of flagging. The three ecological surveys (RMR...) in the N, CR and S uncovered many new species and records. Current collecting in the N (by M. Thulin & A. Warfa), CR (by CRDP ecologists) and S (C. Hemming & I. Deshmukh on the Jubba, and I. Friis & K. Vollesen in the SW corner) is unearthing many new range extensions and undescribed species. J. B. Gillett, the most durable authority on the Somalia flora, expects the species total to reach 4000 when all have been discovered, both the unknown species and extensions of Ethiopian, Arabian and Kenyan plants.

The largest families and genera in the country are listed in Tables 2 and 3. Most are cosmopolitan or, at the very least, widespread in Africa, and in general reflect floristic proportions in other countries. The only real anomalies are the great numbers of euphorbias and commiphoras, and surprising numbers of aloes and Jatropha.

Considering that Somalia is a sizeable chunk of tropical terrain, its flora has some striking gaps. Orchids, ferns and freshwater aquatics are extremely few in species and abundance. This clearly reflects the paucity of damp and mesic habitats. The effect is particularly acute in the 149,000 km<sup>2</sup> of the Central Rangelands, with only one species each of orchid and fern. Orchids and ferns are two of the world's largest taxa; E. Africa alone has c700 orchid species (J. B. Gillett, unpub. list). Ephedra and Juniperus excelsa are the only gymnosperms recorded from Somalia and one cycad is expected to occur in the extreme SW. The juniper is the only conifer, and confined in Somalia to a few km<sup>2</sup> of mountain terrain in the north. Africa in general is poor in gymnosperms but Somalia is exceptional in this regard [but what about W Afr?].

A few very small families include Somalia in their limited distributions. Virtually all are confined to the northern part of the country (Table 4). The north belongs to a unique floristic province also including the mountainous southern fringe of the Arabian peninsula and the island of Socotra. The Loasaceae, Cistaceae, Barbeyaceae, Coridaceae and Globulariaceae characterize this region. They and many genera of larger families have failed to penetrate southward into the CR whose floristic and vegetational affinities are with semi-arid bimodal-rainfall NE tropical Africa.

I have not attempted to calculate the total endemic component, but would expect 10-15% at the species level. Regional endemism is much higher. For example, of 45 Crotalaria species in

Somalia, only 4 are endemic but 25 are confined to Somalia-Ethiopia-Kenya (data from Polhill 1982). The north in particular is a well-known centre of endemism. Table 5 summarizes some of the country's endemic and near-endemic taxa. Some larger genera also have a significant endemic component.

Somalia has a fairly rich succulent flora, represented mainly by Crassulaceae, Euphorbiaceae (*Euphorbia*), Asclepiadaceae sec. Stapeliaceae, and Liliaceae (*Aloe*). Succulents are particularly diverse in the north. In a useful summary of succulent stapeliads, Plowes (1980) notes "the very rich and interesting Somali flora", second only to the Cape's in its variety of forms and numbers of endemics. Botanical exploration has added a lot of these species in just the last decade or two, and more can be expected to turn up.

Table 2. The top plant families of Somalia, ranked by adjusted total numbers of species (known + expected).

FAMILY	NO. GENERA		NO. SPECIES				
	CR	SOM	N	CR	S	SOM	SOM*
Gramineae	47	89		110		302	287
Papilionaceae	25	46		98		215	201
Euphorbiaceae	17	28		75		196	175
Compositae	21	56		53		173	144
Acanthaceae	20	33		72		178	141
Rubiaceae	19	40		43		127	113
Burseraceae	2	2		75		105	105
Asclepiadaceae	21	38		37		108	103
Convolvulaceae	8	18		47		115	97
Labiatae	10	20		37		101	89
Malvaceae	8	10		59		110	85
Liliaceae	8	19		21		104	85
Cyperaceae	4	11		22		91	84
Boraginaceae	8	14		33		82	69
Capparaceae	7	9		43		75	64
Mimosaceae	4	8		37		58	51
Cucurbitaceae	9	13		22		48	45
Caesalpinaceae	9	13		28		48	44
Amaranthaceae	17	22		32		53	43
Tiliaceae	3	4		25		47	41
Scrophulariaceae	6	18		9		44	41
Verbenaceae	8	12		18		48	40
Solanaceae	3	4		22		47	35

\* Adjusted for expected synonymies.

Table 3. The largest plant genera in Somalia and their broad species distribution (known + expected no. species, before synonymization). Two moderately large genera of succulents also included for their striking distribution. Important species concentrations in bold.

GENUS	NO. SPECIES			
	TOTAL	N ONLY	S ONLY	CR TOTAL CR ONLY
Euphorbia	102	43	20	35
Commiphora	89	11	21	71
Cyperus	57	8	27	18
Crotalaria	46	17	16	18
Indigofera	46	6	13	28
Ipomoea	45	12	19	14
Acacia	42	8	5	30
Solanum	42	15	9	20
Hibiscus	40	8	11	20
Barleria	37	11	10	16
Heliotropium	35	11	8	19
Pavonia	32	5	8	17
Justicia	32	13	11	10
Sporobolus	31	10	4	11
Aloe	27	18	2	7
Jatropha	25	4	5	14
Cassia	24	2	7	11
Grewia	24	1	12	9
Maerua	24	1	7	14
Tephrosia	22	7	3	9
Eragrostis	23	9	8	3
Cleome	22	10	1	9
Plectranthus	22	14	6	2
Vernonia	21	9	6	6
Pulicaria	20	15	1	4
Caralluma	19	12	0	7
Aristida	18	9	1	12
Abutilon	17	1	3	12
Commelina	17	3	7	7
Combretum	17	1	7	7
Polygala	17	7	4	4
Rhynchosia	17	7	2	8
Brachiaria	17	6	3	5
Pavetta	16	6	6	4
Chlorophytum	15	3	8	3
Echidnopsis	13	11	0	2
Kalanchoe	12	9	1	2

Table 4. Plant families restricted in Somalia to just the northern or southern portion of the country, with numbers of genera and species known or expected to occur.

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NORTH ONLY

Selaginellaceae	Selaginella 3
Equisetaceae	Equisetum 1
Ophioglossaceae	Ophioglossum 1
(Adiantaceae	only 1 species of 12 in 5 genera not restricted to N)
Aspleniaceae	Asplenium 2, Ceterach 1
Azollaceae	Azolla 2
Cupressaceae	Juniperus 1
Ephedraceae	Ephedra 2
Berberidaceae	Berberis 1
Ranunculaceae	Anemone 1, Clematis 1
Fumariaceae	Fumaria 1
Loasaceae	Kissenia 1
Geraniaceae	Geranium 5, Monsonia* 4, Pelargonium 4
?Oxalidaceae	Oxalis 1
Pittosporaceae	Pittosporum 2
Cistaceae	Helianthemum 3
Hypericaceae	Hypericum 2
Rosaceae	Rosa 1
Barbeyaceae	Barbeya 1
Urticaceae	Forsskaolea 2, Parietaria 1, Pouzolzia 1, Urena? 1, Urtica 1
Cynomoriaceae	Cynomorium 1
Ericaceae	Erica 1
Dipsacaceae	Pterocephalus 1
Primulaceae	Anagallis 1, Cyclamen 1, Primula 1, Samolus 1
Coriaceae	Coris 1
Plantaginaceae	Plantago 3
Campanulaceae	Campanula ?1, Wahlenbergia 1
Globulariaceae	Globularia 1, Poskea 3
Potamogetonaceae	Potamogeton 2
Smilacaceae	Smilax 1
Hypoxidaceae	Hypoxis 1
Juncaceae	Juncus 3

SOUTH ONLY

Ceratophyllaceae	Ceratophyllum 1
?Nymphaeaceae	Nymphaea 2
Sonneratiaceae	Sonneratia 1
Lecythidaceae	Barringtonia 1
Melastomataceae	Memecylon 2
Bombacaceae	Adansonia 1

Connaraceae	Byrsocarpus 2
Sphenocleaceae	Sphenoclea 1
Utriculariaceae	Utricularia 2
Alismataceae	Burnatia 1, Limnophyton 1
Flagellariaceae	Flagellaria 1
Xyridaceae	Xyris 1
Lemnaceae	Pseudowolffia 1
Azollaceae	Azolla 1
Cycadaceae	Encephalartos 1

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\* possibly 1 species in CR

Many of the stapeliads are, in the opinion of their discoverers, exceedingly rare. An exception among succulents is the aloes, conspicuous dominants in some of the N Somalia vegetation types. Aloes may be abundant because they are untouched by stock, but "It is not thought that their frequent occurrence is due to devastation for they are sometimes most common in the least devastated areas." (Glover 1947)

A lesser center of endemism is the central coast, with species such as Commiphora planifrons, Oldenlandia saxifragoides, [Puntia,] Maytenus obbiadensis and other prostrate wind-molded forms, and curiously soft-spiny jatrophas. The hawd, a large region of deep sands in the interior and extending into the Ogaden, has many endemic or subendemic shrubs and trees, Cordeauxia an outstanding example. Eil, at the mouth of the Nogel in NE Somalia, is a noteworthy collecting locality. A surprising number of the northern species are known only from Eil. The most significant of these is Poskea socotrana (Globulariaceae), in gullies at the mouth of the Nogal. The (Gawen) gorges in the vicinity of Hobyco are also noteworthy for their mesic floristic component, including the marked N-flora disjunct Buxus hildebrandtii and S-flora disjunct Vepris engeniifolia.

Table 5. Some unique or otherwise interesting genera in Somalia.

## 008 ANNONACEAE

*Asteranthe asterias* Monotypic endemic of the Kenya-Tanzania coast, but also expected to occur in extreme SW Somalia.

## 034 TURNERACEAE

*Loewia* Confined to E-NE Afr.

## 035 LOASACEAE

*Kissenia* Disjunct N Somalia - S Afr.

## 039 CRUCIFERAE

*Diceratella* c8 spp centered on the S-M Zone, with 5 in Somalia; also 2 in Iran.

*Farsetia* c25 spp in the S-M Zone & Asia, of which Somalia has 13; N Som. is the main centre of distribution.

*Puccionia* Monotypic endemic in N.

## 053 CARYOPHYLLACEAE

*Robbairia*  
*Sphaerocoma*

## 055 AIZOACEAE

*Tribulocarpus* Monotypic, in S-M Zone & Namibia.

## 056 PORTULACACEAE

*Anacampseros somalensis* Ogaden & maybe CR; if not actually synonymous with *Talinum*, it is the sole species of the genus outside of S Africa (70 spp) & Australia (1 sp).  
*Calyptrotheca* 2 spp, NE trop. Afr.

## 057 POLYGONACEAE

*Oxygonum* An undescribed species from the CR (Gillett et al. 23264) is a shrub to 3m, a striking divergence from the genus' low forbs & dwarf shrubs.

## 061 CHENOPODIACEAE

*Gyroptera* 2 spp, Somalia, & Chalbi Desert of N Kenya.  
*Lagenantha* Monotypic endemic in N & CR.  
*Saltia* Monotypic, S Arabia-N Somalia.

## 063 AMARANTHACEAE

*Allmaniopsis* Considered a monotypic endemic of Kenya (FTEA) but may also occur in Somalia.  
*Chionothis* 2 spp, only Somalia  
*Dasysphaera* 4 spp, E-NE Afr.  
*Neocentema* 2 spp, 1 in Tanzania, the other in Somalia.  
*Lopriorea* Monotypic, Kenya-Ethiopia-Somalia.  
*Pleuropterantha* Monotypic endemic.  
*Polyrhabda* Recently described monotypic endemic in N.  
*Sericocomopsis* 2 spp, only S-M Zone.



Volkensinia Monotypic endemic of S-M Zone.

066 ZYGOPHYLLACEAE

Kelleronia As many as 9 spp, all confined to Somalia (& probably Ogaden).

Seetzenia Various species in deserts of N&S Afr, Arabia, India.

067A DIRACHMACEAE (alternatively part of Geraniaceae)

Dirachma Only 2 species in this family, 1 (possibly extinct) in Socotra & 1 as yet undescribed species in CR of Somalia.

096 CISTACEAE A fam. not found in E. Africa, but 3 spp in N Somalia.

130 STERCULIACEAE

Aethiocarpa Recently described monotypic endemic from NE.

Harmsia Monotypic endemic (in S-M Zone)

132 MALVACEAE

Gossypium 6 indigenous species

Symphochlamys

136 EUPHORBIACEAE

Euphorbia 2nd-largest genus in Somalia with c80 spp; numerous endemics particularly in the N.

146 CAESALPINIACEAE

Cordeauxia Monotypic endemic in CR-Ogaden.

Parkinsonia 3 spp in NE trop Afr, 1 in S Afr, several in Amer.

147 MIMOSACEAE

Acacia Vegetationally the top dominant; also about a dozen endemic species.

148 PAPILIONACEAE

Arthrocarpum 2 spp, 1 in Socotra & 1 in CR

Dicraeopetalum Monotypic, Somalia & E Kenya.

Indigofera Perhaps the most ubiquitous of all genera in Somalia; some endemics.

Platycelyphium Monotypic, Somalia & EA thornbush.

Spathionema Monotypic, in EA thornbush, expected S.

Vatovaea 1-2 spp, Somalia & E Kenya.

166 BARBEYACEAE

Barbeya is sole species in Barbeyaceae; N Som.-Yemen.

173 DELASTRACEAE

Maytenus Good example of Afr-Arabian connection: 3 species endemic to Somalia, 3 to Ethiopia & 2 to Arabia; M. arbutifolia distribution includes N Somalia, Yemen & Saudi Arabia.

- 189a CYNOMORIACEAE  
The family has only 2 spp, essentially Mediterranean but with one extending to N Somalia.
- 193 VITACEAE  
Cyphostemma betiforme is closely related to the succulent cyphostemmas in Namibia (Vollesen: FE).
- 194 RUTACEAE  
Thamnosma Distribution includes S U.S., SW Afr., Socotra/Arabia/N Somalia.
- 195 SIMAROUBACEAE  
Kirkia 2 spp in the Horn area, 1 in Cent-S Afr., & 2 in S-SW Afr.
- 196 BURSERACEAE  
Boswellia Two native species in N produce the frankincense of commerce.  
Commiphora Biggest genus in Somalia which has about half the world's species; CR very rich in species; numerous endemics in Somalia/Ogaden; source of myrrh.
- 198 SAPINDACEAE  
Erythrophysa 1 in Ogaden, 2 in S Afr., 6 in Madagascar.
- 213 UMBELLIFERAE  
Trachyspermum A genus chiefly of Indian subcontinent but with 2 spp extending via the Horn to E Kenya & NE Tanzania (FTEA).
- 222 SAPOTACEAE  
Monotheca Monotypic, Somalia & Eth. to Pakistan.
- 230 APOCYNACEAE  
Adenium Genus has 5 species, A. obesum in (NE?) Afr. & S Arabia while the 4 others are southern Afr.
- 231 ASCLEPIADACEAE  
Diplostigma 1 EA  
Socotora Monotypic, NE trop Afr. & Socotra.  
Strobopetalum Monotypic, NE trop Afr & S Arabia.  
Tenaris also S Afr, ?trop. Afr...  
Sec. Stapelieae 10 genera in Somalia, mostly in N, including the monotypic endemic Whitesloanea, 7 endemic species of Caralluma, several endemics in Echidnopsis, & 2 or 3 endemic "stone plants" (Pseudolithos).
- 232 RUBIACEAE  
Tennantia Monotypic, only S Somalia-E Kenya.
- 238 COMPOSITAE

*Pulicaria* A center of endemism in NE Somalia, with \_\_\_ spp; virtually absent from E. Africa, reappearing in S. Afr.  
*Sclerostephane* A widespread genus, but with 5 Somali endemics, all confined to the N.

## 240 PRIMULACEAE

*Cyclamen* Discovered 1987 in N; nearest locality for the genus is 1900 mi [km?] away in Lebanon.

## 240a CORIDACEAE

*Coris* is sole species in Coridaceae; Mediterranean, Somalia.

## 249 BORAGINACEAE

*Wellstedia* 3 or 4 spp, in NE Afr (N Somalia, Eth.), Socotra, Namibia & SW Afr; placed by Airy Shaw ( ) in its own family Wellstediaceae.

## 251 CONVULVULACEAE

*Cladostigma* 2 spp, NE trop Afr.

## 259 ACANTHACEAE

*Acanthostelma* Recently described monotypic endemic in N.  
*Barleria* Likely several endemic species.  
*Chamaeacanthus* Monotypic endemic in N.  
*Golaea* Monotypic endemic in N.  
*Lindauea* Monotypic endemic in S.  
*Megalochlamys* In CR, though listed by Airy Shaw as 3 spp in SW Afr (only).  
*Satanocrater* 3 or 4 spp in NE trop. Afr. centered on Somalia, also 1 in Sudan, 1 in W. Afr.  
 A possibly new, undescribed genus in CR-Ogaden.

## 260 GLOBULARIACEAE

*Globularia* Europe, Mediterranean, NE Afr.

## 264 LABIATAE

*Puntia* Recently described monotypic endemic in CR (Jiriban).

## 293 LILIACEAE

*Aloe*

## 332 GRAMINEAE

*Afrotrichloris* 2 spp, restricted to CR-Ogaden.  
*Pseudozoysia* Monotypic endemic in Hobyo.

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NOTES: Not all the above are endemic genera according to some authorities. For example, *Gyroptera* and *Lagenantha* may be referable to *Salsola*, a well-known cosmopolitan genus of salt plants.

Some of the distributions, taken from Airy Shaw, reflect an ethnic usage of the term 'Somalia'. For example, Erythrophysa (Sapindaceae) is listed under distribution as Somalia, though occurring deep in the Ogaden.

A dismaying number of species are known from only the type or a very few collections. Some have not been recollected for decades. This is a reflection of the continuing low level of botanizing in the country. Many large areas in the North, South and Central Rangelands are represented by exceedingly few collections. A lot of undescribed species are still being unearthed, particularly in the Burseraceae but also scattered through many dicot families. In Commiphora alone, 8 species from the S-M Zone, most of them locally or regionally abundant in Somalia, were described/ published in 1985, and a further ?10 good species (as well as some other poorly understood material) are awaiting publication.

#### Anthropogenic vegetation change

Although the intensity of plant collecting is low, and although some plants have likely always been rare, landscape change and vegetational degradation are surely responsible for the low incidence of recollections. Crotalaria leucoclada from the Golis Range in the North is "Known only from a couple of gatherings made at the end of the last century. It is surprising that no subsequent collectors have found it for it must be a very conspicuous plant when in flower, but it may have suffered with the general degradation of the highland Flora of northern Somalia." (Polhill 1982) The underrepresentation of stapeliad collections may be the result of small initial populations being decimated, perhaps exterminated in some cases, by intense grazing and erosion particularly in this century. Included here are unique forms such as the monotypic endemic Whitesloanea. "All recent efforts to relocate the plant have been in vain, and it is feared that it might now be extinct." (Plowes 1980) One collection label for the stone plant Pseudolithos cubiforme states, "Extremely local and rare. Thirteen plants only found after prolonged search." And as a postscript, which may be very telling, "Eaten by stock and by Somalis." (P.R.O. Bally in EA). The scarcity of Huernia somalica, another small stapeliad, is blamed on goats though the stems are also eaten by people and it is said to be used as an aphrodisiac (EA). Some of the endemic

northern euphorbias such as E. columnaris are rare and endangered (Carter 1986).\*

Damage to vegetation is most obvious in the north. If one reads old accounts c1900-1910 and compares with what is now to be seen it is most depressing [see lit]. Even when J.B. Gillett was there in 1932 the degradation was manifest and is now far worse. Although in N Somalia succulents, particularly some of the stapeliads, are being brought to the brink of extinction by the combined effects of man and his livestock, some succulents may actually thrive under conditions of land degradation. Some Caralluma and Aloe species are indicators of overgrazing. In central Somalia, mature plant communities with light or moderate stock impact have essentially no succulent component except for the ubiquitous Adenium obesum and members of the Vitaceae. On the other hand, degraded communities, those where the effects of livestock are most evident, may commonly have aloes and carallumas. Range analysis in Hiiraan Region has demonstrated a strong correlation between diversity of succulents and range condition (P. Kuchar, unpub.). In Kenya it is noteworthy that the stapeliads are most conspicuous and most richly diversified in the area from Baringo to Turkana, a part of the country that has seen some of the most severe degradation. There is a specific floristic connection between this overgrazed subdesert area and N Somalia via species such as Echidnopsis dammanniana, Caralluma dicaprae, C. foetida and C. turneri.

Another indicator of heavy pressure on vegetation is an abnormal growth form or mutilated individuals. The N endemic Diplolophium somaliense, a shrubby herb that can grow to 4 m, is normally found as a much stunted plant; due to stock pressure it only grows to its full height in inaccessible hills (Verdcourt 1963). Herbarium labels provide further evidence of the extreme pressure on plants. In the mountains of the north, trees and large shrubs such as Olea europea, Nuxia, Pistacia and Acokanthera schimperi are lopped, chopped and hacked about. It is noteworthy that in the much richer herbarium material from Kenya, in which Olea and Acokanthera are each represented by more than 100 labels and many use records (e.g. almost a third of the Olea labels), there is absolutely no indication of excessive exploitation.

A truly shocking case of exploitation comes from the island of Socotra but is peculiarly linked with Somalia. The flora of Socotra includes a number of generic endemics, perhaps the most outstanding being Dirachma. This remote relative of geraniums

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\* One way to counter this problem of extinction, according to Bally et al. (1975), is to bring some of the rare species (particularly succulents) into cultivation. Discussing the stone-plants Pseudolithos in particular, they noted that "In view of the great danger of the plants becoming extinct in habitat... every effort must be made to propagate and distribute them as widely as possible."

has been treated as a monotypic family Dirachmaceae. J.B. Gillett (in litt.) notes that the Socotran population has been destroyed. A recent expedition to Socotra found that the one and only grove of small trees known to exist from 1967 had been cut down for firewood.

In 1983? a second species of Dirachma, tentatively designated D. 'somalensis', was discovered in central Somalia, and subsequently a few sparse scattered populations have been located from Hobyo to Jalalaqsi. "It would be splendid if D. somalensis could be brought into cultivation preferably in Somalia itself since these dry tropical shrubs are difficult to preserve in greenhouses." (J.B. Gillett)

Although the north has seen the most severe degradation of rangelands and floristic resources, less spectacular but equally alarming changes are happening in other parts of the country. Improvement of veterinary health services, escalating populations among nomads, water development, armed conflict with its aftermath of refugee camps, and the lack of self-regulating devices among pastoralists and their use of land, are resulting in range deterioration and loss of the leading feed and fuelwood species.

An instructive example of this process of active decline is seen in yicib (Cordeauxia edulis). Long recognized for its tasty and nutritious nut, this extraordinary CR-Ogaden endemic, due to its evergreen habit and nutritious foliage, is an outstanding dry-season browse for the large camel and goat populations in E Hiiraan Region and northern portions of Mudug Region. Although in no immediate danger of extinction, it has been decimated and is still in decline (Fig. 4).

### Exotics

A final plant group in Somalia is the exotics. Aside from agricultural crops and a few ornamentals, exotics are surprisingly few in species and number, and a strikingly weak invasive force. The habitats which weeds (the main exotic component in most countries) are adapted to are a regular part of the Somali landscape: unstable eroding soils with truncated or no soil profile development; degraded sites heavily impacted by stock; postcultivation sequences in a traditionally agropastoral landscape. The autochthonous flora has evolved species for these habitats, thus exotics would have a hard time penetrating.

The only introduced weeds of any substance are Amaranthus, Datura, Opuntia, Iridax, and possibly Lantana and Cassia. Datura is a locally common roadside weed. Cacti (Opuntia) are very locally highly aggressive and successful colonizers, somewhat escaping their original role as hedges. But in typical bushlands and grasslands the exotic component is nil or insignificant.

One common exotic in central Somalia is Conocarpus, a stately evergreen widely planted in urban settings. It is however native to the north.

#### 4. PHYTOGEOGRAPHY

##### Somalia-Masai phytochorion

Phytogeographically the Horn of Africa has been placed in the Somalo-Ethiopian domain of the Sudano-Angolan region [Monod], the Oriental and Sahelian domains of the Sudano-Zambezian region [Lebrun, White], and the Sahelo-Somalian domain of the Saharo-Sahelian region [Troupin] (Lavranos 1978). It is climatically and floristically part of the semi-arid regions of subsaharan Africa, but with vegetational and species richness enhanced by bimodal rainfall regime and long-term stability.

Virtually all of Somalia (Fig. 1) falls within White's (1983) Somalia-Masai (SM) phytochorion. This broadly conceived vegetational-floristic region also includes much of Kenya and Ethiopia and the arid northern portion of Tanzania and northwestern Uganda. It has a climatically unique [unusual] annual cycle of 2 wet and 2 dry seasons\*, total rainfall rarely >600 mm. There is a rough subdivision into a 100-250 mm zone of dwarf-shrub grasslands, annual grasslands and desert subsucculent formations, and the geographically extensive 250-500 mm zone of deciduous bushlands, generally known as the Acacia-Commiphora bushlands.

Bushland and bush thicket are widespread in Africa at 250-500 mm but only form extensive communities under a bimodal rainfall regime, or where rainfall is markedly irregular, or where dry-season humidity is high. Thus, deciduous bushlands are the climatic climax of the SM region. Features of typical zonal Acacia-Commiphora bushland include:

35-65% canopy cover, very rarely impenetrable thicket (& then probably a degraded variant such as Dichrostachys). [J.B. Gillett (lett. in EAH) flatly states: "I have never seen Acacia-Commiphora bushland locally impenetrable."] This is because large game animals or livestock maintain trails through it; possibly may become impenetrable if game is exterminated and stock excluded by disease.

height 3-5(7) m with sparse but usually characteristic emergents to 12 m; mean height decreases with decreasing

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\* Only other places: rest of Africa has 1 strong wet season... except the very erratic true deserts.

rainfall, e.g. averaging c2 m at c200 mm but c5 m at 300 mm rainfall.

90-99% deciduous component

25-50 woody species

armed component usually (strongly) dominant

grasses & forbs often sparse/irregular, species-poor

absolute dominance by Acacia and Commiphora, typically with several species codominant

characteristic secondary components include Grewia, capparids, Cordia,

succulents present but unimportant, rarely >2% cover or biomass, and few species in any given stand

vines present but rarely >2% cover; mostly Kedrostis and Vitaceae (Cissus, Cyphostemma)

Almost all plant communities in the SM zone have Acacia &/or Commiphora as leading dominants in the shrub and tree layer. Together they account for at least 50% of overall biomass and browse in the SM zone. Acacia tends to dominate in the majority of stands but there are also some virtually pure Commiphora bushlands and woodlands. A handful of Acacia species make most of this genus' contribution: A. senegal, A. tortilis, A. reficiens, A. mellifera and, in azonal habitats usually involving seasonally waterlogged soils, A. drepanolobium, A. seyal and A. zanzibarica are strong dominants. Commiphora, while not quite so overwhelmingly dominant in most sites, is richer in species with a total of c100 in the SM zone versus less than half that for Acacia. Commiphora is also more diverse on an individual stand basis; some 0.5 ha plots in central Somalia have up to 15 Commiphora species (Kuchar, unpub. data).

Other characteristic components of the Acacia-Commiphora bushlands include Grewia (especially G. temberensis, G. tenax, G. villosa, G. bicolor), Sericocomopsis, Dalbergia, Ormocarpum, Sesamothamnus. Legumes are leading dominants in the dwarf shrub layer, notably Indigofera and Crotalaria. The characteristic emergents, trees to 12 m high thus towering above the mean canopy, include Delonix, Gyrocarpus, Boswellia, Albizia and, less frequently, Acacia.

The SM zone is faunistically distinct, with a number of mammals uniquely adapted to the semi-arid conditions and preponderance of browse. The Acacia-Commiphora bushlands could in zootic terms be the gerenuk (Litocranius) bushlands or, alternatively, camel bush. Both these browsers are superbly adapted to the bushlands. The gerenuk, one of the few large mammals completely independent



of free water, is endemic to the SM zone. The camel is a ubiquitous species of the SM zone, with the world's densest concentrations here. Somalia alone has close to 50% of the world camel population (Elmi 1983).

Other endemic mammals include dibatag (Ammodorcas), like the gerenuk a peculiarly long-necked antelope; beira (Dorcatragus), Beisa oryx, several gazelles, lesser kudu, the wild ass, and a rich dikdik assemblage. Curiously, this degree of endemism is at least the equal of all South Africa's, whose flora is far richer.

Most of the Acacia-Commiphora bushland genera occur throughout the S-M zone, but many of the individual species have more restricted ranges. The uniqueness of vegetation types appears to peak in the interior portion of Cent. Somalia and adjacent Ogaden. Here entire plant communities, some extending over hundreds of km<sup>2</sup>, are dominated by narrow endemics. Worth mentioning here are a suite of acacias endemic to hawi bushlands (A. hamulosa, A. walwalensis, A. zizyphispina), and Commiphora subgenus Oprobalsameae, most of whose 25 or species are confined to this area. Among these are C. horrida and C. 'chiyendana' ined., leading dominants in some plant communities. C. 'stellato-pubescens', an as yet undescribed tree in another section of the genus, is a codominant or dominant of bushlands of the upper Shabelle limestone hills. Cordeauxia edulis, a leguminous evergreen shrub with an edible nut highly prized by the nomads, is yet another unique element. Its range and status in Hiiraan Region are detailed by Kuchar et al. 1985.

Bushland grades into shrubland (2m) and dwarf-shrub grassland, i.e. taller woody is phased out, under conditions of:

- 1) lower precipitation
- 2) high wind exposure
- 3) hostile soils: saline, toxic, excessively oligotrophic, seasonally waterlogged

In Somalia three resultant subzones are worth mentioning. Particularly in structure they are quite different from the typical bushlands, though they are too fragmentary and species-poor to warrant full phytochorion status [designation].

1. Somalia has large tracts of semi-desert terrain in the N-NE, with sparse &/or low-stature cover. The transition area from bushland to shrubland/ dwarf-shrub grassland is in S-cent. Mudug Region, c26-8°N, with rainfall down from 300-350 mm to 100-150 mm. Some place, e.g. Guardafui and Berbera, with only a couple cm annual rainfall, have desert.

Were it more isolated, this arid region might have developed a unique flora worth treating on a par with say the Karroo of S Africa. The (remote) island of Socotra, km off the tip of the Horn, has seen some evolution in this direction. It has about a dozen endemic genera. As it is, NE Somalia

has a moderate complement of unique elements including several genera and perhaps several hundred species of endemics.

A definite succulent flora has evolved in the very arid northeast and along the Cal Madow ranges, composed mainly of stapeliads and euphorbias. Aloes can be very abundant on heavily overused and eroding sites. Succulents do occur in zonal bushlands of the SM region, but in much lower variety or abundance. Most of this biomass is contributed by Cissus and Cyphostemma, though Adenium obesum with its showy pink flowers and pachycauline stem can be a conspicuous if not at all abundant species. The same could be said for the common Caralluma species with their great globose masses of purplish-black flowers.

2. Another area with a unique climate is parts of the N coast, with an embryonic Mediterranean climate. The Escarpment and N-facing mountain slopes of N Somalia are floristically and vegetationally distinct from Sudano-Zambeziian norms. There is a strong Mediterranean and W Asiatic element, and the area represents the S limit for quite a few Mediterranean genera. Maybe the key factor is the winter rainfall pattern along the N strip, especially to Guardafui Peninsula and in mountains E from Las Korei. Annuals are a conspicuous element of the winter-rainfall areas, while cool-season fogs help support evergreen scrub. (Lavranos 1978)
3. The central-region coast, roughly from Muqdisho to Jiriban District; has a 10-20 km wide band of dwarf-shrub grassland quite distinct physiognomically from the interior bushlands. These coastal grasslands, covering perhaps 10,000 km<sup>2</sup>, seem a uniquely stable zonal climax grassland, with wind likely the overriding influence. Some of the dominant shrub forms are prostrate or cushionlike, e.g. Indigofera intricata, Euphorbia aff. cuneata and Maytenus obbiadensis, with erect vicariads elsewhere in Somalia. Unique compact forms such as Oldenlandia saxifragoides, in habit identical to tundra cushion plants, are sandblast analogues of alpine iceblast conditions.

The entire SM Phytochorion has been designated as one of Africa's 10 regional centres of endemism (criteria being >1000 endemic species, and >50% of species confined to the region) (White 1983). The whole region has c60 endemic genera. Those found in Somalia (with Somali-Ogaden endemics asterisked) are:

* <u>Acanthostelma</u>	<u>Dinachma</u>	* <u>Pleuropterantha</u>
<u>Afrotetrachloris</u>	<u>Drake-brockmania</u>	* <u>Polyrhabda</u>
<u>Allmaniopsis</u>	<u>Edithcolea</u>	<u>Poskea</u>
<u>Anthrocarpum</u>	<u>Erythrochlamys</u>	<u>Pseudolithos</u>
<u>Barbeya</u>	* <u>Golaea</u>	<u>Pseudopectinaria</u>
<u>Bottegoa</u>	<u>Gynoptera</u>	* <u>Pseudozoysia</u>

Calyptrotheca	Harmsia	*Puccinia
Capitania	Harpachne	Rhytidocaulon
Cephalopentandra	Hildebrandtia	Saltia
*Chamaeacanthus	Kanahia	Sericocomopsis
*Chionothis	Kelleronia	Socotora
Cladostigma	*Lagenantha	Spathionema
Cordeauxia	*Lindauaea	Strobopetalum
Cyclocheilon	Loewia	Vatovaea
Dasysphaera	Neocentema	Volkensinia
Dicraeopetalum	Pentanopsis	*Whitesloanea
Diplostigma	Platycephium	Xylocalyx

Important regional concentrations of endemic and near-endemic species are found in these larger genera:

Cissus	?Asystasia	Psilotrichum
Cyphostemma	Barleria	Commicarpus
?Balanites	?Elepharis	Boscia
?Lannea	Justicia	Cadaba
Caralluma	?Ruellia	Maerua
?Cynanchum	Plectranthus	Fansetia
Echidnopsis	?Commelina	Neuracanthus
?Kohautia	?Chlorophytum	Grewia
Oldenlandia	Cyperus	Melhania
Pulicaria	Aristida	Acacia
Limonium	Sporobolus	Boswellia
Cordia	Aloe	Commiphora
?Echiochilon	Ceropegia	Crotalaria
Heliotropium	Euphorbia	Indigofera
Ipomoea	Jatropha	Moringa
Merremia	Terminalia	?Tephrosia
?Salsola	?Abutilon	Solanum
Fagonia	Hibiscus	?Seddera
?Zygophyllum	Pavonia	Cassia

The overall composition of the flora is eastern African, with a strong SW Asian element in the north.

There is also a connection with southern Africa, via such vicariads as Tribulocarpus dimorphanthus, Duvalia, Kissenia, Megalochlamys, Orbea, Sesamothamnus, Wellstedia (White 1983), Rhigozum, Pentzia (J.B. Gillett pers com.), Cyperus marginatus? Among the stapeliads are genera or forms clearly related between Cape and Horn. N Somalia is the centre of distribution of the stapeliads in the northern portion of their range (Table 5b), and has phyletic as well as convergent similarities with the Cape flora. Duvalia, Echidnopsis, Huernia, Orbea are among the genera in common. Pseudolithos has a remarkable vegetative similarity to the Cape-Namib genus Trichocaulon. Pseudopectinaria, monotypic endemic to NE Africa, has flowers reminiscent of the S African Pectinaria. (cf. Plowes 1980)

Pulicaria (Compositae), highly diversified in Somalia but virtually absent from E. Africa, again appears in S. Africa. The phytogeographic connection between the dry areas of southern vs. NE tropical Africa is interpreted as relict populations of once more widespread taxa (Brummitt 1985). A Socotra-S. Africa link that apparently bypasses Somalia is Dyerophytum pendulum (Plumbaginaceae) in Socotra and D. africanum in S. Africa.

Finally, there are tenuous links with Madagascar and tropical America, via Turnera, Arthrocarpum, Kissenia, Thamnosma (J.B. Gillett in litt, EA, 1979).

[more on the floristic rel. between the SM region & S. Africa in Verdcourt 1969, de Winter 1966, 1971, Lebrun 1971, 1975, 1977, Monod 1971.

Table 5b. Stapeliad diversity in NE Africa and Asia.

REGION	NO. GENERA	NO. SPECIES	
		ENDEMICS	TOTAL
SOMALIA	10*	25	46
ETHIOPIA	6	8	40
KENYA	6	5	34
TANZANIA	5	1	15
ARABIA	5	1	8
ASIA	1	-	c15

\*

Two other phytochoria occur in two small parts of Somalia. The Zanzibar-Inhambane regional mosaic is represented by a subcoastal strip in the extreme SW (Fig. 1), and the Afromontane regional centre by a few montane islands along the N mountain ranges. Each of these contains only fragments of the entire floristic complement, nevertheless has many elements unique to the respective phytochorion.

Most of the Zanzibar-Inhambane strip has rainfall 800-1200 mm, with many endemic forest tree species. The Somali portion has rainfall only 500-700 mm and is much poorer in endemics. It is also lower in stature, being mainly bushlands rather than forest. According to White (1983) this portion is characterized as scrub forest of Diospyros cornii and Manilkara mochisia, virtually totally evergreen. It is rich in species, a stand of 1 ha typically containing 50-60 larger woody species (Kuchar & Mweridwa

1982). Evergreen moisture-loving trees form small forest tracts along the lower Jubba, with outliers on the Shabeelle.

The flora of the lower Jubba has a few anomalies that would bear further investigation. Besides the odd Tanzanian disjuncts, mentioned earlier, it has some species out of their normal altitudinal range. Acacia drepanolobium, of which reliably named materia is known from the Jubba at c20 m altitude, has a lower altitudinal limit of 600 m in FTEA. Erythrina melanacantha ssp. melanacantha, with a lower limit of 300 m in FTEA, has been collected from near sea level in S Somalia (J.B. Gillett pers.com.).

Less surprising is a connection between N and S Somalia. Some species, e.g. , needing mesic conditions, have in Somalia found such conditions in the N mountains and in the well-watered SW corner of the country. A puzzle here, brought to my attention by J.B. Gillett, is the case of Azima tetraacantha, common in the N and in Kenya and recently also collected in S Somalia, but curiously absent from Ethiopia in between.

#### Azonal vegetation

Riparian habitats poor...

Mangrove vegetation, a unique coastline formation of evergreen trees adapted to the ocean's salt concentration, is fragmentary. The best stands are in the south towards the border, and stands occur here and there as far north as Muqdisho and then again on the northern coastline. The large gap between Muqdisho and the Horn is a totally exposed sandy coastline with strong winds year-round and an arid climate. The other major coastline vegetation type, the seagrasses, is probably excellently represented though very poorly documented. Seagrasses, also known as turtle grass, refers to marine angiosperms in the families Hydrocharitaceae, Zosteraceae and Zannichelliaceae. Rhizomatous and bearing strap-shaped to threadlike grasslike leaves, they form extensive beds in shallow coastal waters.

Salt plants, a non-technical term generally referring to woody plants occupying and often dominating saline, alkaline and gypseous flats, are well diversified in Somalia. Interior basins in central Somalia and S of the northern mountains have large stretches of gypseous soils dominated by dwarf shrubs in the Chenopodiaceae and Plumbaginaceae. The commonest association is Limonium-Suaeda, often with the subendemic grass Urochondra setulosa. Species of Limonium especially L. axillare and L. cylindrifolium are dominants here as well as along sandy strips of the N coast and E coastal plain. At Eil (mouth of the Nogal), an almost pure zone of L. miquiurtinorum occupying the top of the

beach. Salt flats are scarcer in the S, but here too Limonium species, e.g. L. distichum, are leading dominant.

Earlier (p.5) I mentioned that the vaunted floristic uniqueness of the SW evergreen zone and the Jubba Valley was overrated. The region nonetheless has many species found only in this part of Somalia. Also, very recent collections have unearthed an odd connection with the Cent. Tanzanian coast. Harrissonia abyssinica f. grandifolia Engl., a liane with leaflets much larger than normal for the species, has recently been collected on the Jubba N of Jilib. It is known from coastal Tanzania. These species may be persisting in a moist forest refugium on the lower Jubba (J.B. Gillett). An alternative hypothesis, suggested by I. Deshmukh (pers. com.) is that this connection with cent. Tanzania is the result of immigration by Tanzanians in the past, who may have brought propagules.

In conclusion, Somalia has a distinctive flora overwhelmingly dominated by arid-land forms. By the same token, many plant and animal species common to other parts of Africa do not quite reach Somalia. Out of many possible examples let me cite Hymenocardia (Euphorbiaceae). Its 2 species are H. acida, more or less throughout tropical Africa from Senegal eastward to Ethiopia and locally dominant in various habitat types, and H. ulmoides which in parts of Africa occurs in a very wide range of edaphic and vegetation types (Radcliffe-Smith FTEATS 1986).

Antidesma, in another segregate family of Euphorbiaceae, has 7 species 4 of which occur in E. Africa. One gets into extreme SW Somalia and one other might be expected to occur. Among the few African savanna species that reach Somalia, some have succeeded by shifting habitat to a mesic analogue. For example, Trichilia emetica, generally a savanna tree over the range in EA/Afr(?), is strictly riverine in Somalia.

#### National floristic trends

Some of the world's vascular plant families have a primarily or exclusively tropical distribution while others are predominantly temperate (by latitude or altitude). Somalia has a basically tropical flora, but its tropical-type families are best represented in the southern part of the country. Examples are Annonaceae, Flacourtiaceae and Rubiaceae (Table 6). The distribution of genera and forms within the Rubiaceae reflect climatic clines. Most of the genera of large shrub and tree forms are clustered in the SW corner of the country, which approaches the mesic conditions found through other parts of Africa where woody Rubiaceae are richly diversified. The herbaceous and dwarf-shrub genera are widespread in Somalia though most prominent in the dry grasslands and subdesert of the central and northern regions. The Rubiaceae exemplify the general trend toward herbaceous and dwarf shrub predominance in

the north and the arid centre, and the richness of shrub forms especially evergreens in the extreme south.

Table 6. Geographic distribution of genera in selected Somali plant families.

FAMILY	NO. GENERA		
	SOMALIA	ONLY N	ONLY S
Annonaceae	6	0	4
Menispermaceae	6	1	4
Cruciferae	12	6	0
Crassulaceae	6	5	0
Caryophyllaceae	13	8	0
Flacourtiaceae	5	0	4
Sterculiaceae	8	0	4
Euphorbiaceae	28	2	8
Mimosaceae	8	0	4
Papilionaceae	46	9	9
Umbelliferae	9	11	0
Apocynaceae	13	2	7
Asclepiadaceae	37	12	1
Rubiaceae	40	4	18
Compositae	56	28	6
Boraginaceae	14	6	0
Convolvulaceae	18	6	3
Scrophulariaceae	18	10	1
Acanthaceae	33	6	6
Labiatae	20	9	4
Hydrocharitaceae	6	0	4
Liliaceae	20	5	1
Cyperaceae	9	3	2
Gramineae	84	26	8

Conversely, temperate-type families in Somalia are virtually confined to the north where they constitute a significant portion of the mountain flora. Examples are Cruciferae, Caryophyllaceae, Umbelliferae and Scrophulariaceae. Compositae are richly represented in the north. By contrast, they are a very sparse component of well-developed Commiphora-Acacia bushlands where a couple of shrub forms and a few sparse herbs are the entire Compositae complement. They are never significant contributors

to cover or biomass with the exception of Blepharispermum fruticosum in certain stands.

Besides its temperate-zone complement, the north also has a Mediterranean-Arabian element, a montane forest flora most of whose genera and species also occur in forests of Ethiopia/Kenya and southward (Glover 1947), and in the NE in particular it has a succulent flora with many endemics (Table 6). [also see Gillett 1941..] J.B. Gillett (lett. in EAH, 1983) considered northern Somalia ecologically very different from the rest of the country and the rest of tropical Africa and stressed its marked affinities with Arabia. The coastal N strip seems to have more species especially halophytes and herbs in common with Arabia and the Mediterranean region than with the Ogaden Plateau and Hawd which has more species in common with eastern and southern Africa (Glover 1947). Overall, the northern vegetation appears to lie halfway between EA and N Africa/Mediterranean.

The Arabian affinities are with the coastal areas and mountains of the W and S parts of the Arabian peninsula, and not with its interior. The distribution of Astragalus is a great example of the abrupt end of the SM zone in interior Saudi Arabia. Of some 40 species recorded from Arabia, almost all are from the N, with only 4 recorded from tropical Arabia and one from Aden (data from Gillett 1964).

The poorest representation is understandably by families of the moist and humid tropics, such as Araceae with only half a dozen of more than 2500 species, and similarly for Orchidaceae, with c15,000-20,000 species worldwide. Orchids are generally regarded as profuse in the tropics (e.g. Airy Shaw) but what one forgets is that they thrive in mesic to humid habitats. Considering their very poor showing in Somalia, it is clear they are maladapted to arid and semi-arid regions. The same holds true for ferns. Their miserable showing in the country, and tenuous existence in the Central Rangelands in particular, underscores the pervasiveness of Somalia's arid habitats. Some other tropical African families poorly represented in Somalia are Ebenaceae, Sapotaceae, Flacourtiaceae, Annonaceae, Melastomataceae, Guttiferae and Loganiaceae. Note Balsaminaceae...

Of the 156 families of vascular plants known or expected to occur in Somalia (Table 7), 32 (21%) are restricted to the N\*, 17 (11%) to the S, and only 1 (Dirachmaceae) to the Central Rangelands. Exclusivity is somewhat higher for genera, 28% being restricted to the N and 20% to the S. A further 53 genera are predominantly northern and 32 predominantly southern in distribution. The CR have a mere handful of unique genera. Although I have not tabulated full species distributions, these can be expected to be similar, with perhaps a slightly greater relative percentage in the CR than for families and genera.

\*Gillett's CR = between 3-8°N & E of 45°E.



Table 7. Broad geographic distribution of plant families and genera in Somalia (excluding those with low probability of occurrence).

PLANT GROUP	NON-FL. PLANTS	MONOCOTS	DICOTS	TOTALS
NO. FAMILIES				
ONLY IN N	6	4	22	32
ONLY IN S	2	4	11	17
ALL SOMALIA	11	24	121	156
NO. GENERA				
ONLY IN N	8	44	191	243
ONLY IN S	2	30	144	176
ALL SOMALIA	14	171	731	916

Most new range extensions of genera into Somalia are likeliest in the N. Of the 60-odd genera with an outside chance of turning up in Somalia, c80% would surface in the N and 20% in the S, with virtually no chance in Central Somalia. Here we are talking about range extensions of existing plant species, such as discovering well-known Afromontane species on the Cal Madow ranges or well-known tropical forest trees in the Jubba Valley. According to JBG, likeliest in S: the N is relatively well-known.

Put in a different way, the CR flora is buffered by distance and geography from any significant floristic trends. Its floristic similarity with N and S is about equal, its uniqueness (in Somalia) is low, yet it is a surprisingly rich flora with many regional (rather than local) endemics. The Central Rangelands are a nodal area, a kind of focal point of the Somali flora. Whereas the N has distinct affinities with the Mediterranean, Arabian-Indian, saline and Afromontane floras, and the S has distinct affinities with tropical forest, savanna and fluvial elements, the CR flora has no such broad links. It is part of an autochthonous floristic and vegetational assemblage characterized by Acacia-Commiphora bushlands, that extends into the Ogaden and E Kenya, but whose richness and uniqueness climaxes in the CR-Ogaden area.

The floras of N, CR and S Somalia have about the same degree of similarity (Tables 8,9). In terms of genera, CR-S show slightly greater similarity than N-CR or N-S. This is unexpected: the north should be more dissimilar than it apparently is using similarity indices.

Table 8. Similarity\* of regional floras in the Gramineae and Papilionaceae s.l. Calculations base on known plus expected numbers of taxa, excluding those of doubtful occurrence and unadjusted for expected synonymy. (See also Table 11)

GEOGRAPHIC PAIRS	N-CR	N-S	CR-S
<b>GENERA</b>			
Gramineae	69	70	78
Papilionaceae s.l.	68	61	77
<b>SPECIES</b>			
Gramineae	59	52	53
Papilionaceae s.l.	56	39	59

\* Sorensen coefficient:  $2C/(A+B) \times 100$ , where A&B are numbers of taxa in sites A&B, and C is the total number held in common by A&B.

Table 9. Similarity matrix & richness of genera/species in N, CR & S areas of Somalia.

	GRAMINEAE			PAPILIONACEAE S.L.				
	N	CR	S	N	CR	S		
N	24/106			N 14/71				
CR	4/27	3/8		CR 1/27	1/18			
S	8/31	3/17	9/61	S 3/11	7/44	15/94		
NCS:	39/55			NCS: 26/66				
-----								
	N	CR	S	SOM.	N	CR	S	SOM.
TOTALS	75/169	49/107	59/164	90/305	44/175	35/155	51/215	67/331

The equable similarity levels among the three major parts of Somalia are misleading as to floristic uniqueness. In the Gramineae, for example, 24 genera are found only in the N, 9 only in the S, and just 3 are confined to the CR. At the species level, no less than one third of Somalia's grass flora is confined to the N. Despite this striking dissimilarity between N & S, their overall similarity is comparable to NC and CS. Clearly, many genera and species are held in common between N & S.

The statistics are even more remarkable in the legumes, where 14 genera are confined to the N, 15 to the S, and only 1 (Cordeauxia) to the CR. But evidently the CR's have about the same numbers of species in common with both N & S, and N & S have species in common which bypass the CR's, the cumulative effect being comparable levels of generic similarity. Among legume genera confined to the N are temperate-zone (or -altitude) elements such as Cadia and Lupinus, and Medit.-Arabian elements such as Ceratonia, Colutea, Coronilla and Vermifruix. Genera confined to the S include typical tropical savanna and forest trees such as Afzelia, Dialium, Piliostigma and Newtonia, and various other tropical elements such as Lonchocarpus, Psoralea and ?Neptunia.

## 5. PLANT NAMES

### (A) Vernacular Names

Long before scientific names were codified, vernacular names were employed for plant species and groups. Somalis have names for many of the species in the country, and these names have distinct value in plant diagnosis, particularly in field situations. Different-opinions have been expressed on the similarity or disparity of Somali plant names in relation to geography. One species often seems to have more than one name. "An important point to bear in mind is that one plant may have a variety of different names in different districts and sometimes in the same district" (Glover 1947). However, these names often have the same root form, or are mere spelling/pronunciation variants.

The relationship between place and name was described thusly by J.B. Gillett (lett. in EAH, 1983): "Much of Ethiopia is inhabited by Somalis. Owing to political difficulties the recording of Somali names inside Ethiopia is often difficult. In Somalia it is fairly easy. Owing to their nomadic habits most Somali plant names are widespread. Thus for example they are often the same in N. Kenya as they are near Hargeysa. Thus if Somali names for common species are required it would be fairly safe to take those

recorded from adjacent parts of Somalia. Cissus quadrangularis which is called by Somalis Gaad near Hargeysa is not going to be called by a different name 100 km away just because of an artificial frontier." Pronunciations can vary. "I do not know if the fault lies with my own hearing, but I have found that pronunciations not only vary from tribe to tribe, section to section, sub-section to sub-section, but from individual to individual and often the same individual will not pronounce the same word in the same way twice." (Glover 1947).

[Include Kazmi's para. 4. And mention glossary of Ali & Kazmi(?). Mention (discuss) orthography (& necessity of an ultimate standardization, or at least uniformity in spelling). Have a short glossary of Somali words appearing in plant names (e.g. ged, ad, medu, wen, yer). Also a glossary/list of 'generic' Somali names. Mention help of M. Madany. I am sure errors and inconsistencies can still be found among the spellings selected, but hopefully this document will point the way toward a standardized...

M.H. Madany brought to my attention an amusing and instructive example of language barrier in soliciting vernacular names. One of the MOG labels of Leucas urticifolia notes the name wa-sku ged (correctly spelt waa iska geed), which simply means 'It's just a plant'! Another example, taken from Glover's (1947) list, mentions 'gelka abadis' as one of the names for Ledebouria somaliensis. This is probably transliterated into proper Somali as 'geel-ka-ababis', meaning 'Camels graze from this.' Also 'mahansugeh' or 'mahan sug' ('maxaan-suge') for Drosera minimum and Tripogon leptophyllus, 'What do I wait for?' Though perhaps this is a legitimate name. Note 'suk' for Cassipourea melosana: it means 'wait'... The ultimate in non-information are 'geed' (plant) for Withania somnifera [but recheck!], and 'cad' (white) for Barleria proxima.

Note subtlety of spelling: 'duur' means bush, and is a general term for or in association with some grasses; 'dhuur' is Tamarix. 'Bakaroor' refers to Kipelia africana while 'bacaroor' (pronounced ba-aror) refers to an utterly different taxon, the Anillopsidium group of commiphoras.

#### (B) The Somalensis Concept

The word 'Somali' and the concept of an integrated and unique physiographic/ethnic/floristic realm has had an extraordinary hold on visitors in the Horn of Africa. Explorers, scientists, biologists, hunters and adventurers of every stripe all were intensely aware that the land they trod on was the land of the Somalis. The word is at the same time a place and a people; it has potent information content. Little wonder then that

taxonomists (among others) were in total accord regarding the most appropriate names of plants native to the Horn of Africa. The epithet 'somalensis' or a variant has been bestowed on close to 200 plant species (Table 10), and even after synonymization we still have 135 names in current use. Another extraordinary fact, and a reflection of historical and geographical realities, is that 15 plant species named 'somalensis' do not in fact occur within Somalia's current boundaries (Table 9)\*.

To my knowledge, this is an unparalleled situation. For example, no 'keniensis' species occur wholly outside the borders of Kenya, nor 'aethiopicus' outside of their namesake, no wholesale misplacement of names occurs in respect of geography. The occasional [malapropism] mistake does happen. They mainly predate this century, when plant specimens and animal skins en route from tropical lands to Europe got mislabeled and thus misnamed. The finch Caryothraustes canadensis, native to Panama and S. America, comes to mind. But the 'somalensis' specimens were not a mistake, they reflected geopolitical realities\*\*. They also epitomize the biological integrity of what we may call the Acacia-Commiphora realm, the vast semi-arid tracts of NE Africa mantled in strongly deciduous thornbush with a bimodal but unreliable rainfall regime. Camel bushlands would be another appropriate name, underlining the superiority of this stock class here (and its absence or relative insignificance outside this zone).

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\*Hardly any of Riva's plants were collected in what is now Somalia, but almost certainly in S Ethiopia. Examples are Trifolium somalense and Astragalus somalensis. (J.B. Gillett in lett. in EA).

\*\*There are a couple of exceptions. Explorers such as Ruspoli and Ellenbeck started in Somali territory and wandered into non-Somali regions, e.g. S Ethiopia, then returned to Somali territory. The botanists back in Europe who wrote up their plants did not realize that these explorers had left Somali territory, hence Trifolium som. and Galega som. [any others?]. Robecchi-Bricchetti was another explorer who wandered through parts of what are now Somalia and Ethiopia. He traveled through the Merehan, a large tract mostly in central Somalia but partly in Ogaden. As he did not localize his specimens more exactly than 'Merehan' nor date them exactly, it is impossible to know whether they were collected in Ethiopia or Somalia though they were mostly collected in Somalia. An example here of an uncertain taxon is Neuranthus robecchii (Lindau) C.B. Cl. (J.B. Gillett pers. com.)

Table 10. All plant species with the specific epithet 'somalensis' or variant thereof.

\* = major synonym; + = occurrence in Somalia not established.

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*Selaginella somaliensis	Abutilon somalense
Anemone somaliensis	Gossypium somalense
*Boscia somalensis	Hibiscus somalensis
*Cadaba somalensis	Pavonia somalensis <b>Franch.</b>
*Capparis somalensis	*Pavonia somalensis <b>Mattei</b>
Maerua somalensis	*Tristellateia somalensis
Brassica somalensis	Bridelia somalensis
Farsetia somalensis	Croton somalensis
Rinorea somalensis	Euphorbia somalensis
Viola somalensis	Jatropha somalensis
Ochradenus somalensis	Oldfieldia somalensis
Randonia somalensis	Phyllanthus somalensis
Polygala somaliensis	Bauhinia somalensis
Crassula somalensis	Cassia somalensis
Vahlia somalensis	Cordyla somalensis
*Gypsophila somalensis	*Tamarindus somalensis
Paronychia somaliensis	Acacia somalensis
Polycarpaea somalensis	Abrus somalensis
+Tetragonia somalensis	Arthrocarpum somalense
+Anacampseros somalensis	+Galega somalensis
Calyptrotheca somalensis	Crotalaria somalensis
Portulaca somalica	Paracalyx somalorum
*Oxygonum somalense	*Erythrina somala
Gynoptera somalensis	Lupinus somaliensis
*Salsola somalensis	Ormocarpum somalense
Chionothesis somalensis	Sesbania somalensis
Zygophyllum somalense	Sophora somalensis
*Pelargonium somalense	Trifolium somalense
Dirachma 'somalensis'	Vigna somaliensis
Gnidia somalensis	*Ficus somalensis
Selinocarpus somalensis	Maytenus somalensis
Dovyalis somalensis	*Helixanthera somalensis
*Lindackeria somalensis	*Commiphora somalensis
Helianthemum somalense	Trichilia somalensis
Eureiandra somalensis	Lankea somalensis
Eugenia somalensis	Rhus somalensis
Combretum somalensis	Diplolephium somalense
*Terminalia somalensis	Mimusops somalensis
*Ceriops somalensis	*Adenium somalense
Hypericum somaliense	Caralluma somalica
*Conchocarpus somalicus	Ceropegia somalensis
*Malbania somalensis	Cynanchum somaliense
*Adansonia somalensis	*Echidnopsis somalensis
Ducalia somalensis	*Sesamum somalense
Huernia somalica	Asystasia somalica <b>Gand.</b>
Tenaris somalensis	*Asystasia somalensis (Franch.)
*Tichocaulon somaliense	<b>Lebrun &amp; Touss.</b>
*Gardenia somalensis	*Somalia diffusa <b>Oliv.</b>

Table 10 (Cont'd)

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Kohautia somaliensis	*Dyschoriste somaliensis
*Olderlandia somala	+Isoglossa somaliensis Lindau
Spermacoce somalica	Justicia somaliensis
+Bidens somaliensis	Satanocrater somaliensis
+Blumea somaliensis	*Cockburnia somaliensis
Erlangea somaliensis	Clerodendrum somalense
*Dicoma somaliensis	Lippia somaliensis
+Emilia somaliensis	Premna somaliensis
Gutenbergia somaliensis	Cyclocheilon somaliense
*Gynura somaliensis	Lavandula somaliensis
Helichrysum somalense	Leucas somaliensis
Inula somaliensis	*Ocimum somaliense
Pentzia somaliensis	Orthosiphon somaliensis
Prenanthes somaliensis	Otostegia somala
Pulicaria somaliensis	Plectranthus somaliensis
*Senecio somaliensis	Salvia somaliensis
+Sigesbeckia somaliensis	Ottelia somaliensis
Tolpis somaliensis	Aneilema somaliense
Vernonia somaliensis	Commelina somaliensis
Volutaria somaliensis	Cyanotis somaliensis
Limonium somalorum	Aloe somaliensis
Cordia somaliensis	Asparagus somaliensis
Cystostemon somaliensis	Chlorophytum somaliense
Echiochilon somalense Desf.	+Eriospermum somalense
*Echiochilon somaliensis	Iphigenia somaliensis
(Franch.) Johnston	Ledebouria somaliensis
Heliotropium somalense	Urginea somaliensis
Solanum somalense	Crinum somalense
*Convolvulus somaliensis	Scadoxus somaliensis
Cuscuta somaliensis	*Xerophyta somaliensis
Hildebrandtia somaliensis	*Epipactis somaliensis
*Ipomoea somaliensis	Cyperus pseudosomaliensis
Monremia somaliensis	*Mariscus somaliensis
*Seddera somaliensis	Cyperus somaliensis
Anticharis somaliensis	*Aristida somaliensis Chiov.
Kickxia somaliensis	Aristida somaliensis Stapf
Stigma somaliensis	*Brachiaria somaliensis
*Verbascum somaliense	Cenchrus somaliensis
*Kigelia somaliensis	Chloris somaliensis
Rhigozum somalense	+Ctenium somalense
*Pterodiscus somaliensis	*Dactyloctenium somalicum
Periploca somaliensis	Arisaema somalense
Tricalysia somaliensis	+Aerangis somaliensis
*Tristachya somaliensis	*Sporobolus somaliensis
*Trichopteryx somaliensis	*Melinis somaliensis
*Digitaria somaliensis	*Indigofera somaliensis
Drake-Brockmania somaliensis	*Balanites somaliensis
Eragrostis somaliensis	
Parotis somaliensis	
*Sorghum somaliense	

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Table 11. Plant species with the specific epithet 'somalensis' but which are not known from Somalia under its de facto border arrangement.

SPECIES	DISTRIBUTION
<i>Tetragonia somalensis</i>	Ogaden, maybe expected Beledweyne.
<i>Anacampseros somalensis</i>	Ogaden, ?possibly in CR.
<i>Melhania somalensis</i>	E Ethiopia, ?possibly N Somalia.
<i>Galega somalensis</i>	SW Ethiopia.
<i>Trifolium somalense</i>	SW Ethiopia.
<i>Trichocaulon somaliense</i>	Djibouti.
<i>Spermacoce somalica</i>	Cent. Ethiopia.
<i>Bidens somaliensis</i>	S Ethiopia.
<i>Blumea (Pluchea?) somaliensis</i>	Ogaden, doubtfully CR.
<i>Emilia somalensis</i>	N Kenya & S Ethiopia.
<i>Sigesbeckia somalensis</i>	N Ogaden only.
<i>Isoglossa somalensis</i>	Ethiopia, doubtfully Somalia.
<i>Eriospermum somalense</i>	E Ethiopia, ?possibly Somalia.
<i>Otenium somalense</i>	S Ethiopia southward; doubtfully in S Somalia.
<i>Mucuna melanocarpa</i> var. <i>somalensis</i>	SW Ethiopia.
<i>Aerangis somalensis</i>	S Ethiopia.

"Somalensis" has been the most popular species epithet but what are some of the others? Table 12 shows that the popular choices have been based on (1) names of explorers & botanists or (2) certain recurring features of plant distribution or form. In the first category, epithets like 'hildebrandtii' and 'robecchii' reflect the major effort by German and Italian taxonomists on the NE African flora. Epithets like 'migiurtina' and 'spinosa' reflect common collecting sites and obvious features of the plant itself.



Table 12. The most popular specific epithets of plant species in Somalia.

SPECIFIC EPITHET	NO. OCCURRENCES	
	NAME IN USE	MAJOR SYNONYM <sup>1</sup>
somalensis <sup>2</sup>	135	52
abyssinica/um	50	15
schimperi, schimperianum	35	1
hildebrandtii	33	2
africana/us	25	2
migiurtina/orum, mijerteina	19	
arabica/us	17	5
sennii	16	2
ruspolii, ruspoliana	14	4
indica/um	14	
robecchii	13	2
alba <sup>2</sup>	13	
nogalensis	12	2
kirkii	12	1
ellenbeckii	12	
rotundifolia	12	
spinosa/us, spinescens	12	
zanzibarica <sup>2</sup>	12	
fruticosus/um <sup>2</sup>	12	
benadirensis, benadiriana	11	4
stefarinii/anum, stephaninii	11	4
senegalensis	11	3
phillipsiae	11	1
glandulosa, glandulifera	11	1
erlangeri/iana	11	
aethiopica, aethiopum	10	2
parvifolia/us	10	2
ovata, ovalis, ovalifolia/um	10	1
paolii, paoliana, pseudopaolii	10	1
kelleri/ianus	10	
obbiadense/is	10	
villosa	10	
microphylla/us	9	2
zeylana, zeylanica/um	9	
schweinfurthii/anum	8	1
volkensii	8	1

<sup>1</sup> Major synonyms are those lacking specific duplication within the same genus. For example, *Momordica brevispinosa* is a major synonym of *M. spinosa* whereas *Kedrostis spinosa* is a minor synonym of the same.

<sup>2</sup> Incl. *somaliensis*, *somalica*, *somalense*, *somala*, *somalorum*. The list of names in use includes 15 species not presently known from

Somalia under its de facto border arrangement. The epithet includes 27 minor synonyms.

- Incl. albida, albicans, albidum, albicaulis, albissima.
- Incl. zanguebaricus, sansibarensis.
- Incl. frutescens, fruticulosa.

## 6. INFORMATION SOURCES

Major collections of Somali plants, including many of the type specimens, are deposited at Kew and Florence. Unfortunately I have seen neither collection. The EA Herbarium has a sizeable collection of Somali plants, probably in excess of 10,000 sheets.

### Herbaria

MOG (the Somali National Herbarium) has been a prime information source on Somali plants. It has c7300 sheets of plants collected in Somalia, and another 900 sheets of undetermined or partially determined material have been laid in. Many bundles of undetermined material are also held at the herbarium. Though tiny by international standards, this is an invaluable collection as it is by far the largest herbarium in Somalia. (The Somali National Univ. Herbarium has well under 1000 specimens) The core collection in MOG was made by J.B. Gillett & Glover? Very few of the 100-odd major collectors listed in Cufodontis (1961) are represented. Although housing only 7500 identified sheets, it has 60% of the flora, a great many of these being singletons.

"Because the flora of Somalia is so poorly documented in monograph and key, a sound collection is critical to species determinations, more so even for ecologists than taxonomists...An astounding 44% of the species in Herbarium are represented by singletons and a further 20% by doubletons. Half the genera are represented by only 1 or 2 specimens. To further aggravate the matter, 48% of the genera and 49% of the species (representing 37% of the mounted specimens) are restricted to northern Somali and hence irrelevant to our Central Rangeland work. A mere handful of specimens come from Hiiran Region." (Q.Rep., Oct-Dec 1983, Range Ecologist for Hiiran Region, CRDP)

Certain plant groups are particularly poorly represented at MOG. The country's rich stapeliad flora of 10 genera and 45 species is represented by only 2 genera and 8 species, with a mere total of

16 sheets! Amaryllidaceae + Iridaceae, of which 8 or 9 genera and c20 species are recorded from Somalia, is represented by only 4 species in 5 sheets. Cyperaceae are another notoriously underrepresented group: of 88 species expected for Somalia, the herbarium has only 23 species in 35 sheets.

### E A Herbarium

#### Other sources

My other major information sources have been Cufodontis (1953-72), FTEA, Glover 1947 (mainly for the Somali plant names), and individual papers mainly in Kew Bulletin. The Kazmi (1986) flora has seen only limited usefulness, as it is based on these same sources.

Anticipating the inevitable comparisons of Plants of Somalia with Kazmi's Guide, let me say that the works are basically complementary rather than duplicative efforts. His is a compendium of technical information, namely the nomenclatural aspects - e.g. types are cited, synonymy, representative specimens, and also general distribution outside of Somalia. Being a large work, it is perhaps rather daunting to the first-time or casual user, and in fact is of most particular use to taxonomists.

Plants of Somalia, by contrast, has a more abbreviated format which includes plant name, important synonymy, Somali names, number of specimens in the MOG, and distribution within Somalia. The growth form is also given for the majority of species. The taxonomy has been updated somewhat, particularly through FTEA typescripts for Amaranthaceae, Euphorbiaceae (part), Anacardiaceae and Palaeo, and there has been some cleanup of synonymy. The relatively thorough treatment is exemplified by the Gramineae. Plants of Somalia includes 37 grass species not mentioned in the recent publication on Somali grasses by Cope (1985), and another 20 or so probable (or improbable). The listing of Somali names includes some unpublished information from various sources.

Perhaps the most useful aspect of Plants of Somalia may turn out to be the introduction, which contains general information and statistics on Somali plants. I hope to expand this section to include more on the history of plant collection in this country, the nature of its endemic component, and the connections between flora and vegetation.

#### Sequence

The systematic arrangement used in this report follows Hutchinson (1926, 34) as used in the East African Herbarium (Kuchar 1980). The advantage of this sequence lies not in its superior phyletic arrangement (though it is generally conceded to be a distinct improvement on the classical Engler-Prantl sequence), but because it is the sequence used in eastern Africa and at the EA Herbarium, a major repository of Somali plants.

Aside from vascular plant taxonomists, virtually no one is familiar with any of the major systematic sequences for the flowering plants nor, might I add, particularly cares. Regardless the sequence, therefore, one would have to look up in an index the location of particular species or groups in the sequence. For this reason, some people prefer a strictly alphabetic sequence by family or genus, but I believe more is lost than gained by deranging a phyletic sequence into an arbitrary jumble of taxa. The very idea of a phyletic sequence presupposes relationships. Related families, or genera within a family, will tend to have similar properties. For example, the majority of the Malvales, among whose important Somali families are Tiliaceae, Sterculiaceae and Malvaceae, are woody forbs and small shrubs with tough fibrous bark and generally low on the palatability scale. Flower structure and general looks of the plants will tend to place them together; being able to 'place' an unknown plant into some part of the phyletic sequence has its advantages in identification. For this reason too there is virtue in keeping these families close together.

There is definite value in maintaining family integrity, since the genera and species of a given family usually have properties in common, and for certain purposes can be conveniently lumped this way. Similarly, families near one another in a phyletic sequence will tend to be similar by various criteria. Having established that a generic sequence is quite unacceptable, we may as well use a family sequence that reflects natural relationships, rather than the wholly arbitrary connection provided by the first letter of each name. Either way, phyletic or random, most people will still have to look up the family or genus in the index.

## LIST OF FAMILIES AND GENERA

The family sequence and numbering follow Hutchinson ed.1 as used at EA. Each genus is followed by no. species known + expected in S, cent. and N Somalia, countrywide total, and no. exotics.

- x = fairly significant in the rangelands  
 \* = important in the rangelands  
 \*\* = abundant & important livestock food plants in rangelands  
 ? = doubtfully expected to occur

Under EX: F = food plant, W = weed, R = ornamental, other

FAMILY	GENUS	SPECIES				
		S	CR	N	ALL	EX
<b>CRYPTOGAMS</b>						
403	Selaginellaceae		+1	3	3	
405	Equisetaceae			1	1	
406	Ophioglossaceae			1	1	
410	Negripteridaceae	?1		1	1	1
415	Dennstaediaceae			+1?	+1?	
417	Adiantaceae	1	+1	3	3	
				3	3	
				3	3	
				1	1	
				2	2	
427	Aspleniaceae			2	2	
				1	1	
432	Marsileaceae	+1?		1	1+1	
434	Azollaceae	1+1			1+1	
<b>GYMNOSPERMS</b>						
435	Cycadaceae		+1		+1	
438	Cupressaceae			1	+1	
444	Ephedraceae			1	1	

## ANGIOSPERMS

## DICOTYLEDONS: ARCHICHLAMYDEAE

8	Annonaceae	Annona					2F
		Asteranthe	+1			+1	
		Monanthes	1			1	
		Monodora	1			1	
		*Uvaria	2+3	1		2+3	
		Uvariadendron	+1			+1	
11	Lauraceae	Cassytha	1	1	1	1	
13	Hernandiaceae	Gyrocarpus	1	1	1	2	
<hr/>							
15	Ranunculaceae	Anemone			1	1	
		Clematis			1+1	1+1	
		Nigella			+1?	+1?	
17	Ceratophyllaceae	Ceratophyllum	+1			+1	
18	Nymphaeaceae	Nymphaea	2	+1		2	
19	Berberidaceae	Berberis			1	1	
23	Menispermaceae	Chasmanthera	1	+1		1	
		Cissampelos	1	+1		1	
		Cocculus		1	1	1	
		Stephania			1	1	
		Tiliacora	1			1	
		Tinospora	1	+1		1	
24	Aristolochiaceae	*Aristolochia	3	2	1	3	
26	Hydnoraceae	Hydnora	2	1+1	1	3	
<hr/>							
32	Papaveraceae	Argemone					1W
33	Fumariaceae	Fumaria			1	1	
34	Turneraceae	*Loewia		1+1	2	2	
		Streptopetalum	1	1		2	
35	Loasaceae	Kissenia			1	1	
36	Capparidaceae	*Boscia	7	3	4+1	8+1	
		**Cadaba	7+1	8+1	7	11+2	
		Capparis	5	1+2	1+1	4	
		Cladostemon	+1			+1	
		*Cleome	3+1	7+3	16+3	20+2	
		Crateva	+1			+1	
		Gynandropsis	1	1	1	1	
		**Maerua	20	11+2	14	24	
		xThylachium	1+1	1		2	
37	Moringaceae	Moringa	4	3	4+2	6	1F
39	Cruciferae	Arabidopsis			1	1	
		Brassica			2	2	
		Cardamine			?1	?1	
		xDiceratella	1+1	2+2	4	4	
		Diplotaxis			1	1	
		Dipterigyum			1	1	
		Erucastrum			1	1	
		xFarsetia	5	1+1	13	13	
		Matthiola	2	?1+1	2	4	
		Morettia			1	1	
		Puccinonia			1	1	

	Rorippa	2	1	21	3		
	Schouwia	1			1		
	Sisymbrium			1	1	1W	
40	Violaceae	1	2	1	2		
	Rinorea	3+1			3+1		
	Viola			1	1		
41	Resedaceae			1	1		
	Cayusea			1	2		
	Ochnadenus			1	1		
	Oligomeris			1	1		
	Reseda	3	2+1	7	8		
42	Polygalaceae	xPolygala	9+1	4+1	8	16	1F
<hr/>							
45	Crassulaceae	Aeonium			1	1	
		Cotyledon			1	1	
		Crassula			1	2	
		Kalanchoe	+1	21	12	13+1	
		Umbilicus			1	1	
47a	Vahliaceae	xVahlia	2+1	1+1	1	2+1	
<hr/>							
52	Elatinaceae	Bergia		2	1	3	
53	Caryophyllaceae	Arenaria			2	2	
		Cometes			1	1	
		Corrigiola			21	21	
		Gypsophila			1	1	
		Ranorychia			1	1	
		Pollichia			1	1	
		Polycarpaea	2	1	2	5	
		Polycarpon				1	
		Robbainia				1	
		Silene			1	1	
		Spargula			1	1	
		Sphaerocoma			1	1	
55	Aizoaceae	Aizoon			1	1	
		Corbichonia			1	1	
		Gisekia	2	2	1	2	
		Glirus	2	1+1	1	3	
		Hypentelis	21			21	
		Lineum	2	1	+1	3+1	
		xMollugo	1	1+1	1	2	
		Sesuvillea		1	1	1	
		Sesuvium	1	+1	1	2	
		Tetragonia	1	+1?		1+1	
		xTrianthema	2	+2	3	7	1W
		*Tribulocarpus	1	1	1	1	
		Zaleya	1	+1	1	1	
56	Portulacaceae	Anacampseros		+1?		+1?	
		Calyptrotheca	2	+1?		2	
		Portulaca	4	2	6	8	1W
		Talinum	1	1+1	2+1	2+1	
57	Polygonaceae	Antigonon					1W
		xOxygonum	4	2+2	2	5	
		Polygonum	3	1	1	4	
		Rumex			1	1	1W
59	Phytolaccaceae	Phytolacca			+1?	+1?	

		Rivina	.				1W?
61	Chenopodiaceae	xAnabasis		1		1	
		Arthrocnemum	2	+1	1	2	
		**Atriplex	3	1+1	3	4	
		Beta					1F
		Chenopodium			3	3	2F
		Cornulaca			1	1	
		xGyroptera		?1	1	2	
		Halothamnus	?1	1+1	2	2	
		xLagenantha		1	1	1	
		*Salsola	+1	1+1	6	6+1	
		*Suaeda	3	2+2?	4	5+1?	
63	Amaranthaceae	Achyranthes	1	1	1	1	
		*Aerva	4	1+1	4	5	
		Allmaniopsis	1	+1		1	
		Alternanthera	2	+1	1	2	1N
		Amaranthus	2	+2	3	4	4W
		Celosia	2	1	1	3	
		Centemopsis	2			2	
		Chionothrix	1	+1?	1	2	
		Cyathula	1	1		2	
		xDasysphaera	2	2	2	3	
		Digera	1	+1		1	
		Eriostylos	1	1		1	
		Lopriorea	1	1		1	
		Neocentema		1	1	1	
		Nothosaerva	1		1	1	
		Pandiaka			1	1	
		xPleuropterantha	1	1	1	1	
		Polyrhabda			1	1	
		xPsilotrichum	5+1	5	5	9+1	
		Pupalia	2	2	2	2	
		*Sericocomopsis	1	1	1	1	
		Volkensinia	1			1	
		GEN. UNKN.				1	
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66	Zygophyllaceae	Fagonia	1	4	11+1	12+1	
		Kelleronia	4	4	6	10	
		Seetzenia			1	1	
		xTribulus	2	1	4	4	
		*Zygophyllum		2	9	9	
67	Geraniaceae	Geranium			5	5	
		Monsonia		+1	4	4	
		Pelargonium			4	4	
67a	Dirachmaceae	Dirachma		1		1	
69	Oxalidaceae	Oxalis			1	2	
<hr/>							
72	Lythraceae	Ammania	3+1	+1	2	5	
		xLawsonia	1	1	1	1	
		Nesaea	4			4	
		Pemphis	1			1	
74	Sonneratiaceae	Sonneratia	1			1	
75	Punicaceae	Punica					1F
77	Onagraceae	Epilobium			1?	1?	



		Ludwigia	3			3	
81	Thymelaeaceae	Gnidia	1	1	1	2	
		Synaptolepis	+1			+1	
83	Nyctaginaceae	Boerhavia	4	1+1	5	6	1R
		Bougainvillea				9	
		xCommicarpus	3	3+2	7		1R
		Mirabilis					1?
		Selinocarpus					
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88	Pittosporaceae	Pittosporum			1	1	
93	Flacourtiaceae	Dovyalis	+1		2	2+1	
		Flacourtia	1			1	
		Lindackenia	1			1	
		Oncoba	1			1	
		Rawsonia	1			1	
96	Cistaceae	Helianthemum			4+1	4+1	
98	Tamaricaceae	xTamarix	1	2	4	6	
101	Passifloraceae	xAdenia	6+1	2+1	4	7	
		xBasananthe	4	3	2	7	
		Passiflora					1FR
		Schlechterina	+1			+1	
103	Cucurbitaceae	Cephalopentandra	1?			1?	
		Citrullus	2	1	1	2	
		Coccinia	2+1	1	3	4+1	
		Corallocarpus	3	1+1	1	3	
		Cucumella	1	1		1	
		xCucumis	4	4	2	5	1F?
		Cucurbita					1F
		Dactyliandra	1			1	
		Eureiandra	2	1		2	
		Kedrostis	3	+2	3	4	
		Lagenaria	2			2	
		Luffa					1F?
		xMomordica	8	3+2	7	12	
		Oreosyce	+1			+1	
		Peponium	1			1	
		Telfairia					1F?
		Zehneria	+2			+2	
106	Caricaceae	Carica					1F
107	Cactaceae	Opuntia					3R
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114	Ochnaceae	Ochna	4	1	1	4	
118	Myrtaceae	Eucalyptus					2R
		Eugenia					2F
		Psidium					1F
		Syzygium	1		1	1	
		Barringtonia	1			1	
119	Lecythidaceae	Memecylon	1+1			1+1	
120	Melastomataceae	xCombretum	10+2	5+1	4	12+2	
121	Combretaceae	Conocarpus			1	1	
		Quisqualis	1?			1?	
		**Terminalia	7	7	4	8	1R
122	Rhizophoraceae	Bruguiera	1		1	1	
		Cassipourea	+1		1	1+1	

		Ceriops	1			1	
		Rhizophora	1		1	1	
123	Hypericaceae	Hypericum			2	2	
126	Guttiferae	Calophyllum					1
		Garcinia	1	1		1	
<hr/>							
128	Tiliaceae	Carpodiptera	+1			+1	
		*Corchorus	7	8+1	5	11	
		**Grewia	17+4	8	12	22+4	
		*Triumfetta	7	4	4	7	
130	Sterculiaceae	Aethiocarpa			1	1	
		Brachychiton					1
		Cola	1			1	
		Dombeya	+1			+1	
		Harmsia	1	+1		1	
		*Hermannia	3	2	2	4	
		Hildegardia	1			1	
		*Melhania	7	8+1	9	15	
		Melochia					1?
		Nesogordonia	+1			+1	
		xSterculia	3	2	2	3	
		Waltheria	1	1	1	1	
131	Bombacaceae	Adansonia	1			1	
		Ceiba					1R
132	Malvaceae	Abelmoschus					2F
		xAbutilon	12	8+1	8	14	
		Cienfuegosia			2	2	
		Gossypioides	+1			+1	
		*Gossypium	3	4	5	6	4RW
		xHibiscus	21+2	10+2	19	35+1	2
		Malva					2R
		*Pavonia	21	13+4	11	28	
		*Senna	2	1	1	2	
		xSida	4	4	5	9	
		Symphochlamys	1			1	
		xThespesia	1+1	1		1+1	
133	Malpighiaceae	Acridocarpus	2	2		2	
		xCaucanthus	3	2	1	3	
		Triaspis	1+1	+1	1	1+1	
		Tristellateia	1			1	
135	Erythroxylaceae	Erythroxylum	+2			+2	
		Nectaropetalum	1	1		1	
135d	Linaceae	Hugonia	+1			+1	
		Linum			1	1	
136	Euphorbiaceae	Acalypha	4+1	1+2	3	6	
		Andrachne		1	2	2	
		Antidesma	1+1			1+1	
		Bridelia	2		1	3	
		Caperonia	2			2	
		Cephalocroton	1	1	1	1	
		Chrozophora	1		2	2	
		Clusia			2	2	
		Croton	6	2+1	4	10	
		Cyathogyne	1			1	

		Dalechampia	2	+12	2	2	
		Drypetes	2	+1		2	
		Erythrococca			1	1	
		**Euphorbia	30+2	27+3	55	78+3	3W
		Excoecaria	1+1	+1		1+1	
		Flueggea	1	2	2	2	
		Givotia	1	1	1	1	
		*Jatropha	14	14+1	10	25	1W 2F
		Manihot					
		Margaritaria	+1			+1	
		Meineckia	+1	1		1	
		Micrococca	1			1	
		Monadenium	1	2	2	4	
		Oldfieldia	1			1	
		xPhyllanthus	7+1	4+1	7	12+1	
		Ricinus	1	1	1	1	
		Spinostachys	1			1	
		Suregada	2			2	
		Tragia	4	+2	4	7	
		Tragiella		1		1	
		GEN. UNKN.	1	+1		1	
143	Rosaceae	Potentilla					1W
		Rosa			1	1	
146	Caesalpinaceae	Afzelia	1			1	
		xBauhinia	3	2		4	
		**Caesalpinia	4	2	1	6	1R
		*Cassia	16+4	10	10	22+1	3RW
		Ceratonia			1	1	
		**Cordeauxia		1		1	
		*Cordyla	1	1		1	
		*Delonix	2	2	1	2	1R
		Dialium	1			1	
		xParkinsonia	3	2	1	3	1R
		Piliostigma	+1			+1	
		Pterolobium			1	1	
		Tamarindus	1			1	
		Tylosema	1	1	1	2	
147	Mimosaceae	**Acacia	27+1	32	30	48+1	2R
		Aleropodia	1			1	
		*Albizia	5	3	2	5	1R
		Calliandra	1	1		1	
		**Dichrostachys	2	2	1	2	
		Entada	1	1	2	2	
		Mimosa	1			1	
		Neptunia					1W
		Newtonia	1+1			1+1	
		Parkia	1			1	
		Pithecellobium					1R
		Prosopis					1R
		Samanea					1R
148	Papilionaceae	Abrus	1		1	2	
		Aeschynomene	2		1	2	
		Alysicarpus	2	2		2	

	Arachis					1F
	Argyrolobium			2	2	
	Arthrocarpum		1		1	
	Cadia	1		1	1	
	Cajanus					1F
	Canavalia	2	+1	1	1	2F
	Clitoria	1	1	1	1	
	Colutea			1	1	
	Coronilla			1	1	
	**Crotalaria	23+5	15+7	22+2	42+6	1W
	Cyamopsis					1W
	**Dalbergia	3+1	3	1	4+1	
	Derris	1			1	
	Desmodium	+1			+1	
	Dicraeopetalum	1	1		1	
	Erythrina	1	1		1	
	Galactia	+1			+1	
	Glycine	1			1	
	Hedysarum					1W
	**Indigofera	32+2	24+9	21	52+2	
	Lablab					1F
	Lonchocarpus	1+1			1+2	
	Lotus	1		2	3	
	Lupinus			1	1	
	Macrotyloma	1	+1		2	
	Medicago					4R
	Mundulea	1	1		1	
	Neorautaneria			+1	+1	
	*Ormocarpum	5+1	3+1	3	6+1	
	Paracalyx	1	+1	2	2	
	Phaseolus					2F
	Physostigma					1F?
	Platycelyphium	1	1	1	1	
	Psoralea	1		1	2	
	Ptycholobium			+1	+1	
	xRhynchosia	6	6+1	8	13	
	Rothia					
	xSesbania	5	1+1	4	7	1
	Sophora	1+1			1+1	
	Spathionema	+1			+1	
	Stylosanthes	2	1+1	1	2	
	Taverniera			4+1	4+1	
	**Tephrosia	11+1	7	13+1	19	
	Teramnus	1	+1		1+1	
	Trifolium					1W?
	Trigonella					1
	Vatovaea	2	+1?	1	2	
	Vermifruux			1	1	
	Vigna	3	+1	3	7	2F
	Zornia	2	+1	1	2	
154	Buxaceae			1	1	
	Buxus			1	1	
	Notobuxus	+1			+1	
164	Casuarinaceae					
	Casuarina	1			1	1R

165	Ulmaceae	Celtis			1	1
		Trema	1			1
166	Barbeyaceae	Barbeya			1	1
167	Moraceae	Dorstenia	2	2	3	3
		Ficus	7	4+1	8+1	10+1
169	Urticaceae	Forsskaealea			2	2
		Parietaria			1	1
		Pouzolzia			+1	+1
		Urena			1	1
		Urtica				
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173	Celastraceae	Catha			1	1
		xElaeodendron	3+1	1		3+1
		Hippocratea	1+1	+1		1+1
		xMaytenus	4+1	2	6	8+1
		Mystroxydon	1			1
		Salacia	3+1			3+1
179	Icacinaceae	Apodytes	+1			+1
		Pyrenacantha	2	+1	1	2
180	Salvadoraceae	Azima	1		1	1
		**Dobera	2	1+1	1	2
		Salvadora	1	1	1	1
182	Olacaceae	Ximenia	2	1		2
183	Opiliaceae	Opilia	1	1	1	1
		Rhopalopilina	+1			+1
185	Loranthaceae	Emelianthe	1	1	1	1
		Englerina	1			1
		Erianthemum	2	1+1	1	2
		Helixanthera	2		2	3
		Oliverella	+1			+1
		Oncocalyx	4	2+1	5	7
		Phragmanthera			1	1
		xPlicosepalus	2	1	3	5
		Spragueanella	+1			+1
		Tapinanthus	6			6
185A	Viscaceae	Viscum	1		4	5
186	Santalaceae	Osyridocarpus			+1?	+1?
		Osyris			1	1
		Thesium			3	3
189a	Cynomoriaceae	Cynomorium			1	1
<hr/>						
190	Rhamnaceae	Berchemia	1	1	1	1
		xHelinus	2	1	2	2
		Lasiodiscus	+1			+1
		Rhamnus			1	1
		Sageretia			1	1
		Scutia	+1			+1
		*Ziziphus	3	3	4	4
193	Vitaceae	Ampelocissus	2		1	2
		Cayratia	1			1
		*Cissus	11	6+2	3	12
		*Cyphostemma	5	5+1	8+1	15+1
		Rhoicissus	1+1		1	1+1
		Vitis				

194	Rutaceae	?Citropsis	1			1		
		Citrus						>1F
		Fagaropsis			1	1		
		Haplophyllum			2	2		
		Teclea	1		1	2		
		Thamnosma			1	1		
		Toddaliopsis	+1				+1	
		Vepris	2	1	1	2		
		Zanthoxylum	2+1	+1			2+1	
195	Simaroubaceae	Harrisonia	1	1		1		
		xKirkia	1	1	3	3		
195a	Balanitaceae	**Balanites	4	2	4	6		
196	Burseraceae	**Boswellia	3	3+1	6	6+1		
		**Commiphora						
197	Meliaceae	Azadirachta						1R
		Ekebergia						
		Khaya						1R
		Melia	1			1		1R
		Trichilia	1	1	1	1		
		Turraea	4	2	2	6		
		Xylocarpus	1+1				1+1	
198	Sapindaceae	Allophylus	1+1	1	2	2+1		
		xBottegoa	1	1	1	1		
		Camptolepis	1			1		
		Cardiospermum	1	2	2	2		
		Deinbollia	1	1		1		
		Dodonaea	1		1	2		
		Haplocoelum	3			3		
		Lecaniodiscus	1			1		
		Lepisanthes	1			1		
		Pappea			1	1		
		Paullinia	1			1		
205	Anacardiaceae	Anacardium						1F
		*Lannea	6	3+1	5	9		2F
		Mangifera						
		Ozoroa	+1		1	1+1		
		Pistacia			2	2		
		Rhus	+1	+1	4+1	4+1		
		Schinus						1R
		Sclerocarya	+1?				+1?	
		Sorindeia	1			1		
206	Connaraceae	Byrsocarpus	+2				+2	
212	Analiaceae	Cussonia	1	+1	1	2		
		Schefflera			1	1		
213	Umbelliferae	Anethum						1F
		Apium			1	1		
		Conium			1	1		
		Coriandrum						1F
		Daucus						1F
		Diplolephium			1	1		
		Druse			1	1		
		Ferula			1	1		

Foeniculum				
Pimpinella			1	1
Pycnocycla			1	1
Schimperella			1?	1?
Seseli			1	1
Steganotaenia	1	1	1	1
Torilis			1	1
Trachyspermum	2	+1?	1	2

DICOTYLEDONS: METACHLAMYDEAE (GAMOPETALAE)

215	Ericaceae	Erica			1	1
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221	Ebenaceae	Diospyros	5+1	1+2		6+1
		Euclea	2+1	+1	2	3+1
222	Sapotaceae	Manilkara	2	1	1	2
		Mimusops	3	1	4+1	5
		Monotheca			1	1
		Pachystela	+1			+1
		Sideroxylon	1		1	1
223	Myrsinaceae	Maesa			1	1
		Myrsine			1	1
228	Loganiaceae	Ruddleja			1	1
		Mostuea	1+1			1+1
		Nuxia			2	2
		Strychnos	5+1	+1	1	5+1
229	Oleaceae	Jasminum	6	1+1	2	5+1
		Olea	1		1	2
230	Apocynaceae	Acokanthera			1	1
		xAdenium	1	1	1	1
		Ancylbothrya	1			1
		Callichilia	1	+1		1
		Carissa	1	1		1
		Catharanthus				
		Conopharyngia	1			1
		Holarrhena	+1			+1
		Hunteria	1			1
		Lacodolphia	2			2
		Nerium				
		Pleiocarpa	1			1
		Plumeria				
		Saba	1	+1		1
		Strophanthus	1+1	1		1+1
		*Wrightia	1	1		1
231	Asclepiadaceae	Blyttia	1	1		1
		*Calotropis	1	1		1
		Caralluma	6	7+2	15+2	18+2
		Ceropegia	3	2+1	5	8
		*Cryptolepis	2	1	1	3
		Curroria	+1	2	2	2+1
		xCynanchum	2	4	5	6

1R

1R

1R

Diplostigma			1	1
Dregea	2	+1?	3	3
Duvalia		+1?	3	3
Echidnopsis	+1?	+1?	10+1	11
Edithcolea		1	2	2
Glossonema	1?	1	3	3
Gomphocarpus	1	1	3	3
Huernia			2	2
Kanahia	1		1	1
Leptadenia	2	1	3	3
Odontanthera			1	1
Orbea			1	1
Oxystelma	1	1		1
Parquetina	+1			+1
Pentarrhinum	+1?		1	1+1?
Pentatropis	+1	1	3	3
xPergularia	1	1	2	2
Periploca	1	1	4	4
Pleurostelma	1		1	1
Pseudolithos		1+2	5	5+1
Pseudopectinaria			1	1
Raphionacme			1	1
Rhytidocaulon			2	2
Sarcostemma	2	2	3	3
Schlechterella	+1			+1
Secamone	+1		1	1+1
Strobopetalum	+1	1	1	1
Tacazzea	+1		1	1
Tenaris		1	1	2
Tylophora			1	1
Vincetoxium		1		1
Whitesloanea			1	1
GEN. ?NOV. 1			1	1
GEN. ?NOV. 2		1		1
GEN. UNKN. 1			1	1
GEN. UNKN. 2			1	1
GEN. UNKN. 3	1	1		1
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232 Rubiaceae				
Agathisanthemum	+1		1	1
Amphiasma		1		1
Canthium	2+2	1		2+2
xCarphalea	1	1	2	3
Catunaregam	1			1
xCoffea	2	1	1?	2
Conostomium	1	2	2	5
Diodia	1	+1		1
Feretia	1			1
Galium			1	1
*Gardenia	3+1	1	1	3+1
Heinsia	1			1
Ixora	1			1
Keetia	+1			+1
Kohautia	7	2	4	10
Kraussia	+1			+1



	Lamprothamnium	1			1	
	Mayna	1	1		1	
	xOldenlandia	6	4+2	4	10	
	Oxyanthus	1+1			1+1	
	Paederia	1	1		1	
	Pavetta	8+2	3+1	5	13+2	
	xPentanisia	2	5	3	6	
	Pentanopsis		1	1	1	
	Pentas	1+1	+1?	4+1	4+2	
	Pentodon					
	Polysphaeria	3			3	
	Psychotria	2+1			2+1	
	Psydrax	3+2	1		3+2	
	Pyrostria	+1		1	1+1	
	Rothmannia	1			1	
	Rubia			2	2	
	Spermacoce	5	1+1	1	7	
	Tarenna	4+1	2	1	5+1	
	Tennantia	1			1	
	Triainolepis	+1			+1	
	Tricalysis	2			2	
	Vangueria	2	+1		2	
	Wendlandia			1	1	
236	Dipsacaceae					
238	Compositae					
	Pterocephalus			1	1	
	Acanthospermum					1W
	Ageratum					1W
	Artemisia			1	1	
	Aspilia	2+1	1	3	4	
	Athrixia			1?	1?	
	xAthroisma	1	1		1	
	Atractylis			1	1	
	Bidens	1		+2	+2	1W
	Blainvillea			+1	+1	
	*Elephanispermum	3	1	1	3	
	Elumea	1	1	2	2	
	Brachylaena	+1			+1	
	Canthamus					1
	Cichorium					1W
	Coryza	1		4+2	4+2	
	Coreopsis					
	Galula					
	Crassocephalum			1	1	
	Crepis			1?	1?	
	Dichrocephala			1	1	
	Dicoma	3	4+1	3	8	
	Echinops			1	1	
	Eclipta	1	1	1	1	
	Emilia	2	+1	1	4	
	Epaltes		1	1	1	
	Erlangea	4	1+3	2	4	
	Euryops			1	1	
	Felicia			1	1	
	Flaveria					1W
	Galinsoga					1W?

	Geigeria			1	1		
	Gnaphalium						
	?Gongrothamnus	1				1	
	Grangea	1				1	
	Guizotia						
	Gutenbergia	4	1+2	1		5	
	Gynura	1				1	
	Haplocarpha			?		?	
	Helianthus						1F
	Helichrysum	4	2+1	4		6	
	Inula			2		2	
	Iphiona			2		2	
	*Iphionopsis		1	1		1	
	Jurinea			1		1	
	xKleinia	6	7	7		10	
	Lactuca	1		1		2	1
	Laggera			1		1	
	Launaea	5	3	7		9	
	Microglossa			?		?	
	Osteospermum			2		2	
	Pegolettia			1		1	
	Pentzia			1		1	
	Piloselloides			1		1	
	Pluchea	3	1	8		9	
	Prenanthes			1		1	
	Psiadia	1		3		3	
	xPulicaria	3	4+1	20		22+1	
	Reichardia			1		1	
	Sclerocarpus	1				1	
	Sclerostephane			5		5	
	Senecio			3		4	
	Sigesbeckia			?		?	
	Solanecio			1		1	
	Sonchus			?		?	1W
	Sphaeranthus	4	2+1	1		5	
	Spilanthes			?		?	
	Tagetes						1W
	Tarhonanthus			1		1	
	Tolpis			1		1	
	Tridax						1W
	Vernonia	11		3		13	22
	Viccia			1		1	
	Volutaria			2+1		2+1	
	Xanthium						1W
<hr/>							
233	Centianaceae						
	Centaurium			1		1	
	Ericostema	1		1		1	
	Nymphoides	1				1	
	Sebaea		1			1	
240	Primulaceae						
	Anagallis			1		1	
	Cyclamen			1		1	
	Primula			1		1	
	Samolus			1		1	
240s	Coriariaceae						
	Coris			1		1	

241	Plumbaginaceae	Ceratostigma			1	1	
		*Limonium	2	2+1	12	12	
		Plumbago	1		1	1	1R?
242	Plantaginaceae	Plantago			4	4	
243	Campanulaceae	Campanula			1	1	
		Wahlenbergia			1	1	
243a	Sphenocleaceae	Sphenoclea	1			1	
244	Lobeliaceae	Cyphia	1		1	1	
		Lobelia	1		1	2	
245	Goodeniaceae	Scaevola	1	1	1	1	
249	Boraginaceae	Arnebia		1	1	2	
		Arnebiola			1	1	
		Boureria	2	1	1	3	
		Coldenia	1		+1	1	
		**Cordia	8	5+1	3	11	
		Cynoglossopsis			+1	+1	
		Cynoglossum			1	1	
		Cystostemon		2	3	4	
		xEchiochilon	2	4	9	12	
		Ehretia	3+2	1	2	4+2	
		xHeliotropium	14	14+2	21	34	
		Sericostoma			1	1	
		Tournefortia			2	4	1?
		Trichodesma		1	2	3	
		Wellstedtia		+1?	2	3	
250	Solanaceae	- Capsicum					2F
		- Datura					2W
		- Hyoscyamus			2	2	
		- xLycium	1	1	1	1	
		- Lycopersicon					1F
		- Nicotiana					1R
		- Physalis					1
		-**Solanum	24	12+7	25+2	41+3	3F?
		- Withania			2	2	1W
251	Convolvulaceae	Astilpomes	4	1+1	2	6	
		Cladostylis			1	1	
		Convolvulus	4	0	10+1	13+1	
		Cressa	1		1	1	
		Cuscuta			3	3	
		Dichondra			1	1	
		Evolvulus	1		1	1	
		Falkia			?	?	
		Hewittia	2	1?		2	
		**Hildebrandtia	4	4+2	6	7	
		Hyalocytis	1	2	2	3	
		**Ipomoea	26+2	10+4	22	42+1	1F
		Jacquemontia	2	1		2	
		Merrremia	9+1	2	7	15+1	
		Operculina	1			1	
		xSeddera	6	4+1	8+1	13	
		Stictocardia	1			1	



	Lepidagathis	3	1	2	3	
	Lindauea	1			1	
	xMegalochlamys		2	1	2	
	Monechma	2	1	2	3	
	Nelsonia			1	1	
	*Neuracanthus	5	4	3	10	
	Peristrophe	1	1	1	1	
	Rhinacanthus	2			2	
	xRuellia	7	2	10	13	
	Ruspolia	2	+1		2	
	xRuttya			1	1	
	xSatanocrater	3	2	2	3	
	Thunbergia	3	1	2	4	1?
	GEN. ?NOV.		1		1	
260	Globulariaceae			2	2	
	Globularia			2	2	
	Poskea			3	3	
263	Verbenaceae			1	1	
	Avicennia	1		1	1	
	xChascanum	4	3+1	3	7	
	xClerodendrum	9+1	3+2	3	12+1	
	Coelocarpum			1	1	
	xLantana	3	1	5	5	1RW
	xLippia	1	1+1	2	3	
	Phyla	1	1	1	1	
	*Premna	3+2	1	4	6+1	
	Priva	3	+1	3	4	
	Svensonia	+1	1+1	2	2	
	Verbena			1	1	
	Vitex	3+1			3+1	1?
263a	Cyclocheilaceae			1	1	
	xAsepalum		1	1	1	
	Cyclocheilon	1	3	2	3	
264	Labiatae				1	
	Aeollanthus	1			1	
	Basilicum	1	+1		1	
	Becium	3	2+2	3	5	
	xCapitania	1	1	1	1	
	Endostemon	7	4+2	4	8	
	xErythrochlamys	2	5	4	6	
	Huelundia	1	1		1	
	Lavandula			5+1	5+1	
	xLeucas	6	5+2	12	14	
	Nepeta			1+1	1+1	
	*Ocimum	7	5+3	8	12	
	xOrthosiphon	2	+2	5	6	
	Otostegia			4	4	
	Plectranthus	5+1		14	19+1	
	Puntia		1		1	
	Renschia			1	1	
	Salvia			2	2	
	Satureja			4	4	
	Stachys			2	2	
	Teucrium			2	2	
	Tinnea	1			1	
	FAM. UNKN. (1)			1	1	

FAM. UNKN. (2)	1	1
FAM. UNKN. (3)	1	1

## ANGIOSPERMS - MONOCOTYLEDONS

266	Hydrocharitaceae	Enhalus	1	+1	+1	1
		Halophila	2	1+1	1+1	2
		Lagarosiphon	1			1
		Ottelia	1			1
		Thalassia	1	1	1	1
267	Alismataceae	Burnatia	1			1
		Limnophyton	1			1
274	Aponogetonaceae	Aponogeton	3+1		2	4
275	Zosteraceae	Zostera	?			?
276	Potamogetonaceae	Potamogeton	2			2
278	Zannichelliaceae	Cymodocea	2	+2	+2	2
		Halodule	2	+1	+1	2
		Syringodium	1	1	1	1
		Thalassodendron	1	+1	+1	1
		xAneilema	3	3	3+1	7+1
280	Commelinaceae	Anthericopsis	1			1
		Commelina	13+2	6	8	17+2
		Cyanotis			1	1
		Murdannia	1			1
		Flagellaria	1			1
281	Flagellariaceae	Flagellaria	1			1
283	Xyridaceae	Xyris	+1			+1
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287	Musaceae	Ensete				1F
		Musa				1F
290	Zingiberaceae	Siphonochilus	1			1
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293	Liliaceae	Albuca	3		4	5
		xAloe	5	4	22	28
		Anthericum	4	1	5	8
		xAsparagus	12	1	7	13
		Bulbine	1		1	2
		Chlorophytum	11+1	1+2	4	15+1
		Dipcadi	2		2	3
		Drimia	5		1+1	6
		Drimiopsis	1			1
		?Ericospermum			?	?
		Gloriosa	3	1	4	4
		Iphigenia			1+1	1+1
		Jodrella	1		2	2
		Ledebouria	1	1	1	1
		Littonia			3	3
		Merendera			1	1
		Ornithogalum			2	2
		Scilla	3	+1	1	3
		Trachyandra			1	1
Urginea	2		2	4		

297	Smilacaceae	Smilax			1	1	
302	Araceae	Amorphophallus	2			2	
		Arisaema			1	1	
		Pistia	1			1	
		Stylochiton	2	1+1		2	
		Zamioculcas	+1				+1
303	Lemnaceae	Pseudowolffia	1			1	
305	Typhaceae	Typha	2	+1	2	2	
306	Amaryllidaceae	Amocharis		1	1	1	
		Crinum	3+1	1	4	6+1	
		Pancratium	1		1	1	
		Scadoxus	1		1	1	
307	Iridaceae	Gladiolus	1		3	3	
		Lapeirousia	1+1				1+1
		Pentamenes			2	2	
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311	Dioscoreaceae	Dioscorea			1	1	
313	Agavaceae	Agave					1R
		Dracaena			1	1	
		xSansevieria	9	1+1	5	11	
314	Palmae	Borassus	+1?				+1?
		Cocos	1			1	
		xHyphaene	4		3+1	5+1	
		Livistona			1	1	
		Phoenix	1	1	2	2	1F
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318	Hypoxidaceae	Curculigo			1	1	
		Hypoxis			1	1	
319	Velloziaceae	Xenophyta	1	1	2	2	
321	Taccaceae	Tacca	1			1	
326	Orchidaceae	Aerangis					
		Bonatea	1		1	2	
		Epipactis			1	1	
		Eulophia	1	1	1	1	
		Holothrix			1	1	
		Microcoelia	1+1				1+1
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327	Juncaceae	Juncus			3	3	
331	Cyperaceae	Glilgardia	5		1	5	
		Carex			1	1	
		**Cyperus	35+1	14+4	9	43+1	
		Eleocharis	1		1	1	
		Pimbristylis	3+2	+3	4	6+1	
		Fuirena	+1		1	1	
		Kyllinga	7+2	1	3	9+1	
		Mariscus	7+2	7	8	17+2	
		Schoenoplectus	3	+2	2	4	
		Schoenus			1	1	
		Scleria	1			1	
332	Gramineae	Acrachne	1	+1	1	1	
		Aeluropus			1	1	
		*Afrotrichloris	2	2		2	
		Agrostis			2	2	1
		Andropogon	1+1		2	3+1	

Anthephora			3	3	
**Aristida	7	9+1	16+1	19	
Arthraxon			1	1	
Arundo	1			1	
Avena			+1	+1	
**Bothriochloa	2	1	2	2	
xBrachiararia	9	3+1	10+1	15	1
Brachypodium			+1	+1	
Bromus			1	1	
Calamagrostis	1			1	
**Cenchrus	4	4	4	6	
Chloris	6+1	1+1	7	8+1	
**Chrysopogon	1+1	1+1	3	3	
Coelachyrum	1	2	3	3	
Cymbopogon	3	+2?	4	6	
**Cynodon	2	1	1	2	
Cypholepis		+1?	1	1	
**Dactyloctenium	6	2+2	4	7	
Danthoniopsis			1	1	
Desmostachya			1	1	
**Dichanthium	2	2	2	2	
**Digitaria	10+1	5+2	11	15+1	
Dignathia	2	2	2	4	
Dinebra	1	+1?	1	1	
Diplachne	1			1	
Drake-Brockmania	1		1	1	
Echinochloa	4	1		4	1
Ehrharta			1	1	
Eleusine	1?		2	2	1
Elionurus	1		1	2	
*Enneapogon	1	3	4	4	
*Enteropogon	4	1	2	4	
*Eragrostis	14	2+1	15	23	1
xEriochloa	2	1	1	2	
Eulalia	?		?	?	
Eustachys		1		1	
Gastridium			+1	+1	
Hackelochloa	1			1	
Halopyrum	1	1	1	1	
Harpachne			1	1	
**Heteropogon	1	1	1	1	
xHyparrhenia	1	1	2+1	3+1	
Imperata				1	
Ischaemum	1		1	1	
Lasiurus			1	1	
Leptocarydion			?	?	
Leptochloa	2+1	+1	2	3+1	
**Leptothrium	1	1	1	1	
Lintonia	1			1	
Loudetia			1	1	
Melanocenchrus		1		1	
Melinis					
Microchloa			1	1	
Monocymbium			?	?	



Neyraudia	1			1	
Ochthochloa	1		1	1	
Odontelytrum			+1?	+1?	
Odyssea		1	1	1	
Oplismenus	+1			+1	
Oropetium	2	+2	2	3	
Oryza	2			2	
**Panicum	10	3	7	12	
xPaspalidium	2	1	2	2	
Paspalum		+1?	1	1	
xPennisetum	2+1?	2+1?	7	9	1W
Perotis	2+1		2	3	
Phalaris					1
Phragmites	2		2+1	2+1	
Poa			1	1	
Polypogon			2	2	
Pseudozoysia		1		1	
Rhynchelytrum		+1?	1	1	
Rottboellia	1		1	1	
Saccharum	1	1	2	2	1F
Schizachyrium	1	1	1	1	
Schmidtia			1	1	
Schoenefeldia	1	1		1	
Sehima			2	2	
Setaria	3		4	5	
Sorghum	4		3	6	1F
**Sporobolus	17+1	9+3	21+1	28+2	
Stipa			1	1	
Stipagrostis		2	4	4	
Tetrachaete	1	1		1	
**Tetrapogon	2+1	2+1	4	4	
Themeda			1	1	
Tragus	3	2	2	3	
Tricholaena	+1	+1	2	2	
Trichoneura			1	1	
Tripogon	+1	+1	2	2	
Urochloa	4+1	1+1	1	4+1	
Urochondra	1	1	1	1	
Vossia	1			1	
Zea					1F

# SYSTEMATIC LIST OF PLANTS OF SOMALIA

Information under each species includes some or all of following:

1. Scientific name and authority.
2. Synonymy relevant to the flora area.
3. Somali names. An attempt has been made to standardize the spelling in line with the modern Somali orthography. A major information source has been labels of SNH specimens. Other information sources are bracketed after the name. A '?' preceding the name indicates uncertainty as to its link with the given species, and '?' following the name indicates uncertainty as to the correct spelling or derivation of the Somali name.
4. EX = exotic.
5. In brackets, the total no. sheets in MOG. Pre-bracket numbers refer to sheets in the Somali Nat. Univ. herbarium, post-bracket to sheet in the E. African Herbarium, Nairobi [NOTE: data incomplete for Somali Nat. Univ. and E. Afr. Herbarium].
6. Distribution, usually N,CR,S (cf. Fig. 1). Cufodontis N,C,S does not correspond exactly. The main difference seems to be that his C/S boundary is farther up (e.g. Beledweyne is considered part of S), and in at least some groups C includes part of the Ogaden. Most of the species not yet found but expected to occur in S Somalia are known from across the Kenyan border in Boni Forest and Kiunga (Kuchar & Mwendwa 1982).
7. Somali endemics, where known [incomplete].
8. The type locality of recently described or poorly known species whose type is from Somalia.

9. Plant form. Most annuals and perennials in this list are forbs; if they are woody, this is mentioned. A forb is a herbaceous plant which is not a graminoid. The latter is a grass or grasslike plant; for families 331 and 332, graminoid is implied for all. Dwarf shrubs are woody plants (1 m high. Trees are single-stemmed woody plants generally >2 m. Trees and shrubs are assumed to be deciduous unless stated otherwise. 'Stemless' signifies no aboveground stem (acaulescent).

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At the start of each family a recent revision is cited, where available. At the end of each family are listed species formerly associated with the flora of Somalia. Most of these are mistaken identity or locality errors by Cufodontis and Glover.

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### Abbreviations:

- B Bay Region plant names (HTS 1983)
- C,Cuf. Cufodontis 1953-72
- CAS Castro 1983
- CR Central Rangelands
- CRS Central Rangeland Survey (RMR 1979)
- EA E Afr. Herbarium [labels]
- FE Flora of Ethiopia (incl. typescripts of certain families)
- FS Flora Somala (Chiovenda 1929-)
- FTEA Flora of Tropical East Africa
- G Glover 1947
- HD Hemming & Deshmukh (S.Som. collections)
- H&L Haines & Lye 1983
- K Kew Herbarium
- KH Kuchar & Herlocker 1985
- KTS Kenya Trees & Shrubs (Dale & Greenway 1961)
- L Elmi 1983,1986
- M Madany 1986
- M\* M.H.Madany: unpub. notes & labels
- MAC MacDonald 1985
- MIS J.Miskell unpub. data from Beledweyne (1986)
- MOG Somali Nat. Herbarium [labels]
- N north
- NWR SOGREA 1982
- Pol.& Chiov. Pollaccii & Chiovenda 1934

S south  
 SAR SOMAC-SAREC work between Jilib &  
 Kismaayu  
 W R. Wieland (Hoby collections)  
 Wo R. Wieland (other collections)  
 Z Kazmi 1986

## VASCULAR CRYPTOGRAMS

### 403 SELAGINELLACEAE

*Selaginella imbricata* (Forsk.) Spring  
 (2)3 N. Small low-growing perennial; a  
 resurrection plant.

*Selaginella phillipsiana* (Hieron.) Alston  
 GOCONDHO (GO-ON-DO) (EA)  
 SAROK (EA)  
 (1)6 N. Small prostrate perennial.

*Selaginella yemensis* (Sw.) Spring (S.  
 somaliensis Bak.)  
 SAROK (EA)  
 DARAN (EA)  
 (3)9 N mts; also NE Kenya thus perhaps  
 expected S Som. Prostrate perennial.

### 405 EQUISETACEAE

*Equisetum ramosissimum* Desf.  
 (1)1 N. Perennial.

### 406 OPHIOGLOSSACEAE

*Ophioglossum polyphyllum* A.Br.  
 (1)2 N. Small perennial.

### 410 NEGRIPTERIDACEAE

*Negripteris scioana* (Chiov.) Pic.-Ser.  
 DOMAR (EA)  
 (5)10 CR, N, ?S. Tufted perennial.

### 415 DENNSTAEDIACEAE

*Pteridium aquilinum* (L.) Kuhn  
 Robust rhizomatous perennial having one of  
 the most cosmopolitan distributions of  
 any plant, thus its occurrence in the mts  
 of N Somalia would not come as a  
 surprise.

### 417 ADIANTACEAE

*Actiniopteris dimorpha* Pic.-Ser.  
 (0)2 N. Small tufted perennial.

*Actiniopteris radiata* (Swartz) Link  
 JID (B)  
 1(2)3 N, S. Densely tufted perennial.

*Actiniopteris semiflabellata* Pic.-Ser.  
 (maybe the specimens are *A. dimorpha*)  
 (0)3 N mts. Tufted perennial.

*Adiantum balfourii* Bak.  
 (2) N mts. (Small) perennial.

*Adiantum capillus-veneris* L.  
 DARAN (EA)  
 SAROK (EA)  
 (3)7 N mts. Subriparian perennial.

*Adiantum incisum* Forsk.  
 (2)2 N mts; also NE Kenya. Perennial.

*Cheilanthes catanensis* (Cos.) Fuchs  
 (0)1 N mts. Small perennial.

*Cheilanthes coriacea* Decne.  
 SAROK (MOG)  
 2(3)7 N mts. Small densely tufted  
 perennial.

*Cheilanthes pteridioides* (Reich.) C. Chr.  
 N mts (KEW). Perennial.

*Pellaea calomelanos* (Sw.) Link  
 NW (KEW). Perennial.

*Pellaea lomarioides* Bak.  
 NW (KEW). Perennial.

*Onychium divaricatum* (Poir.) Alston (O.  
*melanolepis* (Decne.) Kunze)  
 (1)2 N mts. Small perennial. Sometimes  
 placed in segregate family  
 Cryptogrammaceae.

#### 427 ASPLENIACEAE

*Asplenium aethiopicum* (Burm.f.) Bech.  
 SAROK(EA)  
 (2)6 N mts. Tufted perennial.

*Asplenium trichomanes* L.  
 SAROK(EA)  
 (0)2 N mts. Small tufted perennial.

*Ceterach phillipsianum* Kuem.  
 NW (KEW). ?Perennial.

#### 432 MARSILEACEAE

*Marsilea minuta* L.  
 Maybe expected S? Aquatic (?)perennial.

*Marsilea* sp. aff. *M. botryocarpa* Ballard  
 BIYOKUJIRI (BIOGUJIRI) (MOG)  
 (1)1 N. Aquatic (?)perennial.

#### 434 AZOLLACEAE

*Azolla nilotica* Decne.  
 Boni Forest, Kenya thus expected SW Som.  
 Floating aquatic annual.

*Azolla pinnata* R.Br. (*A. africana* Desv.)  
 2(2) S. Floating aquatic (?)annual.

### GYMNOSPERMS

FTEA 1958

#### 435 CYCADACEAE

*Encephalartos hildebrandtii* A.Br. & Bouche

In Boni Forest, Kenya thus expected SW Som.  
 Palm-like unbranched tree.

#### 438 CUPRESSACEAE

*Juniperus excelsa* M.Bieb. (*J. procera*  
 Endl.)  
 DAYIB or DEYIB (DAYEB, DEYEB, DEIYIB, DAIYIB,  
 DEID, TAIIB, TAJIB) (MOG, G, C, NWR)  
 SIGIB (MOG, G)  
 ZERIDA (C)  
 1(13) N mts. Evergreen tree.

#### 444 EPHEDRACEAE

*Ephedra alte* C.A.Mey.  
 CAANO ORLE (AAN ORLE, AAN OLE) (MOG, G)  
 GEESARRIYOOD or GEESARRIYAAD (GESERIAD) (MOG)  
 HILDAGORLE (C)  
 URMAN-REGI (MOG)  
 (6) N mts. Leafless shrub/dwarf shrub,  
 sometimes scandent.

### DICOTYLEDONS: ARCHICHLAMYDEAE

#### 008 ANNONACEAE

FTEA 1971

*Annona reticulata* L.  
 EX: cultivated fruit tree.  
 Djibouti (Cuf. 1954). Evergreen tree.

*Annona squamosa* L.  
 CONONCONA (C)  
 EX. Cultivated for edible fruit (Cuf.  
 1954). Evergreen tree.

*Asteranthe asterias* (S.Moore) Engl. & Diels  
 Boni Forest, Kenya thus expected SW Som.  
 Shrub & tree.

*Monanthotaxis fornicata* (Baill.) Verdc.  
 (*Enneastemon fornicatus* (Baill.) Exell)  
 CISMAN-DOOY (HD)

1 ( ) S. Woody scrambler, dwarf tree.

*Monodora grandidieri* Baill. (*M. somalensis* Chiov.)  
S (Chiov. 1932, Kazmi 1985). Shrub & small tree.

*Uvaria acuminata* Oliv. (*U. leptocladon* Oliv, var. *holstii* (Engl.) Engl. & Diels)  
SHALLOLEY (SHALOOLEI, SHALLOLE, SCIOLOLI)  
(C, B, MOG)  
MORIO (C)  
(3) 3 S (incl. Cuf. 1954, HTS 1983). Shrub & woody vine.

*Uvaria denhardtiana* Engl. & Diels (*U. microstyla* Chiov.)  
MURUG (MOORO, MUROOG) (MOG, M, KH, W)  
CISMAAN-DOOY or CUSMAAN-DOOY (USMANDOI, ISMANDOY, OSMANDUI, ISMAN-DOI, OSMUNDUI, OSMA DOY) (MOG, G, C, B)  
MOORO (M)  
MARER DOOY (MARER DOYE) (B)  
3 (15) CR, S. Scrambling, sprawling or erect evergreen shrub.

*Uvaria kirkii* Hook. f.  
?Expected SW. Shrub, can scramble slightly.

*Uvaria* (sp. aff.) *lucida* Benth.  
Thulin & Warfa 4550, \_\_\_\_\_  
(1) 1 Possibly this species on Balcad-Muqdisho rd. Boni Forest, Kenya thus expected SW Som. ?Evergreen shrub, maybe woody vine.

*Uvaria scheffleri* Diels  
Boni Forest, Kenya thus expected SW Som.  
Woody vine, maybe shrub.

*Uvariadendron kirkii* Verdc.  
Boni Forest, Kenya thus expected SW Som.  
Shrub & small tree.

*Xylopia parviflora* (A. Rich.) Benth.  
?Expected SW. Tree.

#### 011 LAURACEAE

*Cassytha filiformis* L.  
SAR-SAR (SAR-SAR) (C)

(2) S, CR; N (Cuf. 1954). Twining subsucculent leafless parasite.

#### 013 HERNANDIACEAE FTEA 1985+

*Gyrocarpus angustifolius* (Verdc.) Gillett ined. (*G. hababensis* Chiov. var. *angustifolius* Verdc.)  
YUCUB (YO-OB, YO-OB DALAN, YOU' UB) (M, G, MOG, MIS)  
JAWDHEER (KH)  
(6) CR, ... Emergent tree.

*Gyrocarpus hababensis* Chiov.  
YUCUB (YU-UBYU-OB, JEGB, YO' OB)  
(C, KTS, M, Wo, MOG)  
(2) CR, S; N (Cuf. 1954). Tree.

#### 015 RANUNCULACEAE

*Anemone somaliensis* Hepper  
N (Kazmi 1985). Perennial.

*Clematis brachiata* Thunb. (*C. hirsuta* Guill. & Perr.)  
Djibouti (Cuf. 1953). Woody vine.

*Clematis simensis* Fres.  
(1) N mts. Woody vine.

*Nigella sativa* L.  
Djibouti, ?possibly N (cf. Cuf. 1953).

excluded: *ranunculus multifidus* forsk. (r. *pubescens* thunb.) n acc. to glover 1947

#### 017 CERATOPHYLLACEAE

*Ceratophyllum demersum* L.

+FTEA follows Kubitzki's monograph of the family which treats both Somali species a varieties of *G. hababensis*. However, field

observations suggest that the two taxa are distinct species (Verdcourt FTEA).

Boni Forest, Kenya thus expected SW Som.  
Aquatic submerged forb.

### 018 NYMPHAEACEAE

(~~1~~) *Nymphaea caerulea* Savigny (*N. capensis*  
Thunb.)  
KALLO (MOG)  
1(2) S incl. just S. Floating-leaved  
aquatic perennial.

*Nymphaea lotus* L.  
MUNGIU (C)  
BOCORE, BOCORO (C)  
2(2) S. Floating-leaved aquatic  
perennial.

### 019 BERBERIDACEAE FTEA 1966

*Berberis holstii* Engl.  
GODXANTOOL (GODHANTOLE) (G)  
(3) N mts. Armed ?evergreen shrub.

### 023 MENISPERMACEAE FTEA 1956

*Chasmanthera dependens* Hochst.  
SASSAGHE (C)  
(2) S. Woody vine.

*Cissampelos pareira* L. var. *orbiculata*  
(DC.) Miq.  
(0)1 S incl. NE Bay Region (O'Brien 1986).  
Herbaceous vine.

*Cocculus pendulus* (J.R. & G. Forst.) Diels  
(*Bricchettia somalensis* Pax)  
MASKAR (MUSKAR, MATKAR, MATKARE, MUTKAR, MUTGAR,  
MAT KARR, MASCAR) (MOG, G, C, Z)  
MAJABE (MADJABBE, MAGIABBE) (C)  
HAYAB (HYAB) (G, C)  
(1 - more?) CR; also N (Cuf. 1954).  
Woody vine.

*Stephania abyssinica* (Dillon & A. Rich.)  
Walp. var. *abyssinica* & var. *tomentella*  
(Oliv.) Diels

N (Cuf. 1953). Perennial vine.

*Tiliacora funifera* (Miers) Oliv.  
S (Kazmi 1985). Woody vine.

*Tinospora bakis* (A. Rich.) Miers  
NAASA, EELO (MOG)  
?GEESO SAGHARO (MOG)  
1(2) S, Afgooye; maybe expected CR.  
Subsucculent woody vine.

excluded: *cocculus hirsutus* (L.) diels  
possibly expected?

### 024 ARISTOLOCHIACEAE

*Aristolochia benadiriana* Fiori var.  
*longilabia* Chiov.  
HENGABAI-SUAR (C)  
S (Cuf. 1953). Forb.

*Aristolochia bracteolata* Lam. (*A. bracteata*  
Retz.)  
BOOROW (BUN OOW, BORE, BORO) (MOG, G, C)  
DOORO ORGI or BOOROW-DOORIORGI (MOG)  
GED-HURGUMA (C)  
GERBAAD (C)  
3(2) S; CR (Chiov. 1934); N (Cuf. 1953).  
Prostrate mat-forming perennial.

*Aristolochia rigida* Duch. incl. var. *major*  
Wright  
WEES (WAAS-WEYS, WES, WEIS, WAAS, QUES)  
(MOG, C, KH, EA)  
GEED BEY? (GED BEI) (G)  
CAANAMACAYS (ANA MA AIS) (MOG)  
BOOROW (BAARO) (MOG)  
SARMUDEH (MAC)  
7(17)2 N, CR, S (Afgooye). Prostrate mat-  
forming perennial.

### 026 HYDNORACEAE

*Hydnora cornii* Vaccaneo  
LIKE (LEKA) (C)  
Afgooye (Kazmi 1985). Leafless root  
parasite on Albizia (Cuf. 1953).

*Hydnora abyssinica* Schweinf. (*H. johannis* Beccari, *H. gigantea* Chiov.)  
~~LIKE~~ (LEKE, LIKE, LIKKE, LIPTI, LIKKI, LEKKE, LECHE, LAKA, LIKI) (G, C, EA)  
 (0)2 Ni ?CR acc. to Chiov. Leafless root parasite on Kigelia, Acacia (Cuf. 1953), Dobera.

*Hydnora ruspolii* Chiov.  
 S (Cuf. 1953). Leafless root parasite on Kigelia (Cuf. 1953).

#### 028 PIPERACEAE

*Peperomia abyssinica* Miq. and *P. tetraphylla* (Forst.) Hook. & Arn. (*P. reflexa* (L.f.) A. Dietr.) are said by Duell (1973) to occur in Somalia but the localities cited are in S Ethiopia.

#### 032 PAPAVERACEAE FTEA 1962

*Argemone mexicana* L.  
 EX: a noxious weed.  
 ?N (Cuf. 1953). Annual(-perennial).

*Papaver somniferum* L.  
 EX: poppy.  
 Djibouti (Cuf. 1954).

#### 033 FUMARIACEAE FTEA 1962

*Fumaria abyssinica* Hammar  
 (1) N mts. Annual.

#### 034 TURNERACEAE FTEA 1954

*Loewia glutinosa* Urban var. *glutinosa* & var. *glabra* Rot.-Mic. (acc. to FTEA, the Kenyan *L. tanaensis* Urb. may be conspecific)  
~~RUMASAN~~ (ROOMOSAN, RHUMOSAN, RAMASAN, RUMUSSAN, RUMASTAN) (G, MOG, C, W)

~~RUGUMBAX?~~ (ROGOMBEH) (G, M)  
~~BALALAQ~~ (BAL-LA-LAK) (MOG, KH)  
~~JIMBAC~~ (CHIMBA) (G, M)  
 1(1)1 CR, N. Evergreen(?) shrub.

*Loewia microphylla* (Chiov.) Rot.-Mic. (*L. glutinosa* Urb. var. *microphylla* Chiov.)  
 (1) Just N.

*Streptopetalum hildebrandtii* Urban (prob. incl. Elmi 486)  
~~DOOBO GOY~~ (MOG)  
 (2)1 CR. Dwarf shrub or woody perennial.

*Streptopetalum serratum* Hochst.  
 S (Cuf. 1959). Annual.

#### 035 LOASACEAE

*Kissenia arabica* Chiov. (*Fissenia*; *K. spathulata* Anders., not *K. capensis* (Endl.) Walp. which is distinct acc. to Dandy 1967)  
~~MARAKUDHEG~~ (MOG)  
 (1)4 N (incl. Cuf. 1959). Dwarf shrub with very rough foliage; fr a samara.

#### 036 CAPPARACEAE (CAPPARIDACEAE)+ FTEA 1964

*Boscia angustifolia* A. Rich. var. *angustifolia*  
~~CHIEH~~ (KTS)  
 (1) N, S (incl. Cuf. 1954). Evergreen shrub.

*Boscia coriacea* Pax (*B. somalensis* Gilg, *B. paolii* Chiov., *B. teitensis* Gilg)  
~~DHEGAYARE~~ (DHEGAYAR, DAKKIYAH, DHEGO YARE, DEGYAR, LAGA YER, DAGAIER, DAGAIARE, DAGAJOR, DAGAIOR, DEGHI-IER, DEGHI, DEGHI-YER, DEGIER, DEGI-IER, DEGHEIAN, DAGHEIAN, DHAGAYAR, DEGEYERI, DHAGARAYARE) (M, KH, KTS, B, C, MOG, Wo, L)

+Two basic groups:

1. Herbaceous - Cleome, Gynandropsis
2. Shrubs, woody scramblers & trees - all others.

~~GALAANGAL~~ (GALANGAAL, GHALANGAL, GALANGAL,  
CALANGAL, CALANCAL) (KTS, CAS, MC, G)  
FILAREED (FILARED) (B)  
AITINABI (G), ETINABI (G)  
GADU (MOG), QADU (G)  
GILBOT (C)  
GERI (C)  
2(16)3 N, CR, S. Evergreen shrub & small  
tree though often a battered dwarf shrub.

*Boscia* sp. aff. *coriacea* Pax = Hemming 257/1  
(0)1 S. Shrub, lvs very big.

*Boscia flavescens* Mattei  
DOHIYE (OHIO, OIO) (M, C)  
S (Cuf. 1954).

*Boscia hypoglauca* Gilg  
?Possibly CR (Cuf. 1954).

*Boscia minimifolia* Chiov. (*B. subtussulcata*  
Chiov.)

MEYGAAG (MEGAC, MEGAG, MAYGAAG) (M, MOG, CAS, KH,  
G, B, KTS, MAC, L, NWR, MIS)  
GURMUNA (C)  
DOOREH (MAC)  
(7) CR; N (Cuf. 1954). Evergreen shrub or  
usually compact-crowned tree.

*Boscia mossambicensis* Klotzsch (*B. elegans*  
Gilg, *B. gymnosporiifolia* Chiov., *B.*  
*hildebrandtii*)

~~GALAANGAL~~ (GALANGAL) (MOG, L, M)  
AITINABI (G), ETINABI (G)  
GADU, QADU (G, MOG)  
GALAN MIDGAN (G)  
1(4)2 ?CR; N, S (Cuf. 1954). Prostrate or  
semi-creeping evergreen shrub rarely  
small tree.

*Boscia octandra* Radlk.  
Djibouti (Cuf. 1954).

*Boscia pruinosa* Chiov.  
S (Cuf. 1954).

*Boscia tomentella* Chiov.  
TOOSI (TOSI, TOWSI, TOWSE, DOSI) (MOG, M, EA,  
KTS, B, HD)  
DANI (EA), DENI (EA)  
(1)5 S. Evergreen(?) tree.

*Boscia* indet.  
DHANKEREC (M)

*Cadaba baccarinii* Chiov.

JIIC (KH)

JO' (KH)

~~GALAANGAL~~ (KH)

GEED MADOW (GED MEDU) (MOG)

JAWJAW (KH)

1(6)3 CR, N; also S (Cuf. 1954). Evergreen  
shrub, rarely small tree.

*Cadaba barbiger* Gilg (?= *C. farinosa* ssp.  
*adenotricha*)

GOALAT (C)

S (Cuf. 1954). Woody scrambler.

*Cadaba carneoviridis* Gilg & Bened.  
Boni Forest, Kenya thus expected SW Som.  
Woody scrambler, shrub.

*Cadaba divaricata* Gilg  
CR (Kazmi 1985).

*Cadaba farinosa* Forsk. ssp. *farinosa* (*C.*  
*adenotricha* Gilg & Bened.)

~~CANAMACAYS~~ (CANAMACAYS, ANNO-MAEIS, ANAMICE,  
AINO MA-AIS, ANO MA-AIS, ARNO MA' ICE,  
ANAM AIS, ANAMA' SH) (C, G, L, MOG, M, MAC?)

~~GALAANGAL~~ (GALAANGAL, CALANCAL, CALANGAL,  
GALANGAL) (G, C, KTS, M)

JIICEY (KH)

JABJAB (JAB JAB) (MOG)

JIIC (JEIH) (KTS)

DITAB (G, C), DHIITACAB (L, NWR)

DORNAI (G)

MNIQCA-PALA (C)

GUMME (B)

TOOSI? (TUCH) (KTS)

GEED-MAALUUGEED, GEED-MAALUGEED (Z, SAR)  
5(23)2 CR, N, S. Evergreen shrub, may  
scramble.

*Cadaba glandulosa* Forsk

DUDTA XIROW (B)

KISH (KISHI) (B, KH, HD)

DUGH-DUGHA (KTS), DUKHUL (KTS), DHUG (B),

DIGHU (G), DUKHAN (G, KTS),

DUKHAL (G), DUGU (C), DU-DUG (Wo), DUKHAAN (NWR)

~~GALAANGAL~~ (GALANGAL, GHALEN GHAL,

GALAQUGAL) (L, B, M, MOG)

(11) CR, N, S. Evergreen dwarf shrub &  
shrub.

*Cadaba heterotricha* Hook. incl. var.  
*glabrata* Chiov. (*C. somalensis* Franch.)



HIGLO (HIGLE, HIGLU, HIGLI, IGLU, IGLE, HELI (fr)  
(MOG, M, C)

GALAANGAL (GALAAN, GALANGAL) (C, KH)

DHIITACAB (L)

1(8) CR, N, S. Evergreen shrub & bushy tree.

*Cadaba* sp. aff. *C. kirkii* Oliv.

(1) S(?). Evergreen shrub.

*Cadaba longifolia* DC. incl. var. *frutescens* Chiov.

CAANAMACAYS (AINA-MAIS, ANA MA EIS, AINA MA-  
AIS, ANA-MAIS, ANANIJE, ANAMISE)

(EA, M, MOG, G, C)

JIIC (JI-EH) (G, M)

JIIC MADOW (JI-EH MADOW, JIEH MADOW, JIEH  
MEDU) (G)

JAWJAWLE (KH)

RUGUMBAY (KH, L), RUGUMBAAY (MOG)

LAMALOSHE (LAMALOYE, LAMALUSH) (G)

QONSA-A-FU (Wo)

(10) 12 N, CR, Evergreen shrub & small tree, often scandent or within bushes.

*Cadaba mirabilis* Gilg incl. var. *hirtella* Chiov.

HIGLO (M)

DIGHU (G)

GALAANGAL (GALANGAL, GALAN) (G, B, M)

MULAAM (MOULON) (B)

KISH (B, KH)

(8) CR, N, (?) S. Evergreen shrub, may scramble.

*Cadaba rotundifolia* Forsk.

KALANWEID (EA)

(0) 2 N (Cuf. 1954), ?possibly CR. Evergreen shrub, dwarf shrub.

*Cadaba ruspolii* Gilg (*C. undulata* R. A. Grah.)

SARIN (EA)

CR (Cuf. 1954); S (EA spec.). Bushy little tree or shrub.

*Cadaba* indet.

CILAN (HD)

BAAR BOOR (HD)

*Capparis cartilaginea* Decne. (*C. galeata* Fres.)

QUMAAX (M)

GOH or GOAH? (O-AH, GOGH, GHO, GOA, GOSH, GOHH,  
GHOH, GO, GHOA, GOX) (C, MOG, G, W)

GOX (W)

GOAH-KULUL, GOAH-KULKUL (C, MOG, G)

BOOROW (BORO) (C)

DUBA (C)

GOMBOR (G)

2(14) CR, N, S. Low armed evergreen subsucculent shrub & vine.

*Capparis decidua* (Forsk.) Edgew.

IRRIR (C)

N, ?CR/S (Cuf. 1954).

*Capparis fascicularis* DC. var. *fascicularis* (& var. *elaeagnoides* Gilg?) (C. *elaeagnoides*, *C. rothii* Oliv., *C. somalensis* Gilg)

GAMBOR (G), GOMBOR (G)

(0) 1 Afgooye; just S (Chiov. 1932). Armed scrambling shrub.

*Capparis sepiaria* L. var. *subglabra* (Oliv.) DeWolf & var. *stuhmannii* (Gilg) DeWolf (*C. corymbosa*, *C. sansibarensis* (Pax) Gilg)

LIIMO (LIMO) (MOG)

LIIMO-DONYEER (M)

CADAY-BIL? (ADEI BIR) (G)

GOORA QABAD, GOORE-QABAD (HD)

CIDDI-SHABEEL (EIDI SHABEEL) (HD)

(1) 1 S; expected CR. Armed ?evergreen scrambling shrub, woody vine.

*Capparis tomentosa* Lam. (*C. alexandrae* Chiov., *C. persicifolia* A. Rich.)

KOR QABAD? (COR CABAT) (G)

GOMBOR (G)

GOMBOR LIK (KTS)

LIK (G, KTS)

GARBOBOLETI (MAC)

LIIMO-DAANYEER (SAR, MOG)

(1) S. Armed scrambling shrub & vine, dwarf tree.

*Cladostemon kirkii* (Oliv.) Pax & Gilg Boni Forest, Kenya thus expected SW Som. Shrub or small tree, may also scramble.

*Cleome albescens* Franch.

(1) [correct det?] N mts. Woody forb or dwarf shrub.

*Cleome allamanii* Chiov. (C. grata  
R. A. Grah.)

(0)1 Expected S; 1 specimen (in EA)  
probably of this species from Buulo  
Burte. Annual (?biennial) shrubby forb.

*Cleome arabica* Juslen. incl. var.  
*stenocarpa* DC.

N (Cuf. 1954). Annual.

*Cleome brachycarpa* DC. (incl.) var.  
*angustifolia* Gilg & Bened.

SALCASEEYE (SALA ASEYE) (M, MOG)

ESAL BUKEYE (G)

HAWAR ANE (MOG)

RUMBILI (G)

SUBAGLE or SUBAGLEH (SUBUGELEH,  
SUBUGGELEH) (G, C, MOG)

DUUFENOD (DUFNOD, DOUFFENOUD, DOUFE NOUD) (C, G)

HAGAGARO (EA)

DANSALE (EA)

(20)23 CR, N, S. Annual (-perennial) forb,  
woody forb.

*Cleome brachystyla* Franch.

N (Cuf. 1954).

*Cleome droserifolia* (Forsk.) Del.

WANDEEQ or WANDEEKH (WANDEKH, WANIKA) (G, M)

(2)2 N. Dwarf shrub.

*Cleome gallaensis* Gilg & Bened.

Somalia (Cuf. 1954).

*Cleome hanburyana* Penzig

DUUFENOD (DUFLUOD) (EA)

CAGAAR (AGAR) (EA)

GEED IRMAAN? (GIRD IRMAN) (EA)

?DHAROO (DARRKA) (EA)

?GERAH LAHGUR (EA)

(5)11 CR, N, S. Annual (-perennial) dwarf  
shrub or woody forb.

*Cleome hirta* (Kl.) Oliv.

RUMBILI (C)

CR (Chiov. 1929); N (Cuf. 1954). Annual or  
short-lived perennial forb.

*Cleome kelleriana* (Schinz) Gilg & Bened.

AIYO (EA)

N (Cuf. 1954). Forb.

*Cleome monophylla* L.

N (Kazmi 1985); NE Bay Region (O'Brien  
1986). Annual.

*Cleome ovalifolia* Franch.

YAFFAN (C)

N (Cuf. 1954).

*Cleome paradoxa* DC.

?Djibouti (Cuf. 1954).

*Cleome parvipetala* R. A. Grah.

(1)22 CR [OTHER?]. Annual or short-lived  
perennial dwarf shrub, woody forb.

*Cleome platysepala* Gilg & Bened.

AFAR (G)

ALEYALELEH (G)

DABA-ILI-DISHE (G)

DABO-LAIDOHEH (G)

SUBAGLE (SUBUGELEH) (G)

N (Cuf. 1954, ?CR acc. to Chiov.

*Cleome polytrichia* Franch.

FARAHOD (EA)

(4)7 N incl. just N. Dwarf shrub or  
woody forb.

*Cleome scaposa* DC.

GEED HABEEN (GED HABEN) (G)

(1)3 N. Annual (short-lived perennial?)  
forb.

*Cleome schweinfurthii*

(2)1 N. Forb.

*Cleome strigosa* (Boj.) Oliv.

XAJIIMO? (AGIMO) (C)

OMBROCOI (C)

(3)13 S incl. Muq. Annual, lvs can be  
succulent.

*Cleome tenella* L. f.

DOREHAMBAR (G)

EBARHUR (G)

NAGAAR (EA)

(1)5 CR, other? Annual.

*Cleome venosa* Hutch.

(1)1 N. Forb, ?woody forb.

*Cleome viscosa* L.

?N (Cuf. 1954); expected N. Annual.

*Cleome* sp.

da qui  
del  
me

MEMO

Thulin & Warfa 5576

(1) N: 10 km E of Bosaso. Dwarf shrub.

Cleome indet.

SUBAGLE (SOBUGLE) (MOG)

*Crateva adansonii* DC. (*C. religiosa*)  
Boni Forest, Kenya thus expected SW Som.  
Small tree.

*Gynandropsis gynandra* (L.) Briq.  
(*Pedicellaria gynandra* (L.) Chiov.)

CAYO or CANYO (AIYA, AIYU) (G)

DARJO (G, M)

IBU GURREH (G)

CAYO-GURI (AIYU-GURI) (C)

?GOWALLO (GOWLELLO) (C)

MUNGO-MUNGO (C)

?KAYOGEEL (W)

(6) CR, N, S. Annual.

*Maerua aethiopica* (Fenzl) Oliv. (M.  
*sphaerogyna* Gilg & Bened.)

GADU (G)

LAMALOSHE (LAMALUSH, LEMALOYE) (G)

(2) N mts.

*Maerua angolensis* DC. [Note: a lot of *M.*  
*angolensis* may actually be *M. thomsonii*;  
for now could be treated interchangeably]

JIIIC [or JIIQ?] (CHIH, CHISEI, CIE, CHISCI,

CHISCHI, JI-EH) (M, MOG, G, C, W, Wo)

LUG-KELIYA (LOK-KELIYALE, LUK-KELIYALE) (G)

GALAANGAL (GALANGAL) (KTS)

GALAANGAL MADOW (CALANCAL MEDOVE) (M, G)

LAMALOSHE (LAMALASH, LAMA LOASH, LAMALOYE, LAMA

LOYEH, LAMALUSH, LAMA LOSHE, LAAMA LOXSHE,

HAMALOSHI, LAMA TOYE, LEMALOYE, CAAMALOOSHE,

LAMALDOSH, LABALOWSHE) (G, MOG, EA, B, MIS)

GADOU (EA), GADLO (EA)

ALAKALA (KTS)

MULAN (M)

3(11)7 CR, N, S. Tall characteristically  
slender evergreen(?) shrub & spindly  
tree.

*Maerua candida* Gilg S (Cuf. 1954); ?CR  
acc. to Chiov.

*Maerua crassifolia* Forsk. (*M. hirtella*  
Chiov.)

JIIIC (JI-EH, GIEH, CHIR, CHIRSEI) (G, C, EA)

JIIIC MADOW (JIEH MEDU) (M, MOG)

MEYGAGG (MIGAG) (KH, C)

GALAANGAL (GALANGAL) (KH, EA, L)

GALAANGAL MADOOBE (KH)

LAMALOSHE (LAMALANSEI) (C)

DUKAY (MOG)

CAANOMACAYS or CAANOMACEEYE (ANOMAHEJE, ARNO  
MA' ICE) (EA)

MIRANE (C)

GADOU (EA)

KULAN (HD)

2(12)17 N, CR, S. Evergreen shrub or  
shrubby tree.

*Maerua decumbens* (Brongn.) DeWolf  
(*Courbonia decumbens* Brongn., *C.*  
*brevipilosa* Gilg; also incl. *C.*  
*nummularifolia* Mattei acc. to EA;  
possibly includes the plant in Som.  
called *M. edulis*; very near *M. subcordata*  
acc. to FTEA)

SHAFAWEYN, maybe SHAFALWEYN (SCHIFAWEN) (C)  
( ) 1 N, possibly CR or S (Cuf. 1954).

*Maerua denhardtiorum* Gilg (*M. deckenii*  
Chiov.) Chiov.)

GALAANGAL MADOW (GALANGAL MADO) (G, M)

OOHIYE (OHIO, OIHE, OHI, OIE, OIO, OJE. U-

HEI, OOHYE, URHE, UR-HEI, OHIA)

(C, G, EA, B, MOG, KTS)

CADAY MADOW (ADO-MEDU, HADO-MEDU) (C)

(4) 4 S, CR. Evergreen shrub & small tree.

*Maerua edulis* (Gilg & Bened.) DeWolf  
(*Courbonia camporum*, *C. edulis* Gilg &  
Bened.) [NOTE: it is questionable if  
true *edulis* occurs here; maybe the Somali  
material should be called *M. decumbens*]

SHAFAWEYN (SHIFAWIN, SHEFAWIN) (MOG)

ABAR MOK (EA)

(2) 3 N, CR. Perennial woody forb, dwarf  
shrub.

*Maerua erlangeriana* Gilg & Bened.  
S (Cuf. 1954).

*Maerua exasperata* Chiov.

KISH (CHIRSCI) (C)

S (Cuf. 1954).

*Maerua glauca* Chiov. (*M. gorinii* Chiov.)

GALAANGAL (GALANGAL) (MOG, B)

GADI (KH)

(4) 4 S, CR. Evergreen woody vine.

*Maerua grantii* Oliv.

Hemming SRS 169/3, 30 km N of Hoddur.  
(0)1 S. Weak-stemmed (woody) climber,  
also dwarf shrub/shrub.

*Maerua holstii* Pax  
[Hemming SRS 563/1]  
(0)1 S. Evergreen woody scrambler, shrub.

*Maerua kaessneri* Gilg & Bened.  
~~MEYGRAS~~ (MEGAG) (MOG)  
(1)1 S. Evergreen shrub, may scramble  
slightly.

*Maerua macrantha* Gilg  
LAMB DEER, LAMBUR-DIR (B, EA)  
GALAN (EA)  
GOH (EA)  
KISH (Wo)  
(1)5 N, S; CR, S (Cuf. 1954). Straggling or  
scandent subsucculent shrub.

*Maerua macrocarpa* Chiov.  
DARAN WAREER? (DERENWUARERIS, DEREN-  
VUARERIS) (C, G)  
GEED-BAL (GHEDBAL) (G)  
(1)1 N; CR, S (Cuf. 1954). Evergreen shrub  
(dwarf shrub?).

*Maerua mazzocchii* Chiov.  
GALAANGAL (CALANCAL) (C)  
S (Cuf. 1954).

*Maerua oblongifolia* (Forsk.) A. Rich. (M.  
scebelensis Chiov., maybe incl. M.  
macrantha Gilg)  
GABDHA (GABDA, KHABDA, QABDA) (G, M)  
KISH (KH)  
GEED-DEEBLE? (MOG)  
AULIE (C), HADIE (Z)  
CADAY-BIL (HADI-BIL) (C)  
GALAN (EA), MOULON (EA)  
LAMBUR-DIR (EA)  
GOH (EA)  
2(3)13 CR, N, S. Evergreen (subsucculent)  
scrambling or straggling shrub, or erect,  
or essentially creeping.

*Maerua pseudopetalosa* (Gilg & Bened.)  
DeWolf (Courbonia virgata Brongn.)  
HULE (KH)  
DUGU (G)  
SHAFANEYN (SHIFWEN, SCHIFWEN) (C, G)  
RUGUMBE (MOG)  
DUGAL-ERIGIREN (C)

(2)3 CR, N. Evergreen shrub (or woody  
perennial forb).

*Maerua puccionii* Chiov. S (Cuf. 1954).

*Maerua sessiliflora* Gilg  
GALAANGAL (GALANGAL) (MOG, EA, B, KH)  
JIIC (JIIG, JICAY, JIEH, JIICEY, CHIL, GIR, JI-  
EH, JIEH, JIEM, CHIEM, GIEH, GEH, CHIR, CHEA)  
(KH, M, MOG, EA, C, G, W, Wo, Ali 1986)  
1(24)19 CR, N, S. Evergreen shrub or small  
tree.

*Maerua somalensis* Pax [ >1 taxon here?]  
GALAN (MOG), KALAN (G), KALAN BAROR (G)  
CADAY-BIL (ADA-BIL) (C)  
GHESDAMER (C)  
(1)2 N; S (Chiov. 1932); Jowhar (Chiov.  
1934). Evergreen shrub.

*Maerua subcordata* (Gilg) DeWolf (Courbonia  
?nummularifolia Mattei, C. subcordata  
Gilg, C. tubulosa Gilg & Bened.)  
GALAANGAL (GALANCAL) (C, KH)  
GEED DUG, GED DHUK (B)  
KULMIS (B)  
SHEFFER (B)  
MOULON (MOG)  
HIGLO (HIGLU) (MOG)  
ALVERERIS, ALVARERIS (C, G)  
ANGIARRAI (G)  
SHAFANEYN (SCEFAL UEN, SCIFFOEN,  
SCHIFFOEN) (C, G)  
DAH-CAGIAB (C)  
DHJUSUNDHUS? (DOSUN-OUS) (EA)  
MALUD (EA)  
GUME (EA)  
DHUGAAL (HD)  
2(6)10 N, S incl. just W of CR. Evergreen  
shrub, dwarf shrub.

*Maerua thomsonii* T. Anders. (M. socotrana  
(Schweinf.) Gilg)  
CIR (G)  
LAMALOSHE (LAME-LUSC, LAMMALOSCI, LAMALOYE,  
LAMALOIYU) (C, G, EA)  
(7)18 N, CR, S. Slender evergreen tree.

*Maerua triphylla* A. Rich. var. triphylla,  
var. calophylla (Gilg) DeWolf & var.  
pubescens (Kl.) DeWolf  
GADO (GADO, GADU, GEDO) (MOG, EA)  
JIIC (S, M)  
LAMALOSHE (LAMALOYE, LAMALUSH) (G)

GAOLI (EA)  
 MAALIGE (HD)  
 3(6) N mts, S. Evergreen shrub & tree.

Maerua indet.  
FILAAREED, FILARED (B)

*Thylachium africanum* Lour.  
 Boni Forest, Kenya thus expected SW Som.  
 Shrub & small tree.

*Thylachium thomasii* Gilg (*T. cyclophyllum*  
 Chiov., *T. papillososcabrum* Chiov.)

MUTUN, MUTHUN (G, C)  
MEDUDU (G)

CALEEN-GULED? (ALENGULED) (C)

KABLALLAX (CAPLALLA) (C)

(?) BAAR-BOOR (EA)

(?) 3 CR, S. Sprawly or erect evergreen  
 shrub.

Indet. Capparaceae

LAMALOSHE (LAMOULOIJEH) (MAC)

MAKARAM (MAC)

**037 MORINGACEAE**  
 Verdcourt 1985

*Moringa borziana* Mattei (*Hyperanthera*  
*borziana* (Mattei) Chiov.)

AMMI, HAMMI (C)

SEFEUR (C)

MAWE or MOWE (KH)

(6) CR, S, perhaps N (FTEA). Woody forb or  
 more likely spindly dwarf tree or shrub.

*Moringa longituba* Engl. (*Hyperanthera*  
*longituba* (Engl.) Chiov.)

DARAN (MOG)

BAAMIYE (MOG) - from Arabic for okra

MAWE or MOWE (MOHWI, MANE) (C, B)

WOME (Wo)

BORANT (KTS)

LAMOYEN (Verdcourt 1985)

1(11) CR, S, (?N). Spindly dwarf shrub or  
 shrub from tuber.

*Moringa oleifera* Lam.

?MRONGO (C)

EX: horseradish tree.

CR, ?N (cf. Cuf. 1954). Small tree (or  
 shrub).

*Moringa peregrina* (Forsk.) Fiori (M.  
*aptera* Gaertn., *Hyperanthera peregrina*  
 Forsk.)

MOROH (MOROGH, MOROK) (C, G, M, MOG)

DANGAP, DANKAP (G)

DUMOK (G)

MDROK (C)

(8) N, CR (incl. Cuf. 1954); S (Pol. &  
 Chiov. 1934). Tree & slender shrub.

*Moringa pygmaea* Verdc.

N (Verdcourt 1985). Small perennial from  
 large corm.

*Moringa rivae* Chiov. (*Hyperanthera rivae*  
 (Chiov.) Chiov.)

N, maybe CR&S (Cuf. 1954). Small slender  
 tree.

*Moringa ruspoliana* Engl. (*Hyperanthera*  
*ruspoliana* (Engl.) Chiov.)

WAM' ME (MOG)

(7) N, S. Shrub & small tree.

( ) *Moringa stenopetala* (Bak.f.) Cuf. (M.  
*streptocarpa* Chiov.)

MAWE (MAU, MAWA) (KTS)

WUAME (C)

?CR (Cuf. 1954). Tree.

**039 CRUCIFERAE**  
 FTEA 1982

*Arabidopsis thaliana* (L.) Heynh.

JACJACLE (JAW-JAWLE) (MOG)

1( ) Loc? - likely N. Annual or biennial  
 forb.

*Brassica carinata* A.Br.

INFIDI (C)

N (Cuf. 1954). Forb.


*Brassica somalensis* Hedge & Miller

(5) N mts. Forb.

*Cardamine africana* L.

Possibly N - Glover 1947. Perennial.

*Diceratella alata* Jonsell & Moggi  
 (Jonsell? 1983, p. 347).

- Diceratella elliptica* (DC.) Jonsell  
(*Matthiola elliptica* DC., *Pirazzia elliptica* (DC.) Chiov.)  
GEEEL-DABAR (GELDABAR, GEL DEBAR) (G, C, M)  
AHO, OHE (G, Z)  
FOOD-CADE (FODADI) (C)  
WANAD (C)  
HARMAL (G)  
(2) N (mts), S, Ogaden; maybe CR. Dwarf shrub, may scramble.
- Diceratella incana* Balf.f. (*D. sinuata* (Franch.) Oliv.)  
GEEED DHAJIS (KH)  
DAAXOOD (MOG)  
1(7) CR, N, also NE Kenya. Woody (annual) forb, ?dwarf shrub.
- Diceratella inermis* Jonsell (?= *incana*) (Jonsell? 1979, p.526).
- Diceratella psilotrichoides* Chiov.  
(1) N; CR (Chiov. 1929). Armed compact low dwarf shrub.
- Diceratella smithii* (Bak.f.) Jonsell (*D. ruspoliana* Engl., *Matthiola smithii* Bak.)  
N, poss. CR (Cuf. 1954). Woody forb.
- Diploaxis harra* (Forsk.) Boiss.  
(1) N mts. Forb.
- Dipterygium glaucum* Decne. [placed in Capparidaceae in Cuf. 1954]  
SALCASEEYE or SAALCASEEYE (SALA SEYE, SALA ASEYE, SALO, ASAYEH, SALASEYE, SAR-ASES, BALASEYE) (M, C, G, MOG)  
CHECHEGELO ( )  
GALAMBOOBI, GALAMBUBI (G, MOG)  
GIGLI (MOG, G)  
(5) N: coastal bushland. Annual (woody?) forb.
- Erucastrum arabicum* Fisch. & Mey.  
GOMANZA (G)  
HIMFIDE-CAS (HIMFIDE-AS) (C)  
(1) N mts. Annual.
- Farsetia boivinii* Fourn. (*F. stenoptera* Hochst. ssp. *boivinii* (Fourn.) Jonsell)  
XARIG (HERIG) (MOG)  
HARIG MIG (MOG)  
(4) N, S. Dwarf shrub or woody ?annual forb.
- Farsetia cornus-africana* Jonsell ined.  
N(KEW): Glover & Gilliland 691, G 22899, H&W 3170. Forb.
- Farsetia divaricata* Jonsell  
N(KEW): Bally 11017, Gillett 4822, G et al 22071, 22328, H&W 3137. Forb.
- Farsetia emarginata* Jonsell  
Type: Elmi & Hansen 4069  
CR: 5°40'N 46°21'E (K).
- Farsetia linearis* Boiss. or very near = *Colenette* 222  
N(KEW). Annual.
- Farsetia longisiliqua* Decne.  
FARCHEERE (FARADERO) (MOG)  
CASEYE (ASEYE) (G)  
HER IN (G)  
MERHO (G)  
MERO DABERA (G)  
MERO DAMETA (G)  
(5)1 N, S, Muq. Dwarf shrub, woody forb.
- Farsetia longistyla* Bak.  
LANAGAR (G)  
(2) N. Woody annual-perennial forb, dwarf shrub or shrub.
- Farsetia pedicellata* Jonsell  
Gillett & Watson 23516, Beckett 990  
N (K).
- Farsetia robecchiana* Engl.  
AMAAMIYE, ANAANIYE (HD)  
MAHADATHE (Wo)  
(3) S, CR; also N (K). Dwarf shrub or woody perennial forb.
- Farsetia somalensis* (Pax) Gilg & Bened. (*F. fruticosa* Engl., *Cleomodendron somalense* Pax)  
N, S (Cuf. 1954); also CR (K). Shrub or small tree.
- Farsetia spinulosa* Jonsell  
Thulin 4232, 4373  
N mts (K).
- Farsetia stenoptera* Hochst. ssp. *stenoptera* (*F. grandiflora* Fourn.)  
IBA ROR, IBROR (G) 

(2) N, S; also CR(K). Annual-perennial  
forb or woody forb.

*Farsetia stylosa* R.Br. (*F. hamiltonii*  
Royle, *F. ramosissima* Fourn.)

ARAN AD(G)

NE Kenya through Somalia & SW Asia; N (Cuf.  
1954). Forb or woody forb.

*Farsetia tenuisiliqua* Jonsell

Type: Thulin 4376

N mts (K).

*Farsetia* ?n.sp. fide Jonsell = Drake

Brockman 1084, 1085, 1086

N(K). Annual.

*Farsetia* indet.

GEED XAJIIN(M)

*Matthiola dimolehensis* Bak.f.

FOOD-CADE (FODADEH) (G, M)

GEED-CAD (GED-AD) (G, M)

N (Cuf. 1954).

*Matthiola erlangeriana* Engl. (*M. rivae*

Engl.) (or is this *Diceratella*

elliptica?)

N, S, ?CR (Cuf. 1954). Perennial (woody)  
forb.

*Matthiola* sp. = Elmi 487, Elmi & Hansen

4068, Gillett et al. 22537

(3) CR. Dwarf shrub, ?woody forb.

*Matthiola/Diceratella* ?n.sp. = Gillett &

Hemming 24569

(1) Just S of CR. Dwarf shrub.

*Morettia revoilii* Franch. (uncertain  
generic position acc. to Jonsell 1979)

GUEDAAR(C)

N (Cuf. 1954).

*Puccionia macradenia* Chiov.

N. Forb.

*Rorippa islandica* (Oed.) Borb.

CR, ?S (Cuf. 1954).

*Rorippa micrantha* (Roth) Jonsell (R.

*indica*, *R. madagascariensis*)

S (Cuf. 1954). Subaquatic annual or short-  
lived perennial.

*Rorippa nasturtium-aquaticum* (L.) Hayek  
(*Nasturtium officinale* (L.) R.Br.)

?MUKERAFO(G)

?N - Glover 1947. Subsucculent aquatic  
perennial.

*Schouwia purpurea* (Forsk.) Schweinf. (*S.*  
*arabica* (Jus.) DC.)

(1) Muq. coastal dunes. Annual subwoody  
or entirely herbaceous forb.

*Sisymbrium irio* L.

EX?

N (Kazmi 1985). ?Annual forb.

*Sisymbrium pinnatifidum* Forsk.

HOMFOLI, HUMFIRI (C)

N (Cuf. 1954). ?Annual forb.

*Sisymbrium* indet.

GEDGURUN(MOG)

## 840 VIOLACEAE

tus

*Hybanthus durus* (Bak.) O.Schwartz

Elmi et al. sn, 3 Mar 86

?HIIRIN(L)

(1) CR: Ceel Dheer Dist. Dwarf shrub.

Only 2 previous coll's from Afr., in  
Ogaden.

*Hybanthus enneaspermus* (L.) F.Muell. (var.  
*enneaspermus*)

(2) N; CR, S (Kazmi 1985). Annual or  
perennial.

*Rinorea elliptica* (Oliv.) Kuntze (may  
include *R. somalensis* Chiov.)

Hemming & Deshmukh JESS 86/31 &

94(sterile), Deshmukh JESS 238

XANYO-GOLED(HAYE GOLEED) (HD)

ABOOR MAKAREEN, ABOOR MAKREEN(HD)

2( ) 1 S: Jubba R. at 0°48' - 1°13' N. Small  
tree, tall shrub.

*Rinorea ilicifolia* (Oliv.) O.Kuntze

Boni Forest, Kenya thus expected SW Som.

Shrub or small tree.

*Rinorea somalensis* Chiov.

S (Chiov. 1936).

*Rinorea* sp. aff. *R. squamosa* (Tul.) Baill.  
(*R. kaessneri* Engl.)

KABAL (C)  
S (Cuf. 1959). Shrub.

*Viola stocksii* Boiss. (*V. somalensis* Engl.)  
(syn. nov. fide J.B. Gillett in litt.

1986)

(2) N mts. ?Perennial forb.

#### 041 RESEDACEAE

Abdallah & De Wit 1967, 1978?

*Caylusea abyssinica* (Fres.) Fisch. & Mey.  
(9) ?N. Annual or short-lived perennial.

*Ochradenus baccatus* Del.

MIRROW? (MIRU, MIRROW, MYRRHO, MERAW, MERHO,  
MIRHAU, MIRHO, MIRRHAU, MIRU, MIRRO, MIRRU)  
(G, C, MOG)

SHAN SAR (G)

(18) N mts. Ephedra-like almost leafless  
broom-like shrub.

*Ochradenus somalensis* Bak. f. (incl. ssp.  
glaber (Abdallah) Gillett) (prob. incl.

*Reseda somalensis* Bak. f.; assumed to  
include *Randonia somalensis* Schinz)

CUNDEWALE (MOG)

MIRROW? (MOG)

CHIMBUKIS (MOG)

SHANSAR (MOG)

AWR DAYE (AURA DAYE) (G)

GOS MADOW (GOSA-MADO-BEYEH, GOSA MUDOWEYI,  
GHOWSO MADO BEYE, GUSA MUDO BEYE) (G)

JENI SAKAN (G)

(24) N, CR. Dwarf shrub to 1(2) m but may  
be cushionlike or prostrate.

*Oligomeris linifolia* (Vahl) Macbr.

(1) N mts. ?Dwarf shrub.

*Reseda amblycarpa* Fres. incl. var. *somala*  
Chiov.

DEBI FELEH (MOG)

KOHAI (MOG)

DAILA ORD (G)

DEBEYELE (G)

HAHIYE (G)

KARHIL (G)

OULAL, OULAJ (G, C)

(8) CR, N. Annual.

*Reseda bracteata* Boiss.

ALEYALALEH (G)

KAHIYE (G)

N (Cuf. 1954).

*Reseda ellenbeckii* Perkins

(1) S; also possibly CR (cf. Cuf. 1954).  
?Annual.

*Reseda gilgiana* Perkins var. *gilgiana*,  
var. *brachycarpa* Abdallah & De Wit, &  
var. *nogalensis* (Chiov.) Abdallah [ & De  
Wit?]

(8) N, CR; also S (Cuf. 1954). Dwarf shrub  
(?or forb).

*Reseda migiurtinorum* Chiov.

ILCAS (ULASS) (G)

(1) N. Annual woody forb/dwarf shrub.

*Reseda nogalensis* Chiov.

N (Cuf. 1954).

*Reseda oligomeroides* Schinz

DHUUR (M)

GEED-BIYO ?or GEED-BIYOOD (GHED-BIO) (C, Ali  
1986)

DHEBI-YARE or DHEBI-YARD (DEBI-YERE, DEBI-  
YERO) (G)

DOR (G)

KAHIYE, KARHAYI, KARHIYE, KERHAYA, KERHAYI, KURH  
IYE, KARHIYI (G, C)

ULCAS (MOG)

(11) CR, N, S. Subsucculent(?) woody forb  
or dwarf shrub/shrub.

*Reseda telephiifolia* (Chiov.) Abdallah & De  
Wit (*Stefaninia telephiifolia* Chiov.)

[Placed in Capparidaceae in Cuf. 1954]

(2) N mts. Dwarf shrub (?woody forb).

#### 042 POLYGALACEAE

*Polygala abyssinica* Fres.

XANJO CASEYE (HANJA ASEYE) (G, M)

(2) N mts. Annual or short-lived  
perennial (woody) forb.

*Polygala amboniensis* Guerke

S(K): Ciferri 49 Annual.



*Polygala butyracea* Heckel

?EX.  
N (Cuf. 1956). In W Africa, cultivated for the seed which yields a high-quality oil (Cuf. 1956).

*Polygala conosperma* Bojer  
S (Cuf. 1956).

*Polygala effusa* Paiva ined.  
N, CR (K). [see Hemming 1421, 1712, Bally 9586, G 22989, H&W 32271] Dwarf shrub.

*Polygala erioptera* DC.  
GUEDO, (C)  
(2) Ni Boni Forest, Kenya thus expected S. Annual (biennial).

*Polygala irregularis* Boiss. (incl. *P. hagerupii* Exell)  
EL-ASTIC (G)  
(3) N, CR; also S (KEW). Dwarf shrub or annual (biennial) forb.

*Polygala kassasii* Chrtek  
Balcad (K): Thulin & Warfa 5318 Forb.

*Polygala liniflora* Chod. (*P. conosperma* Boj.)  
(2) Woody (?) annual forb (dwarf shrub?).

*Polygala matteiana* Pampan.  
AMBIOD, AMBIOK (C)  
S (Cuf. 1956).

*Polygala sadebeckiana* Guerke  
(1) S. Perennial dwarf shrub or forb.

*Polygala senensis* Kl. incl. var. *somalensis* (Chiov.) Cuf. (*P. calcicola* Chod., *P. obtusissima* Chod.)

XANJO CASEEYE (HANJA AS SAYI) (M, MOG)  
HARA (MOG)  
(10) CR, N, S. Dwarf shrub (or woody forb).

*Polygala sennii* Chiov.  
S (Cuf. 1956); maybe expected CR.

*Polygala somaliensis* Bak.  
N (Cuf. 1956).

*Polygala sphenoptera* Fres. (*P. persicariifolia* DC., *P. quartiniana* A. Rich.)

(2) S, N. Perennial or annual, may creep or scramble.

*Polygala tinctoria* Vahl  
DUGRALE (C) N (Cuf. 1956).

*Polygala* ?n. sp. = Gillett et al. 22259  
(1) CR. Woody forb (or dwarf shrub?).

*Polygala* sp. = Kuchar 16978... *P. serotina* L.

*Polygala* indet.  
HAUGO ASEYE (MOG)

excluded species: *polygala kilimandjarica* Chod.

#### 045 CRASSULACEAE

*Aeonium leucoblepharum* A. Rich. (*Sempervivum chrysanth(e)um*, *S. leucoblepharum* (A. Rich.) Hutch. & Bruce)  
(4) N mts. Succulent perennial woody forb or dwarf shrub.

*Cotyledon barbeyi* Schweinf.  
MANTARAR (G), MTERA (G)  
(3) N mts. Succulent shrub.

*Crassula alsinoides* (Hook. f.) Engl.  
Somalia (Wickens & Bywater 1980).  
Succulent forb.

*Crassula hedbergii* Wickens & Bywater  
Ethiopia, Yemen.

*Crassula volkensii* Engl. (*C. coleae* Bak., *C. galunkensis* Engl., ?*C. somalensis* Engl.)  
(1) N. Succulent perennial.

*Kalanchoe bentii* Hook. f. ssp. *somalica* Cuf.  
DAR-DER (Z)  
(1) N mts. Succulent.

*Kalanchoe bipartita* Chiov.  
N (Kazmi 1985). Succulent.

*Kalanchoe citrina* Schweinf. var. *citrina* &  
var. *ballyi* Wickens  
MANTARAR(G), MANTERA(G)  
N (Cuf. 1954). Succulent perennial.

*Kalanchoe densiflora* Rolfe  
Boni Forest, Kenya thus expected SW Som.  
Succulent perennial.

*Kalanchoe diversa* N.E.Br.  
MANTARAR, MANTERA(G)  
N (Cuf. 1954). Succulent.

*Kalanchoe flammea* Stapf  
MANTATAR, MANTARRAR, WANTARRAR, MANTARRAD(C, Z)  
MORDA LUGUD(Z)  
BERJER, BERJERO, BERIORO(Z)  
TRAD(Z)  
(6) N mts. Succulent.

*Kalanchoe glaucescens* Britten ssp.  
*glaucescens*  
WANTAROD(Z)  
N (Kazmi 1985). Succulent perennial.

*Kalanchoe gloveri* Cuf.  
MARGEMAIT(Z)  
N (Kazmi 1985). Succulent.

*Kalanchoe lanceolata* (Forsk.) Pers. (K.  
*brachycalyx* Rich., *K. diversa* N.E.Br., *K.*  
*glandulosa* Rich., *K. laciniata* (L.) DC.)  
BIBILE(G)  
MANTERA, MANTARAR(G)  
(2) N; maybe CR (cf. Cuf. 1954).  
Succulent annual.

*Kalanchoe marmorata* Bak. (*K. kelleriana*  
Schinz, *K. macrantha* Bak., *K. somaliensis*  
Bak.)  
WAHARA BIFIYE(G)  
MANTATAR, MUNTARAH, MATARERR, MOTARARH(C, Z)  
TARARH(Z)  
KABAGO(Z)  
(4) N; poss. CR (cf. Cuf. 1954).  
Succulent more or less perennial forb.

*Kalanchoe migiurtinorum* Cuf.  
N (Kazmi 1985). Succulent.

*Kalanchoe quartiniana* A.Rich. (syn?)  
LUGO(G)  
?N - Glover 1947.

*Kalanchoe schweinfurthii* Penzig (K.  
*rohlfssii* Engl.)  
Somalia (Cuf. 1954). Succulent annual-  
perennial.

*Kalanchoe stenosphon* Britten  
(1) N. Succulent.

*Umbilicus botryoides* A.Rich. (*Cotyledon*  
*umbilicus* L.)  
(1) N mts. Succulent perennial.

#### 047a VAHLIACEAE FTEA 1975

*Vahlia dichotoma* (Murray) Kuntze  
Boni Forest, Kenya thus expected SW Som.  
Annual.

*Vahlia digyna* (Retz.) Kuntze (*V. viscosa*  
Roxb.)  
WANDEEQ or WANDEEKH (WANDEKH, WANEIKH,  
WANIKH) (G, M)  
(1) S; ?CR (Cuf. 1954). Annual.

*Vahlia somalensis* Chiov. ssp. *somalensis* &  
ssp. *goddinonii* (Bruce) Bridson  
WANDEEQ or WANDEEKH (WANEIKH, WANDECK) (C, MOG)  
?CHEHAN(MOG)  
MICI BEEREED(MOG)  
AJO(G)  
(8) CR, N, S. Annual.

#### 052 ELATINACEAE FTEA 1968

*Bergia* (sp. aff. *B. anagalloides* E.Mey.)  
(1) N. Small (annual) forb.

*Bergia suffruticosa* (Del.) Fenzl  
(2) CR. (Annual or) short-lived perennial  
dwarf shrub, woody forb.

*Bergia* ?n.sp.  
Gillett et al. 21898  
(1) CR: Galkcayo. Prostrate forb or  
perhaps dwarf shrub.

## 053 CARYOPHYLLACEAE

FTEA 1956

*Arenaria serpyllifolia* L. incl. var. *viscida*  
DC.  
N (Cuf. 1953).

*Arenaria vestita* Bak.  
(1) N mts. Forb.

*Cometes abyssinica* [R.Br.] Wall.  
WAN-CAD(MOG)  
JAJABOOD(MOG)  
HEDIG(MOG)  
(12) N. Forb.

*Corrigiola capensis* Willd. (*C. litoralis* L.)  
MOKA IJA(G)  
Cited in Glover 1947. Annual-perennial.

*Gypsophila montana* Balf.f. (?*G. somalensis*  
Franch.)  
WEELYO-SUBKE(QUELO-SOUBKE)(C)  
(1) N. Glandular dwarf shrub.

*Minuartia filifolia* (Forsk.) Mattf.  
(1) N mts. ?Subprostrate forb.

*Paronychia somaliensis* Bak.  
N (Cuf. 1953).

*Pollichia campestris* Ait.  
(2) N mts. Dwarf shrub, ?scandent forb.

*Polycarpaea pulvinata* M.Gilbert (Gen. nov.  
aff. ?*Polycarpaea*  
Hemming 1612,1651, Popov 57/20)  
EDIO-GUDDUCHIO(MOG)  
(5) N. Cushion-forming dwarf shrub.

*Polycarpaea somalensis* Engl.  
6(2) Muq., also CR (Chiov. 1929). Small  
(more or less) succulent rosette forb.

*Polycarpaea spicata* Wight & Arn.  
(2) S. Small subsucculent perennial.

*Polycarpaea ventiversa* M.Gilbert  
(1) N (incl. Gilbert 1987). Tiny dwarf  
shrub.

*Polycarpon prostratum* (Forsk.) Aschers. &  
Schweinf.  
Somalia (Cuf. 1953). Annual.

*Robbairia delileana* Milne-Redh.  
Somalia (Cuf. 1953).

*Silene* sp. =  
(1) N mts. Forb.

*Spergula fallax* (Lowe) E.H.L.Krause  
(1) N mts. Forb.

*Spergularia* sp.  
Gillett & Watson 23845  
(1) N: mts N of Erigavo, 10°48'N 47°22'E.  
Forb.

*Sphaerocoma hookeri* T.Anders. ssp. *hookeri* &  
ssp. *intermedia* Gillett (Hafunia  
*globifera* Chiov.)  
DARAN(DURAN)(Z)  
(1) N. Dwarf shrub.

## 055 AIZOACEAE

FTEA 1961

*Aizoon canariense* L.  
GUSUNGUS(MOG)  
GABLE HAREERI?(GABLHAREERE)(MOG)  
CAG-WARAABE(AGWARABA)(MOG)  
DAROB(MOG)  
(2) N, also N Kenya. Prostrate somewhat  
spreading (?)succulent annual-perennial.

*Corbichonia decumbens* (Forsk.) Exell  
(*Orygia decumbens* Forsk.)  
NAYLA ABABIS(NAILA ABABIS)(G,M)  
CAG-WARAABE(AGWARABA)(G)  
(2) N, also NE Kenya. Erect to prostrate  
annual or short-lived perennial.

*Gisekia africana* (Lour.) O.Kuntze var.  
*africana*  
AUSTRAMA(MOG)  
XUBNACAS(W)  
1(4) CR; Muq. (Raimondo et al. 1981).  
Prostrate subsucculent annual.

*Gisekia pharnaceoides* L. var. *pharnaceoides*  
& var. *pseudopaniculata* Jeffrey (G.  
*rubella* Moq.)  
CAYO (or CANYO?) (AIYU, ALIO, AGNU) (G, C, MOG)  
CAYO DIBADEED or CANYO DIBADEED (AIYU  
DEBIRIR, AIYU DEBADID) (G, MOG)

CAYO YARYAR or CANYO YARYAR (AIYA YERYER,  
AIYU YER-YER) (G)  
EDDIM-CAS (EDDIM-AS) (C)  
CANS-GUDUUD (OS-GEDUD) (C)  
SCIATE (C)  
GARROW (L)  
8(13) CR, S; N, S (Cuf. 1953). Little  
prostrate or erect (subsucculent) annual.

Glinus lotoides L.  
2( ) Jowhar. Prostrate ?subsucculent  
annual.

Glinus oppositifolius (L.) A. DC.  
CR (Cuf. 1953). Subsucculent annual.

Glinus setiflorus Forsk. (var. eglandulosus)  
YAGAAR (YAGAA, YAGAR) (MOG, B)  
GEED-BIYOOD (GEED BIYE) (B)  
(3) S, N. Suberect or usually prostrate  
forb.

Hypertelis bowkeriana Sond.  
Expected Somalia? Succulent woody  
perennial.

Limeum indicum Anders.  
Djibouti (Cuf. 1953).

Limeum fruticosum Verdc.  
(4) CR. Shrub.

Limeum praetermissum Jeffrey  
(3) S. Prostrate perennial.

Limeum viscosum (J. Gay) Fenzl  
Muq. (Kazmi 1985). Prostrate to suberect  
annual or short-lived perennial.

Mollugo cerviana (L.) Ser. var. cerviana &  
var. spathulifolia Fenzl  
(1) CR; also N, ?S (Cuf. 1953). Small  
delicate annual.

Mollugo nudicaulis Lam.  
S; expected CR. Annual.

Mollugo indet.  
IBA ROOR, IBAROR (MOG)

Semonvillea angustifolia (Verdc.) \_\_\_\_\_  
(Limeum angustifolium)  
(3) N, CR. Dwarf shrub.

Sesuvium portulacastrum (L.) L.  
(1) S. Littoral succulent perennial.

Sesuvium sesuvioides (Fenzl) Verdc.  
(Trianthera polysperma Oliv.)  
N (Cuf. 1953); expected CR. Prostrate  
succulent annual or short-lived perennial.

Tetragonia chisimajensis Chiov.  
S (Cuf. 1953). Forb.

Tetragonia somalensis Schellenb.  
Ogaden, maybe expected CR (cf. Cuf. 1953).  
Forb.

Trianthera ceratosepala Volkens & Irmsch.  
(T. sedifolia Vis)  
Muq. (Chiov. 1932). Succulent prostrate  
perennial forb, woody forb or dwarf shrub.

Trianthera crystallina (Forsk.) Vahl  
DARAN (or DARAN-AD) (C, M)  
N, coastal. Low forb with succulent lvs.

Trianthera portulacastrum L.  
EX: weed.  
1(1) S incl. Muq. Succulent or  
subsucculent annual.

Trianthera salsoloides Oliv. (?T.  
crystallina (Forsk.) Vahl)  
CAG-WARAABE (AGWARABA) (G)  
DARAN (DALAH, DARAN AD) (G)  
Cited in Glover 1947. Succulent annual.

Trianthera sennii Chiov.  
Just S (Chiov. 1932).

Trianthera sp. cf. T. sennii Chiov.  
(1) N. Succulent.

Trianthera triquetra Willd. (T. sedifolia  
Vis)  
CAG-WARAABE (ASWARABA) (MOG)  
2(3) Prostrate subsucculent annual.

Trianthera sp.  
Gillett & Hemming 24444  
(2) Coast NE of Muq. Low succulent.

Tribulocarpus dimorphanthus (Pax) S. Moore  
(Nitraria retusa (Forsk.) Aschers. ssp.  
euretusa Chiov., Peganum retusum Forsk.)  
KAXAR (KH)

GEED KAXAR (KH)

(5) S, CR, N. Dwarf shrub.

*Zaleya pentandra* (L.) Jeffrey (*Trianthema pentandra* L.)CAYO or CANYO (AYIO) (MOG)GAMANNE, GHEMEN (C, G)RASO DAMEER (RASO DAMER) (G)

3(4) Muq., Afgooye, S, N. Slightly subsucculent annual-perennial, may be prostrate.

## 056 PORTULACACEAE

*Anacampseros somalensis* v. Poelln.  
Ogaden, ?maybe CR (cf. Cuf. 1953).*Calyptrotheca somalensis* Gilg (*Talinum rivae* Chiov.)SOLOL (KTS)

S (near Muq.) Subsucculent or succulent shrub.

*Calyptrotheca taitensis* (Pax & Vatke) Brenan  
S(K). Hemming 412, Bally & Melville 16308.*Portulaca ciferrii* Chiov.

Merca (Pol. &amp; Chiov. 1934). Succulent perennial.

*Portulaca erythraea* Schweinf.

S (Cuf. 1953). Succulent.

*Portulaca foliosa* Ker.-Gawl. (incl. *P. kermesina* N.E.Br.)GODORKE (MOG)DARAN (DURRAN) (MOG)DINAS (DINAS) (MOG)

(2) N; S (HD). Succulent annual-perennial.

*Portulaca nogalensis* Chiov. incl. var. *heterotricha* Chiov. & var. *homotricha* Chiov.

(1) N. Succulent perennial.

*Portulaca oleracea* L.CAYO or CANYO (AIYA, AIYO, AIYU) (G, M)CAYO WEYN (AGNO UEN) (G)

EX: weed.

1(3) N, CR, S. Succulent (prostrate) annual.

*Portulaca quadrifida* L. [some are probably misdets]DANANISO [cf. DHANAAN] (G)KABOGOIS (G)CANYO (C)CARMO (ARMO) (C)HADU-CAS (HADU-AS) (C)HADU-CAD (HADU AD) (G)

8(1) CR, S. Tiny prostrate succulent annual.

*Portulaca somalica* N.E.Br.DANANISO (G)HADU-SAGAARO (HADU SAGARO) (G)

N, ?CR (Cuf. 1953).

*Portulaca wightiana* Wight & Arn.

(1) S; N (Cuf. 1953). Succulent more or less prostrate perennial (annual?).

*Portulaca* sp. aff. *P. wightiana* Wight & Arn.CANYO (KH)

(2) 1 CR, N, S, Afgooye. Succulent cushion-forming annual.

*Portulaca* indet.SINSAGAR (C)*Talinum arnotii* Hook. f.

(2) N.

*Talinum cafferum* (Thunb.) Eckl. & Zeyh.

Djibouti (Cuf. 1953). More or less succulent perennial.

*Talinum patens* (L.) Willd. (*T. paniculatum* (Jacq.) Gaertn.)

EX?

Somalia (Cuf. 1953); expected CR acc. to Chiov. Succulent ?perennial.

*Talinum portulacifolium* (Forsk.) Asch. & Schweinf. (*T. cuneifolium* (Vahl) Willd.)MANJA-CAS (MANJA-AS) (G)MARGA MAYDH (MARGA MAID, MARQUO MEID) (G, M)MAMOC (C)CAMU (C)DALOL (EA)

(1) 1 S, CR, Afgooye; N (Cuf. 1953). Woody (sub)succulent perennial.

057 POLYGONACEAE  
FTEA 1958

*Antigonon leptopus* Hook. & Arn.  
EX.

Merca (Pol. & Chiov. 1934). Woody vine.

*Oxygonum atriplicifolium* (Meisn.) Martelli  
incl. var. *trichocarpum* Chiov. (O.  
*somalense* Chiov.)

6(1) N mts, S incl. Afgooye. Straggling &  
trailing ?perennial.

*Oxygonum sagittatum* R. Grah.

(3)1 CR, Afgooye. Prostrate or spreading  
bushy perennial or annual.

*Oxygonum salicifolium* Dammer

QABDI-QOYAAN (MOG)

(3) S incl. just S. More or less prostrate  
annual-perennial.

*Oxygonum sinuatum* (Meisn.) Dammer

(1) S, N; NE Bay Region (O'Brien 1986).  
Annual (biennial?).

*Oxygonum* n. sp.

Gillett et al. 23264

GEEDGARAR (KH)

(4) CR. Shrub to 3 m.

*Polygonum acuminatum* H. B. K.

MUK\_MUKO (G)

XUBNOLE (Ali 1986)

?N - Glover 1947.

*Polygonum glabrum* Willd. *P. tanganyikae*  
S (Cuf. 1953).

*Polygonum lapathifolium* L.

S (Cuf. 1953).

*Polygonum senegalense* Meisn. incl. var.  
*semilanigerum* Chiov. (*P. lanigerum* R. Br.;  
incl. ?*P. glabrum* Willd., ?*P.*

*lapathifolium* L., *P. tanganyikae* Schuster)  
1(3) S; CR (Chiov. 1929). Subaquatic  
perennial.

*Polygonum* indet.

EIIDEEY-MALABEEY (M)

SIILE-MALABEEY (M)

*Rumex nepalensis* Spreng.

EYREB-SAAR (ARAB SARI, ARAP SAR, ARAB-SARE)  
(C, G)

(1) N mts. Forb.

*Rumex vesicarius* L.

Prob. EX.

?N (Cuf. 1953).

059 PHYTOLACCACEAE  
FTEA 1971

*Phytolacca dodecandra* L'Herit.

NDOD (G)

Maybe N. Subsucculent woody vine.

*Rivina humilis* L.

EX?

(1) S (Genale); Muq. (Kazmi 1985). Dwarf  
shrub.

061 CHENOPODIACEAE  
FTEA 1954

*Anabasis ehrenbergii* Boiss.

(1) CR. Succulent dwarf shrub.

*Arthrocnemum glaucum* (Del.) Ung.-Sternb.  
(?A. *fruticosum* (L.) Moq.)

4(2) N incl. W of Garoowe; S, Muq.  
Succulent dwarf shrub.

*Arthrocnemum indicum* (Willd.) Moq.

S (Cuf. 1953). Subprostrate subwoody  
succulent perennial.

*Atriplex coriacea* Forsk.

(3) Muq., N incl Garoowe area. Dwarf  
shrub, shrub.

*Atriplex farinosa* Forsk.

GUBETE (MOG)

AMBOHI BADEED (MOG)

ETIKAR, INTIKAR (C, G)

2(3) Muq. & N coast; CR (Chiov. 1929);  
Kiunga, Kenya thus expected SW Som.  
Subsucculent(?) dwarf shrub, shrub.

*Atriplex griffithii* Moq.

GEED-CAD (GHED-AD) (C)

S: Merca (Cuf. 1953).

*Atriplex halimus* L.  
2( ) ?Subsucculent woody forb.

*Atriplex* sp.aff. *A. halimus* L.  
~~XABOW~~ (HABU) (C)  
N (Kazmi 1985).

*Beta vulgaris* L.  
EX: beet.  
Somalia (Kazmi 1985). Annual.

*Chenopodium album* L.  
EX: weed.  
N, maybe CR/S (Cuf. 1953). Annual.

*Chenopodium murale* L.  
~~CAYO/CANYO DIBADEED~~ (AIYU DIBADID) (G)  
~~CAYO/CANYO GURI~~ (AIYU GURI) (Ali 1986, G)  
Prob. EX.  
(1) N; just S (Chiov. 1932). Annual.

*Chenopodium opulifolium* Koch & Ziz  
(1) N; maybe CR/S. Annual or biennial.

*Chenopodium procerum* Moq. (*C. botrys* L. var.  
*procerum* C.B.Cl.)  
~~HARBO-CAD~~ (HARBO-AD) (G)  
~~KURHIYI~~ (C)  
1( ) N. Annual.

*Chenopodium schraderianum* Schult.  
(1) N mts. Annual.

*Chenopodium* indet. (*foetidum*?)  
?GURYAFAN(L)

*Cornulaca ehrenbergii* Aschers.  
(1) N coast. Succulent.

*Gyroptera gillettii* Botsch.  
(2) CR? Succulent-leaved dwarf shrub.

*Gyroptera somalensis* Botsch.  
(6) N incl. Garoowe area. Succulent-leaved  
dwarf shrub.

*Halothamnus beckettii* Botsch. in Bot. Zhur.  
67:545 (1981)  
Type JJBeckett 702, 7°58'N 49°41'E  
N (K), expected CR.

*Halothamnus somalensis* (N.E.Br.) Botsch.  
[V.P.Bochantzev] (*Salsola somalensis*  
N.E.Br.)

Bochantzev[Botschantsev] (1981) revised  
Halothamnus as a genus distinct from  
Salsola. He considered that all Somali  
material assigned to S. bottae (Jaub. &  
Spach) Boiss. is H. somalensis and that  
true H. bottae does not occur in Somalia.  
J.P.M.Brenan however, taking a broader  
view of S. bottae, held that it does occur

in Somalia and that S. somalensis is a  
synonym for it (J.B.Gillett pers.com.).  
~~GUSOMADOWBEYE~~ (GOWSAMADOOBEEYE, GOWSE  
MADOOBEEYE, GOWSA-MADOWBEYI, GAUSO MUDDO  
BEYE, GOSA-MADO-BEYEH, GOSO MUDOWEYI,  
GUSOMADOBEYE, GUSO MUDDO WEYI, GASOMADOBEYE,  
GAWSAMADOOBEEYE, GAWSA-MADOOBEEYE, GOSA  
MADOBEYI, GACOSA-MADOOBEEYE) (L, MOG, C, M, G, EA)  
AF MEDABEI, AF MADOBEEYE (EA)  
DANKUP (EA)  
~~NAGAADH/NAGAAR MADOW~~ (L)  
MIRGI EDALIS (G)  
2(13)27 CR, N, ?S. Shrub, dwarf shrub.

*Lagenantha nogalensis* Chiov. incl. var.  
*papillosa* Chiov.  
~~DARAN~~ (DURRAN, DARRAN, DARRAN-AD) (C, EA)  
(4)13 CR, N. Dwarf shrub.

*Salsola africana* (Brenan) Botsch.  
(1) N? Shrub. Looks more like *Gyroptera*.

*Salsola congesta* N.E.Br.  
N (Cuf. 1953).

*Salsola dendroides* Pall.  
~~DARAN-CAD~~ (DARRAN-AD) (KTS)  
~~BURTE~~ (EA)  
?Expected *S.* Succulent-leaved dwarf shrub,  
shrub.

*Salsola foetida* Del.  
~~GULAN~~ (GULAN, CULAN, GURAN) (G, EA)  
N, ?CR (Cuf. 1953).

*Salsola forskalii* Schweinf.  
~~GULAN~~ (GULAN) (L, MOG, NWR)  
~~?DORAU~~ (MOG)  
(7)9 N incl. NW of Garoowe. Cushion-shaped  
(or erect?) shrub.

*Salsola frutescens* Pallas (*S. crassa*  
M.Bieb.)

GULAN (GULAN) (G)  
HABUGH (G)  
 N (Cuf. 1953).

*Salsola pycnophylla* Brenan  
GULAN (GULAN) (MOG)  
DARAN (EA)  
 1(9)9 N, CR. ?Subsucculent dwarf shrub.

*Salsola rubescens* Franch.  
DINAAS (DINAS) (MOG)  
ARKADO (G)  
WALDIHABU, WALO HABEE (EA)  
GORA-WAHAR (EA)  
 (6)14 N. Dwarf shrub.

*Suaeda fruticosa* (L.) Forsk. (?= *S. monoica*)  
XADHUUN/XARUUN (XUDHUUN, HARUN, HODON, HODUN,  
 ADUN, HADUN, HORUN, HUDUN, HURAN) (G, C, Ali  
 1986)

DALUUG (DALLUG) (MOG)  
ASSAH (G), ASSAL (G)  
MEGAD (G)  
DARAN (DURRAN) (C)  
 2( ) Muq. i N, ?CR (Cuf. 1953). Littoral &  
 dune shrub.

*Suaeda micromeris* Brenan  
XADHUUN/XARUUN (HARUM, XARUN, XUDHUUN) (L, MOG)  
DARAN (DARRAN) (MOG)  
HAYN (MOG)  
GULAN (GULAN) (MOG)  
DINAAS (DINAS) (EA)  
DALUUG (DELUG) (EA)  
 (7)8 S, CR. Evergreen succulent-leaved  
 dwarf shrub.

*Suaeda monoica* J.F. Gmel.  
XADHUUN/XARUUN (HARUN, HODUN, HODON, HURUN,  
 XUDHUUN) (G, EA, NWR)  
DALUUG (DILUK) (C)  
HAYN (W)  
 1(4)6 N, CR, Muq. Succulent-leaved shrub.

*Suaeda paulayana* Vierh.  
 N (Cuf. 1953).

*Suaeda vermiculata* Forsk.  
DINAAS (DINAS) (G, M)  
 (1)1 N; also CR (Chiov. 1929). Succulent-  
 leaved dwarf shrub.

*Suaeda volkensis* C.B. Cl.  
 ?CR (Cuf. 1953).

*Suaeda* indet.

DARAN CAD (M)  
DARAN DAMEERAD (DURRAN DAMERAD) (M, MOG)  
DARAN MADOW (M)  
DHIRINDHIR CAD (M)

excluded: *saltia papposa* (forsk.) Moq. N  
 acc. to glover 1947.

063 AMARANTHACEAE  
 FTEA 1985

↓  
*Achyranthes aspera* L. incl. var. *indica* L. &  
 var. *pubescens* (Moq.) Townsend (A. *sicula*  
 (L.) All.)

MARABBOOB (MARABOB) (G, M)

KHABANOT (MOG)

LA LAIS (MOG)

LAANBIREED (MOG)

SARIIBIYE (MOG)

IL CAD (CULCAD) (MOG)

OKAT, OKAS (C, G)

DAI BIRET, DAIBIRIT (C, G)

SERI-VIU (C)

ENNOLE (C)

LUO (EA)

SHENBUCKSEIA (EA)

FIIDEY MALABEY (HD)

6(8)7 CR, N, S. Perennial(-annual) forb, may  
 be woody.

*Aerva arachnoidea* Sand. (syn?)  
 S (Cuf. 1953).

*Aerva javanica* (Burm. f.) Schultes (A.  
*persica* (Burm. f.) Merrill, A. *tomentosa*  
 Forsk.)

GEEDCAD (GED AD) (G, M)

FOOD CADE (FOD ADEH) (EA, M, HD, MOG)

GEED BAHAL, GED BAHAL (B, EA)

BAARIIS BAARIISEY (M)

HAMBOOYE/HUMBOOYE (HAMBOOHI, HAMBOOH, AMBOOHI,  
 AMBOHE, HOMBOI) (G, C, MOG, KH, W, Wo)

HAMBOOYE CAD (HAMBOIYE AD) (EA)

SOOMAGALE (SOMAGALE, SOOMAGALE, SAMAGAL,  
 SAMAGALE) (G, MOG, KH, EA)

WANCAD (WAN AD, WAANA' AD, WANAD) (MOG, EA, NWR)

GEED BAHAL (GED BAHAL) (MOG)

SOOME/SOONE (SO ANA, SOANA, SONA, SONAH, SONE,  
 SORNA, SOHNE, SOHNA) (G, C, MOG, EA)



OILAITU(C)  
BORODORET(C)  
TOOBLE(C)  
OMBOLO(C)

16(27)24 CR,N,S. Dwarf shrub or woody  
perennial forb.

*Aerva lanata* (L.) Schultes incl. var.  
*oblonga* Asch., var. *orbicularis* Suesseng.  
& var. *rotundifolia* Moq.

WANCAD (WANAD) (G,M)  
HAMBOOYE/HUMBOOYE (HAMBOOHI, AMBONI) (KH, MOG)  
HAMBOOYE BADEED (HAMBOOHI BADEED) (MOG)  
WANEEK (MOG)  
WACAD-YAR (WANAD-YER) (C)  
SOOME/SOONE (SONA) (EA)  
FOOD-CADE (HD)  
DAANGOOLE (HD)  
OSINADEI (C)  
CISASI (C)

FUSI-FUSI (C)  
6(15)15 N,S, Muq. Dwarf shrub & perennial  
woody forb.

*Aerva leucura* Moq.  
SOOME/SOONE (SONEH) (MOG)  
(2)1 N; also S (Cuf. 1953). Perennial  
woody forb.

*Aerva ruspolii* Lopr.  
HAMBOOYE (AMBOI) (C)  
N, ?CR/S (Cuf. 1953). Perennial.

*Aerva* indet.  
DABA' ADEH (MAC)

*Allmaniopsis fruticulosa* Suesseng.  
(1) NE of Muq. Dwarf shrub or woody  
perennial. [Needs rechecking, as FTEA  
considers this a monotypic endemic of  
Kenya]

*Alternanthera pungens* HBK. (*A. repens* (L.)  
Link)  
GUDHA-INGIRIISI? (GUDHA-INGRESS) (MOG)  
EX: weed.  
2(3)2 N,S, Afgooye. Prostrate mat-forming  
perennial.

*Alternanthera sessilis* (L.) DC. (*A. repens*  
Gmel.)  
S incl. just S (Chiov. 1932). Prostrate to  
erect low annual or perennial.

*Amaranthus caudatus* L.  
RASO REINOK? (RASU REINOK) (G)  
EX: weed.  
3( ) Afgooye; just S (Chiov. 1932).  
Annual.

*Amaranthus dubius* Thell.  
EX: weed.  
1( ) No locality. Annual.

*Amaranthus graecizans* L. ssp. *graecizans* &  
ssp. *silvestris* (Vill.) Bren. (*A.*  
*silvestris* Vill., *A. angustifolius* Lam.)  
AIYU-GURI (C)  
RAASOOW (HD)  
BERSAGORA (Wo)  
1(2) S, Muq., N. Annual.

*Amaranthus hybridus* L. (*A. hypochondriacus*  
L.)  
EX: weed.  
S (Cuf. 1953). Annual.

*Amaranthus lividus* L. (*A. oleraceus* L.)  
N (Cuf. 1953). Annual.

*Amaranthus paolii* Chiov.  
Somalia (Cuf. 1953); Jowhar (Chiov. 1927).

*Amaranthus retroflexus* L.  
RASO-DAMEER (RASU-DEMER) (C)  
EX: weed.  
(1) N; ?maybe CR/S (cf. Cuf. 1953). Forb.

*Amaranthus sparganiocephalus* Thell.  
RAASOOW (HD)  
(2)2 CR,S. Annual.

*Amaranthus spinosus* L.  
EX: weed.  
S (Chiov. 1929). Armed annual.

*Amaranthus thunbergii* Moq.  
Som. (FTEA). Weedy annual.

*Amaranthus* indet.  
MARABBOOB (M)  
CAYO/CAYO GURI (AIYU GURI) (MOG)  
?DHODOC (C)

*Celosia argentea* L.  
(1) S (incl. Cuf. 1953). Annual.

*Celosia polystachia* (Forsk.) Townsend (C.  
*populifolia* Moq. incl. var. *pluriovulata*  
Suesseng.)

NILOOD (MOG)

LILOW (LILOWI, LEY-LO, LALACE, NIHO) (B, C,  
MOG, HD)

MARAHDFUR, MARANPFUR (C, MOG)

LALIS, GED LALIS (G)

ANGAS (C)

HAGAN BAUNE, HAGAU-PAUNE (C, MOG)

RAMAGH REEGIH, RHAMAGH REEGIH (EA)

4(13)14 N, S, CR. Perennial forb, woody forb  
or shrub, may scramble.

*Celosia trigyna* L.

(1) S. Annual scrambler.

*Centemopsis gracilentia* (Hiern) Schinz (? =  
*C. micrantha* Chiov.)

(1)1 S. Annual or perennial.

*Centemopsis kirkii* (Hook. f.) Schinz

(1)1 S. Annual or short-lived perennial.

*Chionothrix latifolia* Rendle

?CR; S (Kazmi 1985).

*Chionothrix somalensis* (S. Moore) Hook. f.

HAGAN or HAGAN-GEL (HAGGAN, HAGAN-GEL) (G, C)

(10) N. Shrub.

*Cyathula coriacea* Schinz (*C. paniculata*  
Haum., *C. polycephala* sensu Chiov. non  
Bak.)

S (Cuf. 1953). Erect to scandent dwarf  
shrub or shrub.

*Cyathula orthacantha* (Asch.) Schinz

(1) CR. Annual woody forb or dwarf shrub.

*Cyathula indet.*

DHEG DHEGO (HD)

*Dasysphaera alternifolia* Chiov.

(1) CR; N (Cuf. 1953). Somewhat scrambly  
shrub.

*Dasysphaera hyposericea* (Chiov.) Townsend  
(*D. breviflora* Townsend, *Chionothrix*  
*hyposericea* Chiov.)

LABACALDOLYAA/LABACALDOLYAALE (LABA ALDOL  
YAAL) (W)

2(10)1 CR, S. Scrambly/scandent shrub (or  
forb).

*Dasysphaera robecchii* Lopr. (*D. tomentosa*  
Lopr.)

GAYDU (G)

MARABBOOB (MARAH BOB) (G)

BULE (C)

DUFFLOD (C)

(1) N mts; S (Cuf. 1953). Shrub (?dwarf  
shrub, woody forb).

*Digera muricata* (L.) Mart. (?) & ssp.

*trinervis* Townsend (*D. alternifolia* (L.)

Asch., *Pseudodigera pollaccii* Chiov.)

FIIDEEY-MALABEEY (FIDEY-MALABEY) (MOG)

ARAB LOHAD, ARAB-LOAD (G, C)

GINEI-MALLOVI (C)

GORIYE HAARIS (HD)

BALANBAAL (if = *D. arvensis*) (M)

4(4) Jowhar, S. Annual.

*Eriostylos stefaninii* (Chiov.) Townsend

(*Centema stefaninii* Chiov.)

GANIR (MOG)

SINEY-MALABEY? (SINEI-MALLOVI) (C)

5(1) CR (Jalalaqsi), Afgooye, S.

Monotypic endemic. Sprawly-erect forb.

*Lopriorea ruspolii* (Lopr.) Schinz

CR (Chiov. 1929); CR, S (FTEA). Somewhat

woody perennial.

*Neocentema robecchii* (Lopr.) Schinz

BALAMBAL/BALANBAL (C)

(6) CR; N (Cuf. 1953). Forb, may clamber.

*Nothosaerva brachiata* (L.) Wight (*Aerva*  
*brachiata* (L.) Mart.)

WANDEEQ (WANDEKH, WANIKH) (G)

RAASOOW (HD)

(1) N; S (Cuf. 1953). Annual.

*Pandiaka lanuginosa* (Schinz) Schinz

(*Achyranthes lanuginosa* Schinz, *A.*

*schinzii* (Standl.) Cuf.)

N (Cuf. 1953). [Subaquatic] straggling or

scrambling perennial.

*Pleuropterantha revoilii* Franch. incl. var.

*rhodoptera* Chiov. (*Psilotrichum*

*ochradenoides* Chiov., also prob. includes

*P. undulatifolia* Chiov., since Townsend

(FTEA) considers the genus monotypic)

LUG-KELIYA (LUK-KELIALE, LUKILIALE, LUKALIALI)

(G, M, MOG, EA)

LUKULIALE GASHAMADIS (EA)  
 GEED XAJIIN (GED HAJIN) (G, M)  
 GEED MACALIN (KH)  
 MACALIN-KAROON (KH)  
 NAGAARDEEY (W)  
 BALA ROR (G)  
 HERIN (G, EA)  
 IBER ROR (G)  
 ILCAS (UL AS, ELAS) (G)  
 NAGAR DIB (EA)  
 1(26)29 CR, N, S. Prostrate, sprawly or  
 erect dwarf shrub.

*Polyrhabda atriplicifolia* Townsend  
 Monotypic endemic. N (Townsend ?1984).

*Pilotrichum amplum* Suesseng.  
 BANDRAGOLE, BANDREGOLE (C)  
 (4) CR; N (Cuf. 1953). Erect or slightly  
 scrambly dwarf shrub or ?woody forb.

*Pilotrichum cyathuloides* Suesseng. &  
 Launert  
 Kenya coast: Kui Is. (22 km from Som.  
 border). Woody perennial.

*Pilotrichum elliotii* Bak.  
 (1) CR; Boni Forest, Kenya thus expected  
 SW Somalia. Mat-forming or scrambling  
 dwarf shrub or woody perennial forb.

*Pilotrichum gloveri* Suesseng.  
 NAGAADH/NAGAAR (NAGAT, NEGAT) (C, MOG)  
 (3) CR, N. Dwarf shrub.

*Pilotrichum gnaphalobryum* (Hochst.) Schinz  
 GEED IRMAAN (GED IRMAN) (MOG)  
 GABASHER (MOG)  
 BANDREGOLE, BANDROGLE (G)  
 LILOW (LILO) (Wo)  
 (3) N, S. Woody perennial forb, may  
 scramble.

*Pilotrichum gracilipes* Hutch. & Bruce  
 N (Cuf. 1953).

*Pilotrichum scleranthum* Thwaites (P.  
*africanum* Oliv.)  
 S (Cuf. 1953). Woody perennial forb or  
 dwarf shrub (shrub), sometimes more or  
 less scandent.

*Pilotrichum sericeum* (Roxb.) Dalz. (P.  
*axillare* C.B.Cl., *P. boivinianum* (Baill.)

*Cavaco, P. sericeovillosum* Chiov. incl.  
 var. *glabratum* Chiov.)  
 3(3)2 CR, Muq., S. Annual.

*Pilotrichum tomentosum* Chiov.  
 GEED-CAD (KH)  
 GEED-DAAF (GEED AAF) (KH, L, W)  
 NAGAAR/NAGAADH (W)  
 3(6)1 CR, just S. Woody forb.

*Pilotrichum virgatum* Townsend  
 (2) N. Endemic.  
 Perennial forb or dwarf shrub.

*Pupalia lappacea* (L.) A. Juss. incl. var.  
*velutina* (Moq.) Hook. f. & var. *glabrescens*  
 Townsend (*P. atropurpurea* (Lam.) Moq., *P.*  
*orbiculata* (Wall.) Wight, *P. sericea*  
 Fiori)

AFKUDUFANLE (KH)  
 MARAKUDHEG (MARAH KUDI, MARAKONDU) (C, G, M)  
 DHEG-DHEGO (DHEY DHEGGO, DHEG-DHEOGO, DEG-  
 DEG, DHEG-DHEGO, DHEG DHEGE, DHEGA DHEGO,  
 DEGA DEGA, DEEG DARO, DAGDAKO, DID-DIC)  
 (C, B, HD, MOG, Wo)

MARABBOOB (MARABOB) (MOG, M, Ali 1986)  
 GEED-BEERED (SAR)  
 SARIIBIYI (SAR)  
 DEDELTA (EA)  
 5(14)1 N, CR, S; var. *velutina* widespread,  
 var. *glabrescens* rare & confined to S.  
 Erect or sprawling(-scrambling) annual or  
 perennial.

*Pupalia robecchii* Lopr.  
 (5) N, CR; S (Chiov. 1929). Endemic.  
 Straggly/scrambly shrub.

*Sericocomopsis pallida* (S. Moore) Schinz  
 GEEDCAD (GED AD) (M, MOG, EA)  
 WANCAD (WANAD, WONAD) (L, M, MOG, EA)  
 JAMBACAAD (KH)  
 SUFUR CAD (KH)  
 RAAMBI (KH)  
 YACAY (YACE, YEI) (B, KH, HD)  
 XAABA CAD (MOG)  
 HARBO (G, L)  
 MURASH (C)  
 KUNYO (L)  
 GASHINCADAADDE (L)  
 BALANBAL-FUL-ADE (Wo)  
 1(19)4(?) N, CR; S (Chiov. 1932). Dwarf  
 shrub.

*Volkensinia prostrata* (Gilg) Schinz  
(1)1 S. Bushy perennial forb or dwarf  
shrub.

GEN. UNKN.  
Beckett 1347, (1194)  
Dwarf shrub.

066 ZYGOPHYLLACEAE  
?Hadidi 1978, FTEA 1985

*Fagonia arabica* L.f. (incl. *F. parviflora*  
Boiss.)  
GODHALE (C)  
GOROYO-KAXAAR/KAXAARIS (GORAZA-KAHARY,  
GORAIYA-KA-HALIS) (C, EA)  
?ARAKAR (C)  
N (Cuf. 1956).

*Fagonia bruguieri* DC. var. *bruguieri*  
IRMAAN<sup>o</sup> RIIJE (L)  
GOROYO-KAXAAR or GORAYO-KAXAARIS (GOROYA-KA-  
XARIS, GOREYA KA HARIS AD, GORIA KA HALIS,  
GORI-E KA HALIS, GOROYU KAGA HARIS) (G, L)  
ADAN AD (G, C)  
DHIRINDHIR (DERENDER) (C)  
(6)3 N incl. Garoowe Dist; possibly CR  
(Buulo Burte). Densely spiny ?annual  
dwarf shrub (or woody forb).

*Fagonia charoides* Chiov.  
GORYO-KAXAARIS (GORIAKAHALIS, GORIA KA  
HALIS) (G, MOG)  
GODEH (EA)  
(3)2 N incl. N of Eil. Armed mostly  
cushion-like dwarf shrub.

*Fagonia harerensis* Hadidi  
CR: 5°34'N 44°11'E. Armed dwarf shrub.

*Fagonia indica* Burm.f. var. *indica* (F.  
*parviflora* Boiss.)  
GOROYO-KAXAARIS (GORIOHAS) (Z)  
(1) Aden. Armed.

*Fagonia isotricha* Muerbeck var. *isotricha*  
(F. *lahovarii* Volk. & Schweinf.)  
(3)2 N, S; N, CR (Cuf. 1956). Armed  
subsucculent dwarf shrub.

*Fagonia migiurtinia* Hadidi  
(1)1 N at Eil. (Sub)succulent dwarf shrub.

*Fagonia* sp.cf. *F. migiurtinia* Hadidi  
AFTOXOLE (EA)  
(1)3 N. Unarmed succulent.

*Fagonia nummularifolia* Bak.  
Djibouti (Cuf. 1956).

*Fagonia paulayana* (L.) Wagner & Vierh.  
N (Kazmi 1985).

*Fagonia* (aff.) *paulayana* (L.) Wagner &  
Vierh.  
(2) N. Woody forb.

*Fagonia schweinfurthii* Hadidi  
GODHALE (Z)  
IRMAAN-RIIJE? (IRMAN RIGI, IRMAAN-RUJE) (Z, EA)  
GOROYO-KAXAARIS (GORAYOKHARIS, GORIYO-KA-  
HALIS, GORAIYOKHARIS, GORIAKHALAS, GOREPK-  
HALIS, GHORIEU KAGA HARIS, GORIA KA RIS)  
(Z, EA)  
ARMAN-ARRA (Z)  
ARRAN-AD (Z)  
(6)13 N, CR. Dwarf shrub or woody forb, can  
be annual.

*Fagonia sinaica* Boiss.  
(1)1 N. Armed.

*Fagonia socotrana* (Balf.f.) Schweinf. var.  
*socotrana* & var. *somalica* Sprague  
BUSKULE? (BASKALLE, BASKALLA) (MOG, EA)  
CASUJRO (MOG)  
AFTOXOLE, AFTHULE, AFTULEH, AFTA  
HOLLAI, AFDHOLE (G, Z, MOG, EA)  
SEED GODXED? (GIED 60G HED, GIAD GOD  
HED) (MOG, EA)  
GOROYO-KAXAARIS (GORAIUKAGA HARIS) (EA)  
LIEDI (Z)  
KHABA GOIS (Z)  
(19)15 N, CR (Ceel Buur). Subsucculent  
dwarf shrub or woody forb.

*Fagonia subinermis* Boiss.  
N (Cuf. 1956).

*Kelleronia bricchettii* Chiov.  
SAXANDHO/GOCONDHO (GAHANDE) (C)  
N, CR (Cuf. 1956).

*Kelleronia eriostemon* Chiov.  
S (Chiov. 1929). Tree.

*Kelleronia gillettii* [gillettiae] Bak. f.

LAL (MOG)

GEED ABOODI (MOG, KH)

GEDDUGE (KH)

GOROYO-KAXAARIS (GORIA KA HALIS) (G)

DIMBILO (C)

HUBNALI (C)

MIJA-CASEEYE (MIJA-ASEYE) (C)

OBACH (C)

CANYO-CEEL (L)

(15)3 CR, N. Woody forb (possibly shrub?)  
with trailing or climbing stems.

*Kelleronia macropoda* Chiov.

S (Cuf. 1956).

*Kelleronia nogalensis* Chiov.

N (Cuf. 1956).

*Kelleronia obbiadensis* Chiov.

KRUSKEL, KRUSKAL (MOG, EA)

IL CAS (ELAS) (EA)

GED-ABODI (EA)

(3)7 CR. Forb, weak-stemmed & straggly.

*Kelleronia quadricornuta* Chiov.

IL CAS (ELAS, ELIASS, IL AS) (G, M, EA)

(12)12 N incl. Laas Caanood. Dwarf shrub &  
shrub.

*Kelleronia revoilii* (Franch.) Chiov. incl.

var. *mucropetala* Chiov.

JALEELO (CHELLELEH) (MOG)

GEL (MOG)

ARMANLE (G)

IL CAS (ULAS) (G)

(9)10 N incl. E of Garoowe. Prostrate  
dwarf shrub, maybe also perennial creeper.

*Kelleronia splendens* Schinz

GAIAD-SAAR (EA)

(2) N; CR (Chiov. 1932); ?also S (cf. Cuf.  
1956). Dwarf shrub.

*Kelleronia* ?n. sp.

Gillett & Hemming 24298

(1) S: 3 km E of Lugh, 3°48'N 42°35'E.  
Shrub, ?dwarf shrub.

*Kelleronia* indet.

IL CAS LEBEYARE (ELAS LEBEYERE) (MOG)

*Seetzenia lanata* (Willd.) Bullock

(*Zygophyllum lanatum* Willd.)

GABALDALINE (Z)

N (Kazmi 1985).

*Tribulus alatus* DC. (possibly misdet?)

GOCONDHO (GONDO) (C)

N (Cuf. 1956).

*Tribulus cistoides* L. var. *cistoides* & var.  
*medius* (Engl.) Cuf.

GOCONDHO (GO-ONDO, GWANDO) (G, M)

GEED ABOODI (KH)

GEED-CAD (GERHAD) (G)

(3)7 N, S. Prostrate perennial or annual.

*Tribulus mollis* Schweinf.

GEED-CAD? (GAHAD) (G)

(1) N. Tiny forb.

*Tribulus terrestris* L. incl. var. *nogalensis*

Chiov. (*T. lanuginosus* L. incl. var.

*microcarpus* Chiov.)

GOOSO (M)

KAXOR (or KAXAR?) (KAHAR, KAHARE, CAAR, CAHAR)  
(B, KH, C, Wo)

GEED-CAD? (GAHET) (MOG)

GOCONDHO (poss. GAXANDHO) (GORONDO, GOONDO,  
GOCONDO, GANDO, GO-ONDO, GONDO, GUANDO,  
GOHONDO) (MOG, L, M, C)

(10)8 CR, N, S. Prostrate annual.

*Zygophyllum album* L. var. *amblyocarpum*

(Bak. f.) Hadidi

DARAN (DURRAN) (M, Z)

DARAN CAD (DARAN AD, DARRAN AD, DURRAN-  
AD (C, G, MOG)

DARAN DAMEEREED (DARAN DAMEIRAD, DARAN  
DAMERED) (Z)

DINAAS (DINAS) (G, M)

(2)1 N coast. Succulent dwarf shrub.

*Zygophyllum decumbens* Del.

AGWARABA (G)

BUSKULE (BASKELLA, BOSKULE, BASKALAH,  
BUSKALA, BASKULA) (M, MOG, Z, G, EA)

(2)6 N. Succulent dwarf shrub.

*Zygophyllum hamiense* Schweinf.

DARAN-CAD (DARRAN-AD) (EA)

N (Kazmi 1985).

*Zygophyllum hildebrandtii* Engl.

AFDAHOLE, AFTAHULE, AFDAHULI, AF-TOHELEN,  
AFGOHODIALEN, AFTOCOLLE, AFTAHOLEY, AFDAHO  
(G, Z, MOG)

BUSKULE? (BAS-KA-LAGO) (MOG)

BAL (G)

BAL-AD (C)

MAUWO (G), MAWO (NWR)

COUATIER (Z)

(10) N incl. Garoe area.

*Zygophyllum migiurtinorum* Chiov.

N (Cuf. 1956).

*Zygophyllum prismaticum* Chiov.

DARAN (DARRAN) (EA)

TARUNDER MAREK (EA)

(5) 6 N. Succulent dwarf shrub, erect or somewhat prostrate.

*Zygophyllum robecchii* Engl.

AFTAKOLLE (C)

LEMADAGA (C)

N (Cuf. 1956).

*Zygophyllum simplex* L.

KAB GOYS (or GABBALGOYS?) (GABA GOIS, KABOH GOYE, KABAGHOIS, KABAGOIS, KABBAGOIS, KABOGH HOIS, KABOGOIS, KABAH-GOYAI) (C, G, M, MOG)

DARAN (DARAAN) (W)

HUB-NACAS (MOG)

HUBO (MOG)

CAHAL (C)

1(13)19 CR, N, S. (Sub)prostrate succulent little annual.

*Zygophyllum somalense* Hadidi

DARAN (DARRAN) (MOG, EA, Z)

DARAN-DAWACO (DARRAN DA WARHO) (MOG, W)

1(5)6 CR, N. Succulent dwarf shrub.

*Zygophyllum* indet.

NAYLA KORIS (M)

DYEN DINARE (MOG)

## 067 GERANIACEAE (incl. DIRACHMACEAE)

FTEA 1971

*Dirachma somalensis* Gillett ined.

Gillett, Kuchar, 17383, Wieland &

Gahair 4064

YABARIEL (KH)

1(3) CR (3° 39' N 46° 04' E; 4° 38' N 47° 41' E).

Endemic.

Dwarf shrub, shrub.

*Geranium arabicum* Forsk. ssp. *arabicum* (G. *simense* A. Rich.)

?N (Cuf. 1956). Perennial.

*Geranium biuncinatum* Kokwaro (G. *yemense* sensu Milne-Redh.)

N (Kazmi 1985).

*Geranium muscatense* Boiss.

(1) N mts. Forb.

*Geranium ocellatum* Camb. (prob. incl. G. *favosum* A. Rich.)

(1) N mts. Annual.

*Geranium trilophum* Boiss. (G. *yemense* Defl.)

N (Cuf. 1956).

*Monsonia angustifolia* A. Rich. (M. *biflora* DC.)

(3) N mts. Forb.

*Monsonia ignea* Schinz

(2) N. Forb.

*Monsonia senegalensis* Guill. & Perr.

N (Kazmi 1985). Subprostrate annual.

*Monsonia uniflora* Chiov.

(1) S of Laas Caanood. Very small rosette forb.

*Pelargonium alchemilloides* (L.) Ait. ssp. *multibracteatum* (A. Rich.) Kokwaro

N mts (Cuf. 1956). Scrambly or subprostrate perennial.

*Pelargonium christophoranum* Verdc.

(1) N. Forb.

*Pelargonium glechomoides* A. Rich.

BERDID (G)

AFTAHOLLI (C)

(3) N mts. Perennial, may scramble slightly.

*Pelargonium quinquelobatum* A. Rich. (P. *somalense* Franch.)

(2) N. Subprostrate perennial.

EXCLUDED:

*Erodium malapoides* Willd. Doubtfully N;  
cited in Glover 1947.

### 069 OXALIDACEAE

FTEA 1971

*Oxalis corniculata* L. var. *corniculata*  
N (Cuf. 1956). Annual-perennial.

*Oxalis radicata* A. Rich.  
Somalia acc. to FTEA. Perennial.

EXCLUDED: *Biophytum* (possibly expected SW?).

### 072 LYTHRACEAE

*Ammania baccifera* L. ssp. *baccifera*  
BIYO-BIES (BIYU-BI-ES, BI-ES, BIYEIS) (G, MOG)  
(1) N; ?poss. CR/S (cf. Cuf. 1959).  
Subaquatic annual.

*Ammania crassissima* Koehne  
N, poss. CR/S (cf. Cuf. 1959).

*Ammania hildebrandtii* Koehne  
S (Cuf. 1959).

*Ammania multiflora* Roxb.  
AGATTER (C)  
S (Cuf. 1959).

*Ammania senegalensis* Lam.  
S (Cuf. 1959).

*Lawsonia inermis* L.  
CILAAN (ALAN, ELAN, ELLAN, ALLAN, ILLAN, ILAN,  
CALAN) (G, KTS, B, MOG, EA, Wo, HD, MIS)  
AALAAN/EELAAN (M)  
CIILAAN-XINNA (Ali 1986)  
MARDHAF (MORDAF) (MOG)  
EYREB (EREB, EIRAB, ERIP, SYRIB, AYRIB)  
(MAC, KTS, G, MOG)  
GEED-DUUR (GHEDUR) (G)  
XINNI (Wo)  
HENNA, HENUN (C, G)  
GOE-MEDEODED, SOHE-MEDEODED (C)  
7(21) CR, N, S. Armed shrub & small tree.

*Nesaea dodecandra* (DC.) Koehne  
S (Cuf. 1959).

*Nesaea radicans* Guill. & Perr.  
BALAMBAL/BALANBAL (EA, MOG)  
1(2)1 S. Annual or perennial, rarely  
woody; in running water.

*Nesaea volkensii* Koehne  
S (Cuf. 1959).

*Nesaea* ?n. sp.  
Gillett & Hemming 24895  
(1) S. Very small annual.

*Pemphis acidula* J.R. & G. Forst.  
S coast (Kazmi 1985). Subsucculent shrub &  
small tree.

EXCLUDED: *Lythrum rotundifolium* A. Rich.  
Cited in Glover 1947.  
*Woodfordia uniflora* (A. Rich.)  
Koehne Cited in Glover 1947.

### 074 SONNERATIACEAE

FTEA 1968

*Sonneratia alba* J.E. Smith  
GEED-MAANYO (GHET-MAGNA) (C) S coast (Cuf.  
1959). Evergreen shrub & small tree; a  
mangrove.

### 075 PUNICACEAE

*Punica granatum* L.  
RUMMAAN (M)  
EX: pomegranate.  
Muq. & Afgoooye; cultivated ornamentally,  
found as escape (Kazmi 1985). Shrub &  
small tree.

### 077 ONAGRACEAE

FTEA 1953

*Epilobium hirsutum* L.  
Doubtfully Ni cited in Glover 1947.  
(?) Perennial forb.

*Ludwigia jussiaeoides* Desv.  
(1) S. Forb.

*Ludwigia perennis* L.  
(1) S. Subaquatic annual.

*Ludwigia* sp.  
Hemming & Deshmukh JESS 86/117  
FIIDEY-MALABEY (HD)  
(0) S: Jubba R. at 0°49'N (K). Tall  
annual.

*Gnidia glauca* (Fres.) Gilg (*Lasiosiphon glaucus* Fres.) Reported from Si; a misdet. possibly of *G. latifolia*, as *G. glauca* is a mid-elev. & montane species)  
FAINKO DAGIS, JADENYU, JEDENYO (G)

081 THYMELAEACEAE  
FTEA 1978

*Gnidia latifolia* (Oliv.) Gilg (*Lasiosiphon latifolius* (Oliv.) Brenan)  
HABLA XAARIIS (HABLA-HARIS) (MOG, B)  
DUDTA XIROW (DUGTA HORIO) (B, MOG)  
AUS UF (MOG)  
CELELO, CELOLO (C)  
(7) Si; also CR (Kazmi 1985). Shrub.

*Gnidia somalensis* (Franch.) Gilg var.  
*somalensis* & var. *sphaerocephala* (Bak.)  
Gastaldo (*Arthrosolen somalense* Franch.,  
*Lasiosiphon somalensis* (Franch.) Pearson,  
*Gnidia glabra* (Pearson) Gastaldo)  
HUNJ ASCHIYA (MOG)  
FINCA DHAZIS, FAINKA-DAJISS, FINCADUCHIS,  
FINKADAGIAK (Z, C, MOG)  
HARA BUNLA, HARA-BANLE, HABBANLEH (Z, MOG)  
FOOD-CASE (MOG)  
MADAX-CASEEYE? (MADA-ASEY) (Z)  
BURTAN (Z)  
HALMUTE (Z)  
USAR (C)  
BALLE (C)  
1(30) N. Dwarf shrub.

*Synaptolepis kirkii* Oliv.  
Boni Forest, Kenya thus expected SW Somalia.  
Woody scrambler.

EXCLUDED:



## 083 NYCTAGINACEAE

*Boerhavia coccinea* Mill.

CAWS MALILAY (AUSMALILAY) (MOG)

DEB-DEG (C)

(4) Muq. & S; also N (Cuf. 1953).

Prostrate creeping annual (?biennial).

*Boerhavia diandra* L.

DEDEPTO (C)

S (Cuf. 1953). Forb.

*Boerhavia diffusa* L. incl. var. *obtusifolia*

Choisy, var. *pubescens* Choisy & var. *viscosa* (Choisy) Cuf. (*B. repens* L.)

GEED IRMAAN (GED IRMAN) (G)

KABA HOOSE (KABOH-HOIS, KABOGOIS, KABOH

HOIS) (G, C)

CAYO/CANYO (AIYU) (MOG)

DALAGH, DALAH (G),

(16) N, S, NE of Muq. Prostrate creeping annual-perennial.

*Boerhavia elegans* Choisy incl. var.

*ellenbeckii* Engl.

GEED IRMAAN (GED IRMAN) (G, L?)

MA ASO (G)

ILCAS (ULA ASO) (G)

ANYAH (HD)

(3) N. Dwarf shrub.

*Boerhavia erecta* L.

GUDUUDOW (MOG)

(7) CR, Muq.; S (O'Brien 1986). Annual.

*Boerhavia viscosa* Lag. & Rodr. (?belongs to

*B. diffusa*)

N (Kazmi 1985).

*Boerhavia* indet.

RIS (KH)

AUS DEGIREN (MAC)

*Bougainvillea spectabilis* Willd.

EX: *bougainvillea*.

Armed woody vine, shrub.

*Commicarpus ambiguus* Meikle

N, Yemen. Forb.

*Commicarpus helenae* (J.A.Schultes) Meikle

(2) CR; S (O'Brien 1986). Sprawling perennial.

*Commicarpus pedunculatus* (A.Rich.) Cuf.

Somalia (Meikle 1978). Sprawling-scrambling ?perennial.

*Commicarpus pentandrus* (Burch.) Heim. (*C.*

*grandiflorus* (A.Rich.) Standl.; probably incl. *C. "boissieri"* (Heim.) Cuf.)

GEED IRMAAN (GED-IRMAN) (C, MOG)

1( ) N (Cuf. 1953), Muq. (Raimondo et al. 1981).

*Commicarpus plumbagineus* (Cav.) Standl. (*C.*

*africanus* (Lour.) Cuf., *C. verticillatus* (Poir.) Standl.)

GEED IRMAAN (GED IRMAN) (MOG)

BUSKULLE? (BASCALLA, BASGALLA) (C)

KOKOBALA (G)

RAMAKRAIJI, RAMAK-RINCHE (C, G)

4(8) N; ?CR/S (cf. Cuf. 1953); Afgooye;

expected CR acc. to Chiov. Scrambling-sprawling perennial.

*Commicarpus reniformis* (Chiov.) Cuf.

DHEGWEYNE (DEGWEYNE) (MOG)

IRMAAN (IRMA NYI) (MOG)

1(7) CR, N. Dwarf shrub, (sub)prostrate woody forb.

*Commicarpus sinuatus* Meikle

(3) N. Trailing or scandent forb.

*Commicarpus squarrosus* (Heim.) Standl.

(7) CR; also N (Cuf. 1953). Erect or scrambling dwarf shrub or perennial woody forb.

*Commicarpus stenocarpus* (Chiov.) Cuf.

(*Boerhavia stenocarpa* Chiov.)

N (Cuf. 1953).

*Commicarpus* indet.

AFKUDUFAN (KH)

DAAB (KH)

CAANAMACAYS (ANA-MAIS) (C)

IL-GAL (MOG)

*Mirabilis jalapa* L.

EX: ornamental.

Muq. (Kazmi 1985). Annual.

*Selinocarpus somalensis* Chiov. (1929) p.284, t.23A.

Thulin 5642 (3 km S of Adado, c6°08'N 46°37'E).

- (1) CR; N (Cuf. 1953). Dwarf shrub, lvs.  
?subsucculent.

088 PITTOSPORACEAE  
FTEA 1966

*Pittosporum viridiflorum* var. *viridiflorum* &  
var. *kruegeri* Cuf. (P. "abyssinicum", P.  
"africanum")

- GEED CAD (GEDAD, GED AD, GED-AD) (G, C, M)  
SHINUR, SCHINUR (C, G)  
(2) N (Cuf. 1954). Evergreen tree.

093 FLACOURTIACEAE  
FTEA 1975

*Dovyalis abyssinica* (A. Rich.) Warb.  
KOSHUM (G, KTS)  
(1) N. Armed shrub & small tree.

*Dovyalis macrocalyx* (Oliv.) Warb.  
Boni Forest, Kenya thus expected SW Som.  
Shrub & small tree.

*Dovyalis verrucosa* (Hochst.) Warburg (D.  
*somalensis* Gilg)  
N (Cuf. 1959).

*Flacourtia indica* (Burm. f.) Merrill  
(1) [is this CR?] S (Kazmi 1985). Spiny  
shrub.

*Lindackeria bukobensis* Gilg ssp. *somalensis*  
(Chiov.) Gillett (L. *somalensis* Chiov.)  
(3) Muq., S. Shrub & small tree.

*Oncoba spinosa* Forsk.  
?AKOKO (G)  
BULISANGA (G)  
S (Cuf. 1959). Shrub & small tree.

*Rawsonia lucida* Harv. & Sond. (R.  
*transjubensis* Chiov.)  
S (Chiov. 1932). Shrub & tree, may  
scramble.

096 CISTACEAE

*Helianthemum cylindrifolium* Verdc.  
(1) N mts. Succulent dwarf shrub.

*Helianthemum hadedense* Thulin (syn?)  
(1) N (mts). Dwarf shrub.

*Helianthemum humile* Verdc.  
N (Kazmi 1985).

*Helianthemum somalense* Gillett  
GEED CAD (GEDAD) (C)  
WANCAD (WANAD) (C)  
(1) N. Dwarf shrub.

*Helianthemum stipulatum* (Forsk.) C. Chr.  
Djibouti. [JBG]

098 TAMARICACEAE  
FTEA 1966

*Tamarix aphylla* (L.) Karst.  
DHUUR (DURR, DUR) (C, MOG, M, MIS)  
DOCAN, DOKAN (C)  
GOHR, GOL (C)  
(3) N, S: ?also CR (cf. Cuf. 1959).  
Evergreen tree.

*Tamarix arborea* (Ehrenb.) Bunge  
N (Cuf. 1959).

*Tamarix* cf. *mannifera* Ehrenb.  
(1) N. Tree.

*Tamarix nilotica* (Ehrenb.) Bunge  
DHUUR (DORA, DHOR, DUR, DHURR, DOR, DOT, DURR, DHUR,  
DORR, DURTEH) (C, M, CAS, MOG, KTS, G, W, EA, NWR)  
1(9) CR, N. Evergreen shrub & bushy tree.

*Tamarix scebelensis* Chiov. [spec's?]  
S (Cuf. 1959). Tree.

*Tamarix socotrana* Vierh.  
CR (Cuf. 1959).

*Tamarix* indet.  
SHAWRI (HD)

## 101 PASSIFLORACEAE

?de Wilde 1971, FTEA 1975

*Adenia aculeata* (Hook. f.) Engl. ssp.  
*aculeata* & ssp. *manganiana* (Chiov.) de  
 Wilde (*A. manganiana* Chiov.)

LAMAGOOYAN (LAMA GOOYE, LAMAGOIA, LAMAGOIE,  
 LAMAGOYAN) (G, M)

HAAN-DHURWAA (MOG)

DALA-MADDOH (G)

KELLI (MOG, M, C?)

BOCOL-BARRE (C)

GEDABES (C)

AGIROT (C)

GURUNLE (C)

1(11) CR, N, S (incl. Cuf. 1959). Armed  
 woody vine.

*Adenia ballyi* Verdc.

(5) N, CR, S (Balcaid). Armed leafless shrub  
 with massive swollen boulder-like base.

*Adenia ellenbeckii* Harms (*A. vitifolia*  
 Hutch. & Bruce)

GEED DHALLAAN (GED DALAN) (G, M)

DALAN-MADDOH (DALAM-MADDOH) (G)

DALAN KA WARERI (G)

DALANLAIYE (G)

(2) S incl. just S (Hoddur); CR (Chiov.  
 1929); N, CR, S (Cuf. 1959). Erect or  
 climbing succulent perennial woody forb  
 or (dwarf) shrub from a swollen base.

*Adenia globosa* Engl. ssp. *globosa*

ADAH, ADAI (C, G)

DALAN-KA-WARERI (Z)

N, S (Cuf. 1959) but only SW corner acc. to  
 J.B. Gillett (pers. com.), most N & CR  
 material assignable to *A. ballyi*.  
 Succulent more or less woody vine.

*Adenia keramanthus* Harms

(1) S. Succulent perennial.

*Adenia venenata* Forsk.

OONBA, UMBA (MOG, B)

LAMAGOOYAN (LAMA GOOYE, LAMAGOIYEN) (G, M)

LAMAGOOS (LAMMAGOIS) (G)

CADAAD-MADDOH (ADAD-MEDU, ADAHI MEDU) (G)

DALANLAIYE, DILAN LAI (G)

ADAH (C)

GARE? (GORI, GORRI) (C)

(4) S, N. Swollen green conical trunk to 1  
 m & climbing tendrillate branches.

*Adenia volkensis* Harms

S (Cuf. 1959). Subsucculent woody perennial  
 forb.

*Adenia* indet.

CADAAD? (ANDAUT) (C)

KARBISS (C)

*Basananthe berberoides* (Chiov.) de Wilde  
 (*Carania berberoides* Chiov.)

(3) N, CR. Well-armed aromatic shrub.

*Basananthe hanningtoniana* (Mast.) de Wilde  
 (*Tryphostemma hanningtonianum* Mast.)

?S (Kazmi 1985). Annual-perennial vine.

*Basananthe lanceolata* (Engl.) de Wilde

S (Kazmi 1985). Annual-perennial, may  
 sprawl.

*Basananthe merolae* Raimondo & Moggi (1985)

(1) CR: Jalalaksi (3° 25' N 45° 39' E); Muq.  
 (fide J.B. Gillett). Sprawly odorous vine.

*Basananthe spinosa* de Wilde (maybe = *B.*  
*berberoides*?)

DIB WEYN (MOG)

(1) N. Tangled spiny shrub, fragrant when  
 bruised.

*Basananthe* n. sp.

Gillett et al. 22078

(1) CR: 7° 08' N 48° 52' E. Armed dwarf shrub.

*Basananthe* ?n. sp.

Gillett et al. 25110

(1) S: 1° 01' S 41° 42' E. Forb (vine?).

*Passiflora* (cf.) *foetida* L.

EX: passion fruit.

2(2) Afgooye, Merca, Muq. Annual or  
 biennial vine.

*Schlechterina mitostemmatoides* Harms

Boni Forest, Kenya thus expected SW Som.

Tendrillate (?) evergreen woody vine.

103 CUCURBITACEAE  
FTEA 1967

*Cephalopentandra ecirrhosa* (Cogn.) Jeffrey  
(*C. obbiadensis* Chiov., *Coccinia quercifolia* Hutch. & Bruce)  
(1) CR; N (Cuf. 1965); prob. S. Perennial trailer & vine.

*Citrullus colocynthis* (L.) Schrad.  
(*Colocynthis vulgaris* Schrad.)  
GARE (CARA, GAREB) (G)  
GARE-DAMEER (GARE-DAMER) (G)  
(1?) N; CR (Chiov. 1929); N, CR, S (Cuf. 1965). Creeping perennial.

*Citrullus lanatus* (Thunb.) Matsum. & Nakai  
(*Citrullus vulgaris* Eckl. & Zeyh.)  
GESOLE (G)  
UNOON, UNUN (MOG)  
GARE (GAREH, GHAR, KHAR) (C)  
HONGUERI (Wo)  
S (Cuf. 1965). Mostly creeping annual, occasionally a vine.

*Coccinia abyssinica* (Lam.) Cogn.  
(1) N. Vine.

*Coccinia adoensis* (A. Rich.) Cogn.  
NE mts. (col. M. Thulin fide J. B. Gillett).

*Coccinia grandis* (L.) Voigt (*C. moghadd* (J. F. Gmel.) Schweinf., *C. cordifolia* Cogn., *C. palmatisecta* Kotschy)  
ILGAAL/ILGEEL (ILGAL) (G, M)  
KURAARIY, KURARE (B)  
ROOXO (ROHO, RO HO, RA HA RO HO, RO-HO, ROH, RUHO, RAHA-ROHO, ROHOR) (G, C, M, MOG)  
ALONDODDY (ALANTODDY, ALOONDEEY, ALUNDUI) (C, MOG)  
CALEEMDOOLEEY (MOG)  
GUD MOON (G)  
SAAR (SAR) (G)  
SAARSAAR (SARA-SARA) (G)  
SAR GUDUN (G)  
GUUD-FAYLEEY (SAR)  
4(10) CR, S, Muq.; N, S (Cuf. 1965).  
Perennial climber or trailer to 20 m.

*Coccinia longepetiolata* Chiov.  
S (Cuf. 1965). Vine.

*Coccinia* sp. 'E' of FTEA (may = *C. longepetiolata*)

Boni Forest, Kenya thus expected SW Som. Vine.

*Coccinia* indet.  
HONGUERI (Wo)

*Corallocarpus ellipticus* Chiov.  
S (Cuf. 1965); expected CR? Perennial vine.

*Corallocarpus epigaeus* (Rottl.) C. B. Cl. (*C. corallinus* (Naud.) Cogn.)  
CR (CRS?); S (Cuf. 1965); N (K). Perennial.

*Corallocarpus schimperii* (Naud.) Hook. f.  
incl. var. *somalensis* (C. brevipedunculatus Gilg, *C. ehrenbergii* [Cuf. p1035 for auth?], *C. elegans* Gilg, *C. erostris* (Schweinf.) Hook. f., *C. pedunculatus* (Naud.) Cogn.)  
SAARSAAR (SARSAR) (C)  
N, S (Cuf. 1965). Perennial vine.

*Corallocarpus* indet.  
DEFODUAT (Wo)

*Cucumella kelleri* (Cogn.) Jeffrey (*C. robecchii* Chiov.)  
ANEEX/ANEEXO/UNEEXO (ANEKO, HANEHOH, ONEHO, UNEHO) (G, M, KH)  
1(2+)1 CR; also S (Cuf. 1965). Straggling or climbing subprostrate perennial.

*Cucumis dipsaceus* Spach  
GAMBOOL (GOMBOL) (Ali 1986, MOG, G)  
GAMBOOL DIBADEED (M)  
GAMBOOL GURI (KHAMBOL GURI) (G, M)  
FIRARI (C)  
GAL-FOON (HD)  
GARUN-JO (HD)  
GAREDAMEER (CARA DAMER) (G)  
3(1)1 N, S, Afgooye; CR (Chiov. 1929).  
Creeping annual or biennial.

*Cucumis figarei* Naud. (*C. pustulatus* Hook. f., *C. "ficifolius"*)  
GANBOOB (CAMBOB) (G, KH)  
GAMBOOL (M)  
BUDDOOLSARGE (MOG)  
SAAR, GEED SAAR (GED SAR) (MOG)  
GARUUNTI (MOG)  
DABAXIR? (DABAHIR) (G)  
DAMEROT (G)  
CALFON (C)

DARE (GARRE) (C)

DARE-DAMEER (GARE-DAMERE) (C)

fr: CURARI (C)

(4) CR; N,S (Cuf. 1965). Creeping perennial. N,S (Cuf. 1965). Climbing & trailing perennial.

Cucumis halabarda Chiov.

QANBOOB, GAMBOOB (KH,W)

GEED GAMBOOB (KH)

QANBOOB-BANAAN (KH)

GEED XAMAR (GHED-HAMAR) (G)

1(7) CR, Creeping forb.

Cucumis melo L.

CORONGI (C)

EX?

S (Cuf. 1965). Creeping (scrambly) annual.

Cucumis metuliferus Naud.

GHALFON (C)

S (Cuf. 1965). Annual vine or creeper.

Cucumis prophetarum L. ssp. prophetarum & ssp. dissectus (Naud.) Jeffrey

GESOLE (G)

QAREDAMEER (CARA-DEMER) (C)

UNUN-HAMAD (C)

ALFON (C)

GEED XAMAR (GHED-HAMAR) (C)

GAMBOOB DAMEER CAD (W)

2(3) CR incl. coast; CR,S (Cuf. 1965).

Annual-perennial climber or trailer.

Cucumis indet.

KU REHRE (B)

DABAHEER, DAMEERAAI (MOG)

Cucurbita moschata (Lam.) Poir.

EX?

N (K). Annual.

Cucurbita pepo L.

BOCOR (BOHOR) (C)

EX.

S (Cuf. 1965). Creeping forb.

Cyclatheropsis parviflora (Cogn.) Harms

(Gerrardanthus parviflora (Cogn.) Harms,

G. aethiopicus Chiov.)

?Maybe S Som. ?Woody vine.

Dactyliandra stefaninii (Chiov.) Jeffrey  
(Trochomeria stefaninii (Chiov.) Jeffrey,  
Coccinia stefaninii Chiov.)

ARUNDO (ARUNDO) (C)

S (Cuf. 1965). Perennial vine.

Eureiandra cogniauxii (Gilg) Jeffrey (E.  
parvifolia Chiov.)

S (Cuf. 1965). Perennial vine.

Eureiandra somalensis (Chiov.) Jeffrey  
(Momordica somalensis Chiov.)

S,CR (Cuf. 1965). Woody vine.

Kedrostis abdallai A.Zimm. (K. leloja sensu  
FTEA non (J.F.Gmel.) Jeffrey s.str.)  
N,S (K). Creeping & scrambling perennial.

Kedrostis foetidissima (Jacq.) Cogn.

TUKALLALMIS (TUCOLOLMIS) (G,M)

(1) S; NE Bay Region (O'Brien 1986).  
Perennial vine & creeper.

Kedrostis gijef (J.F.Gmel.) Jeffrey

(Corallocarpus gijef (J.F.Gmel.) Hook.f.;  
not K. glomeruliflora (Defl.) Jeffrey)

?WAME (KH)

SAAR (MOG)

ARANDOOLEY (KH)

(7) N,CR,S. Woody vine, occasionally  
creeping/sprawling.

Kedrostis leloja (J.F.Gmel.) Jeffrey

(Kedrostis hirtella (Naud.) Cogn.)

(1) Prob. N. Creeping & scrambling  
perennial.

Kedrostis indet.

ENAHA (Wo)

Lagenaria siceraria (Molina) Standley

(Adenopus abyssinicus Hook.f. var.  
somalensis Chiov. in part)

1( ) S (Cuf. 1965). Perennial climber or  
trailer.

Lagenaria sphaerica (Sond.) Naud. (Adenopus  
abyssinicus Hook.f. var. somaliensis  
Chiov. in part)

S (Kazmi 1985). Strong perennial climber or  
trailer.

Luffa cylindrica (L.) M.J.Roem.

MADAXDOKI? (MADODOKI) (C)

EX.  
S (Cuf. 1965). ?Perennial vine or trailer.

Momordica balsamina L.  
SAAR-GURUN?(SAR-GURUN)(C)  
3( ) Muq., Afgooye; N,S (Cuf. 1965).  
?Creeping & climbing forb.

Momordica boivinii Baill.  
Expected Somalia. Perennial vine & trailer.

Momordica charantia L.  
SAAR(MOG)  
(1) N. Annual vine & trailer.

Momordica cymbalaria Hook.f. (M. tuberosa  
(Roxb.) Cogn., Kedrostis malvifolia  
Chiov.)  
(1) S. Trailing perennial.

Momordica dissecta Bak.f.  
DABAYOOD (DABAYOD, DOMBAYOD, DABA-YOD,  
DAMBAYOT, DOMBAYOD) (G, MOG, M)  
(4) N. Probably prostrate.

Momordica foetida Schumach.  
N (Cuf. 1965). ?Perennial somewhat woody  
vine & trailer.

Momordica macrosperma (Cogn.) Chiov.  
(Kedrostis macrosperma Cogn.; K.  
nogalensis Chiov., Momordica bricchetii  
Chiov.)

MADAXBUG?[or MADAX BUSHAR?](MADABUGH)(C)  
MADAXBENE?(MADABENE)(C)  
N (Cuf. 1965).

Momordica rostrata A.Zimm.  
S (Kazmi 1985). Somewhat woody vine.

Momordica sessilifolia Cogn. (M. stefaninii  
(Chiov.) Cuf., Raphanocarpus stefaninii  
Chiov.)  
GASANGAS(or GUSUNGUS?)(GASSANGAS,GASANGUS)  
(G,MOG,Wo)  
(4) CR; N,CR (Cuf. 1965). ?Annual [not  
annual acc. to K] twiner, older stems  
probably woody.

Momordica spinosa (Gilg) Chiov. (M.  
brevispinosa (Cogn.) Chiov., Kedrostis  
spinosa Gilg)

MADAX BUSHAR(or MADAX BUSH?)(MODA  
BISCIAR, MADDABOHK, MADDABOK, MADACH-  
BOCH, MATHAHABUK, MADA-HABOK) (G, C, KH, W, Wo)

DABAYOOD (KH)  
MESKAX/MESKAKH BUG (MUSKABOK, MASKAHABOK,  
MISKABOK, MISKAHABOK, MUSKAHBUG) (G, MOG, M)  
WARETILI(Wo)  
fr: SAABUU DHEELEED, SABOON DU LED(B)  
2(12)1 CR,S; N,CR,S (Cuf. 1965). Armed  
woody vine or sprawly dwarf shrub.

Momordica trifoliolata Hook.f.  
DHUUDHUUB(KH)  
ILGAAL/ILGEEL (ILGAL) (G,M)  
MADAX BUSHAR(MADAPISCIAR)(G)  
SAARSAAR(SARSARE)(C)  
2(1) Afgooye; CR (Chiov. 1934); S (Cuf.  
1965). Perennial vine & trailer.

Momordica sp. 'A' [of FTEA?]  
Thulin & Warfa 5272  
(1) S: Balcad. Vine, lvs (may) blacken on  
drying.

Momordica sp. 'B' of FTEA  
S (Kazmi 1985).

Momordica indet.  
fr: ROOXO(ROHO)(MOG)

Oreosyce sp. 'A' of FTEA  
Boni Forest, Kenya thus expected SW Som.  
?Annual vine.

Peponium vogelii (Hook.f.) Engl.  
(1) S. Perennial vine & trailer.

Telfairia pedata (Sims) Hook.  
EX.  
Cultivated in Somalia (Cuf. 1965).

Zehneria pallidinervia (Harms) Jeffrey  
Kolbio, etc. in NE Kenya, thus expected SW  
Som. Small perennial creeper-climber.

Zehneria peneyana (Naud.) Aschers. &  
Schweinf.  
Boni Forest, Kenya thus expected SW Som.  
Creeper.

Zehneria scabra (L.f.) Sond.  
Trop. Africa, Arabia, etc. Perennial vine &  
trailer.

EXCLUDED:

Cucumis ficifolius O. Rich. Plants so named from Somalia are actually C. figarei Naud.  
Kedrostis glomeruliflora (Defl.) Jeffrey  
Actually K. gijef (J.F. Gmel.) Jeffrey  
Lagenaria abyssinica (Hook. f.) Jeffrey

106 CARICACEAE  
FTEA 1958

Carica papaya L.  
BABBAAY (MAFFAFAI) (C)  
EX: papaya.  
Cultivated N, CR, S (Cuf. 1959). Small unbranched tree with milky sap.

107 CACTACEAE  
FTEA 1968

Opuntia ficus-indica L.  
TIIN (M, Ali 1986)  
TIIN-HINDI (M)  
QUECIS (M)  
EX: cactus.  
CR, S, N? Armed leafless erect perennial succulent, developing into shrub-like masses to 4 m high.

Opuntia spp. Probably 2 or more additional species introduced into Somalia (Kazmi 1985).

114 OCHNACEAE

Ochna inermis Penzig  
HAMIR (KH)  
QOQOBLE (KH)  
UL-GUDUUD (ULGUDUG) (B, MOG)  
GUDUUD (GUDUD) (G)  
LAF DU JIT (B)  
LEBI WANDIID (B)  
SAREEDO (MOG, B)  
LUF (MOG, B)  
ALOLGI, OLOLGI (G, MOG)  
BEGAH, BIEGHA, BIEGA (G, MOG)  
ERGATANENJA (G)  
GUDUUD-MADOONE? (GHEDUD-MADDOVI) (C)

GO-GOON (Wo)  
(12) CR, S; also N (Cuf. 1959). Shrub

Ochna mossambicensis Klotzsch  
KURUN-DEY (MOG)  
(3) 1 S, Balcad. ?Evergreen shrub.

Ochna ovata D. Hoffm.  
GUDUUD-MADOONE (GADUUD-MADOONE) (HD)  
1 ( ) 1 S. Evergreen shrub.

Ochna thomasiana Engl. & Gilg  
(2) 1 S. Evergreen shrub.

Ochna indet.  
KURUN DOY, KURUN DEY (B)

EXCLUDED:  
Ochna leucophloeos Rich. MAJABE  
(MAGGIABI, MAGGIABE) (C, G) S (cf. Cuf. 1959); does not occur in Somalia.

118 MYRTACEAE

Eucalyptus camaldulensis Dehnh.  
BAXAR SAAF (MIS)  
EX.  
Introduced recently & grown mostly on dunes (Kazmi 1985).

Eucalyptus globulus Labill.  
EX.  
S (Cuf. 1959). Tree.

Eucalyptus torelliana F.v. Muell.  
Hemming & Deshmukh JESS 86/167  
EX.  
S: Jubba R. Tree.

Eucalyptus spp.  
The Amharic BAXARSAAF is used (M).

Eugenia caryophyllus (Spreng.) Bull. &  
EX.  
S. Tree, widely cultivated in the tropics (Cuf. 1959).

Eugenia jambos L.  
EX.  
Fr edible; introduced in N Som., widely cultivated in tropics (Kazmi 1985).

*Eugenia somalensis* Chiov. (syn?)  
S (Cuf. 1959).

*Psidium guajava* L.  
SEYTUN (ZEITUM, SEYTUN) (C, MIS)  
EX: guava.  
Small tree. Cultivated in most larger towns; fr eaten & used for juice (Kazmi 1985).

*Syzygium guineense* (Willd.) DC.  
SE-ED (MOG)  
DAIR (C)  
(1) N; S (Chiov. 1932); prob. cultivated in S (Cuf. 1959). (?) Evergreen tree.

### 119 LECYTHIDACEAE

*Barringtonia racemosa* (L.) Roxb.  
DE-QUEN (C)  
S (Cuf. 1959). Shrub & small tree.

### 120 MELASTOMATACEAE FTEA 1975

*Memecylon amaniense* (Gilg) A. & R. Fernandes  
(1) S. Shrub.

*Memecylon verruculosum* Brenan  
Boni Forest, Kenya thus expected SW Som.  
Shrub.

### 121 COMBRETACEAE FTEA 1973

*Combretum aculeatum* Vent. (C. *angustipetalum* Chiov., C. *denhardtiorum* Engl. & Diels, C. *mardaf* Chiov., C. *stefaninianum* Pampan.)  
MARDHAF (MARDAF) (G, HD, M)  
MASKAX/MESKAX BUQ (MASKABUQ) (G, M)  
SHOLASHOLAH (M)  
CIDDI SHABEEL (CIDI-SHABEEL, EDDI SHEBEL) (HD, KTS)  
CIDDI LIBAAX (IDILIBAH) (Wo)  
MAJABE (MAJABBA) (KTS, MIS)  
REALAJUB (MOG)  
HRIO LAJAB (G)

ISWUD (G, MOG)  
SHUNA SHUNA (G)  
JOLO-SHABEEL? (JOLO-SCIBEL) (C)  
2(9)4 N, CR, S. Compact or rambling, scrambling, mostly armed shrub.

*Combretum angustipetalum* Chiov.  
Muq. (Chiov. 1932). Armed with curved spines.

*Combretum constrictum* (Benth.) Laws.  
DINGA, INCA INCA, DIMGA (C)  
(2)1 S. Shrub, woody scrambler, may be considered armed.

*Combretum contractum* Engl. & Diels (C. *multiflorum* Pampan.)  
SOROQ/SURUQ (KH)  
SOROQ-GOOGOON (KH)  
MAJABE (MAJAB, MAJIB) (B)  
CILAAN (ELAN) (C)  
1(4)1 CR, S. Shrub.

*Combretum copaliferum* Chiov.  
S (Cuf. 1959).

*Combretum exalatum* Engl. (C. *sennii* Chiov.)  
(2) S. Scandent shrub.

*Combretum greenwayii* (W. A. Kew)  
GOOON (GOO GOON) (HD)

*Combretum hereroense* Schinz ssp. *hereroense*, ssp. *volkensii* (Engl.) Wickens & ssp. *grotei* (Exell) Wickens (C. *usaramense* Engl., C. *volkensii* Engl.)  
GOOON/GOOGOON [maybe also GOGON] (GO-GON, GON GON, COCON, GOO-GOON, QOO GOON, GOR GON, GO GOORN, KOKONI, GOR-GOR, GO GAU, GO GOU, GOGAU, GOGOU) (C, MOG, B, KTS, G, C, SAR, M, Wo)  
SIRSO (KTS)  
(15) S, CR. Shrub or small tree.

*Combretum illairii* Engl.  
?MAITAM BUUG (HD)  
1(2)1 S. Shrub & liane [to 12m, diam. to 25cm].

*Combretum minimipetalum* Chiov.  
Just S.

*Combretum molle* G. Don (C. *ferrugineum* A. Rich.; incl. C. *trichanthum* Fresen.)  
ABOL, OBOL (MOG)



OBAH (C)

(8) 1 S, Afgooye, Ni N, CR, S (Cuf. 1959).  
Small tree.

*Combretum padoides* Engl. & Diels  
Boni Forest, Kenya thus expected SW Som.  
Woody vine, shrub, small tree.

*Combretum paniculatum* Vent. ssp. *paniculatum*  
(1) CR; N (Kazmi 1985). Armed woody vine,  
possibly scrambling shrub. *not at KW*

*Combretum schumannii* Engl.  
Boni Forest, Kenya thus expected SW Som.  
Tree & shrub.

*Combretum somalense* Engl. & Diels (a form  
of *C. molle*?)

OBDEL (C)

(1) N. Tree.

*Combretum* indet.

JAIIB, JA IB (B)

COBOL (NWR)

*Conocarpus lancifolius* Engl. & Diels  
(? *Anogeissus lancifolius*)

DHAMAS (DAMAS, DAMASS, DAMMAS, SAMMAS) (C, G, MOG)

HADETI, HODETI (G, MOG)

(10) N, & widely planted S. Evergreen  
tree.

*Quisqualis littorea* (Engl.) Exell  
Somalia, prob. SW. Scrambling shrub or  
woody vine, sometimes more or less armed.

*Terminalia basilei* Chiov. [sp. 9c, 9d in  
Griffiths 1959]

HAREERI (K)

CR: 4° 46' N 45° 31' E, 6° 07' N 48° 40' E (K).

Tree, near *T. polycarpa*.

*Terminalia brevipes* Pampan. (*T. balladellii*  
Chiov.)

EYREB/EEYREB? (EIREB, EIRAB, EREP, HEIREB,  
AYRAB, EEREB, EYRIB) (C, M, KH, HD, M, SAR, MOG)

? GIOAR-EILE (C)

CILAN (ALLAN) (HD)

IIRAB (G)

? HARERI (HD)

S(3)3 S, CR. Armed evergreen tree or shrub,  
sometimes scandent.

*Terminalia brownii* Fresen. incl. var.  
*gallaensis* Diels

WEB, WOB (B, MOG)

FARDAAN (FARDAHN) (MOG, B)

ABGO, ADGO (B, MOG)

HAREERI\_BIRIS (HARERI BIIRIS/BIRESS) (KTS)

AIJA WEYNE? (AIJA WEINI) (G)

ALULO (G)

TEYEG/TEJEG (TIGGEC) (C)

(8) S, N. Tree.

*Terminalia catappa* L.

BEYDAAN (BIDAN) (C, M)

EX: Indian or bastard almond.

Muq. & S (incl. Kazmi 1985). Tree.

*Terminalia orbicularis* Engl. & Diels (*T.*  
*praecox* Engl. & Diels, *T. ruspolii* Engl. &  
Diels)

BISIQ (BISIKH, BISIK, BISSEK, DHISIQ, BISAC,  
BESSEK, BISAAC, BISAQ, BISEK, BIZEK,  
BESSEK, BISSAK, BISSIK) (B, SN, M, G, L, KTS,  
MIS, Wo)

KOR' GUB (KTS)

RO' O (KTS)

DENG (KTS)

HAREERI (HARARI, ARARI, KARARI) (C, G, L, M)

? LEBI (LEHBI) (G)

(7) N, CR, S (incl. Cuf. 1959). Large shrub  
or usually tree, can sprawl.

*Terminalia parvula* Pampan.

MEYGAAG (MEGAG) (G, M, KH)

MASSAR-JABBIS, MASSAR-JIBBIS, MASSARE-GEVIS,

MESSERE-GEVIS (C, KTS)

GISI-REEB (GISAREEB, GESAREEB) (MOG, B)

GURDHUBO (HD)

HARIR (Wo)

(3)2 S; CR, S (Cuf. 1959). Shrub or small  
bushy tree.

*Terminalia polycarpa* Engl. & Diels (*T.*  
*kelleri* Engl. & Diels)

HAREERI (HARARE, XAREERI, ARAIRIA, HARAIRI,  
HARIRI, HARERI, HARERE, HERERI, ARERI, AREN,  
ERERI) (G, MOG, KTS, B, M, W, EA, Wo, Ali 1986)

XARAR (HARAR, ARAR) (G, C)

TEYEG/TEJEG (TIYEEG, TI EG, TEJEC, TEIEC) (G, C, B)

GABRON, GUBRI (G)

? EYREB (EEREB) (HD)

? LEBI (LEHBI) (G, M)

2(13)2 CR, N, S (incl. Cuf. 1959). Tree,  
(shrub).

*Terminalia prunioides* Laws. (*T. holstii* Engl., *T. somalensis* Engl. & Diels)

HAREERI (HARERI, ARERI, CARERI, HARAYRI)  
(M, M, MOG, G, C)

TEYEG/TEJEG (TIYES, TI E, TI-E) (MOG, B)  
CORDOBO, ORDOBO (C)

1(9)1 S, CR, N. Tree to 10(15) m, also can be a shrub.

*Terminalia spinosa* Engl. (*T. bispinosa* Schweinf. & Volk., *T. robecchii* Chiov.)

XARAR (HARAR, HARA) (M, M, C, K, B, MOG, KH, W)

HAREERI (HARERI, ARERI) (M, KH, MOG, C)

HARAR BUGA, HARA BOGA (B)

?LEBI (LEBY) (MOG)

2(8) CR, S. Armed low shrub or tree to 10(20) m.

*Terminalia* indet.

GABRO (MIS)

#### EXCLUDED:

*Combretum collinum* Fresen. Cited in Glover 1947; doubtfully N.

*Terminalia boranensis* Engl. (*nomen nudum*) S (Cuf. 1959).

#### 122 RHIZOPHORACEAE

FTEA 1956

*Bruguiera gymnorrhiza* (L.) Lam.

GANDAL (GANDEL) (C)

MSINDI (C),

MUIA (Z)

S (Cuf. 1959); also Muq. & N (Kazmi 1985).

Small evergreen shrub & tree; a mangrove.

*Cassipourea euryoides* Alston

Boni Forest, Kenya thus expected SW Som.

Tree.

*Cassipourea malosana* (Bak.) Alston (*Weihea avettae* Chiov., *W. salvago-raggii* Chiov.)

SUK (Z)

N (Cuf. 1959). Tree.

*Cerriops tagal* (Perr.) C.B. Robinson (C.)

*somalensis* Chiov.)

SHORI-MADOW? (SCIORI-MEDU) (C)

MCANA (C)

Muq. & S (Chiov. 1932). Small tree & shrub; a mangrove.

*Rhizophora mucronata* Lam.

GANDAL (KANDALO, GANDOLO, GONDOLO, GANDEL,

KHANDOLE, GANDALLO, MCANDA, GANDOLA, KHANDOLA)

(MOG, G, C, Z)

SHORI-GUDUD? (SCIORI-GUDUD) (Z)

(1) N; Muq. (Chiov. 1932). Evergreen shrub & small tree; a mangrove.

#### 123 HYPERICACEAE

FTEA 1953, 1978

*Hypericum peplidifolium* A. Rich.

HRIO LAJAB (G)

?Possibly N; cited in Glover 1947.

Prostrate perennial.

*Hypericum quartinianum* A. Rich.

GANGE (G)

RIGA GANZE (G)

?Possibly N; cited in Glover 1947. Shrub

(small tree).

*Hypericum somaliense* Robson

N (Cuf. 1959).

*Hypericum synstylum* Robson

HRIA LAJAB, HRIABAJAT (MOG, Z)

(1) N. Shrub.

#### 126 GUTTIFERAE

FTEA 1978

*Calophyllum inophyllum* L.

Prob. EX.

N (Cuf. 1959). Tree.

*Garcinia livingstonei* (G. *affinis* Chiov., *G. ferrandii* Chiov.)

SHANFAROOD/SHANFARIYOOD/SHANFARINYOOD

(CIANFAROD, CIANFEROT, CIANFRUT, SCEN

FORGNIOL, SCIANFAROT, CIANFRUT, SCENFAROD,

SCIANFAROD, SHANFARYOOD) (C, G, HD, M, SAR, MOG)

SCENFORGNOL (C)

LEBELLAMALA, LEBELLAMMELU, LEBELLEBELU (G, C)

fr: BIYOBAAHAL? (BIOBAHAL) (C)

FARGAAN (HD)

1(3) S, CR. Evergreen tree.

## 128 TILIACEAE

*Carpodiptera africana* Mast.

Boni Forest, Kenya thus expected SW Som.  
Small tree.

*Corchorus aestuans* L. (*C. acutangulus* Lam.)  
CR (Pol. & Chiov. 1934); S (Cuf. 1958).  
Subprostrate annual.

*Corchorus baldaccii* Mattei  
~~CAMS-CAGARE?~~ (OS-AGARE) (C)  
S (Cuf. 1958), but a very doubtful species  
acc. to Cuf. Dwarf shrub, woody forb.

*Corchorus cinerascens* Defl. (*C. bricchettii*  
Weimarck)

~~MARA MADOMBEYE~~ (MADOMADOBEYE, MARA-MADO-  
BEYE) (G, M, MOG)

~~DHAYODHABE, DHAAYADHABE~~ (MOG)

~~CADAR~~ (ADAR) (G)

~~GICAD~~ (DIROD, DIRROD) (G, KH)

~~BALANBAL / BALAMBAL~~ (KH)

~~GEED CAD~~ (KH)

~~TODHADDE~~ (C)

~~DUHRUD~~ (C)

1(18) CR; N (Cuf. 1958). Dwarf shrub,  
woody forb.

*Corchorus depressus* (L.) C. Chr.

~~BARAR KURIS~~ (G)

~~WANIR~~ (G)

(8) CR; N, S (Cuf. 1958). Woody forb, dwarf  
shrub.

*Corchorus erinaceus* Weimarck (*C. hirsutus*  
sensu Chiov. non L.)

~~SUBAAN~~ (MOG)

3(6) Afgooye, CR; N, ?CR, S (Chiov. 1934,  
Cuf. 1958). Dwarf shrub.

*Corchorus olitorius* L. \$

~~RANSOW~~ (RONSOW, RANSOW) (MOG)

~~YULULU~~ (HD)

~~AMBAGO~~ (M)

~~DHEREERIYO~~ (M)

2(2)1 Afgooye & S. Annual.

*Corchorus stenophyllus* (Schum.) Weimarck  
(Gillett et al. 22630, Gillett & Beckett

23314, maybe Elmi 497 may be forms of this  
species)

Type from Hobyo (Cuf. 1958).

~~NAGAAR DEB~~ (NAGARDEB) (C)

(10) CR. Dwarf shrub.

*Corchorus tridens* L.

(2) S[?]. Annual (?woody) forb.

*Corchorus trilocularis* L. (*C. somalicus*  
Gand.)

~~YAQ~~ (MOG)

~~GEED-BIYOOD~~ (MOG)

~~GEED-MADOW~~ (GHET-MADI) (C)

~~YULULU~~ (HD)

~~GASHUMBIYOOD~~ (L)

~~BARAR KURIS~~ (G)

~~AMBAGO~~ (M)

~~DHEREERIYO~~ (M)

3(8)1 N, S; Afgooye, Balcad. Annual.

*Corchorus urticifolia* Wight & Arn.

Glover & Gilliland 1064

N (K). Annual.

*Corchorus* ?n. sp.

Gillett et al. 22485, Herlocker S323

(1) CR. Dwarf shrub.

*Corchorus* indet.

~~GARABDAR~~ (C)

*Grewia*+ *arborea* (Forsk.) Lam. (*G. fallax*  
K. Schum.)

~~GANEAR~~ (KH)

~~DHEBI~~ (DHOBE, DEBI, DABI) (G, MOG)

~~DEBI FITA WIDIR, DEBI GITA WIDIR~~ (G)

~~MADATE~~ (MOG)

~~DHAMAAGXAAG~~ (L)

(14) S, CR, N. Shrub (or small tree).

*Grewia bicolor* Juss. incl. var. *canescens*  
(A. Rich.) Burret & var. *tephrodermis*

+Can be classified as 3 groups based on  
flower color:

1. white *tembensis*, *tenax*

2. lilac *forbesii*, ?*villosa*

3. yellow *arborea*, *bicolor*, *holstii*, aff.  
*kirkii*, *mollis*, *penicillata*, *schweinfurthii*

GREWIA BICOLOR

(Schum.) Burret (incl. *G. canescens*  
A. Rich.)

DHEBI (DEBHI, DHAWII, DOWI, DHABI, DIBIL, TEBI,  
DEPI, DABI) (B, KTS, MOG, M, Wo, EA)

MIRACAS (KH)

DHIBIYO DANAN (DEBI YO DANAN) (MOG, B)

DHEBI MADOW (DEBBIH MEDU) (G)

DEBI HARED (G)

DHOWEY (DOWI, DOWED) (HD, MOG, M)

DHAFARUR/DHANFARUR (DAFFERUR) (G)

ARORESA (G)

KATFADE (G)

KABISH/KABISH (COBESC, COMESC) (C)

DHAMAN XAAG (L)

(27) N, CR, S. Shrub.

*Grewia cerasifera* (Chiov.) Cuf. (*Microcos*  
*cerasifera* Chiov.)

HAMUDE (MOODI, HAMUD, HAMMUDI, AMMUDI, HAMOODI,  
HANNUUDE) (C, G, MOG, KH, M, W)

1(5) CR. Prostrate more or less creeping  
dwarf shrub (or erect dwarf shrub?).

*Grewia densa* K. Schum.

(2) S, (?) CR. Shrub.

*Grewia ehretioides* Chiov.

S (Chiov. 1932, Cuf. 1958). Shrub.

*Grewia ferruginea* Hochst.

BURURI (G)

Ogaden, N (Cuf. 1958).

*Grewia flavescens* Juss.

S (Cuf. 1958). Shrub, woody vine.

*Grewia forbesii* Mast.

DHEBI (DABI, DEBI) (MOG)

(6) S incl. N of Muq. Shrub, branches  
scandent & may be a woody vine.

*Grewia franchetti* Borzi

DHEBI (DEBI, LEBI) (C)

N, S (Cuf. 1958).

*Grewia glandulosa* Vahl

Boni Forest, Kenya thus expected SW Som.  
Shrub.

*Grewia gonioclinia* K. Schum. incl. var.  
*concolor* (Chiov.) Cuf.

S (Cuf. 1958).

*Grewia holstii* Burret

(1) S. Shrub, woody vine.

*Grewia* sp. aff. *kirkii* Drummond &  
*plagiophylla* K. Schum.

Thulin & Warfa 4463

(1) S: Jelib-Camsuma, 14 km. Shrub.

*Grewia lagenophora* Chiov.

S (Chiov. 1932, Cuf. 1958). Shrub.

*Grewia lilacina* K. Schum.

(3) N, CR, also E Kenya. Shrub.

*Grewia micrantha* Bojer var. *concolor*

S (Chiov. 1932).

*Grewia mollis* Juss. incl. var. *trichocarpa*  
(A. Rich.) Burret

DHEBI (DABI, DEBI, DEBBI) (C, MOG)

DHEBI-CAD (DEBI-AD) (G, KTS)

GED-MURED (KTS)

DHOWEY (HD)

S, N ( ). Large shrub & small tree.

*Grewia pannosiseipala* Chiov.

S (Chiov. 1932, Cuf. 1958). Shrub.

*Grewia penicillata* Chiov.

HOHOB/OHOB (HO-HOB, HOOBISHO, HOB, HOOP, OOP)

(C, MOG, B, KH)

KABISH/KABASH (KH)

DHANFARUUR/DHAFARUUR (M)

MIRIYOOD (KH)

(7) CR, N (incl. Cuf. 1958); S (HTS 1983).  
Shrub.

*Grewia plagiophylla* K. Schum.

DHEBI (DEBHI) (EA)

Boni Forest, Kenya thus expected SW Som.  
Shrub.

*Grewia retusa* Chiov.

MIRACAS (MIRAS) (G)

MURI ABONAT (G)

S (Chiov. 1932, Cuf. 1958). Shrub.

*Grewia schweinfurthii* Burret

DHEBI (DEBI) (MOG)

DHEBI MADOW (DEBBIH MEDU, DEBIH MEDU) (G)

MIRO-MADOW (MURD-MEDU) (C)

MUDHANYO (MEDANYU) (NWR)

(1) N. Shrub.

*Grewia stuhlmannii* K. Schum.

Boni Forest, Kenya thus expected SW Som.

*Grewia tembensis* Fres. (G. kakothamnos)

DHAFARUUR/DHANFARUUR (KH)

MIRIYOOD (KH)

MIRACAS (MIRA-AS) (KH, MOG)

MURYEY (KH), MURYOOD (KH)

DHAMAAG/DHAMMAAG/DHAMAIIG (DAMAQ, DAMAK, DAMIQ)

(B, KH, MOG, Wo)

?MUDCAIYUN (MOG)

MURCANYO/MUDHCANYO (MORA-AINYO) (MOG)

DHEBI (DEBI, DEVI, LOVEI) (G, C)

TORRHEI, TURE, TURRAYE (G)

(33) CR, N, S. Shrub.

*Grewia* sp. aff. *tembensis* Fres.

Kuchar 16501

(1) CR; E of Buulo Burte. Shrub.

*Grewia tenax* (Forsk.) Fiori incl. var.

*erythraea* (Schweinf.) Chiov. & var.

*glechomifolia* Chiov. (incl. *G. erythraea* Schweinf.)

DHAFARUUR/DHANFARUUR (DARAFURUR, DARFURUUR,

DAFARRUR, DAFERUR, DEFARUR, DUFERU, DAFARUR,

DAFURUR, DANFERUR, DUNFERUR, DHAFANUR,

BEFERUR) (C, G, B, M, KH, MOG, L, NWR, HD, MIS)

DHAMAAG (DUMEG, DHAMAG, DAMAK) (G, MOG, KTS, KH)

DAMIG [i.e. not DAMAG] (Wo)

XANSHIL (HANSHILE, HINSHILA) (B, KH, Wo)

ANCELLE (G)

MAR (Wo)

MRASAIQ (C: Djib.)

MURYO [or MURCANYO?] (MUDAGNO, MURIO, MURI,

MURJO, MURIYO, MIRHINYO?) (C, L, M, G, MIS)

MURISHI (HD)

DEKAN (KTS)

fr: ARSUN (C)

fls: OBAH (C)

of var. *erythraea*:

MUDHCANYO/MURCANYO (MURAYO, MUDCAAN, MEDA

EINYU, MEDAINYO, MEDANYU, MEDER AINYO, MEDO

AINYO, MIDANYO, MIDO AINU) (G, L, MOG, M, NWR)

DHAMAAG (DAMAK, DAMAC) (G, C)

DHEBI DHAMAAG (DEBI DAMEK) (G)

IDOLE (G)

KARFADE, KATFADE, KATFFADE (G)

TUKALALMIS (TUKAL LALMIS) (G, M)

MIRACAS (MIRASS) (C)

2(20) CR, N, S. Shrub.

*Grewia vaughanii* Exell

Boni Forest, Kenya thus expected SW Som.  
Shrub, woody scrambler.

*Grewia velutina* (Forsk.) Vahl  
N. [KB 39:138 (1984)].

*Grewia villosa* Willd. incl. var. *glabrior*  
K. Schum. (*G. corylifolia* (Scannag.)  
A. Rich.)

KABASH/KABISH/KABESH/KEBISH/KAMISH/KEMISH  
(CABISH, KOBISH, KUBBISH, KOMISH, KOBASH,  
KOMMISH, KABISH, KAM BOSH, CHEBESC, CHEBESCI,  
COBECH, COBESC, COMESC, CHEBEN, CHEBESCH,  
COBEC) (G, KTS, M, B, C, MOG, L, KH, Wo, HD, Ali  
1986)

GOMOSH/GOMOSHA (GOMOSHAA, GOMOSA, GOMSCH,  
GOMESHA, GUMESHA, GOMOSHA, GUMUSHA, GAMOS,  
GOMMO-SCIACH, GOMOSCIA, GUBESCHA, GUNNESCHA,  
COMMO SCIACH, GANUSHI) (C, L, M, MOG, KH, KTS,  
G, C, Ali 1986)

GARANNEAIS (G)

HOHOB (HOB) (C, KH)

4(11) N, S, CR. Shrub.

*Grewia* indet.

GAHAYDH (M: fr), GAHAYR (M: fr)

GEMEEN (C)

*Triumfetta actinocarpa* S. Moore (maybe T.  
*pleiacantha* Sprague & Hutch.)

SAALAWEYNEEYE (SALA-WAYN, SALA-WEINEYE,  
SALUWENE, SALIWENE, SALAWEYNE) (G, M, MOG)

JAFEECO (KH)

XAJIIN (KH)

YACAY MADOOBE (B)

SUUFU SUUFU, SUFE SUFE (B)

ALARIYE (MOG)

RUMMASAN (W)

(26) CR, N, S. Aromatic dwarf shrub & shrub.

*Triumfetta flavescens* A. Rich. incl. var.  
*benadiriana* Fiori

SAALAWEYNEEYE (SALA-WEINEYE, SALO-WEINEYE, SALO  
WENI) (G, M)

(2) S, CR; N, S (Cuf. 1958). Woody forb,  
dwarf shrub.

*Triumfetta heterocarpa* Sprague & Hutch.  
incl. var. *glabrior* Sprague & Hutch. (T.  
*arussorum* Chiov.)

SAALAWEYNEEYE (SALA-WEINEYE, SALO-WEINEYE, SALO  
WENI) (G, M)

KABGAL (COBGAL) (C, KH)

GRANAIS (C)

(14) CR; N,S (incl. Cuf. 1958). Dwarf shrub, maybe woody forb.

*Triumfetta pentandra* A. Rich. var. *homoiotricha* Chiov.  
S (Cuf. 1958). Annual woody forb, dwarf shrub.

*Triumfetta pilosa* Roth (T. *abyssinica* K. Schum.)

ADZULI (C)  
?S (Cuf. 1958).

*Triumfetta rhomboidea* Jacq.  
CAWS-ARAN? (OS-ARAN) (C)  
(4) S. ?Annual woody forb, dwarf shrub.

*Triumfetta trigona* Sprague & Hutch.  
(*Rumicarpus ramosissimus* Chiov.)  
SALAWEYNEEYE (SALA-WEINEYE, SALO-WEINEYE, SALO WENI) (G)  
KABGAL (Wo)  
(4) 1 CR, S; also N (Cuf. 1958). Shrub.

EXCLUDED:

*Sparrmannia ricinocarpa* (Eckl. & Zeyh.) O. Ktze. (*S. abyssinica* Hochst.) Cited in Glover 1947.

*Triumfetta ?cordifolia* A. Rich. Not known from Somalia - probably misdet. at MOG.

130 STERCULIACEAE

*Aethiocarpa lepidota* Vollesen  
[*Triumfetta* n.sp. aff. *T. actinocarpa* S. Moore = Bally & Melville 15523]  
(4) NE incl. Eil. Monotypic endemic. Small cushionlike dwarf shrub.

*Brachychiton populneum* (Schott & Endl.) R. Br.

EX.  
Cultivated at Hargeisa (Cuf. 1959).

*Cola* n.sp.  
Deshmukh JESS 242, Hemming & Deshmukh JESS 86/90 (sterile)

GEED CADE (HD)  
HINFAAL (HD)

1( ) S; Jubba Valley. Evergreen tree to 16m.

*Dombeya praetermissa* Dunkley  
Boni Forest, Kenya thus expected SW Som.  
Small tree, shrub.

*Harmsia sidoides* K. Schum. (*H. emarginata* Schinz, *H. microblastos* Schinz)  
S, possibly CR (Cuf. 1959).

*Hermannia boranensis* K. Schum.  
SALAWEYNEEYE (SALA-WEINEYE, SALO-WEINEYE, SALO WENI) (G, M, MOG)

AFKUDUFANLE (KH)  
KABGAL (Wo)  
(5) N, CR, S. Perennial dwarf shrub (or woody forb).

*Hermannia exappendiculata* (Mast.) K. Schum.  
1(2) S. Dwarf shrub or perennial woody forb.

*Hermannia oliveri* K. Schum.  
Hemming SRS 261/1  
(0) 1 S. Dwarf shrub

*Hermannia paniculata* Franch.  
NAGAAR (NAGAR) (C)  
REKO (C)  
(4) CR; N, CR (Cuf. 1959). Dwarf shrub (woody forb).

*Hildegardia barteri* (Mast.) Kosterm.  
(1) S. Tree.

*Melhania coriacea* Chiov.  
DEGEL-LO-LU (MOG)  
(1) CR. Forb.

*Melhania denhamii* R. Br. incl. var. *benadirensis* Chiov.

SALAWEYNEEYE (SALA-WEINEYE) (G, M)  
CALEEMAAL (KH)  
YABGAL (KH)  
ADUR-DIGAWNEIN (C)  
DASHALE (C)  
(14) CR, S; also N (Cuf. 1959). Dwarf shrub, woody forb.

*Melhania engleriana* K. Schum.  
N (Cuf. 1959).

*Melhania kelleri* Schinz

ARI JECEL (KH)

(2) N, CR. Dwarf shrub (woody forb?).

*Melhanhia muricata* Balf. f.BURBUR (G)

N (Cuf. 1959).

*Melhanhia ovata* (Cav.) Spreng. incl. var. *montana* K. Schum.BIG-CADE (HD)

1(2) S; N, S (Cuf. 1959). Annual dwarf shrub or woody forb.

*Melhanhia parviflora* Chiov.

S (Cuf. 1959).

*Melhanhia parvifolia* Chiov.

1(4) CR. Small forb or dwarf shrub.

*Melhanhia phillipsiae* Bak. f. (M. *grandibracteata* (K. Schum.) K. Schum.)BALAMBAL / BALAMBAL (BALAMBEL) (C, G, MOG, KH)

(9) CR, just S; N, CR (Cuf. 1959). Dwarf shrub, woody forb.

*Melhanhia praemorsa* Vollesen ined.

Kuchar 15492, Thulin 5652

(2) CR.

*Melhanhia rotundata* Mast. (cf. *M. taylorifolia* Bak. f.)BALAMBAL / BALAMBAL (G)

(4) S, N. Dwarf shrub, woody forb.

*Melhanhia somalensis* Bak.

E Ethiopia; ?possibly N Somalia (cf. Cuf. 1959).

*Melhanhia stipulosa* J. R. I. Wood

(1)1 CR; N (K). (Wood: 1984, p. 136)

Small forb with woody rootstock.

*Melhanhia velutina* Forsk.

N (Cuf. 1959). Woody annual.

*Melhanhia* sec. *Hymenonephros*

Gillett 13381, Gillett et al. 22066

(5) CR, just S of CR. Dwarf shrub.

*Melhanhia* n. sp.

Thulin 4150, 4516, Lavranos &amp; Carter

23147, 23208

(2)1 NE of Muq. (2° 13' N 45° 36' E). Annual forb., may be woody

*Melochia corchorifolia* L.

EX?

N (Cuf. 1959). Annual (woody) forb.

*Nesogordonia parvifolia* (M. B. Moss) Capuron  
Boni Forest, Kenya thus expected SW Som.  
Tree.*Sterculia africana* (Lour.) Fiori incl. var. *rivae* (K. Schum.) Cuf. & var. *socotrana* (K. Schum.) Fiori (*S. triphaca* (Lour.) R. Br., also *S. rivae* (K. Schum.) Chiov. acc. to Cuf. 1959)GARARRO (KHARANRE, GARARHO, CARARE, GARAHO, GARARHE, GARRERHO, CARARI, GARANRO, GARARE, GARERI) (C, G, KTS, M)DHARRAB / DHANRAB (DHARAB, DANREB, DANRAB, DARRAB) (MOG, G, C, KTS, SAR)GONDRA (Wo)

(5) N, S; CR acc. to Chiov. 1929. Tree.

*Sterculia rynchocarpa* K. Schum.DHARRAB / DHANRAB (DAAN RAABOOW, DANRABO, DHANRAB, DANRUB, DHO RAB) (B, MOG, M)GARARRO (GARARO, GANARARHO, GANRARHO, GARAHO, GARANRI) (C, B, MOG, HD)GANRAR (L)GEED-JINNI (M)

2(11)3 S, CR, N. Shrubby tree.

*Sterculia stenocarpa* H. Winkler

(5) S. Multistemmed tree or shrub.

(Perhaps conspecific with *S. rivae* & *S. setigera* Delile).*Waltheria indica* L. (*W. americana* L.)YACEY SAGAARIYAL AIS SAGARJ (B)SIIGAREB (B)SALAMEYNEEYE (SALWENE) (MOG)FIID-JINNI? (FIT-GINNI) (C)

(9) CR, S; prob. N (cf. Cuf. 1959). Annual woody forb or dwarf shrub.

## EXCLUDED:

*Hermannia erlangeriana* K. Schum. S acc. to Cuf. 1959, actually from the Ogaden. The description is very obscure & it almost certainly is a synonym for some other species (fide J. B. Gillett in litt.).

## 131 BOMBACACEAE

*Adansonia digitata* L. (*A. somalensis* Chiov.)

YAOO (YAAG, JACH, JAG) (M, B, C, SAR)

1(2) S, to 75 km NE of Muq. The baobab tree, (20 m but with an enormous trunk.

*Ceiba pentandra* (L.) Gaertn.

CAPOK, CAPOC, CAPOK, KAPOK (C, G)

DUM DUM (G)

SEED SULF (M)

EX: kapok.

1( ) S; just S (Chiov. 1932). Tree.

## 132 MALVACEAE+

*Abelmoschus esculentus* (L.) Moench.

BAAMIYA (BAHAMIA) (C) [Arabic for okra]

EX: cultivated.

1( ) Afigooye, S.

*Abelmoschus ficulneus* (L.) Wight & Arn.

BOBO (C)

BAAMIYA (BAHAMIA) (C)

EX.

S (Cuf. 1959). Forb.

*Abutilon agnesae* Borzi (?incl. *A.*

*blepharocarpum* Mattei)

BALAMBAL / BALANBAL (C)

Muq., S (Cuf. 1959); expected CR acc. to ?Chiov.

*Abutilon anglosomaliae* Cuf. (*A. molle* Bak.)

BALANBAL / BALAMBAL (BALAMBA, BALUMBAL,

BALAMBAAL) (G, HD, Wo, Ali 1986)

(7) N, CR; Muq. (Ali 1986). Woody forb, soft shrub.

*Abutilon angulatum* (Guill. & Perr.) Masters

S (Cuf. 1959).

Two basic groups:

1. Epicalyx absent -

2. Epicalyx present -

*Abutilon benadirensis* Mattei

CR acc. to ?Chiov; S (Cuf. 1959).

*Abutilon bidentatum* Hochst.

BALANBAL / BALAMBAL (BALUMBAL) (G)

N (Cuf. 1959). Woody forb.

*Abutilon densevillosum* Mattei

BALANBAL / BALAMBAL (C)

Muq. (Cuf. 1959).

*Abutilon figarianum* Webb. (?*A. tortuosum* sensu Chiov.)

BALANBAL / BALAMBAL (B, MOG)

(2) S, CR; N, S (Cuf. 1959). Softly woody forb.

*Abutilon fruticosum* Guill. & Perr.

WANCAD (WANA-AD) (G, M)

YACAY-MADDOBE (KH)

BALAMBAL / BALANBAL (BALLAMBAL) (G, C, MOG)

SEEDCAD (GHEDAD) (G)

(14) CR, N, S (incl. Cuf. 1959). Annual (woody) forb or dwarf shrub.

*Abutilon hirtum* (Lam.) Sweet

SALMALAAYE (KH)

BALAMBAL / BALANBAL (BALENBAL, BALUMBAL) (C, HD, MOG, L)

1(9)2 CR, S; N (Cuf. 1959). Annual-perennial woody forb or soft shrub.

*Abutilon indicum* (Torr.) Sweet

S, ?other (Cuf. 1959).

*Abutilon mauritianum* (Jacq.) Medic (*Pavonia patens* (Andr.) Chiov.)

(1) [loc?] (S[Boni]) Woody forb.

*Abutilon pannosum* (Forst. f.) Schlecht.

BALAMBAL / BALANBAL (G)

1(2)1 CR, S; N, CR, S (Cuf. 1959). Shrub, woody forb.

*Abutilon ramosum* Guill. & Perr.

BALAMBAL / BALANBAL (BALUMBAL) (C)

N, S (Cuf. 1959). Woody forb.

*Abutilon rotundifolium* Mattei (syn?)

ACHIN-EERET, ACHIN-HEERET (C)

Muq., N, S (Cuf. 1959).

*Abutilon somalense* Mattei (*A.* sp. aff. *benadirensis* Mattei & *somalense* Mattei)



Gillett et al. 22440, 25345, G & H 24500)  
(5) CR; Muq. (Cuf. 1959). (Softly) woody  
forb.

*Cienfuegosia chiarugii* Chiov.  
N (Cuf. 1959).

*Cienfuegosia welshii* (T. Anders.) Garcke  
GORMORNE (MOG), QUEMUNNE (MOG)  
(5) N incl. Laas Caanood. Dwarf shrub.

*Cienfuegosia* sp.  
URGO (MOG)  
JILBADHIIG (JILBADIG) (MOG)  
(2) N. Dwarf shrub.

*Gossypoides kirkii* (Mast.) J.B. Hutch.  
Boni Forest, Kenya thus expected SW Som.  
Woody forb, may scramble.

*Gossypium arboreum* L.  
SUF (SUF) (C)  
EX.  
Som. incl. Muq. (Cuf. 1959). Forb.

*Gossypium barbadense* L. (*G. peruvianum* Cav.)  
CUDBI (ODBE) (G, M)  
SUF (SUF) (G)  
EX.  
S (Cuf. 1959). Woody forb, shrub, may  
scramble.

*Gossypium benadirensis* Mattei  
BALAMBAL (HD)  
(1) CR; S (Vollesen KB42(2)) Shrub.

*Gossypium bricchettii* (Ulbr.) Vollesen  
(?) 2) N, & just S of CR; CR, N (Vollesen  
KB42(2)). ?Soft shrub.

*Gossypium herbaceum* L. var. *acerifolium*  
(Guill. & Perr.) A. Chev. & var. *africanum*  
(Watt) Hutch. & Ghose

CUDBI (UDBI) (C)  
SUF (SUF) (C)  
EX.  
N, S; cultivated (Cuf. 1959, Kazmi 1985).

*Gossypium hirsutum* L.  
EX.  
N (Cuf. 1959). Shrub.

*Gossypium somalense* (Guerke) J.B. Hutch.  
(*Cienfuegosia somalensis* Guerke)

BALAMBAL / BALAMBAL (BALUMBAL) (C, KH, Wo)

GEED SUUF (KH)

SUF-CALOOD (KH)

SUFDUUR (KH)

(10) CR; N (Cuf. 1959), ?also S. Dwarf  
shrub, shrub.

*Gossypium stocksii* Mast.

GARAN NAHEIS (G)

(5) NE; also CR (Vollesen KB42(2)).

Scrambling or more or less prostrate dwarf  
shrub & shrub.

*Gossypium trifurcatum* Vollesen

Type: Hemming 1822; also Gillett et al.  
23071

NE (Vollesen KB42(2)). Dwarf shrub.

*Gossypium* sp. nov. C

Hemming & Watson 3156

N (Vollesen KB 42(2)). Woody forb.

*Gossypium* n. sp.

Gillett 23071

(1) N. Dwarf shrub.

*Hibiscus ahlensis* Ulbr.

N (Cuf. 1959).

*Hibiscus aponeurus* Sprague & Hutch.

ELLAN-IRI (C)

(2) N, S. Perennial woody forb, shrub.

*Hibiscus argutus* Bak.

MIRA GEELJIRE (MIRRA-GEL-JIRA) (C)

N (Cuf. 1959).

*Hibiscus asper* Hook. f.

CIDDI-LIBAAX (EDI-LIBAH) (C)

N (Cuf. 1959).

*Hibiscus baidoensis* Chiov.

S; CR, S (Cuf. 1959).

*Hibiscus bricchettii* Ulbr.

DANKARONNE (C)

WUAS (C)

UNARWAROT (C)

(1) CR (incl. Cuf. 1959). Dwarf shrub.

*Hibiscus cannabinus* L.

BALAMBAL / BALAMBAL (HD)

CIDDI-LIBAAX (EDI LIBAH) (G)

1(1)1 S; CR, S (Cuf. 1959). Annual weakly armed woody forb, or shrublike.

*Hibiscus capillipes* Mattei  
S (Cuf. 1959).

*Hibiscus crassinervius* A. Rich.  
SAL WEYNEEYE (SALA WEINEYE) (G, M)  
GEELJIRE MUD (GELI JIRI MUD) (G)  
(4) N, S. (Soft?) (dwarf) shrub, may lean.

*Hibiscus deflersii* Cuf.  
N (Cuf. 1959).

*Hibiscus dictyocarpus* Webb. (H. pavonioides Fiori)  
BALAMBAL/BALANBAL (MOG)  
(4) S. Dwarf shrub & shrub.

<sup>no</sup>  
*Hibiscus dongolensis* Del. (H. fallacinus Chiov., not H. lunariifolius Willd.)  
BALAMBAL-MADOW (BALAMBAL-MEDOVE) (C)  
ERERIE (C)  
GEED-BIYO (GHEDBIO) (C)  
GEED-SAGAARO (GEN-SAGAR) (C)  
MIRA GEELJIRE (MIRA GEL JIRA) (G)  
BALAMBAL/BALANBAL (BALLAMBAL) (C, G)  
?NACCIA (C)

2(5)2 S incl. Afgooye; almost CR (Chiov. 1932); also N (Cuf. 1959). Soft shrub, woody forb, dwarf shrub.

*Hibiscus faulknerae* Vollesen  
Poss. expected extreme SW (cf. Vollesen 1980). Shrub.

*Hibiscus flavifolius* Ulbr.  
(3) CR; N (Cuf. 1959). Woody forb or shrub.

*Hibiscus furcatus* Willd. var. *microcarpus* Mattei  
BAAMIYA (BAHAMIA) (C)  
(1) Afgooye; S (Cuf. 1959). ?Woody forb.

*Hibiscus fuscus* Garcke  
?N (Cuf. 1959). Shrub, woody forb.

*Hibiscus hildebrandtii* Sprague & Hutch.  
MIRA GEELJIRE (MIRUGILJILI, MIRA GEL JIRE, MIRA-GEL-JIRA) (G, MOG)  
1(5)2 N, S, just S. Dwarf shrub/shrub.

*Hibiscus ludwigii* Eckl. & Zeyh.

S (Cuf. 1959). Woody forb, may scramble.

*Hibiscus meyeri* Harv.  
KABGAL (B)  
(1) S. Forb.

*Hibiscus micranthus* L. f. var. *micranthus* (H. ovalifolius auct. non (Forsk.) Vahl)  
KABGAL (B)  
YAGAR, YAGER (B, MOG)  
MIRA GEELJIRE (MIRA GEL JIRA) (G)  
BUN-ARI? (BUN-IRI) (C)  
1(8) N, CR, S. Stiff annual forb or woody forb.

*Hibiscus minimifolius* Chiov.  
CR (Cuf. 1959).

*Hibiscus "ouarsanguelicus"* Cuf.  
N (Cuf. 1959).

*Hibiscus ovalifolius* (Forsk.) Vahl (H. calycinus Willd., not H. calyphyllus Cav.)  
SAL WEYNEEYE (SALA-WEINEYE, SALO-WEINEYE, SALO WENI) (G, M)  
BALABAL DORIS (G)  
N, S, ?also CR (Cuf. 1959). Woody forb, dwarf shrub.

*Hibiscus palmatus* Forsk. (H. aristivalvis Garcke)  
(1) S, CR (Cuf. 1959). More or less prostrate annual-perennial.

*Hibiscus panduriformis* Burm. f.  
N, S (Cuf. 1959). Annual (woody) forb or shrub.

*Hibiscus paolii* Mattei  
S (Cuf. 1959).

*Hibiscus purpureus* Forsk. (H. meidiensis Ulbr.)  
(1) N. Forb.

*Hibiscus radiatus* Cav.  
EX.  
S (Cuf. 1959). Annual (woody) forb.

*Hibiscus rhabdotospermus* Garcke  
S (Cuf. 1959).

*Hibiscus rostellatus* Guill. & Perr.  
Possibly CR/S (cf. Cuf. 1959).

?*Hibiscus sabdariffa*  
 EX: rosella. Cultivated Afgooye, S  
 (M.H.Madany pers.com.)

*Hibiscus sidiformis* Baill.  
 (1) S incl. NE Bay (O'Brien 1986). Annual.

*Hibiscus somalensis* Franch. (*H. cernuus*  
 Terracc. ? = *H. 'subsessiliflorus'*, &  
 taxa designated as sec. *Bombycella* Gillett  
 22313, 22389, 22169)  
MIRA GEEL JIRE (MIRAGELJIRA, MIDO GEL JIRE,  
 MIRA GEL JIRA, MIRA-GEEL-JIRE) (G, MOG, NWR)  
YAGAR (HD)  
 (10) CR; N, poss. S (Cuf. 1959). Dwarf  
 shrub, may ascend into bushes.

*Hibiscus sparseaculeatus* Bak. f.  
 N (Cuf. 1959).

*Hibiscus spartioides* Chiov.  
GEED MADOW (GED MADO, GED MEDU) (G)  
 N (Cuf. 1959).

*Hibiscus tiliaceus* L.  
 ?S (Cuf. 1959). Shrub, tree.

*Hibiscus vitifolius* L. incl. ssp. *vulgaris*  
 Brenan & Exell  
 (4) CR; N, S (Cuf. 1959). Annual soft shrub  
 or woody forb.

*Hibiscus* sp. 'D' of UKWF  
 (1) S. Woody forb.

*Hibiscus* indet.  
TUKA-LABNISS (C)

*Malva parviflora* L.  
 EX?  
 (2) N. Annual.

*Malva verticillata* L.  
 EX.  
 N (Cuf. 1959). ?Annual.

*Pavonia arabica* Boiss. incl. var.  
*flavovelutina* Ulbr. & var. *glanduligera*  
 Guerke (*P. erythraeae* Chiov. ? incl. *P.*  
*microphylla*)  
DHAAYO-DHABE (KH)  
GEEDCAD (KH)  
BALAMBAL/BALANBAL (BALAMBAAL) (MOG, HD, Wo)

YABCAL (KH)  
 (18) CR, N, S (incl. Cuf. 1959). Woody forb  
 or soft dwarf shrub.

*Pavonia burchellii* (DC.) R.A.Dyer incl. var.  
*schweinfurthii* (Ulbr.) Heine  
 Most material from Som. which was called *P.*  
*patens* probably belongs here but some may  
 be *P. glechomifolia*. The last 4  
 vernacular names are in this mixed  
 category, as too all specimens at MOG.

BALANBAL/BALAMBAL (BALUMBAL) (G, M)  
SALANEYNEEYE (SALA-WEINEYE, SALO-WEINEYE,  
 SALO WENI) (G, M)  
RASOGEL (MOG)  
CAPGAL (C)  
DUFFULOT (C)  
SHARMALDOWA (C)  
 (9) CR, N, S (also Cuf. 1959). Perennial  
 woody forb or dwarf shrub, weak shrub, may  
 scramble.

*Pavonia cristata* Guerke  
 N, S (Cuf. 1959). Woody forb or dwarf shrub.

*Pavonia ctenophora* Ulbr.  
 S (Cuf. 1959).

*Pavonia elegans* Garcke  
 S. Woody forb.

*Pavonia ellenbeckii* Garcke  
 (3) CR; ?S (Cuf. 1959). Low annual woody  
 forb or dwarf shrub.

*Pavonia eremogeiton* Ulbr. (*P. sec.*  
*Pterocarpidium* n.sp. = Elmi & Hansén 4075,  
 Gillett et al. 22371)

DUEFEMOD (C)  
XAJIIN (HAGGIN) (C)  
 (3) CR; also S (Cuf. 1959). Dwarf shrub or  
 woody forb.

*Pavonia flavescens* Mattei  
 S (Cuf. 1959).

*Pavonia franchetiana* Guerke  
 N (Cuf. 1959).

*Pavonia glechomifolia* (A.Rich.) Garcke (= *P.*  
*patens* acc. to Cuf. 1959; may be nr. *P.*  
*haematophthalmos* Chiov. ? see also *P.*  
*burchellii*)

(2) CR; S (O'Brien 1986). Scrambly shrub  
or woody forb.

*Pavonia haematophthalmos* Chiov.  
Just S (Chiov. 1932).

*Pavonia hildebrandtii* Guerke & Ulbr.  
(1) N mts. Annual (woody) forb.

*Pavonia kotschyi* Webb. -(incl. var.  
*glabrescens* Ulbr., var. *glutinosa* Mattei &  
var. *mollissima* Mattei)  
BABALE, BA-BALEH, BABARLEH, BAL-BALE,  
BUBULEH (G, MOG)

DUFFONOD (C)  
(13) CR, N, S (incl. Cuf. 1959). ?Annual  
woody forb or dwarf shrub.

*Pavonia leptocalyx* Ulbr.  
(0) 1 S. Dwarf shrub.

*Pavonia minimifolia* Chiov.  
(1) Just S of CR; also N (Chiov. 1929).  
Forb (wiry forb?).

*Pavonia mollissima* (Garcke) Ulbr. (?incl. *P.*  
*sennii* Chiov.)  
(3) 1 S, Balcad. Woody forb or dwarf shrub.

*Pavonia paolii* Mattei  
Thulin & Warfa 4519  
(1) S: Merca, c1°40'N 44°45'E. Glandular  
perennial.

*Pavonia pirottae* (A. Terracc.) Chiov.  
GEED SABALDHAG (KH)  
RAAMBI (KH)  
TIMOFAXIS, TIMOFAXIS (L, KH)  
(11) CR, N. Dwarf shrub or perhaps woody  
forb.

*Pavonia propinqua* Garcke (*P. grewioides*  
Hochst.)

BALAMBAL/BALANBAL (C)  
AGHER-HERET (C)  
GRANAIS (C)  
SULF-DUUR (SOV-DUR) (C)  
(18) 1 CR, S. Dwarf shrub or woody forb.

*Pavonia pseudo-arabica* Mattei  
S (Cuf. 1959); CR acc. to ?Chiov.

*Pavonia rufescens* Mattei  
S (Cuf. 1959).

*Pavonia sennii* Chiov.  
N, S (Cuf. 1959).

*Pavonia serrata* Franch.  
N (Cuf. 1959). Woody forb.

*Pavonia somalensis* Franch.  
N (Cuf. 1959).

*Pavonia stefaninii* Ulbr. (*P. somalensis*  
Mattei)  
S (Cuf. 1959).

*Pavonia triloba* Guill. & Perr.  
(1) CR; just S (Kazmi 1985). Woody forb,  
dwarf shrub.

*Pavonia urens* Cav. (not *P. schimperiana*  
Rich.)  
ABLALATI (G)  
Possibly N (?Glover 1947). Woody forb,  
shrub.

*Pavonia zeylanica* Cav. (ssp. *afro-arabica*  
Cuf.) (*P. digitata* Chiov.)  
BACBACLE (MOG)  
XAJIIN (HACHIN) (C)  
(8) CR, N; S (Cuf. 1959). Dwarf shrub,  
woody forb.

*Pavonia* indet. - fits *P. pirottae* or  
*zeylonica*  
MIRA GEELJIRE (MIROGILJILE) (MOG)  
TIMA-FA-HE (MOG)

*Pavonia* sp. 'C'  
Gillett & Hemming 24598  
(2) CR. Soft glandular dwarf shrub.

*Pavonia* sp.  
Kuchar 16305  
(1) CR. Prostrate woody forb or dwarf  
shrub.

*Pavonia* subsec. *Eremogeiton* ?n. sp.  
Gillett et al. 22586, G & B 23281 (aff. *P.*  
*eremogeiton* Ulbr.)  
SARRIIG (L)  
(4) CR: Dwarf shrub (shrub?).

*Pavonia* ?n. sp.  
Gillett & Beckett 23280  
(2) CR & just S. Prostrate (woody) forb.

*pavonia* sp.  
*pignoti* sn, 9. IX. 81.  
 (1) S: Baidoa. ?Woody forb or dwarf shrub;  
 lvs 3-fol.

*Senna incana* Cav. (*Senna incana* Cav.)  
BALAMBAL/BALANBAL (BALENBAL, BALUMBAL, BALAM-  
 BAAL) (C, MOG, HD, Wo, SAR)

BALANBAL MADON (MOG)

YACAYE (MOG) [CR]

KULMAALEY (MOG) [CR]

QASHIN (HD)

4(22) CR, N, S. Soft dwarf shrub or woody  
 forb.

*Senna zoes* Schweinf. & Volk.

BALAMBAL/BALANBAL (C)

S (Cuf. 1959).

*Sida acuta* Burm. f.

WASL-WASL (MOG)

(1) S; N (Cuf. 1959). ?Annual woody forb,  
 dwarf shrub.

*Sida alba* L. (*S. spinosa* L.)

1( ) 1 S (incl. Cuf. 1959); CR (Chiov.  
 1929). Annual or biennial (woody) forb.

*Sida cordifolia* L.

N (Cuf. 1959). Woody forb.

*Sida ovata* Forsk. (*S. grewioides* Guill. &  
 Perr.)

CAD-CADAY (ADAD-ADEI, AD-ADDEI, ADA-DEI) (C, G)

4(5) 1 N, CR, S. Perennial woody forb or  
 dwarf shrub.

*Sida* n. sp. aff. *S. ovata* Forsk.

Glover & Gilliland 350, Gillett et al.  
 22573, Thulin & Warfa 4615

(5) CR. Dwarf shrub or woody forb.

*Sida rhombifolia* L.

SALAWEYNEEYE (SALAWEINEYE) (G, M)

HAIDA-BOR (G)

(1) Ni ?other. Dwarf shrub, woody forb.

*Sida tanaensis* Vollesen

S (K). (Vollesen 1986, p. 95?).

*Sida ternata* L. f.

?N (Cuf. 1959). Scrambler.

*Sida* ?n. sp.

Gillett et al. 22207

HAMUDE (KH)

?TIMOFAXIS (KH)

1(4) CR: Dwarf shrub.

*Symphychlamys erlangeri* Guerke (*Hibiscus*  
*benadirensis* Mattei)

CHIRIR (C)

GASAAJO (HD)

(5) S. Big shrub.

*Thespesia danis* Oliv.

KABXAN/KOBHAN (KABHAN, KOBHAN, COBHANNE, COBON,  
 CABCANN, CABHAN, KABHON, KOBHA, COBANNE,  
 CABANNE) (M, CAS, KH, HD, MOG, B, G, C, M, M, KTS,  
 Wo, MIS)

CAREREH (M)

KOKONKE (KTS)

DANIS (G)

1(11) 1 CR, S (incl. Cuf. 1959). Shrub &  
 small tree.

*Thespesia populnea* (L.) Corr.

Boni Forest, Kenya thus expected SW Som.  
 Shrub & small tree.

EXCLUDED: *Gossypium anomalum* Wawra & Peyr.

### 133 MALPIGHIACEAE

FTEA 1968

*Acridocarpus glaucescens* Engl. var.  
*ferrugineus* (Engl.) Launert & var  
*graniticus* Fiori (*A. ferrugineus* Engl.)

REYDAB (REIDEP, REIDEB) (C, G, M)

MARMAROOD (MUUR MUUR, MOR MOR, MARMARO) (C, B)

KAADI GUDUUDIS, KADI-GUDUDIS (MOG, B)

WAA JIREED (B)

GEED BUUREED (GED BURED) (MOG, B)

GEED-SAAR (GED-SAR) (MOG)

(8) 1 S, Balcad, CR. (?) Evergreen shrub &  
 twining woody vine.

*Acridocarpus zanzibaricus* A. Juss.

(2) 1 S, CR. Woody vine, (shrub), also  
 reported as a thin tree to 8 m.

*Acridocarpus* ?n. sp.

Thulin & Warfa 5531

- (1) N: W of Bargal, c11°15'N 51°00'E.  
Shrub.

*Caucanthus albidus* (Nied.) Nied. (C.  
*argenteus* Chiov., *C. chiovendae* Cuf.,  
*Diaspis albida* Nied.)

HIRAN(KH)

MADHICIROOD, MINDHICIROOD(KH)

MARMAROOD (MAR MAROOG, MAR MAROD) (B)

UL\_DHIIG(B)

JECJEC(KH)

MARADUF (Wo)

- (10) CR, S, (?N). Erect or scarcely twining  
shrub.

*Caucanthus edulis* Forsk. incl. var.  
*benadirensis* (Fiori) Chiov.

MARMAROOD (MARMAROD) (MOG, M)

MARDAF (KH)

MINDHICIROOD (KH)

SHAMMAXLEEYE (KH)

MAR-MERISH (MOG)

FARA\_YER\_YER (G)

MARMARSONLEH (G)

SIRSIRIQ (KH)

MARMAR (L)

- (22) CR, N, S (incl. Cuf. 1956). Shrub, ends  
may twine slightly.

*Caucanthus squarrosus* Nied. (var.  
*benadiriensis* Fiori) (*Triaspis*  
*squarrosus*)

Muq. (Fiori 1915).

*Triaspis mozambica* A. Juss.

Boni Forest, Kenya thus expected SW Som.  
Woody vine.

*Triaspis* (aff. *T.*) *niedenzuiana* Engl.

(*Tristellateia cynanchoides* Chiov.; incl.  
*T. erlangeri* Engl.)

MARMAROOD (MARMAROD) (G, M)

MINTESI (C)

?DOOFAAR QOD (M)

BURBUROOD (BURBUROD) (G)

NOWNOWNLOH (G)

- (1) N; S (Cuf. 1956); just S (Chiov. 1932).  
Semierect or scandent sometimes twining  
shrub.

*Tristellateia africana* S. Moore (T.  
*somalensis* Chiov.)

- (1) S. Woody vine.

### 135 ERYTHROXYLACEAE

FTEA 1984

*Erythroxylum emarginatum* Thonn.  
Boni Forest, Kenya thus expected SW Som.  
Evergreen shrub & small tree.

*Erythroxylum platyclados* Boj.  
Boni Forest, Kenya thus expected SW Som.  
Shrub, small tree.

*Nectaropetalum kaessneri* Engl. var.  
*parvifolium* Verdc. (N. sp. nov. in KTS)

GEED BUUREED (B)

SAXAD (SAKAD) (Z, SAR, MOG)

- (4) S, CR. Evergreen shrub & small tree.

### 135d LINACEAE

FTEA 1966

*Hugonia castaneifolia* Engl.  
Boni Forest, Kenya thus expected SW Som.  
Woody vine.

*Linum trigynum* L. var. *sieberi* (Planch.)  
Cuf.

N (Cuf. 1956). Forb.

EXCLUDED: *Linum usitatissimum* L.

### 136 EUPHORBIACEAE

*Acalypha brachystachya* Hornem.  
Expected Somalia. Annual.

*Acalypha ciliata* Forsk.

- (1) S. Annual.

*Acalypha crenata* A. Rich.

S (Cuf. 1956). Small annual.

*Acalypha fruticosa* Forsk. var. *fruticosa*

GEED-BIYOOD (GEED BIYE, GED BIYHA) (B)

JILIYA ORYO (CHILER-ORIO) (MOG, B)

KUUS GABE (B)

DIGRE, DIKRI, DIRRHI (G, MOG, NWR)

GEED-ARAR (GHED-ARAR) (C)

*Acalypha fruticosa*GEDEDY (HD)GED HARER (HD)JAMBA JAMBA (HD)MAJAB (HD)

1(12)3 S, CR, N. Shrub.

*Acalypha indica* L. incl. var. *bailloniana* (Muell. Arg.) Hutch. (*A. somalium* Muell. Arg., *A. somalensis* Pax)  
3(1) S; NE of Muq.; N (Cuf. 1956). Annual forb, rarely woody.

*Acalypha lanceolata* Willd. (*A. glomerata* Hutch.)

TUKALALMIS (TUKA LALNIS, TUKALONIS) (G, MOG, M)HUBNALI (MOG)DIKRI (G)

(3) N; should also be expected CR&S.  
Annual (woody) forb.

*Acalypha volkensii* Pax

Somalia acc. to FTEA. Prostrate to scandent woody forb.

*Acalypha* indet.GUBTAANYA (M)*Andrachne aspera* Spreng.

Djibouti (Cuf. 1956); Somalia (FTEA).  
Prostrate to rarely erect perennial (woody) forb.

*Andrachne telephioides* L. (*A. somalensis* Pax)

(6) CR, N. Dwarf shrub.

*Antidesma membranaceum* Muell. Arg.

Boni Forest, Kenya thus expected SW Som.  
Evergreen shrub or small tree. Sometimes placed in segregate fam. Stilaginaceae.

*Antidesma venosum* Tul.GEED-BIYOOD (GHED-BIOD) (G)

S (Cuf. 1956). Evergreen shrub or small tree.

*Bridelia cathartica* Bertol. f.DHOWEY (HD)

1(2)1 S. Shrub or small tree, also reported as a woody vine.

*Bridelia microphylla* Chiov. (tax. identity uncertain)

DUGDUGHE (G)

S (Cuf. 1956).

*Bridelia somalensis* Hutch.HAMBAQRH (MOG)HAMBAH JUJH (G)

(5) N mts. Shrub or small tree.

*Caperonia fistulosa* Beille

Hemming &amp; Deshmukh JESS 86/84 &amp; 165

2( )2 S: near Jubba R. at 0°06-34'N.  
Annual.

*Caperonia subrotunda* Chiov. (1916 t.18)

S (Cuf. 1956). Annual. Possibly an extreme form of *C. fistulosa* with shorter broader lvs.

*Cephalocroton cordofanus* Hochst. (C.

*velutinus* Pax & Hoffm., *C. nudus* Pax & Hoffm.)

JIMBAC (CHIMBA) (G, MOG, M)BUN (BUNO, BUNI) (HD, MOG)GEED-BUN (GED BUN) (MOG, B)ITIN (G, M)

KOSAIYE-REA (EA) [ & reportedly same name in Orma & Boran ]

2(17)2 CR, N, S (also Cuf. 1956). Shrub.

*Chrozophora oblongifolia* (Del.) Spreng.

MARA MADOOBEYE/MADOWBEYE (MARA-MADO-BEYE, MARA MUDDO BEYI, MARA-MUDO-WEYI) (G, MOG, C, M)

AF MADOOBEYE (AF MADO BEYE, AF MUDDO BEYE) (G)KERRERI (C: Djib.)

(11) N incl. Laas Caanood-Garowe. Woody forb.

*Chrozophora plicata* (Vahl) Spreng.BALANBAL/BALAMBAL (B)

N (Cuf. 1956); S (HTS 1983). Prostrate or ascending annual.

*Clutia abyssinica* Jaub. & Spach (C.*richardiana* Muell. Arg.)NASTEHO (G)

(6) N mts. ?Evergreen dwarf shrub or shrub.

*Clutia robusta* Pax (C. *kilimandscharica* Engl.)

GHRIA EJI (G)

(3) N (Cuf. 1956). ?Evergreen dwarf shrub or shrub.

*Croton cliffordii* Hutch. & Bruce

## CROTON CLIFFORDII

BAHIYE, BAHIE, BAH-I-E, BAAHIYE (G, MOG, NWR)  
(3) N. Dwarf shrub, ?shrub.

Croton confertus Bak.  
BAH-I-E, BAHIE, BAHIEH (C, G)  
(1) N. ?Shrub.

Croton dichogamus Pax  
(1) S. Acc. to FTEA, alt. range is 550-  
2000 m, though in Kenya found in K1-7.

Croton gillettii Hutch. & Bruce  
SAALANEYNEEYE (SALWENE) (MOG)  
KARERE (MOG)  
BOHIEH, BAHII-E, BIHIE, BAH-I-E, BOHEY  
(G, MOG, Wo)  
SALEL (MOG, G)  
(2) N. Dwarf shrub, shrub.

Croton macrostachyus A. Rich.  
?BISANA (G)  
Possibly Ni cited in Glover 1947. Shrub or  
small tree.

Croton megalocarpoides Friis & Gilbert (C.  
megalocarpus Hutch. sensu Chiov.)  
GEED RAMUD (GED RAMUD) (MOG)  
(2) S. Shrub & small tree.

Croton menyhartii Pax  
BUG CADE (BUG ADEI, BAAG CADE, BOGH-ET, BOG-  
CADE) (B, C, MOG, SAR)  
CADUR (CADUR, ADUR, ADURR) (B, MOG)  
QABAAL, GABAL (B)  
GA SHUN, GA SHUN AD (B)  
HRIHRI (B)  
IDAAN (B)  
YACE, YAIE (B)  
SHALLORIA (B)  
ANAM-EIE (C)  
1(4)1 [1 taxon?] S incl. Bur Heybe.  
(?) Evergreen shrub.

Croton pseudopulchellus Pax  
(1)3 S. Shrub or small tree, ?evergreen.  
(Locally dominant on rocky hillslopes in  
evergreen bushland)

Croton sp. aff. schimperianus Muell. Arg.  
Hemming & Watson 3116  
(1) NE: 11°24'N 50°55'E. Shrub.

Croton somalensis Vatke & Pax  
(3) S, CR, N. Shrub (or small tree).

Croton talaeporos A. Radc. - Sm.  
GEDBOHOLET (M)  
CANTAMALUUG (MOG)

(5)1 S coast to NE of Muq. Shrub or small  
tree.

Croton ?n. sp.  
Gillett 22516, Gillett & Hemming 24630,  
Thulin & Warfa 4621  
(3) CR. Dwarf shrub/shrub.

Cyathogyne bussei Pax  
Beckett 1646, Thulin & Warfa 5290  
(1) S: 2°18'N 42°50'E (K), Balcad. Shrub.

Dalechampia scandens L. var. cordofana  
(Hochst.) Muell. Arg. & var. hildebrandtii  
(Pax) Pax (incl. D. hildebrandtii Pax)  
XAYAAB (L)  
(?) SAAGE SAAGE (L)  
3(4) Afgooye, S; also N (Cuf. 1956).  
Twiner.

Dalechampia trifoliata Verdc. & Greenway  
incl. var. trifida Radc. - Sm. (var. nov.  
ined.)  
N, S (FTEA). Subprostrate (or climbing)  
perennial.

Drypetes natalensis (Harv.) Hutch. var.  
leiogyna Brenan  
Hemming & Deshmukh JESS 86/113  
SHABKAYLE (HD)  
1( ) S: Jubba R. Shrub or small tree.

Drypetes reticulata Pax  
(0)1 S, almost CR (Bur Heybe). ?Shrub.

Erythrococca abyssinica Pax  
?OGOMDI, ?OGOMDIL (G)  
?Possibly Ni cited in Glover 1947.

Erythrococca integrifolia A. Radc. - Sm.  
(1) N. (Radc. - Sm. ?1984, p. 787) Type:  
Gillett & Watson 23502. Shrub.

Euphorbia+ acalyphoides Boiss. ssp.  
acalyphoides & ssp. cicatricosa S. Carter

+Euphorbia sections:



KUSAMBAR(MOG)MACI(HD)

1(3)1 N, S, also Afgooye. Annual.

*Euphorbia agowensis* Boiss. ssp. *agowensis*  
(*E. pseudoholstii* Pax)CIIN(EN)(G, M)

(3) Afgooye, N. (Subsucculent) annual (or dwarf shrub?).

*Euphorbia* sp. aff. *agowensis* Boiss.

Hemming &amp; Watson 3173, (Beckett 813)

(1) N: 46 km W of Bosaso, 11° 15' N 48° 45' E.  
?Woody forb.*Euphorbia arabica* Boiss.

N (Cuf. 1958). Annual.

*Euphorbia ballyi* S. Carter

(4) N mts. Endemic. Armed leafless succulent.

*Euphorbia* n. sp. aff. *E. ballyi* S. Carter & E. buruana PaxDIBU(MOG)

(3)1 N mts. Endemic. Armed dwarf succulent.

*Euphorbia balsamifera* Ait. ssp. *adenensis*  
(Defl.) BallyAINCHER, ENJIR(MOG)

(11) N mts. Succulent dwarf shrub (shrub).

*Euphorbia barbicollis* Bally

N (Kazmi 1985). Endemic.

*Euphorbia breviarticulata* Pax (*E. grandicornis* Goebel, *E. mbaluensis* Pax)GALALIYO(GALALIYO, GALAALIYO, GALOLI)

(B, MOG, C, M)

DIBU(C)

1(3) S; N, S (Cuf. 1958). Armed candelabra-type succulent shrub.

*Euphorbia calamiformis* Bally & S. Carter

(1) CR; CR, S (Carter ?1985). Succulent erect-sprawling shrub.

*Euphorbia cameronii* N. E. Br.

(1) N. Endemic. Leafless tree.

*Euphorbia* sp. nr. *E. cameronii* N. E. Br.DHARKAYN(IRKIN)(MOG)MIRHIG(MOG)CIIN(EN)(MOG)

(1) N.

*Euphorbia candelabrum* Kotschy (*E. bilocularis* N. E. Br.)DHARKAYN(DARKEIN, DARCHEN, DARKON)(C, KTS, M, M)  
S (Cuf. 1958), only S (Carter 1986).  
Succulent tree.*Euphorbia carinata* Bally & S. Carter (aff. *E. somalensis* Pax)INGER(MOG)

(1) N. Semisucculent shrub.

*Euphorbia carteriana* Bally

Muq. to Buulo Burte. Endemic.

*Euphorbia columaris* Bally

(1) N. Endemic. Armed succulent.

*Euphorbia cryptospinosa* Bally

(1) S. Armed climbing leafless snakelike succulent.

*Euphorbia cuneata* Vahl ssp. *cuneata* s. lat.  
(incl. *E. lyciopsis* Pax, *E. spinescens* Pax, *E. sp. aff. E. consobrina* N. E. Br.)DHIRINDHIR(DIRANDIRR, DIRANDRA, DARINDER, DIRINDER, DIRINDI, DERENDER, DERINDER, DIRINDIR, DIRANDIR, DIRIN DHIR)(G, L, M, B, KH, KTS, C, MOG, W, Wo, NWR)DOLAD, DALAD(B)

1(24) CR, N, S. Armed shrub. Also a prostrate form (Gillett et al. 22209, Wieland 4048) on coastal plain of CR.

*Euphorbia diminuta* S. CarterNE Kenya (Carter ?1984), expected S Som.  
Prostrate annual.*Euphorbia ellenbeckii* Pax

S (Kazmi 1985).

*Euphorbia erlangeri* PaxQABAYAR/QABOYAR/QABO YARO/QABO YARYAR(KH)KABAYARE?(KHABEERO, KABERO)(MOG, B)GABI-YARI(HD)

(10) CR, S. Armed leafless snakelike scandent succulent.

*Euphorbia etuberculosa* Bally & S. Carter

N (Carter ?1985). Endemic. Succulent perennial.

*Euphorbia fascicaulis* S. Carter  
(1) N. Endemic. Armed cushion-type leafless succulent.

*Euphorbia* n. sp. aff. *E. fascicaulis* S. Carter  
(2) N, CR. Endemic. Armed cushion-type leafless succulent.

*Euphorbia gillettii* Bally & S. Carter ssp. *gillettii* & ssp. *tenuior* S. Carter  
N (Kazmi 1985). Endemic.

*Euphorbia* (cf.) *giumboensis* Haessbr.  
(0)1 CR; S (Cuf. 1958). Endemic.  
?Subsucculent shrub.

*Euphorbia glochidiata* Pax  
DABO (B)  
KABAYARE? (GAABO YAR YAR, GAB YER) (B)  
GALALIYO (GALALIYO) (B)  
DHARKAYN GAB (DHARKEEN GAAB) (B)  
GAHAR (C)  
(7) CR; S (Cuf. 1958). Armed leafless erect or scandent succulent.

*Euphorbia golisana* N.E.Br.  
(1) N mts. Endemic. Armed cushion succulent.

*Euphorbia gorinii* Chiov.  
KUSAMBAR (MOG)  
(1) N; S (Cuf. 1958). Annual, ?is it subsucculent.

*Euphorbia graniticola* (*E. aegyptiaca* Boiss.)  
?S (Cuf. 1958).

*Euphorbia granulata* Forsk. incl. var. *dentata* N.E.Br. & var. *glabrata* (Gay) Boiss.

NAYLA ABABIS (NAILAKUBIS, NAILA ABABIS, NAILA KURIYE) (G, M, MOG)

BARAR KURIS (G)

KABA-GOOYS (KABOGOIS, KABAGOIS) (G, C)

GEED CAANOLE (GHED-ANOLE) (C)

(7) N, S, Jowhar; Muq. & S (Chiov. 1932).  
Prostrate little annual.

*Euphorbia grosseri* Pax  
ENGIR (G)  
WANLE (UANLE) (C)

DALMOC, DOMOC, DOMOK (C)  
CR, S (Cuf. 1958).

*Euphorbia hadramautica* Bak.  
N (Cuf. 1958), CR (Kazmi 1985).

*Euphorbia hararensis* Pax (not *E. candelabrum* sensu Kazmi 1985; possibly a form of *E. abyssinica* J.F. Gmel.; *E. grandis* Lam. sensu Cuf. 1958)

HADAN (G)

XASADIN (HASADIN, HASSADIN) (C, G, M, NWR)  
N (Cuf. 1958). Endemic.

*Euphorbia heterophylla* L. (*E. geniculata* Ortega)  
EX: weed.  
Muq. (Raimondo et al. 1981). Annual.

*Euphorbia hirta* L.  
GEED CAANOD (MOG)  
(2) S; Jowhar; N (Cuf. 1958).  
(Sub)prostrate little annual.

*Euphorbia hypericifolia*  
GEED GUUMOO (SARD)

*Euphorbia immersa* Bally  
N (Kazmi 1985). Endemic.

*Euphorbia inaequilatera* Sond. (*E. inaequalis* N.E.Br.)  
(5) N, CR; Muq. (Raimondo et al. 1981). Tiny prostrate (erect) annual.

*Euphorbia inaequispina* N.E.Br.  
ABERA (G)

DADAN (MOG)

GABO-JARJAR? (GABO-JARJAR) (G)

(4) CR, N (incl. Cuf. 1958); only Beledweyne acc. to S. Carter. Endemic. Armed subprostrate or erect leafless succulent.

*Euphorbia inculta* Bally  
(1) N (Kazmi 1985). Endemic. Armed leafless succulent to 2 m.

*Euphorbia indica* Lam.

GEED CAANOD (GHED-ANOD, GHETANO) (C)

GEED-GUUMOO (Z)

EX: weed.

(1) An introduced weed which in E Trop. Afr. has long been wrongly known as *E.*

- hypericifolia L. (Kazmi 1985).  
(?Subsucculent) annual.
- Euphorbia intricata* S. Carter  
(3) CR; S (Carter ?1985). Unarmed dwarf  
shrub & shrub.
- Euphorbia* sp. aff. *E. kelleri* Pax var.  
*latifolia* Pax  
(3) S, CR. Narrow shrub.
- Euphorbia leucochlamys* Chiov.  
ENCHER, AINCHER (C, MOG)  
(4) N, incl. between Garoowe &  
Gardho (Gardo). Endemic. Shrub.
- Euphorbia longetuberculosa* Boiss.  
AGADIN (MOG) DALLAN DILO (MOG)  
LAN AMBAR (MOG)  
SEED CANBAR/CAMBAR (GEDAMBAR, ED  
AMBAR) (G, MOG)  
(12) 1 S, CR, N. Unarmed succulent.
- Euphorbia longispina* Chiov.  
QABAY (KH)  
QABO (GABO, HABOH) (MOG, KH)  
(12) 1 CR. Armed leafless succulent.
- Euphorbia* n. sp. aff. *E. matabelensis* Pax  
DHIRINDHIR (KH, L)  
1(5) CR. Armed shrub, small tree.
- Euphorbia migiurtinorum* Chiov.  
QABAYAR (KH)  
KABIR (KH)  
(6) CR; N (Cuf. 1958). Armed leafless  
succulent.
- Euphorbia mitriformis* Bally & S. Carter  
N (Kazmi 1985). Endemic.
- Euphorbia* sp. aff. *E. monacantha* Pax  
DHIRINDHIR (DARANDOR) (MOG)  
DELANYA DURH (MOG)  
DONEDUGH (G)  
(8) N incl. Garoowe & Laas Caanood. Armed  
leafless succulent.
- Euphorbia mosaica* Bally & S. Carter  
(1) N. Endemic. Dwarf succulent.
- Euphorbia multiclava* Bally & S. Carter  
(3) N incl. Laas Caanood. Endemic. Armed  
dwarf succulent.
- Euphorbia* n. sp. aff. *E. multiclava* Bally &  
S. Carter  
(1) N; CR, N (Carter 1986). Endemic.  
Armed cushion-like succulent.
- Euphorbia napoides* Pax  
N, ?other (Cuf. 1958).
- Euphorbia nigrispina* N.E. Br.  
DIBU (MOG, G, C)  
(4) N: ?CR (cf. Cuf. 1958). Armed leafless  
branched shrubby succulent.
- Euphorbia nogalensis* (Haessler) S. Carter  
ined.  
CR?? Endemic. Subsucculent shrub.
- Euphorbia noxia* Pax  
DHICIR? (DE-ERH) (MOG)  
FALANFELCHO (C)  
(2) N. Endemic. Single-stemmed little  
tree.
- Euphorbia* sp. aff. *E. nubica* N.E. Br. & *E.*  
*schimperi* Presl  
Beckett 631, Gillett 22266  
ERGIN (MOG, G, M)  
(8) N, S, CR. Scrambling usually leafless  
succulent shrub.
- Euphorbia* sp. aff. *E. nubica* N.E. Br. (*E.*  
*"gossypina"*)  
CIIN (IN, EIN, EN) (G, MOG, M)  
ENJIR (G)  
(2) N, S. Succulent forb, prostrate or  
straggling becoming a ropy vine.
- Euphorbia ogadenensis* Bally & S. Carter  
Ogaden (Carter ?1985), possibly CR. Similar  
to *E. noxia*.
- Euphorbia perangustifolia* S. Carter  
NE Kenya (Carter ?1984), maybe expected S  
Som. An annual like *E. acalyphoides*.
- Euphorbia phillipsiae* N.E. Br.  
N (Cuf. 1958). Endemic.
- Euphorbia polyantha* Pax  
(2) CR. Straggling-scrambling or erect  
shrub.
- Euphorbia polycnemoides*

N (Cuf. 1958).

*Euphorbia pulcherrima* Willd.

EX: ornamental shrub.

2( ) Afgooye.

*Euphorbia reptans* Bally & S. Carter  
N (Kazmi 1985). Endemic.

*Euphorbia robecchii* Pax (*E. ruspolii* Chiov.)

~~DHARKAYN (DARK-EIN, DHARKEEN, DARKEIN,  
DURKAIN, DARKAIN) (M, M, C, B, KTS, MOG, G, MIS)~~

~~CABEBI, CADEBI (C, G)~~

(3) N, CR, S. Succulent leafless tree, armed  
when young.

*Euphorbia sacchii* Chiov.  
S (Cuf. 1958).

*Euphorbia scheffleri* Pax

ANJIR (KTS)

1(3)1 S, CR. (Sub)succulent shrub & small  
tree.

*Euphorbia* sp. aff. *E. schimperi* Presl var.  
*nubica* (N.E.Br.) Bally & S. Carter

(2) N. Succulent shrub.

*Euphorbia schimperiana* Scheele (*E.*  
*longecornuta* Pax)

(4) N. Annual (biennial?) (woody) forb.

*Euphorbia schizacantha* Pax (*E. chamaecormos*  
Chiov.)

(6) CR, S; N (Cuf. 1958). Armed leafless  
succulent, with short erect stem &  
trailing branches [JBG/Carter] mostly  
scandent scrambly, can be erect.

*Euphorbia* n.sp. aff. *E. schizacantha* Pax  
(1) N. Endemic. Armed tufted succulent.

*Euphorbia scoparia* N.E.Br.

MIRHIG YER (MOG, G), MIRHIG (G)

(1) N. Unarmed ?shrub.

*Euphorbia scordifolia* Jacq.

(2) N. Prostrate annual.

*Euphorbia* sp. aff. *E. scordifolia* Jacq.  
Muq. acc. to Carter 1986, pers. com.

*Euphorbia sennii* Chiov.

ENGIR (C)

S (Cuf. 1958).

*Euphorbia sepulta* Bally & S. Carter  
N. Endemic. (Bally & Carter 1976, p. ).

*Euphorbia* n.sp. aff. *E. somalensis* Pax  
(Includes all material collected in  
Somalia & named as *E. somalensis* Pax; the  
type of the latter is from Ogaden & the  
taxon has never been found in Somalia in  
its current political boundaries.)

~~SEED CAANOOD (M)~~

~~ENCHER, HENGIR, ENGIR (C, G, MOG)~~

~~FALANFALXO (FALLAN-FALLHO, FALLAH-FALLAH, FALAN  
FALHO, FALLA FALLA, FALLON FALLHO) (G, MOG, W)~~

~~SHIQO (EA)~~

~~(13)1 CR, N. Shrub (tree).~~

*Euphorbia systyla* Edgew.

LANAMBAR (G)

SOUL (C)

(2) N. Dwarf shrub (shrub?).

*Euphorbia tirucalli* L. (*E. scoparia* N.E.Br.)

MIRHIG YER (MOG, G), MIRHIG (G)

DANO (DANNO, DANIA, DANIE) (G, B, C, MOG, M)

EX.

2(3) S, Afgooye, possibly N; from Gaalkacyo  
southward acc. to Kazmi 1985. Succulent  
unarmed bushy tree, also very compact  
shrub.

*Euphorbia* sec. *Tirucalli* n.sp. = B & M  
15845, G & W 23500

~~CLIDI-SHABEEL (B)~~

~~WADIIDIG, WADIDUK (B)~~

~~(2) Compact cushion or small shrub.~~

*Euphorbia tozzii* Chiov.

S (Cuf. 1958).

*Euphorbia* sp. aff. *E. triaculeata* Forsk.

GALAALIYO (B)

DANAYE DUGH, DANLAIYEDOH (G)

DANIEGO, DANEGO (C, G),

N (Cuf. 1958), S (HTS 1983). Succulent  
perennial.

*Euphorbia* n.spp. aff. *E. triaculeata* Forsk.

~~DULKMALABALE (MOG)~~

~~DANAYE DUGH, DALENYADU (MOG)~~

~~(7) 1 endemic species included here. N &  
CR: Mudug. Well-armed more or less  
cushionlike leafless succulents.~~

*Euphorbia turbiniformis* Chiov.  
N (Cuf. 1958), CR (Kazmi 1985). Endemic.

*Euphorbia zeylana* N.E.Br.  
N (Cuf. 1958).

*Euphorbia* sp.  
Hemming SRS 167/1  
?KELI (EA)  
S: 10 km NE of Hoddur, 4°18'N 43°54'E 635m  
Leafless armed succulent with single stem to  
3 m.

*Euphorbia* indet.  
GAGAB (M), GAGABO (M), GABAGABA (M)  
TEK TEK (MAC)  
KALALI (C)  
USCABE (C)  
ANGIR (C)  
KABIBI (C), KAWIWI (C)  
DUMAIGO (C)  
DALENYADU (C)

*Excoecaria bussei* (Pax) Pax (*Sapium bussei*)  
Boni Forest, Kenya thus expected SW Som.  
Deciduous shrub or small tree.

*Excoecaria madagascariensis* (Baill.)  
Muell. Arg.  
S: NE Bay Region (O'Brien 1986).

*Flueggea leucopyrus* Willd.  
LAFAAY (KH)  
ELAN (MOG)  
(3) CR, N. Armed shrub.

*Flueggea virosa* (Willd.) Voigt (*Securinega*  
*virosa* (Willd.) Baill.)  
ALAN, ELAN (G, MAC)  
ELAN DAMERA, ELAN-DAMERA (C, G)  
GOGON (MAC)  
CASUJRO (ASSURO) (MOG)  
MAJABE (MAGGIAVA) (C)  
XARARAY, XARARAY (HD, SAR)  
LAFAAY (HD)  
QAJAJALE (HD)  
GED' ODE (HD)  
GAMDOOR-CADE (HD)  
S(1)S N, CR, S. Shrub, may scramble  
slightly.

*Givotia gosai* Radc.-Sm.  
GOSSAI (KTS)

(1) CR; N (FTEA), S (Kazmi 1985). Shrub.

*Jatropha+ arguta\** Chiov.  
Type from Tigieglo.  
DHIIGLE (KH)  
ABOBO MADOW (KH)  
RUGUMBAX (ROGUMBA) (G, M)  
JILBADHIIG (JILBADIG) (MOG)  
US-CABE (C), UUSPUBE (KH)  
(9)2 CR, S; also N (Cuf. 1956). Armed  
shrub.

*Jatropha aspleniifolia* Pax  
FERUCHO (C)  
N (Cuf. 1956).

*Jatropha brockmanii* Hutch.  
SEEDAN (GEDAN) (G, M)  
JILBADHIIG (JILBADIG) (G)  
N (Cuf. 1956).

*Jatropha curcas* L.  
ANDELMELUC, ANDELMELUC, ANTHALMELOU (C, G)  
EX.  
S, ?elsewhere (Cuf. 1956). Subsucculent  
shrub or small tree.

*Jatropha dichter* Macbr. incl. var. *gracilior*  
A.R.-Sm. ined. (*J. ferox* Pax)  
DHIIGLE (DEEQLAY DHIG, DHIIGLAY, DHIGLE) (KH, L)  
DHIIGTAAR (DIGHDARR, DIGTAO, DIIG SAAR, DIKTAR,  
DHITAR, DEIGSAR, DIGSAR, DIKSARO, DICTAR,  
DICTAR, DHIRTAAG) (G, MOG, C, KTS, KH, W)  
RUGUMBAX (ROGOMBEH) (G, M)  
BILO (KTS)  
(19)1 CR, (?)S. Armed shrub.

*Jatropha ellenbeckii* Pax (*J. fissispina*  
Pax)  
LAAN BURAAD (B)  
UMBA WEILI-ED, UMBOWILLED (EA, MOG, B)  
DUFAIAA, DAFAIAA (G, MOG)  
DRESILE (Wo)  
HAMUR (EA)

+Review of Somali species by A. Radcliffe-Smith & C.H. Hemming to appear in Kew Bul. ?1988.

\**J. arguta*, *J. parvifolia* & *J. rivae* are closely related, in practice virtually indistinguishable, though A. Radcliffe-Smith now accepts a separation of the three. One or more of the vernacular names listed under *J. arguta* may apply to *J. parvifolia*.

(5)2 S, CR. Armed succulent shrub or singlestem forb, may be scandent.

*Jatropha* sp. aff. *glandulosa* Vahl  
Hemming SRS 278/2  
(0)1 S: SRS site 277 & 278. Soft shrub.

*Jatropha glauca* Vahl (*J. lobata* (Forsk.)  
Muell. Arg. incl. var. *pubescens* Chiov.)  
(1) CR; N, S (Cuf. 1956). Annual.

*Jatropha marginata* Chiov. (maybe incl. *J.*  
*crinita* Muell. Arg.)  
2(5)1 CR & S coast. Mildly armed low forb.

*Jatropha nogalensis* Chiov.  
TARRAXO (TARAO) (MOG)  
DOWAERE (MOG)  
(6) CR, N. Armed dwarf shrub.

*Jatropha* sp. aff. *nogalensis* & *spinosa*  
Lavranos & Carter 23364  
(0)1 CR: Jeriban. Armed dwarf shrub.

*Jatropha obbiadensis* Chiov.  
ABOBO MADOW (KH)  
TARRAXO (W)  
2(4)1 CR. Mildly armed (sub)succulent  
perennial.

*Jatropha palmatifida* Bak.  
GEEDAN (GEDAN) (G, M)  
?MOWO (MOG)  
JILBADHIIG (JILBADIG) (G)  
(2) N, also CR (cf. Cuf. 1956). Forb  
(woody?).

*Jatropha paradoxa* (Chiov.) Chiov.  
(*Collenucia paradoxa* Chiov.)  
(4) CR, Afgooeye. Densely spiny succulent.

*Jatropha parvifolia* [see also *J. arguta*]

*Jatropha pelargoniifolia* Courb. var.  
*pelargoniifolia* (*J. glandulosa* Vahl var.  
*pelargoniifolia* & var. *glandulosa*), var.  
*glabra* (Muell. Arg.) A. Radc.-Sm. & var.  
*sublobata* (Schwarz) A. Radc.-Sm. (*J.*  
*villosa* (Forsk.) Muell. Arg.)  
DHIIGLE/DEEGLAY? (DEGLO, DEGLE, DEGLEH)  
(MOG, C, KH)

JILBADHIIG (JILBADIG) (MOG)  
(19) CR, N, S. Perennial (dwarf) shrub,  
shrub, ?woody forb.

*Jatropha phillipsiae* Rendle  
GEEDAN, GED AN (G, MOG)  
GEDAWO (MOG)  
JILBADHIIG (JILBADIG) (MOG, G)  
(3) N. (Sub)succulent forb or soft dwarf  
shrub.

*Jatropha rivae* Pax  
TARRAXO (TARAO, TARRAO) (C, G)  
(1) Just S; S (Cuf. 1956). Very similar to  
*J. arguta*.

*Jatropha robecchii* Pax  
TARRAXO (TARAO) (MOG)  
(3) N; CR (Cuf. 1956). ?Subsucculent  
shrub.

*Jatropha robecchii* Pax vel sp. aff.  
Hemming & Watson 3259, Thulin & Warfa 5522  
(2) N: 10°49'N 46°59'E, & 11°15'N 51°00'E.  
Shrub.

*Jatropha rosea* A. Radc.-Sm. ined.  
CR.

*Jatropha somalensis* Pax (?belongs to *J.*  
*spinosa*)  
S (Cuf. 1956).

*Jatropha spinosa* (Forsk.) Vahl var.  
*somalensis* Pax  
GEEDAN (GEDAN, GED AN, GED AWA) (G, MOG, M)  
DAWA CERI (DAWA ERI) (G, M)  
JILBADHIIG (JILBADIG, JILBO)  
(G, MOG, NWR)  
GED-GODHED (C)  
(2) N. Shrub?

*Jatropha stuhlmannii* Pax  
Fischer 1640  
S: 02°08'N 42°53'E (K).

*Jatropha tetracantha* Chiov.  
S (Cuf. 1956).

*Jatropha trifida* Chiov.  
JABAAN-JOW (HD)  
ALBUN (G)  
2(1)2 S. Woody forb, ?dwarf shrub.

*Jatropha tropaeolifolia* Pax (*J.* sp. aff.  
*aculeatae* Steud. in part)  
AABEEY (KH), EEBY (KH)

JOHO(C)

(5) CR. Armed succulent.

*Jatropha variabilis* A. Radc. - Sm.  
N (& K[?]) (Radc. - Sm. ?1984, p. 789).

*Jatropha* ?n.sp. aff. *J. parvifolia* Chiov.  
(1) S. Shrub.

*Jatropha* sp.  
Thulin & Warfa 5581  
(1) N: Ras Hantara, between Bosaso &  
Candala. Succulent shrub.

*Jatropha* indet.  
ISQUBU(M)  
GEED QADHEED(M), GEED QOREED(M)  
LAMAGOYE(LAMMAGOIA)(C)  
GED-AWAO(C)

*Manihot esculenta* Crantz (M. aipi Pohl)  
MOXOGO(MOOGO, MOHOGO)(C)  
BATATA(C)  
MANYANGA?(MANANGA)(C)

EX.  
S (Cuf. 1956). Large woody forb or small  
tree.

*Manihot glaziovii* Muell. Arg.  
EX.  
S (Cuf. 1956). Shrub or small tree.

*Margaritaria discoidea* (Baill.) Webster  
Boni Forest, Kenya thus expected SW Som.  
Shrub or tree.

*Meineckia phyllanthoides* Baill. ssp.  
*somalensis* (Pax) Webster (Cluytiandra  
*somalensis* Pax in part)  
(1) CR; prob. S. Dwarf shrub or woody  
forb.

*Micrococca mercurialis* (L.) Benth.  
S (Cuf. 1956). Annual.

*Monadenium ellenbeckii* N.E.Br.  
N (Cuf. 1958). Succulent perennial forb (or  
shrub?).

*Monadenium* n.sp. aff. *M. ellenbeckii* N.E.Br.  
Gillett et al. 22265.  
CR: SW of Hobyo. Endemic.

*Monadenium erubescens* (Rendle) N.E.Br.

N (Cuf. 1958). Small succulent.

*Monadenium stellatum* Bally (M. guentheri  
Chiov. non Pax, M. guentheri Pax)

GABAYAR(KH)XAMAKOH(AMACDU)(G,M)

(6) CR, S. Endemic. Armed more or less  
leafless columnar succulent.

*Oldfieldia somalensis* (Chiov.) Milne-Redh.  
(*Cecchia somalensis* Chiov.)

WAME?(UAMI)(G)

S (Cuf. 1956). Evergreen tree.

*Phyllanthus amarus* Schum. & Thonn.  
(1) S; maybe expected CR & N; Djibouti (K).  
Small annual (woody) forb.

*Phyllanthus hildebrandtii* Pax  
RUGUMBAX(ROGUMBA)(G,M)  
AIKSARO(G)  
KABOGOOS(KABOGOIS)(G)  
(1) N. Woody forb?

*Phyllanthus kaessneri* Hutch.  
Boni Forest, Kenya thus expected SW Som.  
Shrub or small tree.

*Phyllanthus maderaspatensis* L.  
BUQBUQATO(KH)  
RUGUMBAX(ROGUMBA, RUGONBE, RUGUMBEH,  
RUGUMBER, RUGUNBE)(G,M)  
(6) S; Muq. (Chiov. 1932); also N (Cuf.  
1956); [N, CR, S fide J.B. Gillett].  
Perennial-annual (woody) forb, ?dwarf  
shrub.

*Phyllanthus* sp. aff. *maderaspatensis* L.  
Bally & Melville 15490  
N: Wadi Nogal (K). Dwarf shrub.

*Phyllanthus pentandrus* Schum. & Thonn.  
(1) N. Dwarf shrub (annual forb acc. to  
FTEA!).

*Phyllanthus pinnatus* (Wight) Webster  
S (FTEA); on Som./Kenya border only, acc. to  
J.B. Gillett. Shrub.

*Phyllanthus pseudoniruri* Muell. Arg. (P.  
'niruri' L.)  
MURIOLE(C)

Merca (Pol. & Chiov. 1934); N, S (Cuf. 1956).  
Annual (or perennial) erect or prostrate  
forb or dwarf shrub.

*Phyllanthus reticulatus* Poir.  
MAQABE? (MACCIABE, MAGIABBE) (C, G)  
CR, S (Cuf. 1956). Shrub or small tree.

*Phyllanthus rotundifolius* Willd.  
Merca (Pol. & Chiov. 1934); N, S (Cuf. 1956).  
Annual (or perennial).

*Phyllanthus somalensis* Hutch. (*Cluytiandra*  
*somalensis* Pax in part)

GEED BIYODD (GEED BIYE) (B)

GEED-HAAREM (EA)

DELAAL (EA)

MAJABE (MAJAB, WACHAB) (KTS, HD, B, EA)

DON FAAR GOD/DOFAAR GOD (DON FAAR GOD, DO FARA  
GOD) (B)

GOMBER (MAC)

GAMOODR, GUMMUR (MAC, HD)

JAMBO (HD)

4(9)6 S, CR. Shrub in alluvial, seasonally  
flooded sites.

*Phyllanthus spinosus* Chiov.

NAGAAR (NAGAR) (MOG)

RUQSACADE (KH)

(B) CR, N. (Weakly) armed dwarf shrub.

*Phyllanthus suffrutescens* Pax

Bally 11155

N: Al Madu range (K). Dwarf shrub.

*Phyllanthus indet.*

RAAYDOLE (MOG)

HABAANTIR (HD)

*Ricinus communis* L. [var. *communis*, var.  
*africanus* (Willd.) Muell.Arg., var.  
*microcarpus* (Willd.) Muell.Arg. - not  
worth retaining]

BOA, BOR (G)

BOAH MEDU (G)

DALILE (G)

IOFOILE (G, C)

BALAMBAL/BALANBAL (BALAMBAL, BALAMBAL, BALAN,  
BALON, MBALICA) (C, HD)

5(5) N, CR, Afigooye, Balcad. Robust forb,  
can be treelike.

*Spirostachys venenifera* (Pax) Pax  
(*Excoecaria venenifera* Pax)

GETHUGETHISS (KTS)

WALKOU (EA)

WARANKOYLE (M)

1(1)2 S. Tree, (shrub).

159 *Suregada procera* (Prain) Croizat (*Gelonium*  
*procerum* Prain)

WANEY, WANI (B, MOG)

(1) S. Scandent or erect evergreen shrub  
or small tree.

*Suregada zanzibariensis* Baill. (*Gelonium*  
*zanzibariense* (Baill.) Muell.Arg.)

INDIISI (SAR, MOG)

(1) S. Evergreen shrub or small tree.

*Tragia brevipes* Pax

GABBALDAY/GABBALDAYE (GAB EL DEYE, GOB

DAHEYO) (G, M)

(1) S; N (Cuf. 1956). Erect or more often  
twining-clambering woody forb or shrub.

*Tragia cinerea* (Pax) M.G. Gilbert & A. Radc. -  
Sm. (*T. pungens* (Forsk.) Muell.Arg. var.  
*cinerea* (Pax) Pax)

QUBDEHEIJU (C)

N (Cuf. 1956). Twining perennial.

*Tragia gallabatensis* Prain (*T. tripartita*  
Prain)

1( ) Afigooye; Jowhar (Chiov. 1934).

Probably stinging scrambler, looks a lot  
like *T. hildebrandtii*.

*Tragia hildebrandtii* Muell.Arg. (*T.*  
*plukenetii* A. Radc. - Sm., *T. cannabina* L. f.)  
[Note that *T. hildebrandtii* is given  
species status in FTEA, on the strength of  
its entire blade vs. 3-lobed in *T.*  
*plukenetii*]

CANAANYO (CANAANIYE, ANNA NI, ANNI-NI, ?ANANIA,  
?ANANIE) (C, B, HD, MOG, KH)

GUBTAANYA/GUBTAHANYO (GOUBTINIO, GUBTINIO,  
GUBTANIYO) (C)

HAJIN-GUAAYED (MOG)

3(4) Afigooye, S; also N (Cuf. 1956).

Perennial woody forb or forb with stinging  
hairs.

*Tragia* sp. aff. *plukenetii* A. Radc. - Sm.  
Gillett & Hemming 24732

(1) S: 2° 19' N 42° 31' E.



*Tragia pungens* (Forsk.) Muell.Arg. (T.  
arabica Prain, T. parvifolia Pax)  
Muell.Arg.)

DURKA(G)

(5) N. Ascending or climbing (woody) forb  
with stinging hairs.

*Tragia rhoicifolia* Chiov. (1929)

Type from NE.

(1) NE. Dwarf shrub, fiercely stinging.

*Tragiella pavoniifolia* Chiov. (aff. T.  
natalense (Sond.) Pax)

CR (Chiov. 1929). Twining forb with  
stinging hairs.

GEN. UNKN. poss. nr. *Thecacorus*

O'Brien 71

S: Bur Hebye ((?)K).

*Potentilla reptans* L.

EX.

Muq. (Ali 1986).

*Rosa abyssinica* Lindl.

GA-AGA(G)

DAYERO(C)

(2) N mts. Woody vine, shrub.

EXCLUDED: *Prunus africana* (Hook.f.) Kalkm.

(*Pygeum africanum* (Hook.f.))

EXCLUDED:

*Euphorbia engleri* Pax GEED ARAR

(GHEDARAR)(C) S acc. to Cuf. 1958, but  
very doubtful acc. to S.Carter.

*Euphorbia infausta* N.E.Br.

*E. jatrophioides* Pax S acc. to Kazmi  
1985; doubtful record.

*E. sp.* nr. *E. jatrophioides* Pax At MOG;  
doubtful record.

*E. joyae* Bally & S.Carter NE Kenya, not  
Somalia.

*E. nyikae* Pax Doubtful.

*E. tetracantha* Rendle Eth., not Som.

*E. thi* Schweinf. Prob. does not occur in  
Somalia.

*Jatropha aethiopica* Muell.Arg. SU-HINII(C)

S (Cuf. 1956), but not Som. fide

J.B.Gillett.

*Jatropha hildebrandtii* Pax Prob. S acc. to

Cuf. 1956), but has not been found in  
Somalia.

*Jatropha spicata* Pax (1)1 Acc. to FTEA,

distributed from cent. Kenya westward &

southward; perhaps the Somali plant is

actually *J. hildebrandtii*.

*Jatropha velutina* Pax & K.Hoffm. (perhaps

incl. *J. stuhlmannii* Pax) S acc. to Cuf.

1956; expected CR acc. to ?Chiov. Has not

been found in Somalia.

Legum. 146 CAESALPINIACEAE  
FTEA 1967

*Afzelia quanzensis* Welw.  
DHANBAL, DABAL, ABAL, ABAAL (B, MOG)  
GEED BUUREED (GOD BURED) (B, MOG)  
WANEY (WANEI, WANI) (B, MOG)  
ATIS-COLLO (C)  
SHOWRI? (SCIAURRI) (C)

(3)1 S; probably not into CR. Tree to 20 m, also large shrub. Bur Akaba is the most northerly locality in eastern Africa.

*Bauhinia buscalionii* Mattei  
?BASSAC (MOG)  
(6)1 CR, S. Shrub, dwarf shrub, woody scrambler.

*Bauhinia ellenbeckii* Harms  
BILCIL (BILLIL, BELHEL) (C, B)  
(3)2 S, CR. Dwarf shrub, shrub.

*Bauhinia somalensis* Pic.-Ser. & Rot.-Mic.  
(4) CR, N. Shrub.

*Bauhinia tomentosa* L.  
DEM-BILCIL? (DEM-BILEL) (C)  
S. Shrub or small tree.

*Caesalpinia bessac* Chiov. [fide Thulin]

*Caesalpinia bonduc* (L.) Roxb. (*C. bonducella* (L.) Flem.)  
CURUNGURIU, GURUM-GURIU, GURUNGURIU (C)  
S (Cuf. 1955). Armed shrub, may sprawl or scramble.

*Caesalpinia erianthera* Chiov. var.  
erianthera & var. pubescens Brenan  
CADAAD GALDOL (KH)  
GOODHI (GOODI, KODI) (KTS, 1, KH, Wo)  
JALEEFAN (JALEFON) (MOG)  
HI-GUDUD (MOG)  
JIRMO/JIRME (JIRIMI, JIRMI, JERMI) (G, C, MOG)  
GURI? (HORI, GHURI, GHURRIHURI, GUNDI, GHURI, URI)  
(C, B, G, MOG)  
BISIQ (BESSAC) (G)  
(23) CR, N, ?S. Armed dwarf shrub, shrub & tree.

*Caesalpinia oligophylla* Harms [(incl. *C. bessac* Chiov., ?*C. trothae* in part) - not acc. to Thulin]

DANSEY (KH)  
CIDAD? (IDAD) (C)  
BISIQ (BESSAC) (C)  
(7)2 Armed shrub.

*Caesalpinia pulcherrima* (L.) Sw. (*Poinciana pulcherrima* L.)  
MALLINNI (C)  
EX.

2(2) N; Afgooye (Pol. & Chiov. 1934). Armed or unarmed shrub (tree).

*Caesalpinia trothae* Harms ssp. *erlangeri* (Harms) Brenan (*C. erlangeri* Harms)  
GEEL-REEB (GELREB) (C, KTS)  
FURGURGUR (C, KTS)  
GOR-GOR, GORGOR, GORRA GORRO (B, C, KTS, MOG, HD)  
CIDDI-GUDUD (EDI-GUD, EDI-GUDUD, CEDA GOOD, ED GUD, CIDI GOOD, CEEDI GUDU) (MOG, B)  
1(9)4 CR, S. Armed shrub, may scramble.

*Caesalpinia* sp.  
Gillett & Hemming 24776, 24783  
(0)2 S. Armed shrub.

*Cassia*+ *abbreviata* Oliv. ssp. *beareana* (Holmes) Bren. (incl. *C. atroreticulata* Chiov.)

DOMA DHERE, DOMADERI, DOMMADERA (KTS, B)  
LUO GALAL (B)  
SALMA SALMI (B)  
LOMOT (MOG)  
RABIA, RABAI, RUBBAIA (C, MOG)  
SALMI (B)  
DHUUMOOD (LOMOT, DUMOT) (B)  
YUSUR, U SUR (B)  
BOIA (C)  
UNNE, URME (C)  
MEHDEI (C)  
MUKULISIINGA (SAR, MOG)

+Students of the Leguminosae are generally agreed that *Cassia* in the Old World should be divided into 3 genera, as has already been done for the New World species by Irwin & Barneby (1982). These are:

1. *Cassia* s.str., including *C. abbreviata*, *C. afrodistula*.
2. *Senna*, including *C. adenensis*, *C. humifusa*, *C. italica*, *C. senna*, *C. ruspolii*, etc.
3. *Chamaecrista*, including *C. absus*, *C. fallacina*, *C. grantii*, *C. hildebrandtii*, *C. mimosoides*, *C. puccioniana*, *C. zambesica*.

(5) S, CR. Tree.

*Cassia absus* L.

(3)1 S. Annual (or short-lived perennial).

*Cassia adenensis* Benth.

UEGHEI (C)

JALELO (GALELO) (C)

CR (Chiov. 1934); N, S (Cuf. 1955).

*Cassia afrofistula* Brenan (C. fistula sensu  
Auctt. non L.)

S. Shrub, small tree.

*Cassia baccarinii* Chiov.

GEEL-FIJIS (GEL-FIJJIS, GEL FIJIS) (Z, KTS)

SALAMAKI (MOG)

[HAN]JALELO (AGELELO) (C)

GEED-MADDOE (GHED-MEDU) (C)

(4)1 N, S. Street ornamental in Muq.

Shrub, (small tree?).

*Cassia bicapsularis* L.

EX.

(1) N; S (Cuf. 1955); possibly expected  
CR. Shrub, often scrambling or climbing.

*Cassia ellisiae* Brenan

JIRIIR (KH)

JALELO (GIALELO) (MOG, Z, KH)

JALELO-GEEL (JALELLO GIL, JALELO GEL) (MOG, Z)

(10) CR, (?) prob. S. Shrub.

*Cassia fallacina* Chiov.

CILAN-JINNI (ELLAN-GIN, ILLAN-GIUNI) (C, Z)

BARAR-DUC (Z)

MBEMBA (Z)

DHAAY-ILMOOD (HD)

( )1 S. Perennial woody forb.

*Cassia grantii* Oliv.

S (Cuf. 1955). Perennial woody forb (or  
scrambler).

*Cassia hildebrandtii* Vatke var.

*hildebrandtii*

S (Kazmi 1985), N (Thulin 1983); N, S (fide  
Thulin). Perennial forb.

*Cassia holosericea* Fres.

JALELO (JALELLO, GELELLO, GELLELO, JALELO) (C, G,  
MOG, W)

JALELO-ARI (JALELO-ARI) (G)

SENNA (G)

(B)1 CR, N, ?S. Forb, scrambling or  
prostrate; or dwarf shrub.

*Cassia humifusa* Brenan

SALMA SALMI, SALMI SELMI (B)

(2)3 S. Prostrate forb.

*Cassia italica* (Mill.) W.F. Andr. ssp.

*italica* & ssp. *micrantha* Brenan (C.

*obovata* Collad.) (very similar to C.  
*holosericea*)

JALELO (HANJALELO) (CHELLELO, GELELLO, YALELO,

JALLELLO, HANJALEYO) (C, M, NWR)

JALELO-ARI (JALELO-ARI) (Z)

JALELO-GEEL (JALELO GEL) (Z)

?SANAMACHI, ?SENAMAKI, ?SENAMACHI (C)

(1) N; CR (Chiov. 1929). Perennial forb  
or dwarf shrub, often prostrate.

*Cassia longiracemosa* Vatke

JALELO/HANJALELO (GIALELO, JALELO) (G, KH, M)

JALELO-GEEL (JALELO GEL) (MOG)

NIGO FIGIIS (B)

GEED-JINNI (GEED JINI, GED JINI, GED

CHINI) (MOG, B)

FIYORO, FIYOROW (FIYORO) (B, MOG)

DONCHE (C)

SCIEN SCECABILE (Z)

SHURBATI-NEBI (EA)

UR-URIYE (HD)

5(10)4 N, CR, S (cf. Cuf. 1955). Shrub &  
small tree, also ?shrubby forb.

*Cassia mimosoides* L.

Boni Forest, Kenya thus expected SW Som.

Prostrate to erect (woody) forb, usually  
annual.

*Cassia obtusifolia* L.

SHELO SHELO (MOG)

S (MAC). Annual or biennial forb or dwarf  
shrub.

*Cassia occidentalis* L.

SHOLASHOLAH (SHONAH-SHONAH, SHUNA-SHUNA, SHUNO-  
SHUNO) (G, Z, Ali 1986, M)

GEED-DAMEER (GHED-DEMER) (C)

SAMO (Z)

MARAB-GUINI (Z)

EX: weed.

4(2)1 N, S incl. Afgooye; common in Muqdishu  
area; probably CR. Annual (woody) forb.

*Cassia puccioniana* Chiov.

1(5)1 CR,N,?S. Dwarf shrub & shrub.

*Cassia ruspolii* Chiov. (*Senna ruspolii* (Chiov.) Lock)

(6)2 S,CR. Woody forb, dwarf shrub.

*Cassia senna* L. var. *senna* & var. *obtusata* Brenan (*C. angustifolia* Vahl, prob. *C. alexandrina* (Gars.Mill.) Thell.; *Senna alexandrina* Mill. var. *obtusata* (Brenan) Lock) (Acc. to , *C. senna* = *C. acutifolia* is found in Sudan-Mediterranean, while the Somali plant is *C. angustifolia* = *C. lanceolata*)

JALELO (GALLELA, DJELLELA) (C)

JALELO-GEEL (JALELO-GEL, JALELO GIL, JALELO GEL) (C, MOG, Z)

SHUBTA NABA, SHURBATO NABO (B, MOG)

SALMUKO/SALBUKO (SALMA KOO, SALMUKO, SARA MARKA, SELMAKO) (MOG, B, EA, Wo)

(12)1 CR,N,?S. Shrub, woody forb.

*Cassia siamea* Lam.

EX: cultivated tree.

3( ) Afgooye southward. Naturalized on Jubba R. (M.H.Madany pers.com.)

*Cassia somalensis* Serrato

JALELO-GEEL (GELELO GEL) (Z)

(2) N. Woody forb or shrub.

*Cassia sophera* L.

EX.  
Som. (Cuf. 1955). Dwarf shrub or shrub.

*Cassia truncata* Brenan

JALELO/HANJALELO (ANJALELO, JALELO) (KH, L, W, Z)

JALELO-ARI (JALELO ARI) (MOG, Z)

2(8) CR. Dwarf shrub, shrub, woody forb.

*Cassia zambesica* Oliv.

(1)1 S. Subprostrate (?slightly woody) perennial.

*Cassia* sec. *Chamaecrista* ?n.sp.  
Gillett & Hemming 24518

(1) S. Low dwarf shrub or woody forb.

*Cassia* indet.

DIGIR-JINNI (M)

*Ceratonia oreothauma* Hillc., Lewis & Verdc.  
ssp. *somalensis* Hillc., Lewis & Verdc.

(2) N mts. Tree.

*Cordeauxia edulis* Hemsl.

GUD (GUDA, GUDE, GUT) (M, G, KH, C)

DIBUDDAY (M)

?QURAC (M)

JIIC (M)

Fruit: YICIB/JICIB (YE-EB, GIAHEB, GIEB, JEBB, JEE-EP, JIEHEB, YE-EB-EH, YEHEB, GIAEB, GIAHEB, GIEHEB, IEEBB, IEE-EP, IEHEB, IIEB, JEEBB, JIEHEB, YE'EB, YEE-EP, YEHIB, JECEB) (C, M, KH, MOG, G, B, MIS)

(16)1 CR. Evergreen shrub.

*Cordyla somalensis* Gillett ssp. *somalensis* & ssp. *littoralis* Gillett

ONTAR/ONTOR, poss. ONTORRO (ONTORO, UNTORO, HONTORO, ANTORRE, ANTORRO, HONTOR, HUNTAR, ONTORO, UNTORO, HONTORRO, UNTAR) (M, KH, MOG, G, C, Z, MIS)

GOSI (Gillett 19 )

2(18)2 CR,S. Broad shrub & tree.

*Delonix baccal* (Chiov.) Bak.f. (*Poinciana baccal* Chiov.)

BAKAL (BOKOL, BOKAL, BACCAL) (B, MOG, C, KTS, M)

?LEBI (MOG)

(6)1 CR,S. Tree.

*Delonix elata* (L.) Gamble (*Poinciana elata* L.)

LEBI (LEBBI, DEBI, LAVI, LEBBIH, LEVI, LOVI, LOWI) (C, MOG, G, B, M, KTS, KH, MIS, W, Ali 1986)

4(14)1 CR,N,S. Tree.

*Delonix regia* (Hook.) Raf.

EX: ornamental tree.

1( ) Afgooye, Muq.; naturalized along Jubba R. (M.H.Madany pers.com.)

*Dialium orientale* Bak.f. (*Senna sciap- scaple* Chiov. of Sapindaceae)

SHABSHABLE? (SCIAP-SCIAPLE) (C)

(1)1 S. Shrubby tree.

*Parkinsonia aculeata* L.

GEED WALAAYO (MOG)

EX.

5(1) Planted Jowhar, Afgooye; also N (Cuf. 1955). Armed small tree.

*Parkinsonia anacantha* Brenan

(0)1 S. Small tree, shrub.

*parkinsonia raimondoi* Brenan  
(5) CR, Muq. Small tree, (shrub).

*parkinsonia scioana* (Chiov.) Brenan  
(*Peltophorum scioanum* (Chiov.) Bak.,  
*Peltophoropsis scioana* Chiov., *Caesalpinia*  
*gillettii* Hutch. & Bruce)

BILCIL (KH)

LABICAD (KH)

SHAMAMAXEYE (KH)

KIRKRE LEPIAD (KH)

QURRI (KH)

LEBI-YAR/LEBI-YER (LEBI YERO) (G)

LUMBA (G, C)

GHRIA-GORLEYE, HRIA-GORLEH, HRIA GORLEYE (G, C)  
(11) 1 N, S, CR. Armed shrub & small tree.

*Piliostigma thonningii* (Schum.) Milne-Redh.  
Merca (Pol. & Chiov. 1934) but this is  
dubious; expected SW since found in Boni  
Forest, Kenya.

*Pterolobium stellatum* (Forsk.) Brenan  
(*Cantuffa stellata* (Forsk.) Chiov.)

LIBAAX-HALALALIS (LIBAH-HALALALIS) (C)

(1) N. Armed woody vine.

*Tamarindus indica* L. incl. var. *emarginata*  
Chiov. (incl. *J. somalensis* Mattei)

XAMAR (HAMAR) (G, KTS, M, MIS)

JIMIR-HINDI (M) [Arabic]

? JINNOW (M)

RAGAY/RAKHAY (ROGO, RAGAY, RACAI, RAGAI, RAGHAI,  
RAKHI, ROCO, RUGHE, ROHKAN) (M, M, MOG, B, C, G,  
EA, MIS, SAR)

2(4) S, CR. Tree.

*Tylosema argentea* (Chiov.) Brenan (*Bauhinia*  
*argentea* Chiov.)

BUR GUDEY, BUR GUDI (B)

BABATIRA (EA)

(1) 3 CR, S. Small vine.

*Tylosema humifusa* (Pic.-Ser. & Rot.-Mic.)  
Brenan (*Bauhinia humifusa* Pic.-Ser. &  
Rot.-Mic.)

N Kenya & N Somalia. Creeping perennial.

EXCLUDED:

*Caesalpinia decapetala* (Roth) Alston S  
(Cuf. 1955).

*Caesalpinia volkensii* Harms S (Cuf.  
1955).

*Cassia didymobotrya* Fres. ?N (Cuf. 1955).  
*Cassia singueana* Del. S (Cuf. 1955).  
*Cordyla africana* Lour. Reported for CR & S  
by Cuf. (1955) but this is a species whose  
nearest approach to Som. is southern  
Kenya; all *Cordyla* specimens & Somali  
names refer to *C. somalensis*.

Legum. 147 MIMOSACEAE  
FTEA 1959, Ross 1979

*Acacia+ adenocalyx* Brenan & Exell  
Boni Forest, Kenya thus expected SW Som.  
Armed woody scrambler & shrub.

*Acacia albida* Del. (*Faidherbia albida* (Del.)  
A. Chev.)

GARBI (GARABI) (G)

(1) N. Armed tree.

*Acacia ancistroclada* Brenan  
Gillett et al. 21978, 22431

CR: 7° 10' N 47° 31' E, 5° 09' N 47° 59' E (K).

Shrub & small tree.

*Acacia ankokib* Chiov.

HANKOKIB (ANCOCHIP, ANCOCHIB, ANKOKIB) (C, G)

(6) N. Unarmed shrub & small tree.

*Acacia asak* (Forsk.) Willd. (*A. glaucophylla*  
A. Rich.)

JALEEFAN (M)

CADAAD (ADAD, ADED, HADAD) (G, C, MOG)

CADAAD-CAD (ADAD AD) (G)

CADAAD-MADOW (ADAD MEDU) (G)

REDE (C)

GUIDARR (C)

1(2) N mts; also CR (Buulo Burte) acc. to  
Chiov. 1934. Armed shrub or slender tree  
to 10 m.

*Acacia ?n.sp.nr. A. asak* (Forsk.) Willd.

+Two basic groups based on inflorescence  
type: 1. Globose -

2. Spicate -

(1) N. Shrub.

*Acacia brevis* Gillett ined. (*A. paradoxa* Chiov.)

CADAAD (ADAD) (MOG)

(3) CR. Armed dwarf shrub.

*Acacia brevispica* Harms ssp. *brevispica* [(*A. pennata* (L.) Willd.)]

GOR-GOR (MOG, B)

GANSAX (KANTAFI, KWANTA) (G)

LIBAAX-XAGGA-TALLAALIS (LIBAH-KHAGA-TALALIS) (G)

(4) N, CR, S (Kazmi 1985). Armed large shrub, straggling bush.

*Acacia bricchettiana* Chiov. (*A. gloveri* Gilliland)

GUMAR JEERIN (GUMMAR JERI) (B)

JIIQ (CHEEAK) (C)

(2) CR; N (Cuf. 1954); S (HTS 1983). Armed dwarf shrub, spreading.

*Acacia bussei* Sjoestedt (*A. benadirensis* sensu Chiov., in part)

GALDOL (GALLOL, GOLOL, GALOL, GOLOLL)

(L, B, M, M, G, KTS, C, MAC, EA, HD, NWR, MIS)

SARMAAN (SARMAN, SURRMANN) (G)

SARMAAN DHAADHEER (M)

(8) N, CR, S. Armed tree or shrub.

*Acacia caraniana* Chiov.

ALAKUYEL (MOG)

(2) N incl. just N (Laas Caanod, SE Nugaal). Armed slender tree.

*Acacia cheilanthifolia* Chiov. var. *cheilanthifolia* & var. *hirtella* Chiov.

WARWAROOD (W)

2(5) CR, N. Armed shrub & slender tree usually with a few long slender whippy branches.

*Acacia circummarginata* Chiov. (*A. glaucophylla* Steud., *A. senegal* var. *leiorhachis* Brenan)

REDE (G)

CADAAD (ADAD) (G)

CADAAD-MARODI (ADAD MARODI) (MOG, G)

CADAAD-GERI (ADAD-GHERI, IDAD-GERI) (C)

BE-HALI (C)

HIDAD-UAROT, IDAT-UAROT (C)

FERIA (KTS)

DAMAL/DAMBAL (HD)

1(5)1 N, S. Armed ?shrub, tree to 25 m.

*Acacia condyloclada* Chiov.

CADAAD-GERI (ADADGHERI) (KTS, M)

(1) N; NE Kenya, Ogaden (FTEA?). Armed tree.

*Acacia drepanolobium* Sjoestedt

Bally 9353, Hemming & Deshmukh JESS 86/146

FULAAY-BOOR (HD)

FULAAY BOORBOOR (M)

1( )1 S: near Jubba R. Armed shrub.

*Acacia edgeworthii* T. Anders. (*A. erythraea*

Chiov., *A. socotrana* Balf. f., *A.*

*pseudosocotrana* Chiov., *A. sultani* Chiov.;

incl. *A. humifusa* Chiov. acc. to Kazmi 1985)

GUMAR (KH)

GUMAR JEERIN (GUMMAR JERIN, GUMMAR

CHERIN) (MOG, G)

JEERIN (JERI, DIERIN, GERIN, JERIN, DJERIM)

(MOG, G, B, M, KH, W, Z, NWR)

JIRAQ/JIRIC/JIRQ (KH), JIRRAQ (L)

GULU, GULLE, GURRE (C, G, KTS)

GILIGILAE (MOG)

SUMACH (Z)

DERDERE (C)

fr: KUULA (MOG)

3(23) CR, N, S. Armed shrub.

*Acacia elatior* Brenan

DAMAL/DAMBAL (HD, M)

BURA (EA) [also in Orma, Boran]

3(0)3 S. Armed or unarmed tree, riparian; to 25m, said to be the tallest tree in riverine forest of R. Jubba.

*Acacia etbaica* Schweinf. ssp. *etbaica* & ssp. *uncinata* Brenan

YOUBE/YUUBE (YUBE, YUBI) (G, M)

YUROR (YURAR) (G, M)

SUSUG/SOGSOG (SOG SOG) (L, G, MOG, M, NWR)

GULLA (Z)

1(15) N, probably CR. Armed tree.

*Acacia farnesiana* L.

EX.

Cultivated near Muq. (Kazmi 1985).

*Acacia hamulosa* Benth.

CADAAD (ADAD) (MOG, KH)

CADAAD-CAD (KH)

BILCIL-CADAAD (KH)

MESAR JIBIS (MOG, B)

JALEEFAN (JALEFON) (C)

(15) CR, N, ?S. Armed dwarf shrub & shrub.

*Acacia horrida* (L.) Willd. ssp. *benadirensis* (Chiov.) Hillc. & Brenan (incl. *A. benadirensis* Chiov.)

SARMAAN (SARMAN, SURRMANN, SERMAN) (MOG, L, B, EA, C, KTS, CAS, M, KH, W, Wo, NWR, MIS)

SARMAN DADER (MOG)

SARMAAN MEYN (SARMAN UEN) (G, C)

SARMAAN YAR (SARMAN YER, SARMAN-YER, SARMAN-IER) (C, G)

GALDOL (GOLOL) (G, KH)

FULAAY (FULAI) (MOG)

DAMAL/DAMBAL (ANBUL) (C)

2(232) S, CR, N. Armed shrub & small tree.

*Acacia humifusa* Chiov. (distinct from *A. edgeworthii*)

DHEERDHEERE (DERDERE) (G)

(?) Just S; CR (Chiov. 1929) (p.163).

Armed prostrate shrub, on coastal dunes.

*Acacia laeta* Benth.

N (Ross 1979); Djibouti (Cuf. 1954). Armed shrub or small tree.

*Acacia leucospira* Brenan

LA-AGALI (MOG)

(5)1 CR. Armed dwarf shrub.

*Acacia macalusoii* Mattei (Ross queries the identity & validity of this species.)

DAMAL (DAMMAL) (C)

S (Cuf. 1955).

*Acacia manubensis* J.H. Ross (1974)

Known only from the type, Newbould 1080

N: Manub, 11°05'N 49°50'E (K). Tree.

*Acacia mellifera* (Vahl) Benth. ssp. *mellifera*

BILCIL (BILLIL, BIL-IL, BILAL, BIL-EL, BILHEL, BILEL, BILIL, BIL'IL, BILLIL, BEHELIL, BELHEL, BILHOL, BILEIL) (L, B, M, M, KH, CAS, G, MOG, KTS, W, Wo, EA, HD, MIS, NWR)

CADAAD/CIDAAD (HADAD, ADHET) (C, MAC)

gum: ADAL (C)

1(15)1 CR, N, S. Armed shrub & tree.

*Acacia nilotica* (L.) Del. ssp. *nilotica*, ssp. *adstringens* (Schum. & Thonn.)

Roberty, ssp. *tomentosa* (Benth.) Brenan &

ssp. *leiocarpa* Brenan (*A. arabica* (Lam.) Willd.)

MARAA (MARA, MARAH, MARRA, MARAI, MAARAY) (MOG, L, C, M, KH, W, EA, MIS)

TUUGAAR (TURAAR, TUUGGAAR, TUGARE, TWER, TUWER, TUGAAR, TUUGAAR, TUUGAAR, TUGAAL, TUGAR, TUGHER, DUGHIR, DUGAR) (C, G, L, M, MOG, M, KH, KTS, B, HD)

AGBO (C, G)

GALDOL (GALOL, GOLOOL) (C, MOG)

MAKONGOWEY (HD)

DAMAL (HD)

5(21) CR, N, S. Armed tree, also shrub.

*Acacia oerfota* (Forsk.) Schweinf. (*A. nubica* Benth., *A. gorinii* Chiov.)

GUMAR (GUMMR, GUMUR, GUMMAR, GOMAR, GUMIER, GOMARA, GOUmero, GUMMUR) (G, C, Ali 1986, MOG, L, M, KTS, KH, B, MAC, EA, MIS)

GUMAR JEERIN (GUMMAR JERI) (B)

4(16) CR, N, S. Armed shrub & tree.

*Acacia ogadensis* Chiov. (*Albizia ogadensis* (Chiov.) Chiov.)

CADAAD (ADAD) (EA)

CADAAD/CIDAAD GERI (IDAT GERI) (MOG, M, KH)

CADAAD GERI (ADAD GERI) (HD)

FIIDO FIIDO, FIDO-FIDO (B, MOG)

LAMALOYE (MOG)

(13)7 CR, S. Armed thin spindly shrub or tree.

*Acacia paolii* Chiov. ssp. *paolii*

GUMMR-SAUR (KTS)

GUMAR JEERIN (GUMMAR JERI) (MOG, B)

JEERIN (JERIN) (C)

(4)1 CR, S. Armed shrub.

*Acacia pseudoglaucophylla* (Chiov.) Chiov.

(*A. cufodontii* Chiov.; *A. senegal* acc. to Ross 1979)

(1) CR: Gaalkacyo. Armed shrub.

*Acacia pseudonigrescens* Brenan & Ross Ogaden, prob. CR. (?Brenan & Ross 1974).

*Acacia reficiens* Wawra ssp. *misera* (Vatke) Brenan (*A. misera* Vatke; incl. *A. stefaninii* Chiov.)

GANSAX (HANSA, KHAMSA, GHANSA, GONSAC, KHANSA, GANSA, ANSAC, HANSACH, GANSAH) (L, B, M, KH, C, CAS, KTS, HD, SAR, MIS, B, MOG, W)

SARMAAN (SARMAN) (G)

GUMAR (GUMMAR) (C)

DAMAL (MOG)RIIG (HD)

1(13)1 CR, S, ?N. Armed small tree, also shrublike.

*Acacia robusta* Burch. ssp. *usambarensis*

(Taub.) Brenan

Kuchar 17506

(1) CR/S: Shabeele R. at 3°13'N. Armed tree to 15+ m.

*Acacia royumae* Oliv.

Hemming & Deshmukh JESS 86/98 (sterile)

MAKON-GOWEY (HD)

?DAMBAL (M)

1( )1 S: 0°48'N 42°38'E. Armed tree 30 m[!] (Hemming & Deshmukh in EA).

*Acacia saligna* Wendl.

EX.

Reportedly cultivated in Muq. (Cuf. 1955).

*Acacia sarcophylla* Chiov.

(4) N. Armed shrub & (spindly) little tree.

*Acacia senegal* (L.) Willd. var. *senegal*, var. *kerensis* Schweinf., var. *rostrata* Brenan, & var. *leiorhachis* Brenan (incl. *A. oxyosprion* Chiov.; incl. *A. circummarginata* Chiov. acc. to Ross 1979, & some material under *A. unispinosa* (Fiori) Chiov.)

CADAAD/CIDAAD (EDAD, IDAT, IDAD, HIDAT, ADAT, ADAD, CADDAD) (L, B, G, M, M, MOG, KTS, KH, Wo, NWR, MIS)

CADAAD GERI (ADAD GURI, IDAT GERI, ADAD GERI, ADAD JERNI, ADAD-GHERI) (G, KH, MOG, B, Wo)

CADAAD-CAD (KH)

CADAAD-MADOW (ADAD MEDU) (G, KTS)

CADAAD YAR (W)

MESAR JIBIS (B)

GANSAX (GANSAX) (MOG)

JALEEFAN (JALEFAN, JALEFON) (G)

BILCIL (KH, W)

JIIQ (KH)

WARABA KAGA HARIS (G)

gum: XABAG (ABACH, HABEC) (C)

6(33) CR, N, S. Armed shrub or usually small tree.

*Acacia seyal* Del. var. *seyal* & var. *fistula*

(Schweinf.) Oliv. (incl. *A. stenocarpa* Hochst.)

JIIQ (JIKH, GEC, GIC, GICK) (L, M, CAS, G, C, KTS, Ali 1986)

FULAAY (FULAI, FULLAI, FULLESS, FOLAI)

(C, M, M, KTS, Wo)

FULAAY CAD (M)

DAMAL/DAMBAL (DAMMAL) (M, C, MOG)

WAADHI (WADDI, WADI, WAJO, VAODI) (C, G, L, M)

CHIAK HELE (G)

gum: BONAM (Z)

(3) CR, N, S (prob. only in N acc. to Thulin, the rest is *A. zanzibarica*). Armed shrub & tree.

*Acacia sieberiana* DC. var. *sieberiana*

JEERIN (JERIN, YERIN, CHERIN) (G, KTS, C, M)

DAMAL (DHANBAL, DABAL) (B)

GURAC (GURAR) (G)

JIIQ (CHIAK) (G, KTS)

(2) S; N (Cuf. 1955). Armed tree.

*Acacia somalensis* Vatke

HINNI (HEYNI, HINI, HENI) (C, G, MOG)

CADAAD HINNI (ADAD HINI) (MOG)

(6) CR, N. Armed shrub or shrubby tree.

*Acacia stuhlmannii* Taub.

WAADHI (WADI) (G, M)

GAYDARI (or GAYDAR) (KHEYDAR, QEYDAR, GUIDER,

GAIDER, RHEI-DEER, GAI EE DERR, GAI EE DERR, GHEIDER) (G, M, MOG, W, MIS)

GUMAR (GOMER, GUMMAR) (G, KH)

GUMAR JEERIN (GUMMAR JERI) (B)

SARMAAN (B)

GIANGIANNI (G)

(9)1 CR, N, S. Armed shrub & small tree.

*Acacia* ?n.sp. aff. *A. stuhlmannii* Taub.

Rose Innes & Trump 1029, Hemming & Deshmukh JESS 86/221

2( )1 S: near Jubba R. Similar to *A. stuhlmannii* but pod not shaggy-hairy.

*Acacia tortilis* (Forsk.) Hayne ssp.

*tortilis*, ssp. *raddiana* (Savi) Brenan &

ssp. *spirocarpa* (A. Rich.) Brenan (*A. spirocarpa* Hochst.)

GURAC, poss. QUDHAC [or QODAX?] (QUEA, GORA,

GORA, GURAH, GURHA, GURRAH, QODA, GOURA, ORA,

KORA) (C, L, M, MAC, B, MOG, M, KH, CAS, Wo,

MIS, HD, NWR)

QORAX (W)

ABAG/AQAB (ABAK, ABAC, OBAC, ACAB, AGAB) (C, M, MOG, M)



## ACACIA TORTUUS

DURAC DURUJE (GURHA-DURUJE) (C, M) [thornless var.]

DURUJE (DURUJE) (C, M)

JIM-AD (C)

fr: ABQD (M)

3(14) CR, N, S. Armed shrub & tree.

*Acacia turnbulliana* Brenan

JEERIN (KH)

GUMAR JEERIN (GUMMAR JERIN) (MOG)

SARMAAN (SEMAN) (KTS)

GULU (KTS)

JILILIQO (W)

fr: QUULLE (KH)

1(8) CR, S. Armed dwarf shrub & shrub.

*Acacia unispinosa* (Fiori) Chiov. (*A. oliveri* Vatke)

CADAAD (ADAD) (MOG, M, KH)

CADAAD SALDOL (KH)

CADAAD GUDUD (KH)

?MESAR JIBIS (B)

SOGSOG/SUSSUG (MOG, B)

(12)3 CR, N. Armed shrub or usually small tree.

*Acacia walwalensis* Gilliland

JEERIN (KH)

SIRSIRIQ (KH)

DIUBEH, DILIBEH (C, MOG)

(4) CR, N. Armed shrub.

*Acacia zanzibarica* (S. Moore) Taub. var. *zanzibarica* & var. *microphylla* Brenan (incl. *A. sennii* Chiov.)

JIIQ (JIKH, JIIQLEY, CHEAKH) (KTS, KH, MAC, MIS)

FULAAY (FULAI, FULLAI, FULLESS, FULLAAY) (KTS, HD, MAC, B, M, EA)

1(5)2 S, CR. Armed shrub, small tree.

*Acacia zizyphispina* Chiov. (*A. impervia* Gilliland)

CIDDIGOD (KH)

CADAAD-CIJIGOD (KH)

CADAAD-CIDDIDHEER (KH)

WARABA-GEGA-ICE (C)

YQOC (W)

CADAAD GERI (CADAADGARI) (L)

1(15) CR, N, S. Armed shrub.

*Acacia* n.sp. aff. *paolii* & *turnbulliana* Gillett & Beckett 23200

(1) CR: Ceel Dheere. Armed shrub.

*Acacia* ?n.sp.

Kuchar 17258

(1) CR: Maxaas, 4°26'N 46°05'E. Small armed tree.

*Acacia* indet.

DUGAAR, DUGAR (B)

FARIIR (M)

QANSAX GAAB (M)

SARMAAN DHEER (M)

SABCIIN (Ali 1986)

DHIISAAR (Ali 1986)

*Adenopodia rotundifolia* (Harms) Brenan (*Entada rotundifolia* Harms)

CIIDI-SHABEEL (M)

1( )1 S. Armed shrub [hooks on stem & rachis].

*Albizia amara* (Roxb.) Boiv. ssp. *amara*

TUGAAR (TUGAR) (C)

MARAA (MARA) (C)

GISSREP (KTS), GES-HRES (KTS)

(1)2 S. Tree to 15 m.

*Albizia anthelmintica* Brongn.

REYDAB (RHEIDAB, REDEB, REIDEP, REIDUP, RAIDUP, RIDOP, REIDIP, RAYDAB, HREDEB, REIDEB, REDIB, RHIDEB, REDAB) (MOG, G, L, KTS, B, MAC, M, KH, M, Wo, EA, SAR)

DHEYDHEY (DHAY DHAY) (HD)

?CIIDI-SHABEEL (IDI-SHABEEL) (HD)

1(9)2 CR, S; also N (K). Tree.

*Albizia harveyi* Fourn.

GISAREEB/GISIREEB? (GESAREEB) (MOG, B)

(1) S. Tree.

*Albizia lebbeck* (L.) Benth.

EX.

3(1) Afgooye, Muq. garden. Tree.

*Albizia obbiadensis* (Chiov.) Brenan (*Acacia nervosula* Chiov., *A. obbiadensis* Chiov.)

BILCIL (KH)

HOYIM (KH)

LEBI (KH)

(5)2 CR, S, ?N. (Spindly) shrub or tree.

*Albizia* ?n.sp. aff. *A. petersiana* (Bolle) Oliv.

Beckett 1448, 1679, 1759

GISAREEB/GESAREEB (GESARIEB) (MOG, B)

HRAH-REI, HRA REI (B, MOG)

TOWSI (B)  
(2) S, CR? Big shrub & tree.

Albizia indet.  
SHURUMBOW (HD)

Calliandra gilbertii Thulin & Hunde  
(1) 2 CR, S. Shrub.

Dichrostachys cinerea (L.) Wight & Arn. (D.  
glomerata (Forsk.) Chiov. ssp.  
benadirensis; incl. D. sp. 'A' of FTEA)  
DHIISTAAR (or DHIITAAR?) (DHIIG DAAR, DIKTAR,  
DIGTAAR, DITAR, DICDAR, DICTAR, DICTER,  
DIGDAHR, DIGDER, DIGHEDAHR, DIK-DAR,  
DHIIGHAAR) (G, KTS, C, B, KH, MOG, L, M, M, MAC.  
SAR, HD)

GODXANTOOL (GODHANTOLE, GOD HAN TORLE,  
GODHAHTORLE, GODHAN-TORLE) (C, G, M)

DAJDAJ (Z)  
?GALLOL-SAUR (C)  
QURAC (GORA) (C)

ADER (G),  
6(11)2 CR, N, S. Armed shrub.

Dichrostachys kirkii Benth. (D. benadirensis  
Chiov., D. puccioniana (Chiov.) Gillett,  
Acacia puccioniana Chiov.)

DHIISTAAR (KH, W)  
SAGAAROGAL (KH)  
GALDOL (GOLOL) (G)

KABATIR (Thulin 1983)  
2(18)2 CR, S. Armed shrub/ dwarf shrub.

Entada abyssinica A. Rich. (Entadopsis  
abyssinica (A. Rich.) Gilb. & Bout.)

FARADHERE (FARADERE) (G)  
KANTAFA (G)

(1) N mts. Tree.

Entada leptostachya Harms (Entadopsis  
leptostachya (Harms) Cuf.)

KABAQOR (KH)  
QABOKOR? (KABO GOR, KOBOKOR, CABOCOR,  
CABAGOR, COBOCOR, KABO-GHUR, CABACOR)  
(G, MOG, C, KTS, B)

FARADHEERE (FORADERE, FARADERE) (G, MOG)  
GALMADHEERE (GA-AMADERE, GA'MADEIRA, GA-  
AMODERE) (G, M)

RUGHE (C)  
LIBI YARE (LIBI-YERE) (KH)  
(9) 2 N, S, CR. Woody vine.

Entada rotundifolia Harms

Thulin & Warfa 4453  
(1) S: Jeliba-Camsuma, 2 km. Armed tree.

Mimosa pigra L.  
S (Cuf. 1955). Armed shrub, woody  
scrambler.

Neptunia oleracea Lour. (not N. natans (L.)  
Druce)

EX.  
S (Cuf. 1955). (Sub)aquatic subprostrate  
forb.

Newtonia erlangeri (Harms) Brenan  
(Piptadenia erlangeri Harms)  
REYDAB (REIDAP) (G, M)  
DHEYDHEY (DAI-DAI, DHAY-DHAY, DHAXDHAY)  
(C, M, SAR, HD, MOG)  
4(3)6 S. Tree to 30 m.

Newtonia hildebrandtii (Vatke) Torre  
Boni Forest, Kenya thus expected SW Som.  
Tree.

Parkia filicoidea Oliv. var. hildebrandtii  
(Harms) Chiov.

JINOW? (CHINU) (C)  
S (Cuf. 1955). Tree.

Pithecellobium dulce (Roxb.) Benth.  
EX.  
S (Cuf. 1954). Shrub & small tree.

Prosopis juliflora (Sw.) DC.  
LEBI (C)

EX. At Bura For. Res. Project 'Cultivated &  
spreading fast.' (EA)  
N (Cuf. 1955). Shrub.

Samanea saman (Jacq.) Merr.  
EX: ornamental.  
S (lower Jubba, fide J.B. Gillett,  
M.H. Madany)

#### EXCLUDED:

Acacia caffra (Thunb.) Willd. var.  
campylacantha (A. polyacantha ssp.  
campylacantha) ?N acc. to Cuf. 1954;  
actually Ethiopia.  
Acacia hockii De Wild. (A. stenocarpa  
Hochst. & Schimp.) DAMAL (DAMMAL), MIEL,  
MIJEL (G) Cited in Glover 1947.  
Acacia lahai Benth. S acc. to Cuf. 1955.

*Acacia pennata* (L.) Willd. Som. acc. to Cuf. 1955.  
*Acacia planifrons* Wight & Arn. S acc. to Cuf. 1955.  
*Albizia schimperana* Oliv. CR,S acc. to Kazmi 1985.  
*Entada gigas* (L.) Fawc. & Rendle Muq. acc. to Cuf. 1955.

148 PAPILIONACEAE  
 FTEA 1971, Thulin 1983

Tribe sequence (cf. FTEA):

1. *Sophoreae* *Cadia*, *Dicraeopetalum*, *Platycelyphium*, *Sophora*, *Calpurnia*, *Baphia*
2. *Dalbergieae* *Lonchocarpus*, *Derris*, *Dalbergia*
3. *Abreae* *Abrus*
4. *Tephrosieae* *Mundulea*, *Tephrosia*, *Ptycholibium*
5. *Indigofereae* *Indigofera*, *Cyamopsis*
6. *Sesbanieae* *Sesbania*
7. *Aeschynomeneae* *Ormocarpum*, *Aeschynomene*
8. *Stylosantheae* *Stylosanthes*, *Arachis*, *Zornia*
9. *Desmodieae* *Desmodium*, *Alysicarpus*
10. *Phaseoleae* *Cajanus*, *Canavalia*, *Clitoria*, *Erythrina*, *Glycine*, *Lablab*, *Mucuna*, *Neorautanenia*, *Phaseolus*, *Rhynchosia*, *Spathionema*, *Teramnus*, *Vatovaea*, *Vigna*
11. *Genisteae* *Crotalaria*, *Lupinus*, *Argyrolobium*
12. *Psoraleae* *Psoralea*
13. *Trifolieae* *Trifolium*, *Medicago*, *Trigonella*
14. *Loteae* *Lotus*
15. *Galegeae* *Galega*, *Colutea*
16. *Viceae* *Pisum*

Tribe?: *Vermifrux*, *Arthrocarpum*, *Galactia*, *Paracalyx* (*Cylista*), *Coronilla*, *Hedysarum*, *Physostigma*, *Taverniera*

*Abrus precatorius* L. ssp. *africanus* Verdc.  
AAYRATI (CAIRATI) (G)  
 2(1) S. Woody vine (twiner).

*Abrus somalensis* Taub.  
 N (Cuf. 1955).

*Abrus* sp.  
 Thulin 5674  
 (1) Muq. area. Woody climber.

*Aeschynomene cristata* Vatke  
 Boni Forest, Kenya thus expected SW Som.  
 Shrub (?forb).

*Aeschynomene indica* L.  
 ?LEBI? (LOWIE) (B)  
GEED-BIYOOD (GEED BIYE) (B)  
LEBI-YARO (LEBEYERO) (MOG)  
 ?DALANGAL (KALANKAL) (C)  
 1(3) N,S. Annual (woody) forb.

*Aeschynomene uniflora* E.Mey.  
 (1)1 S. Annual woody forb.

*Alysicarpus glumaceus* (Vahl) DC. ssp.  
*glumaceus*, *hispidicarpus* (Fiori) J.Leon. &  
*macalusoii* (Mattei) Verdc.  
 5(1)1 CR,S. Annual(-perennial), can be  
 woody.

*Alysicarpus rugosus* (Willd.) DC. ssp.  
*rugosus*  
CAWS-SHILBOLE (OS-SCILBOLE) (C)  
 8(2) CR,S, Muq. Annual-perennial, may be  
 slightly woody.

*Arachis hypogaea* L.  
LOOS (B)  
 EX: groundnut, peanut.  
 Cultivated in S Somalia (Kazmi 1985).  
 Annual.

*Argyrolobium petitianum* A.Rich.  
 (1) N mts. Woody forb.

*Argyrolobium rupestre* (E.Mey.) Walp. ssp.  
*remotum* (A.Rich.) Polhill (*A. virgatum*  
 Bak.)  
 N (Cuf. 1955). Subprostrate perennial.

*Arthrocarpum somalense* Hillc. & Gillett  
 (6) CR. Endemic. Shrub.

*Cadia purpurea* (Picc.) Ait. (*Panciatica*  
*purpurea* Picc.)  
SALALMAC/SELELMAC (SALAMAC, SALALMA, SALAMAN,  
 SALELMA, SALAMA) (C, G, NWR, MOG)

- ?DUMBOL (B)  
GEEL-BADAR? (GEL BADARO) (G)  
SAELE (G)  
ALKUJAL (C)  
 (12) N mts; S (HTS 1983). (?) Evergreen shrub.
- Cajanus cajan* (L.) Millsp.  
SALBUKO-GEED (SALBACO-GHED) (Z)  
 EX: pigeon pea.  
 Som. (Cuf. 1965); Merca (Pol. & Chiov. 1934). Dwarf shrub or shrub.
- Canavalia cathartica* Thouars  
 (1) Coast just S of CR. Prostrate & climbing perennial.
- Canavalia ensiformis* (L.) DC.  
DIIR/DIGIR DAGUER (DIR-DAGUER) (C)  
SAAR-SAAR (SAAR-SAR) (C)  
 EX.  
 S, where cultivated (Cuf. 1955, Kazmi 1985). Annual-perennial vine.
- Canavalia gladiata* (Jacq.) DC. var. *gladiata*  
DIIR/?DIGIR DAGUER (DIR-DAGUER, DIR DAGUER) (C, G)  
SAAR-SAAR (SAAR-SAR) (C)  
 EX:  
 S, where cultivated (Cuf. 1955, Kazmi 1985). Robust vine.
- Canavalia rosea* (Sw.) DC. (*C. maritima* (Aubl.) Thou., *C. obtusifolia* (Lam.) DC.)  
 S (Cuf. 1955). Trailing perennial, may also climb.
- Canavalia virosa* (Roxb.) Wight & Arn.  
DIIR/DIGIR SAALA (DIGRE GALLA) (G)  
 (1) Perennial vine or trailer.
- Clitoria ternatea* L.  
FIITE-FIITE (MOG)  
DHAROO/DHARJO (MOG)  
RIAHELE, RIA EGEE, HRIA EGEE (G, MOG)  
LUK-KELIYA (LUK-KELIALE) (G)  
CALEEN-KORIS (SAR)  
SALBUKDOLE (SALBOCOLE) (C)  
FIFIOLE (C)  
GHED-HARDT (C)  
DIGIR-JINNI (HD)  
 3(2)1 N, S, Afgooye; CR (Chiov. 1929). Scrambling & creeping forb perennial.
- Colutea abyssinica* Kunth & Bouche  
 (2) N mts. (Scrambly) shrub, woody forb.
- Coronilla* ?n. sp.  
 G & W 23837  
 (1) N mts.
- Crotalaria aegyptiaca* Benth.  
 N (Cuf. 1955). Dwarf shrub.
- Crotalaria albicaulis* Franch.  
CASUURO (ASSURO) (G)  
DARJD (DAREHD) (G, C, M)  
 (6) N. Dwarf shrub, woody forb.
- Crotalaria ballyi* Polhill  
 Wajir, etc. in E Kenya thus expected S Som. Prostrate perennial.
- Crotalaria barkae* Schweinf.  
 Extreme SW (Polhill 1982); NE Bay Region (O'Brien 1986). Annual or short-lived perennial.
- Crotalaria benadirensis* Chiov.  
 S (Cuf. 1955); Muq. & CR (Chiov. 1912); only S acc. to Polhill 1982. Annual.
- Crotalaria bogdaniana* Polhill  
 Thulin & Warfa 4484  
 (1) S: 40 km NW of Jilib. Dwarf shrub.
- Crotalaria* sp. aff. *bogdaniana* Polhill  
 Kuchar 17624  
 (1) CR: Buqda Caqable, 4°00'N 45°18'E. Annual (biennial?).
- Crotalaria boranica* Bak.f. ssp. *boranica*  
IBO-LASOOROOD (KH)  
 (5)1 N, CR, S. Prostrate to erect little annual(-biennial).
- Crotalaria boudetii* Polhill  
 Ogaden, prob. expected CR. Annual.
- Crotalaria cephalotes* A. Rich.  
 E Ethiopia, prob. expected N Som. Annual (Polhill 1982).
- Crotalaria comanestiana* Volk. & Schweinf.  
DHAROO (MOG)  
CASUURO (ASSURO, ASSUR) (C, G)  
FUGGISO (C)

2(4) Afgooye, CR, N. Perennial, may become woody, straggling or erect.

*Crotalaria deflersii* Schweinf.

CASUURD (ASURD) (G)

(2) N. Woody forb.

*Crotalaria deserticola* Bak. f. ssp. *orientalis* Polhill

Expected in extreme SW. Annual or short-lived perennial.

*Crotalaria dumosa* Franch. (*Calliandra dumosa*)

ILCAS (ELAS) (MOG, L, M)

MAJEEN (MACHIN) (G, M)

?DHIRINDHIR (DERENDER) (G, M)

GEED XAJIIN (M, W)

GUMXIDID (KH), KUMXIDID (L)

NAGAAR MADOW (KH)

GURDHUBAAN (KH)

XAJIIN (HAJEEN, HAJIN) (G)

2(27)2 CR, N, S; extreme S (Polhill 1982).

Dwarf shrub (or woody forb?).

*Crotalaria* n. sp. aff. *C. dumosa* Franch.

Kuchar 16940

(1) CR. Dwarf shrub.

*Crotalaria ellenbeckii* Harms

N (Cuf. 1955). [Not in Polhill 1982]

*Crotalaria emarginata* Benth.

Maybe expected SW. Annual (woody) forb.

*Crotalaria emarginella* Vatke (*C. laxa* Franch., *C. nogalensis* Chiov.)

DHARGODHEER (KH)

DHARJO/DHERJO (DAREHO) (G, MOG, M)

NAGARDH/NAGAAR (NAGAD, NAGARD) (G, MOG)

ILCAS (ILAS) (MOG)

XARMAL (HARMAL) (MOG, NWR)

(16)1 CR, N, S. Perennial (softly) woody forb or shrub.

*Crotalaria* n. sp. aff. *C. emarginella* Vatke = Poskin H. 101

CR: Mudug (Polhill 1982).

*Crotalaria glauca* Willd.

Doubtfully expected Somalia. Annual or short-lived perennial.

*Crotalaria heterotricha* Polhill

Ogaden; expected CR, ?N (cf. Polhill 1982). Forb.

*Crotalaria horrida* Polhill

?GETUWE (G)

1( ) N (incl. Polhill 1982). Armed dwarf shrub.

*Crotalaria incana* L. ssp. *incana*

N. Annual.

*Crotalaria incrassifolia* Polhill

(1) CR; N, Ogaden (Polhill 1982). Shrub.

*Crotalaria jerokoensis* Bak. f.

Extreme SW (Polhill 1982). Dwarf shrub.

*Crotalaria jubae* Polhill (specimens?)

S; S (Polhill 1982). Woody forb or dwarf shrub.

*Crotalaria laburnifolia* L. ssp. *laburnifolia* (*C. petiolaris* Franch.)

JALEELO (GELELO) (C)

DHARJO (DARGA) (C)

WAXARA-MALEH (WAHARA MALE) (G)

(5) N, S (Polhill 1982); NE Bay Region (O'Brien 1986). Annual slightly woody forb or shrub.

*Crotalaria laburnoides* Klotzsch

S. Annual.

*Crotalaria leptocarpa* Balf. f.

JALEELO (GIALALO) (C)

(5) CR, N (incl. Cuf. 1955); also NE Kenya. Subprostrate (prostrate) perennial.

*Crotalaria leucoclada* Bak.

(1) N mts. Woody forb.

*Crotalaria linearifoliolata* Chiov.

(1) CR (Ceel Buur); S (Cuf. 1955). Annual.

*Crotalaria malindiensis* Polhill

Kiunga, Kenya thus expected SW Som. Annual or short-lived subprostrate perennial.

*Crotalaria massaiensis* Taub. (incl. *C.*

*paolii* Cuf., *C. gracillima* Chiov., *C. senegalensis* (Pers.) DC. var. *gracilis* Chiov.; aff. *C. benadirensis*)

ELIERO (C)

BUBBUCU (Z)

- (0)1 S. (Sub)prostrate perennial (or ?annual).
- Crotalaria microphylla* Vahl  
(1) N, CR (Polhill 1982). Annual.
- Crotalaria natalitia* Meissn. (var. *natalitia*)  
N (Cuf. 1955), but not in Somalia acc. to Polhill 1982 though probably expected in N. Perennial woody forb, dwarf shrub or shrub.
- Crotalaria oligosperma* Polhill  
(2)1 N, S incl. just S. Dwarf shrub.
- Crotalaria persica* (Burm. f.) Merrill  
(1) N. Dwarf shrub.
- Crotalaria phillipsiae* Bak.  
(1) N mts, S; probably also CR. Low or ascending annual or short-lived perennial, ?may scramble.
- Crotalaria pleiophylla* Polhill  
(1) CR. Annual.
- Crotalaria plowdenii* Bak.  
N Eth. incl. close to Som. border thus expected N (cf. Polhill 1982). Annual or short-lived perennial.
- Crotalaria pycnostachya* Benth. ssp. *pycnostachya*, ssp. *tropeae* (Mattei) Polh. & ssp. *donaldsonii* (Bak. f.) Polhill (incl. *C. tropeae* Mattei)  
DHARJO/DHARJO (DARG) (C, MOG, KH)  
CALEEN-JINNI (ALLANGINNI) (G)  
SHONAH-SHONAH (SHUNA SHUNA) (G)  
SCIALAK-SCIALAK (C)  
JINNI (GINNI) (C)  
CASUURO (ASSUR) (C)  
BARRAGISI (C)  
3(9)1 CR, N, S. (Subprostrate) annual.
- Crotalaria retusa* L. var. *retusa* & var. *tunguensis* (Lima) Polhill  
SCIURUF-SCIURUF (C)  
BOBO-HALLE (C)  
EX.  
5(2)3 S, to coast NE of Muq; also N (Cuf. 1955). Annual (or biennial), may become slightly woody.
- Crotalaria rhynchocarpa* Polhill  
S (Polhill 1982). More or less perennial woody forb.
- Crotalaria rufocaulis* Gilli  
N, S (Polhill 1982). Annual or short-lived perennial.
- Crotalaria saltiana* Andr. (*C. farcta* Bak., *C. franchetii* Bak., *C. argyracea* Franch., maybe *C. thomasii* Harms & *C. laxa* sensu Chiov. non Franch.)  
DAR (M)  
GABBALDAY/GABBALDAYE (GABALDAY, GABALDAIYE, GABEL DEHE, GAB EL DEHE, GAB OLDEYE, GOBOL DEYE) (G, MOG, M)  
CASUURO GABALDAYE (ASSURO GABILADAIE) (MOG)  
DHAYO (MOG)  
DHARJO (DARCHO) (G)  
1(12) N, CR; also S (Polhill 1982). Perennial woody forb or dwarf shrub.
- Crotalaria n.sp. aff. C. saltiana* Andr.  
Gillett et al. 22171, 22510  
[loc?]
- Crotalaria scassellatii* Chiov.  
(1) S. Perennial woody forb, shrub.
- Crotalaria sennii* Chiov.  
(1)1 Muq. area. Endemic. Prostrate annual [distinct from *C. microphylla*].
- Crotalaria somalensis* Chiov. ssp. *somalensis* & ssp. *fusula* Polhill  
NE Kenya & S Som; Ogaden close to CR (Polhill 1982). Annual or short-lived perennial.
- Crotalaria thomasii* Harms (*C. laxa* sensu Chiov. non Franch.; maybe conspecific with *C. saltiana*)  
S Som., coastal & N Kenya. Annual or short-lived subprostrate perennial.
- Crotalaria vasculosa* Benth.  
Expected extreme SW (cf. Polhill 1982). (Subprostrate) annual.
- Crotalaria ?n.sp.*  
Gillett et al. 25347, Hayslip SRS 15/3.  
(1)2 S, Muq. Prostrate perennial.
- Crotalaria* indet.

GED RAHMA (B)

*Cyamopsis tetragonoloba* (L.) Taub.  
EX.  
Somalia (Cuf. 1955).

*Dalbergia commiphoroides* Bak. f.  
DHUYAC/DHUYUC (DUIYA, DUYA, DUYAA, DUYER, DUYU,  
DUSIYA) (L, M, KH, KTS, G, MOG, Wo, MIS)  
(6)1 CR, S; also N (Cuf. 1955). Shrub.

*Dalbergia eremicola* Polhill  
DHEYDHEY (DHAY DHAY, DEIDEI, DAIDAI) (B, KTS)  
(0)1 S. Armed shrub [flts 5-8 mm, (dk)  
network beneath].

*Dalbergia melanoxylon* Guill. & Perr.  
Boni Forest, Kenya thus expected SW Som.

*Dalbergia microphylla* Chiov.  
DHUYAC (DHUYAX, DU EH) (B)  
(1)1 S, CR (incl. HTS 1983). Shrub.

*Dalbergia uarandensis* (Chiov.) Thulin  
(*Calpurnia uarandensis* Chiov.)  
DABAKAR (KH, L)  
DABAQINI (W)  
SAGAAROGAL (KH)  
2(14)1 CR. Shrub, may seem armed; often  
gnarled because heavily hedged.

*Derris trifoliata* Lour.  
CUSMAAN/CISMAAN DOY (OSMANDOI) (G)  
MABUNGO? (C)  
S (Cuf. 1955). Woody vine.

*Desmodium adscendens* (Sw.) DC.  
Boni Forest, Kenya thus expected SW Som.  
Creeping ?perennial.

*Desmodium velutinum* (Willd.) DC.  
Possibly expected SW? Perennial woody forb  
or shrub.

*Dicraeopetalum stipulare* Harms  
SALMA SALMI (MOG, B)  
HANJALEELO (HANGELELO) (C)  
SABLE (KTS)  
(4)1 CR, S. Tree, (shrub).

*Erythrina melanacantha* Harms ssp.  
*melanacantha* & ssp. *somala* (Chiov.)  
Gillett (E. *somala* Chiov., E. *rotundato-*  
*obovata* Bak. f.)

YOOCO/YOOC (YO-O, YO' O, JOH, YO-OH, IO-  
OH, IOH, IOHO, JOHO) (C, G, KH, M)  
BURO, BURI, BURA (B, C, KTS)  
(15) CR, S. Armed tree.

*Galactia argentifolia* S. Moore  
Boni Forest, Kenya thus expected SW Som.  
(Woody) annual.

*Glycine wightii* (Wight & Arn.) Verdc. (G.  
*javanica* L., *Neonotonia wightii*)  
1( ) [correct det?] Afgooye; expected SW  
because found in Boni Forest, Kenya.  
Perennial vine.

*Hedysarum coronarium* L.  
EX.  
Cultivated S (Cuf. 1955).

*Indigofera amorphoides* Jaub. & Spach  
SEED MAS (GED MUS) (MOG)  
GHEDI-GHEDI (G)  
(6) N mts; also S (Cuf. 1955). Woody  
forb, (dwarf shrub).

*Indigofera arabica* Jaub. & Spach  
ILCAS (ELAS, IL AS) (G)  
DHARGO (DARGA) (Wo)  
(1) N (mts). (Woody) perennial.

*Indigofera argentea* Burm.  
XAGARO (ABUR) (C)  
GABBALDAY/GABBALDAYE (M)  
HADIK (MOG)  
XAJIIN (M, W)  
1(2) N, CR. Dwarf shrub or (sub)prostrate  
woody perennial.

*Indigofera arrecta* A. Rich.  
DHARGO/DHARJO (MOG)  
CALEEN-ARI (CILLAAN-ERI, ELLAN-EREN) (C, MOG)  
CALEEN-JINI (ELLAN-ELIGIN, ELLAN-GIN) (C)  
BUC-BUCC (C)  
2(3)2 N, S; Afgooye. Woody forb or dwarf  
shrub/shrub.

*Indigofera articulata* Gouan [confusable  
with *I. coerulea* [JBG]; some of the MOG  
determinations questionable]  
GABBALDAYE (GABALDAIYE) (G, M)  
CAWEER (MOG)  
DUREH (MOG)  
CALEEN-ARI (CILOON ERI) (MOG)

DHARJO/DHARGO (DHANGO, DURCHO, DARCHO, DUREHO)  
(G, C, MOG)

CALEEN (ALLAN, ELLAN, ILLAN) (G, C)

JINNI (GINNI) (G)

CASUARO (ASSURO) (C)

(15) CR, N, (?) S. Dwarf shrub (woody forb?).

*Indigofera aspera* DC.

Hemming & Deshmukh JESS 86/204

1( ) 1 S: Jubba R. Annual. A W. Afr.  
species not previously reported from E.  
Afr.

*Indigofera brachynema* Gillett

1(2) 2 S. Annual (perennial sensu Thulin &  
Warfa 4536).

*Indigofera cavallii* Chiov.

(3) 4 S. Dwarf shrub.

*Indigofera charlierana* Schinz

S (Kazmi 1985). Annual.

*Indigofera ciferrii* Chiov.

(1) Merca (Pol. & Chiov. 1934). Perennial  
woody forb.

*Indigofera cliffordiana* Gillett

Boni Forest, Kenya thus expected SW Som.  
Dwarf shrub.

*Indigofera coerulea* Roxb. var. *coerulea* &  
var. *occidentalis* Gillett & Ali

DHARGO (W)

DHARGO JINNI (KH)

DHARGOMADOW (KH)

WELGEY (KH)

GEED XAJIIN (GED HAJIN) (MOG)

GABBAL DAY/GABBAL DAYE (GABAL-DAE) (MOG)

BILI MADOW (KH)

1(14) 2 N, CR, S. ?Perennial dwarf shrub or  
woody forb.

*Indigofera colutea* (Burm. f.) Merr. var.

*colutea* & var. *somalensis* (Balf. f.)

Gillett [(Bak. f.) Cuf. ?]

KAXANDHO (KH)

(4) CR, N, ?S. Annual or short-lived (woody)  
perennial.

*Indigofera colutea* (Burm. f.) Merr. s. lat.  
vel sp. aff.

Kuchar 17637, 17554, 17425

(3) CR: Jalalaksi Dist. Glandular annual.

*Indigofera costata* Guill. & Perr. ssp.  
*goniodes* (Bak.) Gillett

(1) Muq. Annual (or short-lived  
perennial).

*Indigofera dissitiflora* ?n. sp.

(0) 1 S (almost CR). Forb.

*Indigofera* n. sp. aff. *I. elwakensis* Gillett  
(or ?*I. intricata*; also nr. *I. dumosa*)

XAJIIN (KH)

(7) CR. Dwarf shrub.

*Indigofera eremophila* Thulin

Thulin & Warfa 5598

(1) N: Candala, c11° 29' N 49° 54' E. Dwarf  
shrub.

*Indigofera gillettiana* Raimondo (1987)

Muq. (fide J. B. Gillett)

*Indigofera gracillima* Chiov. (syn? - not  
listed in Gillett 1958)

Expected CR acc. to ?Chiov.

*Indigofera hochstetteri* Bak.

(5) N, Prostrate to suberect annual.

*Indigofera insularis*+ Chiov.

GEED-XAJIIN (MOG)

(4) Muq., S. (Sub)prostrate (rosette-  
forming) annual-biennial forb or dwarf  
shrub.

*Indigofera intricata* Boiss.

XAJIIN (HAJIN, HIJIN) (G, MOG, KH, L)

GEED XAJIIN (MOG)

MAJEEN (MACHIN) (G, M)

GURDHUBAAN UBAXGUDUUD (M)

ARRANAD (G)

(1) N. Dwarf shrub.

*Indigofera kucharii* Thulin ined.

Kuchar 17074 (sterile), 17606, 17609

+*I. insularis*, *I. volkensis*, *I. phillipsiae*,  
*I. sesquijuga* & *I. viridiflora* "are  
closely related, and it may well  
ultimately prove more satisfactory to  
treat them as forms of one polymorphic  
species." (Gillett 1958)



(3) CR: NW of Buulo Burte, 4°02'-04'N 45°23'-26'E. Weakly armed dwarf shrub.

*Indigofera longemucronata* Bak. f.  
(1)1 S. (Sub)prostrate perennial.

*Indigofera microcarpa* Desv.  
Hemming & Deshmukh JESS 86/122  
CAWS-SHIIR (HD)

1( )1 S: Jubba R. Prostrate perennial woody forb.

*Indigofera nummulariifolia* (L.) Alston  
(1)1 S. Prostrate forb.

*Indigofera oblongifolia* Forsk.  
GEED IRMAAN (GED-IRMAN) (C, M)  
CAANAMACAYS (ANA-MAIS) (C, M)  
LIGHAN, LIGAN (C)  
(3) N; ?also CR (cf. Cuf. 1955). Shrub.

*Indigofera ogadensis* Gillett  
CAHN-SOLE (MOG)  
(2) CR. Dwarf shrub (woody forb?).

*Indigofera* n.sp. aff. *I. ogadensis* Gillett  
Gillett et al. 25251  
(1)1 S. Woody forb, dwarf shrub, smells of aniseed.

*Indigofera* sp.aff. *ogadensis* Gillett  
Hemming & Watson 3288  
(1) N: 64 km N of Las Anod, 9°03'N 47°17'E.  
Dwarf shrub.

*Indigofera phillipsiae* Bak. f.  
GEED XAJIIN (GED HAJIN) (MOG, M)  
NAGAAR/NAGAADH (NAGARD, HAHKAGHAGO) (G, MOG)  
CASAAR (AGAR) (C)  
(6)1 N, S, Muq.; CR (Chiov. 1929). Low (woody) forb.

*Indigofera ruspolii* Bak. f.  
GURDHUBAAN (QURBAAN) (KH)  
JILLAB (CHILLUB, JILAB, JEHIB, JELAB, JELUB, JILUB, JELIB) (FE, MOG, L, M, G, Wo, NWR)  
(18)2 CR, N, (?) S. Dwarf shrub & shrub.

*Indigofera schimperi* Jaub. & Spach var. *schimperi*, var. *parvifoliolata* Gillett & var. *cyclophylla* Chiov. & var. *bankeana* (Vatke) Gillett (*I. tettensis* Kl.)  
DHARGO/DHARJO (DARGA, DURCHO, DARGO, DHARGE, DHIRGEL, DARGA, DIRRAH) (HD, MOG, C, B, Wo, EA)

DA-AKARORH (MOGO)  
ILCAS (ELAS) (MOG)  
CASAAR (AQUAER, AGAR, AQUAER) (G, C, Z)  
DHARQOYARE (KH)  
GEED-GUDUUDKA (SAR)  
CAWS-SHIIR (HD)  
WISIL-DURREED (HD)  
?RAXAN (L)

8(2)12 Afgooye, S; also N (Cuf. 1955).  
Subprostrate to erect (woody) perennial.

*Indigofera sedgewickiana* Vatke & Hild.  
(2) N (mts). Shrub.

*Indigofera semitrijuga* Forsk. (*I. somalensis* Vatke)  
N (Gillett 1958). Subprostrate forb.

*Indigofera sesquijuga* Chiov.  
XAJIIN (L)  
(3) CR (CRS, Chiov. 1929); N (Cuf. 1955).  
(Prostrate or) erect little (?woody forb or) dwarf shrub.

*Indigofera sparteola* Chiov.  
JILLAB (JELAB, JILUB) (G, M)  
N (Cuf. 1955); CR (CRS, Chiov. 1929).  
Caespitose.

*Indigofera* sp. aff. *I. sparteola* Chiov.  
Beckett 388, Herlocker 310  
(2) CR. Dwarf shrub.

*Indigofera spiniflora* Boiss.  
(5) CR; N (FE). Armed dwarf shrub.

*Indigofera spinosa* Forsk.  
GEED-CAD (M)  
GEED QODHEED (GEDGODHED) (MOG, M)  
GEED XAJIIN (M)  
GODXANTOOL (M), KHODAH-THOL (EA)  
GURDHUBAAN (KH)  
GODAX (KH)  
XAJIIN (HAJIN, MAJIN, MACHIN) (MOG, KH)  
MICI RATILI, MA-ERH-ATILI, MERITIL (MOG, B, Wo)  
OR BARBAR (B)  
GODHANJORLE (MOG)  
JILLAB QODAXLEH (JILAB QODAXLEH) (MOG)  
(16)1 N, CR, S (cf. Gillett 1958). Armed dwarf shrub.

*Indigofera* sp.aff. *spinosa* Forsk.  
Gillett & Hemming 24804, Hemming & Deshmukh 304.

MACARATIIL (HD)

(0)1 S: 2°58'N 41°52'E. [lvs 3-7-fol]

*Indigofera strobilifera* (Hochst.) Bak. ssp.  
*lanuginosa* (Bak. f.) GillettGEED-CADADE? (GHED-ADADE) (C)

(3)2 S, Muq. Small annual.

*Indigofera suaveolens* Jaub. & Spach

(4)2 N, S, Afgooye. Dwarf shrub.

*Indigofera tanganyikensis* Bak. f. var.*paucijuga* Gillett(2)1 S, Muq. Perennial dwarf shrub, woody  
forb.*Indigofera tinctoria* L. var. *tinctoria*DHAROO (EA, HD)(7)2 S, Afgooye, CR. Woody forb, dwarf  
shrub.*Indigofera trita* L. f. var. *maffeii* (Chiov.)Ali, var. *scabra* (Roth) Ali, var.*microphylla* (Chiov.) Gillett & var.*subulata* (Poir.) Ali (I. *maffeii* Chiov.,I. *subulata* Poir., ?I. *umbraticola* Vatke)GEED XAJIIN (W)1(8)3 CR, S; N (Cuf. 1955). Dwarf shrub &  
shrub, woody forb, can be scandent.*Indigofera tritoides* Bak. var. *tritoides* &var. *obbiadensis* (Chiov.) GillettGEED-CAWL (GED-AUL, GED-AWL) (G, M)NAGAAR/NAGAADH (NAGARD) (G)(2) N, CR. Small ?woody forb may be  
prostrate.*Indigofera viridiflora* Chiov.GEED-CAWL (GED-AUL, GED-AWL) (G, M)

N (Cuf. 1955).

*Indigofera volkensii* Taub. (I. *boranensis*Chiov., I. *subhirtella* Chiov.)

(3) CR, S. (Woody) perennial.

*Indigofera* sp. aff. I. *welwitschii* Bak. &*garissaensis* Gillett

Gillett et al. 25268

(1)1 S. Annual.

*Indigofera zanzibarica* Gillett

Kiunga, Kenya thus expected SW Som.

Prostrate perennial.

*Indigofera* subsec. *Centrae* A

Gillett et al. 22625

(1) CR. Dwarf shrub.

*Indigofera* sec. *Centrae* B (?aff. I*suaveolens*)

Gillett et al. 22050, ?22356

LABEYLAAD (KH)

(3) CR. Dwarf shrub.

*Indigofera* n. sp. subgen. *Microcharis*

Gillett &amp; Hemming 24496

(1)1 Coast NW of Muq., (&) 26 km SW of  
Adale, 2°34'N 46°09'E. Small perennial.*Indigofera* n. sp.

Gillett &amp; Hemming 24143

2°43'N 44°30.5'E

(0)1 S. Small ?perennial or biennial.

*Indigofera* n. sp.

Kuchar 17682

SAYN FARSAAD (KH)(1) CR: Jalalaksi Dist., 3°38'N 45°54'E.  
Dwarf shrub.*Indigofera* indet.HAGARRAH (M)DHAROO (DIRKA, DURKA) (B)LABEENAAD (B)*Lablab purpureus* (L.) Sweet ssp. *purpureus* &ssp. *bengalensis* (Jacq.) Verdc. (incl. L.  
*niger* Medic.)

EX.

S, cultivated (Cuf. 1955). Perennial(-  
annual) vine.*Lonchocarpus bussei* HarmsBoni Forest, Kenya thus expected SW Som.  
Tree.*Lonchocarpus kanurii* Brenan & Gillett(3)2 S; also Muq. acc. to Thulin. Shrubby  
little tree.*Lotus garcinii* DC. (L. *stocksii* Boiss.)

S (Cuf. 1955).

*Lotus quinatus* (Forsk.) Gillett var.*quinatus*

(1) N mts. Prostrate perennial.

*Lotus schimperi* Steud.

N (Gillett 1958b).

*Lupinus somaliensis* Bak.  
N. (incl. Cuf. 1955).

*Macrotyloma axillare* (E. Mey.) Verdc. var.  
*glabrum* (E. Mey.) Verdc.  
Somalia. Trailing or climbing perennial.

*Macrotyloma uniflorum* (Lam.) Verdc. var.  
*benadirianum* (Chiov.) Verdc., var.  
*stenocarpum* (Brenan) Verdc. & var.  
*verrucosum* Verdc. (*Dolichos benadirianus*  
Chiov., *D. uniflorus* Lam.)

DIR-WARAABE (DIR-UARRABA, DIR-URRABA) (C, Z)  
(3) 1 Muq. & S coast; prob. expected CR  
coast. Prostrate perennial.

*Medicago laciniata* (L.) Mill.  
(1) N. Prostrate annual.

*Medicago lupulina* L.  
EX?

(1) N mts. Prostrate annual or short-lived  
perennial.

*Medicago minima* (L.) Bartal. (*M. polymorpha*  
L. var. *minima*)  
JAWJAWLE (CHAU-CHAULE, CHOW CHOWLI) (G)  
N (Thulin 1983). Annual.

*Medicago sativa* L.  
EX.  
Somalia (Cuf. 1955). ?Annual.

*Mundulea sericea* (Willd.) A. Chev.

DUDTA XIROW (B)  
?LUF (B)

NIGO FIGIIS, NEERGA FIJIS, NEERGAFIGISH, NIRGO  
FIJIS (MOG, B)

LEBI WANDIID, LEBBI WANDIT (B, KTS)  
JEBLE (C)

GUABAN-FIGGIS (C)

GEED-BUUREED (HD)

1(10)5 CR, S. Shrub, small tree.

*Neorautanenia mitis* (A. Rich.) Verdc. (N.  
*pseudopachyrhiza* (Harms) Milne-Redh.)  
Djibouti (Cuf. 1955). Perennial forb,  
creeper or vine.

*Ormocarpum keniense* Gillett  
GEED QUMI, GED GOMI (B)  
(2) 2 CR, S. (Dwarf) shrub.

*Ormocarpum kirkii* S. Moore (*O. pubescens*  
(Hochst.) Cuf., *Diphaca discolor* (Vatke)  
Chiov.)

MAROODI-MAKARAAN (MARODI MACARAN) (G, M)

MAROODI MATAGEEN (HD)

MDROODI-MASIIBE (HD)

SAGAARO-LEGED (SIGARRE-LEGGET) (C)

?SHURUMBOW (HD)

3(4)5 S, Muq. & N (Cuf. 1955). Shrub or  
small tree.

*Ormocarpum muricatum* Chiov. (incl. *O.*  
*bibracteatum* Harms, *O. kirkii* sensu Chiov.  
1932, in part)

DABAKAR (KH)

LAAMALOOD (KH)

SAGAARO-LEGED (SAGARA LEGED, SAGARO  
LEGIT) (G, M)

TUKALALMIS (G, M)

GEED QUMI (B)

MAROODE MASIIBE (B)

MAROODI-MAKARAAN (MARODE MAKERAN, MARODE-  
AMAKERAN) (B, MOG, EA)

GALMELEGHE (C)

REER-SOOMAGALE (L)

MATHAMADOL (Wo)

MOROTOMOS (Wo)

(15) 1 S, CR; N (Gillett 1966). Shrub.

*Ormocarpum sennoides* (Willd.) DC.  
Boni Forest, Kenya thus expected SW Som.  
Shrub or small tree.

*Ormocarpum somalense* Gillett (*O. coeruleum*  
sensu Cuf.)

DABAKAR (TABAKAR) (Z)

(1) CR; N (Kazmi 1985); only N acc. to  
Thulin. Shrub.

*Ormocarpum trichocarpum* (Thunb.) Engl.  
Thulin & Warfa 4476, Hemming SRS 146/5  
(1) 1 S. Shrub.

*Ormocarpum* sp. nov. 'B' (*O. kirkii* sensu  
Chiov. 1932, in part)

MAROODI-MAKARAAN (MARODI MAKARAN) (Gillett  
1966)

S (Kazmi 1985).

*Paracalyx microphyllus* (Chiov.) Ali (*Cylista*  
*microphylla* Chiov.)  
N (Cuf. 1955).

*Paracalyx nogalensis* (Chiov.) Ali (Cylista  
nogalensis Chiov.)  
(4) N incl. just N. Twiner, woody twiner.

*Paracalyx somalorum* (Vierh.) Ali (P.  
scariosa sensu auctt. non (Roxb.) Ali,  
Cylista somalorum Vierh.)  
N, S (Cuf. 1955).

*Phaseolus mungo* L.  
DIIR-CAGAAR (DIR-AGRAR) (C)  
SALBUKO-DEGHEL? (SALBOCO-DEGHEL) (C)  
SALBOCO-URUDLE (C)  
SALBUKO-CAGAAR (SALBOCO-AGARTOI) (C)  
EX.  
Cultivated for seeds in S (Cuf. 1955, Kazmi  
1985).

*Phaseolus vulgaris* L.  
SALBUKO-BALUK? (SALBOCO-BULLUC) (C)  
SALBUKO-BALUK-CADE (SALBOCO-BULLUK-ADDA) (C)  
SALBUKO-BALUK-GUDUD (SALBOCO-BULLUK-  
GHEDUD) (C)  
EX.  
Cultivated in S (Cuf. 1955). Annual forb,  
scrambler.

*Physostigma venenosum* Balf.f.  
EX.  
Experimentally cultivated at Muq. (Cuf.  
1955).

*Platycelyphium voense* (Engl.) Wild (P.  
cyananthum Harms)  
BALALAG (KH)

SABANSABDHO (SABY SAYDHO, SABY SAYDI, SABY  
SEEDHO, SABANSABLEH, SABAN SABADU,  
SABANSABAD, SABANSABADOH, SABANSABDO, SABA-  
SAMBDO, SABASSABDA, SABAN-SABADU)  
(C, MOG, KTS, G, B, M, Thulin 1983)  
SAMO-SAMDHO (MOG)  
CAFI (C)  
SALMI-SALMI (EA)  
(9) 6 CR, N, S. Shrub or usually small tree.

*Psoralea corylifolia* L.  
HAGARR (M)  
GEED-BIYOOD (GEED-BYOD, GHET-BIOD, GHET-  
BIOT) (C, MOG)  
BALANBAL/BALAMBAL (C)  
4(4) 1 Afgooye southward. Weedy forb.

*Psoralea plicata* Del.  
N (nr. Burao) (K).

*Ptycholobium plicatum* (Oliv.) Hiern  
(Tephrosia plicata Oliv.)  
Djibouti. (Brummitt 1980, p. 462?)

*Rhynchosia albissima* Gand. (R. albomarginata  
Chiov.)  
BUG-BUKO (SAR)  
S (Cuf. 1955). Perennial woody forb, dwarf  
shrub.

*Rhynchosia cliffordii* Hutch. & Bruce  
(1) N mts. Prostrate subwoody forb.

*Rhynchosia elegans* A. Rich. (R. buramensis  
Hutch. & Bruce)  
(1) N mts. Perennial twiner.

*Rhynchosia gansole* Chiov.  
GANSOLE, GIANSOLE (C)  
(2) CR; also N (Cuf. 1955). Sprawly  
(dwarf) shrub, maybe prostrate forb.

*Rhynchosia malacophylla* (Spreng.) Boj. (R.  
flavissima Hochst., R. sennaarensis  
Schweinf.)

BUC BUC (G)  
SOOR-MADOW (SOOR-MUDU) (C)  
2( ) Afgooye; probably CR; N, S (Cuf. 1955).  
Trailing or climbing perennial.

*Rhynchosia megalocalyx* Thulin  
Kuchar 17660, 17632, 17424, 17664  
(4) CR: Jalalaksi Dist. Sprawly shrub,  
woody vine.

*Rhynchosia minima* (L.) DC. var. minima &  
var. prostrata (Harv.) Meikle (incl. R.  
memnonia (Del.) DC.)

JANJAWLE [or possibly JALEELO?] (JALALE, CHAU  
CHAULE, YALALE) (C, G)

MIRGI EDALIS, MIRZA EDALIS (G)  
GARDO (HD)

SAAQ-SAAQ (HD)

SAAR-SAAR (HD)

UMBEI (Wo)

2(9) 4 CR, S; also N (Cuf. 1955). Prostrate  
or twining perennial.

*Rhynchosia pulverulenta* Stocks  
N. ?Annual (woody) forb or vine.

*Rhynchosia ramosa* Verdc.  
Ogaden. Perennial probably prostrate forb.

*Rhynchosia schimperi* Boiss.  
1(2) CR. Low creeping perennial.

*Rhynchosia sublobata* (Schumach.) Meikle (R.  
?macinaca Chiov., R. transjubensis Chiov.  
fide Thulin)  
CAHN SOLE (MOG)

GEEL-DABAR (GELDABAR) (G, C, MOG, M)  
GESSORIYOOD/GEESARRIYOOD (GESSO RE AD) (G)  
1(7)3 S, N; Afgooye. Perennial twiner.

*Rhynchosia totta* (Thunb.) DC.  
N ( ). Perennial twiner.

*Rhynchosia usambarensis* Taub. ssp. *inelegans*  
Verdc.  
(1) Trailing or climbing perennial.

*Rhynchosia velutina* Wight & Arn. var.  
*discolor* (Bak.) Verdc. (R. *discolor*  
Klotzsch, R. *klotzschii* Cuf.)

GEEL-DABAR (L)  
GESSORIYOOD/GEESARRIYOOD (GEESO RYAD) (MOG)  
MARGUYO DAALIS (L)  
GABALGOREY, GOBOLGOREY (MOG)  
XARIGXARIG (L)  
XARKAXARKOOD (L)  
(8) Muq., CR; CR, S (Cuf. 1955). Trailing  
or climbing perennial.

*Rhynchosia* n. sp.  
Lavranos & Carter 23218, 23265  
(2)2 Muq. area: Jasira, & 2° 07' N 45° 25' E.  
Creeping or climbing (?woody) forb.

*Rhynchosia* indet.  
UMBEY (B)  
RIYO-XIRAY/XIDHAY (RHEHO HEDAI) (MOG)

*Sesbania*+ *bispinosa* (Jacq.) W.F. Wight var.  
*bispinosa* & var. *micrantha* (Chiov.)

Gillett  
LEBI/?LABI (M)  
LEBI-YER/LEBI-YAR (LEBBI YER) (G)  
LAVUEETI (HD)  
1(5)3 Afgooye, S; N (Cuf. 1955). Annual or  
biennial slightly woody forb.

*Sesbania grandiflora* L. incl. var. *coccinea*  
(L. f.) Chiov.  
EX.

+ See Gillett 1963.

S, ?elsewhere (Cuf. 1955).

*Sesbania greenwayi* Gillett  
S. Woody annual to 5 m.

*Sesbania leptocarpa* DC.  
GHED-GAJAN (C)  
RACHEILE-LOAD (C)  
LOREP (C)  
S (Cuf. 1955). ?Annual.

*Sesbania quadrata* Gillett  
(1) N, also N Kenya. Annual woody forb,  
shrub.

*Sesbania sericea* (Willd.) Link (S.  
*pubescens* DC.)  
GEED-BIYOOD (GEED BIYE) (B)  
LEBI? (LOWIE) (B)  
LEBI YER (MOG)  
1(2) S. Annual or biennial (slightly)  
woody forb.

*Sesbania sesban* (L.) Merr. var. *nubica* (S.  
*leptocarpa* DC. var. *nubica* Chiov., S.  
*confaloniana* Chiov., S. *punctata* DC.)  
BALANBAL BIYOOD (BALAMBAL BIOD, BALAMBAL-  
BIOT) (C, G, M)  
LEBI-YAR/YER (LEBI YERO) (G, M)  
LOREP (G)  
RACHEIL LOAD (G) BAFLI (C)  
GEED-BIYOOD (GHET-BIO, GHED-BIO) (G, C)  
LABIHEERAAD (L)  
SHOORO (M)  
RAMOODDEE (HD)  
6(5) S incl. Afgooye, Balcadi; CR; also N, S  
(Cuf. 1955). Softly woody tree or shrub.

*Sesbania somalensis* Gillett  
LEBI-YER (LEBEYERO) (FE, MOG)  
(1) N, also Ogaden, NE Kenya. Dwarf shrub  
or woody forb.

*Sesbania* indet.  
YABYI (HD)

*Sophora inhambanensis* Klotzsch  
Boni Forest, Kenya thus expected SW Som.  
Shrub.

*Sophora somalensis* Chiov.  
S (Cuf. 1955). Shrub.

*Spathionema kilimandscharicum* Taub.

Expected S. (More or less) woody vine.

*Stylosanthes fruticosa* (Retz.) Alston  
(1) S; N (Cuf. 1955); prob. CR. Woody perennial forb (or dwarf shrub?).

*Stylosanthes suborbicularis* Chiov.  
(1) CR; S (Cuf. 1955). Low forb.

*Taverniera+ abyssinica* A. Rich.  
OH-LASSOH (MOG)  
N; only Eth. acc. to Thulin 1983. Dwarf shrub.

*Taverniera lappacea* (Forsk.) DC. (T. *stefaninii* Chiov.)

GUNAR (C)  
(7) N. Dwarf shrub & woody forb.

*Taverniera longisetosa* Thulin  
N.

*Taverniera multinoda* Thulin  
IL CAS (ULACAS, UL AAS) (EA)  
(2) 1 N. Dwarf shrub/shrub.

*Taverniera oligantha* Thulin (T. *schimperi* Jaub. & Spach)  
Djibouti (Cuf. 1955), Eth. (Thulin 1983).

*Tephrosia apollinea* (Del.) Link ssp. *apollinea* & ssp. *brevistipulata* Vierh.  
AQUAER (G)  
DEIEDOEBBO (C)  
(1) N. Forb, hardly distinguishable from *T. purpurea* s. lat.

*Tephrosia desertorum* Scheele  
(2) N; ?expected CR. Forb.

*Tephrosia dura* Bak.  
BOEHA (C)  
(2) N. Shrub.

*Tephrosia emeroides* A. Rich.  
(1) N mts. Perennial woody forb, dwarf shrub.

*Tephrosia filiflora* Chiov.  
XAJIIN (W)  
(2) 4) 2 CR, S. Small prostrate woody forb.

*Tephrosia heterophylla* Vatke (maybe = *T. schweinfurthii* Defl.)  
N (Cuf. 1955).

*Tephrosia linearis* (Willd.) Pers.  
Expected S; N (Cuf. 1955). Annual or short-lived perennial.

*Tephrosia lortii* Bak. f.  
N. Subwoody perennial.

*Tephrosia noctiflora* Bak.  
(2) 1 S, CR. Perennial woody forb, dwarf shrub, shrub.

*Tephrosia nubica* (Boiss.) Bak.  
GEED-CADE (GHED-ADDE) (C)  
WAN-ERI/ARI (UAN-ERI) (C)  
DEREGNO (C)  
S (Cuf. 1955), Djibouti. Woody forb, dwarf shrub.

*Tephrosia obbiadensis* Chiov.  
GEED-XAJIIN (GED HAJIN) (G, M)  
GEEDCAD (KH)  
GEED MADOW (W)  
SARACADDEEYE, SAARA-CADAY, SAARA CADEY (KH, W, L)  
XOLMAAR (KH)  
DABAKAR (W)  
2(7) 1 CR, N, S. Dwarf shrub & shrub.

*Tephrosia pentaphylla* (Roxb.) G. Don (T. *similis* Chiov., *T. senticosa* sensu Cuf.)  
INDOLE (MOG)  
(6) 2 CR, S, ?N. Annual or short-lived woody perennial.

*Tephrosia polyphylla* (Chiov.) Gillett  
DEREGNO (C)  
GEED-CADE (GHED-ADDE) (C)  
WAN-ERI/WAN-ARI (UAN-ERI) (C)  
GEED-XAJIIN (GHED-HADJIN) (Thulin 1983)  
(5) 1 S, Ogaden. Dwarf shrub, woody forb.

*Tephrosia pumila* (Lam.) Pers. var. *pumila* & var. *aldabrensis* (J.R. Drum. & Hemsl.) Brummitt

WIR-IGO (KH)  
(10) 3 CR, S. (Sub)prostrate annual or short-lived perennial.

- Tephrosia purpurea* (L.) Pers. ssp. *leptostachya* (DC.) Brummitt & ssp. *qunensis* Brummitt  
N; also CR, S (Kazmi 1985). Annual or short-lived woody perennial forb.
- Tephrosia schweinfurthii* Defl. (T. *simplicifolia* Franch., T. *franchetii* Hutch. & Bruce)  
AQUER(C)  
(2) N. Dwarf shrub.
- Tephrosia subtriflora* Bak. (T. *graminifolia* Chiov., T. *sulphurea* Chiov.)  
1(12)2 CR, N, S, Muq. Small prostrate to ascending annual or short-lived perennial.
- Tephrosia uniflora* Pers. (T. *transjubensis* Chiov., T. *vicioides* A. Rich.; ?incl. T. *quartiniana* Cuf.)  
GEELDABAR/GEELDHABAR (GELDABAR) (G, C, M)  
(7) CR, N; also S (Cuf. 1955). Prostrate to erect (woody) perennial.
- Tephrosia villosa* (L.) Pers. (T. *ehrenbergiana* (Schweinf.) Brummitt)  
GEED-XAJIIN (GED HAJEEN, GED HAJIN) (G, M)  
XAGARO (HAGA GARO) (G, M)  
XAJIIN (HAGGIN) (C)  
DHARQO (DERKA) (C)  
DARGHA-MAREI (C)  
(0)1 S. Bushy annual or short-lived perennial (?dwarf shrub).
- Tephrosia* indet.  
LEBI YER/YAR (LABI YARO, LEBIYER) (M, MOG)  
HAREGLI (MOG)  
DHARQO (DHIRGE) (HD)
- Teramnus labialis* (L.f.) Spreng. ssp. *arabicus* Verdc.  
Arabia, E Kenya incl. Lamu etc; probably expected Somalia & CR; N (Cuf. 1955).  
Perennial vine or trailer or prostrate forb.
- Teramnus repens* (Taub.) Bak.f. ssp. *gracilis* (Chiov.) Verdc. (T. *gracilis* Chiov.)  
(1) S; probably expected CR. Prostrate mat-forming perennial.
- Trifolium campestre* Schreb.  
EX.  
Djibouti (Cuf. 1955), Eth. (Thulin 1983).
- Trigonella foenum-graecum* L.  
EX.  
(1) N mts. Annual.
- Vatovaea cibellii* (Chiov.) \_\_\_\_\_  
(*Phaseolus cibellii* Chiov.)  
Muq., S (Chiov. 1912). Big shrub.
- Vatovaea pseudolablab* (Harms) Gillett (V. *biloba* Chiov.)  
(1) N; S (Kazmi 1985). Woody vine.
- Vermifrux abyssinica* (A. Rich.) Gillett  
(1) N mts. More or less procumbent perennial.
- Vigna aconitifolia* (Jacq.) Marechal  
(1) N. ?Forb.
- Vigna luteola* (Jacq.) Benth.  
EX.  
N (Cuf. 1955). Perennial vine or creeper.
- Vigna macrorhyncha* (Harms) Milne-Redh.  
(1) Trailing or twining perennial.
- Vigna membranacea* A. Rich. ssp. *caesia* (Chiov.) Verdc. & ssp. *hapalantha* (Harms) Verdc. (V. *caesia* Chiov.)  
(1) S; NE Bay Region (O'Brien 1986).  
Twining or trailing annual-perennial.
- Vigna radiata* (L.) Wilczek  
EX.  
S (Kazmi 1985). Annual.
- Vigna somaliensis* Baker  
N (Cuf. 1955).
- Vigna tenuis* Franch. (?*Dolichos trilobus* L. var. *stenophyllus* Verdc.)  
N (Cuf. 1955).
- Vigna triloba* (Thunb.) Walp. var. *somalensis* Chiov. (is this *Dolichos trilobus*?)  
CR (Chiov. 1929).
- Vigna unguiculata* (L.) Walp. ssp. *dekindtiana* (Harms) Verdc. & ssp. *cylindrica* (L.) van Eseltine  
SALBUKO (SALBOCO) (C)  
DEGHELL-MEDOU (C)  
SALBOCO-DEGHELL-GHIR-GHIR (C)

~~SALBOCO-DEGHELL-ADDA (C)~~~~SALBOCO-DEGHELL-GHEDUD (C)~~~~SALBOCO-DEGHELL-AFKULL (C)~~~~SALBOCO-DEGHELL (C)~~~~DIRAFEUL (C)~~~~DIR-GUDUUD (DIR-GHEDUD) (C)~~~~DIGIR-JALOW (HD)~~

1(1) S. Erect or climbing annual or perennial. Widely cultivated in EA, mostly (1500 m (Kazmi 1985).

*Vigna vexillata* (L.) A. Rich. var. *vexillata* (V. *hirta* Hook. f.)

(1) S. Climbing or trailing perennial.

*Vigna villosa* Savi

EX.

Expected SW?

*Vigna* indet.

UMBEI (Wo)

*Zornia apiculata* Milne-Redh.

(2) 1 S, Muq.; N, S (Cuf. 1955). Erect or (sub)prostrate perennial.

*Zornia glochidiata* DC.

4(1) S. (Subprostrate) annual.

EXCLUDED:

*Astragalus atropilosulus* (Hochst.) Burge Reported from N.

*Calpurnia aurea* (Ait.) Benth. (C. *subdecandra* (L'Herit.) Schweick.) ?N (Cuf. 1955). Not in Som. as reported by Cuf. 1955, but Eth. acc. to J.B. Gillett annotation of Brummitt 1967.

*Crotalaria agatiflora* Schweinf. N acc. to Glover 1947, but based on coll. from mts above Harar, Ethiopia (J.B. Gillett pers. com.)

*Crotalaria microcarpa* Benth. N (Cuf. 1955) but not in Som. acc. to Polhill 1982.

*Crotalaria pallida* Ait. (C. *mucronata* Desv., C. *striata* DC.) S (Pol. & Chiov. 1934, Cuf. 1955), but not even close to Somalia acc. to Polhill 1982.

*Crotalaria senegalensis* (Pers.) DC. (C. *maxillaris* Kl.) S (Cuf. 1955), but not in Som. (exc. possibly extreme NW) acc. to Polhill 1982.

*Crotalaria serengetiana* Polhill Misdet. spec. in MOG - only S Kenya-N Tanz acc. to Polhill 1982.

*Crotalaria spinosa* Benth. N acc. to MOG specimens; maybe misdetermination of C. *horrida*; acc. to Polhill (1982) C. *spinosa* does not occur in Somalia.

*Crotalaria steudneri* Schweinf. Som. (Kazmi 1985), but acc. to Polhill (1982) the nearest localities are in Eritrea & Tanzania.

*Crotalaria vallicola* Bak. f. Probably misdetermination, since only known from W-cent. Kenya (Polhill 1982).

*Crotalaria zanzibarica* Benth. N (Cuf. 1955), only Tanzania & Mozambique acc. to Polhill 1982.

*Dolichos oliveri* Schweinf. ?N acc. to Kazmi 1985.

*Galega somalensis* (Harms) Gillett (*Astragalus somalensis* Harms) Only S Ethiopia despite specific epithet.

*Indigofera rothii* Bak. N acc. to Cuf. 1955.

*Indigofera senegalensis* Lam. S (Cuf. 1955): very doubtful as this is a W African species.

*Indigofera trigonelloides* Jaub. & Spach N acc. to Cuf. 1955.

*Mucuna melanocarpa* A. Rich. var. *somalensis* Harms SW Ethiopia, not Somalia despite epithet.

*Pterocarpus lucens* Guill. & Perr. S acc. to Cuf. 1955.

*Sesbania pachycarpa* DC. S acc. to Cuf. 1955.

*Taverniera aegyptiaca* Boiss. N acc. to Cuf. 1955.

*Tephrosia nana* Schweinf. ?N acc. to Glover 1947.

*Teramnus uncinatus* (L.) Sw. (T. *axilliflorus* (Kotschy) Bak. f. N acc. to Kazmi 1985.

*Trifolium somalense* Taub. S Ethiopia, not Somalia despite specific epithet.



154 BUXACEAE  
[FTEA 1962]

*Buxus hildebrandtii* Baill.  
~~DHOSOG~~ (DOSUG, DOSOGH, DOSOKH, DOSOQ, DUSOG,  
DUSOGH, DUSUK, DOSSO, DOSSOG) (C, G, MOG)  
CR, N. 2(13) Evergreen shrub.

*Notobuxus obtusifolius* Mildbr.  
Boni Forest, Kenya thus expected SW Som.  
Evergreen dwarf shrub/shrub.

156 SALICACEAE

*Populus ilicifolia* (Engl.) Rouleau (*P.*  
*euphratica* Oliv. ssp. *denhardtiorum* Engl.  
S acc. to Cuf. 1953, but this deciduous  
riparian tree of 3 perennial rivers in  
Kenya has never been found in Somalia or  
Ethiopia.

159 MYRICACEAE

*Myrica salicifolia* A. Rich. N acc. to Glover  
1947, actually Ethiopia.

164 CASUARINACEAE  
FTEA 1985

*Casuarina equisetifolia* L.  
~~SHAWRO/SHOWRI~~ (M)  
EX, naturalized.  
(1) Si & planted as ornamental (& sand-  
stabilizer?). Conifer-like evergreen  
tree.

*Casuarina verticillata* Lam. (*C. stricta* Ait.)  
EX.  
Som. (Kazmi 1985). Conifer-like evergreen  
tree.

165 ULMACEAE  
FTEA 1966

*Celtis africana* Burm. f. (*C. kraussiana*  
Bernh.)

~~BODAR, BO-ODAAR~~ (MOG)  
~~DEBI BODER~~ (G)  
(2) N mts. Tree.

*Trema orientalis* (L.) Bl. (*T. guineensis*  
(Schum. & Thonn.) Ficalho)  
~~DEBI BODAR~~ (G)  
~~BALANBAL/BALAMBAL DURED~~ (G)  
S (Chiov. 1932). Tree or shrub.

166 BARBEYACEAE

*Barbeya oleoides* Schweinf.  
~~CHERENYU, GARENYU, JEDENYU~~ (MOG)  
~~GARRI~~ (MOG)  
(3) N. ?Evergreen shrub or small tree (to  
6m).

167 MORACEAE  
FTEA

NOTE: all Somali species have milky sap.

*Dorstenia+ barnimiana* Schweinf. var. *telekii*  
Engl. (*D. triternata* Chiov.)  
(1) CR; CR/S, N (Cuf. 1953). Small perennial  
with bulb.

*Dorstenia foetida* (Forsk.) Schweinf. & Engl.  
ssp. *foetida* & ssp. *lancifolia* (Rendle)  
Friis, *Dorstenia crispa* Engl. incl. var.  
*pachypoda* Chiov.

~~CANBAR/CAMBAR~~ (AMBAR) (G)  
~~GEED-CANBAR/CAMBAR~~ (GED-AMBAR) (G)  
~~BOGOH-UCHED, BOGOH-U-JED~~ (G)  
~~GUSSDURUEI~~ (G)  
~~WANI WANI~~ (B)  
(2) Ni S (HTS 1983); CR (Chiov. 1929).  
Small perennial succulent.

*Dorstenia gypsophila* Lavranos [1972]  
(1) N. Erect succulent.

*Dorstenia* indet.  
~~BOGOCHED~~ (MOG)  
~~DAGANYADO~~ (MOG)  
~~HAGADAYERU~~ (MOG)

+ See Friis 1983.

*Ficus bussei* Mildbr. & Burret (F. somalensis Chiov., F. zambesiaca Hutch.)  
BERDE (BERD, BERBE) (G, B, MOG)

DI-HEN (G)  
MUKOY (MICOI) (G)  
KALEJEJE (CALZECI) (G, M)  
KASHERI (M)  
(3) CR, S. Tree to 20 m.

*Ficus capreifolia* Del.  
LAMEYDI (LUBETO) (C, M)  
MUKOY (MOCOI, MUCHI) (C)  
S (Cuf. 1953); CR acc. to Chiov. Shrub (or small tree).

*Ficus exasperata* Vahl  
Yemen, Djibouti, EA, thus probably expected  
N Som. Tree.

*Ficus glumosa* Del. (F. sonderi Miq.)  
BERDE (BARDE, BERDEH) (C, M, KTS, CAS)  
DHICIR-CAD (DEER AD, DEER-AD) (C, MOG, M)  
(4) N, CR. Shrub or small tree.

*Ficus ingens* Miq. [or is this quibeba? - see the EA list...]

*Ficus palmata* Forsk. (syn?)  
GEED GOOY/GOOYS (GED GOIN, GED GOIS, GULEIS) (G)  
(3) N, S (are all specimens the same taxon?, probably the S specimen is different - excluded). Tree.

*Ficus populifolia* Vahl  
LAF (LAFO) (G, M)  
MUKOY (MUKAAY, MUQI, MUQUAY) (B, MOG)  
BALANBAL/BALAMBAL (BALANBAAL) (KTS, CAS)  
BOWBOWLEHO (G)  
HAMASH (MOG)  
NIDIR (MOG)  
BERDE (BERD) (C)  
(5) N, S. Shrub & small tree.

*Ficus quibeba* Ficalho (F. lutea Vahl, F. vogelii (Miq.) Miq., ?F. ingens Miq.)  
DHICIR (M)  
DAREI (G)  
DHICIR-CAD (DEER AD) (G)  
LAF (LAFO, LUFO) (G, MOG, M)  
(2) N mts. Tree to 20 m, hemi-epiphyte.

*Ficus salicifolia* Vahl (F. cordata Thunb., F. pretoriae Burtt Davy)  
DHICIR (DAHER, DEER, DE-ER) (G, C, MOG)

BERDE (BERDAI, BERDAIER) (G, C, W)  
(12) N, CR. Large shrub to large tree.

*Ficus scassellatii* Pampan. ssp. *scassellatii* (F. kirkii Hutch.)  
KALAJEJE (CALICECCE, KALA-JEEJE) (G, SAR)  
BERDE (C)  
S (Cuf. 1953). Tree, hemi-epiphyte.

*Ficus sycomorus* L. (F. gnaphalocarpa (Miq.) Rich.)  
DARRAI, DAHER, DARE, DAREI, DURREH (C, G, MOG)  
MUKOY (MACHI, MUQI, MOCCO, MUCCO, MUCHE, MUCHEI, MÜCOI, MUKEY) (B, MOG, HD, C, M)  
MUKOY-CADE (MOCOI-ADDA) (C)  
MUKOY-GÜDÜUD (MOCOI-GHEDUD) (C)  
(7) N, S. Tree 5-12(20) m.

*Ficus thonningii* Blume (incl. F. dekdekana (Miq.) A. Rich.)  
KALEJEJE (M)  
SHORLA (G)  
(2) N mts. Shrub or tree, can be hemi-epiphyte.

*Ficus vasta* Forsk.  
BERDE (BARDE, BERDEH) (B, C, MOG, KTS)  
(3) N, just S; S (Raimondo et al. 1981).  
Tree 8-10(25?) m.

*Ficus* ?n. sp.  
Gillett 23069  
(2) N. Tree.

*Ficus* indet.  
MUKOY (MUQI) (MAC)  
DURAI (MOG)  
BARDE YER (MOG)  
SCIQURA (C)

## EXCLUDED:

*Ficus sur* Forsk. (F. capensis Thunb.) N acc. to Glover 1947.  
*Ficus platyphylla* Del. CR acc. to Chiov. 1929, S acc. to Cuf. 1953; probably misdet. of the closely related *F. bussei*, as the elev. range for *F. platyphylla* is 950-1100m acc. to FTEA.

*Forsskaolea* [Forskohlea] *tenacissima* L.  
N (Cuf. 1953); also Djibouti (K). Forb.

*Forsskaolea viridis* Webb  
GUBTAANYO/GUBTAHANYO (GO-OPHANYU,  
GUBDAINYU, GUPTHAINYU) (G, M)  
(1) N mts; also Djibouti (K). Annual.

*Parietaria debilis* G. Forst.  
(1) N mts. Small subprostrate annual or  
biennial.

*Pouzolzia mixta* Solms  
E of Harar, Ethiopia (Friis & Jellis 1984)  
thus expected N Somalia.

*Urtica urens* L.  
GUBTAANYO/GUBTAHANYO (GO-OPHANYU) (G, M)  
(1) N mts. Stinging annual.

#### EXCLUDED:

*Debregeasia saeneb* (Forsk.) Hepper & Wood  
(*Boehmeria hypoleuca* (Steud.) A. Rich.,  
*Debregeasia salicifolia* (D. Don) Rendle)  
Cited in Glover 1947, but refers to  
material from near Harar, Ethiopia.  
*Urera hypselodendron* (A. Rich.) Wedd. Cited  
in Glover 1947, but

#### 170 CANNABACEAE FTEA 1975

*Cannabis sativa* L.  
EX: hemp, cannabis, marijuana.  
Robust annual. Widely naturalized in  
Africa, doubtless including Somalia.

#### 173 CELASTRACEAE

*Catha edulis* (Vahl) Endl.  
KHAAD/Q'AAD [from Arabic]  
JAAD [from Amharic]  
KAT, KHAT, QAT, CHAAT (G, KTS, Z)  
N mts. Evergreen(?) tree.  
Recently introduced & cultivated on a small  
scale in N (Kazmi 1985). Leaves &  
decoction renowned for stimulant  
properties (Cuf. 1958). Banned 1983.

*Elaeodendron albivenosum* Chiov. (Cassine  
*albivenosa* (Chiov.) Cuf.)  
S (Cuf. 1958).

*Elaeodendron aquifolium* (Fiori) Chiov.  
(Cassine *aquifolium* Fiori, *Hartogia*  
*agrifolium* Chiov.)

GUMMUR (B)  
MUG DOYE, MUG DAAYE, MUG DEYE, MAGDEYER (B, MOG)  
GED MAGGOT (MOG, B)  
MEGED, MAGED, MEGHET (G, MOG, Wo)  
GHEB (C), GUBE (EA)  
HAROKUFAY (EA)  
GALLAANGAL (GALLAANGAL) (HD)  
(7)3 CR, S. Evergreen shrub.

*Elaeodendron schlechteranum* (Loes.) Loes.  
Boni Forest, Kenya thus expected SW Som.  
Evergreen(?) shrub.

*Elaeodendron schweinfurthianum* (Loes.) Loes.  
(Cassine *schweinfurthiana* Loes.)

GHEB-EREK, GHEB-EREC (C, G)  
MEGHET (G)  
SOUG, SUG (G)  
ADEN-MADOW (ADEN-MEDU) (C)  
GUVA (C)  
LAF (C)  
S (Chiov. 1932). Evergreen(?) shrub.

*Hippocratea africana* (Willd.) Loes.  
Boni Forest, Kenya thus expected SW Som.  
Woody vine?

*Hippocratea crenata* (Klotzsch) K. Schum. &  
Loes.  
GEED, BUUREED (B)  
(5)1 S, almost CR (Bur Heybe). Evergreen  
shrub or (usually) woody vine.

*Maytenus* <sup>+</sup>*arbutifolia* (A. Rich.) Wilczek (M)  
*ovatus* (Wall.) Loes. var. *ovatus* f.  
*pubescens* (Schweinf.) Blakelock,  
*Gymnosporia arbutifolia* (Rich.) Loes., *G.*  
*obscura* (Rich.) Loes., *G. serrata*  
(Hochst.) Loes.)

GEED-GODXEED (GEDGODHED) (MOG)  
GODXANTOOL (GODHANTORLE) (MOG)  
KOMBOLCHA (G), KOMBOLEHO (G)  
DEGMUT, DEGMUD (G, MOG)  
DUBOBEIS, DABOBEIS (G)  
1(1) N. Armed shrub or small tree.

+ See Demissew 1985.

*Maytenus heterophylla* (Eckl. & Zeyh.)

N. Robson

(1) N; N, S (Demissew 1985). Armed shrub.

*Maytenus mossambicensis* (Klotzsch) Blakelock

Boni Forest, Kenya thus expected SW Som.

Armed dwarf shrub, shrub or small tree.

*Maytenus obbiadensis* (Chiov.) Cuf.

(*Gymnosporia obbiadensis* Chiov.)

GAROORSHE (KH)

GODAXTOOL (KH)

SURUUR (SURUR) (KH, W)

1(?) 3 - add the MOG specs) 1 CR. Endemic.

Armed prostrate mat-forming shrub.

*Maytenus punctata* Sebsebe

DEG MO-OD (JBG)

N-NE (Demissew 1985). Endemic(?).

*Maytenus putterlickioides* (Loes.) Exell & Mendonca

S (Kazmi 1985). Armed ?evergreen shrub (or small tree).

*Maytenus senegalensis* (Lam.) Exell

(*Gymnosporia senegalensis* (Lam.) Loes.)

DEGMUT (MOG)

GODXANTOOL (GODHANTORLE) (MOG)

MANDEN (MOG)

JAAD (MOG)

BOCONDON, BOCODON, BUCONDON (C, G)

KUNDON, CUNDON (C, G)

ADAI (EA)

2(?) N, CR, S: Jowhar, Afgooye. Armed

?evergreen shrub & small tree.

*Maytenus somalensis* (Loes.) Cuf.

GODAXTOOL (KODAH-TOLEH) (MOG)

(2) N mts. Endemic. Armed dwarf shrub & shrub.

*Maytenus undata* (Thunb.) Blakelock

(*Gymnosporia lancifolia* (Thonn.) Loes., G.

*laurifolia* (A. Rich.) Loes., G. *luteola*

(Del.) Szysz.)

MAGAALO (B)

LIMO (B)

DHEGWYN (DEGWUN) (G)

SARAD (G)

DEGMUD (G)

(5) CR, N; S (HTS 1983). Evergreen shrub or tree.

*Mystroxydon aethiopicum* (Thunb.) Loes.

(*Cassine aethiopica* Thunb.)

GUGGA (C)

(0) 1 S. Evergreen shrub or tree.

*Salacia leptoclada* Tul. (*S. floribunda* Tul.)

MABULISSANGA (G)

MADDERU, MADDERIE (C, G)

S (Cuf. 1958). Woody scrambler.

*Salacia madagascariensis* (Lam.) DC.

Boni Forest, Kenya thus expected SW Som.

Woody vine, shrub.

*Salacia senegalensis* (Lam.) DC.

S (Cuf. 1958).

*Salacia stuhlmanniana* Loes. (*S. pyriformis*

(Sabine) Steud., *S. somalensis* Chiov.)

MABULISSANGA, UMBULISAANGA (C, SAR)

MANBUKH (HD)

S (Cuf. 1958). Shrub, woody vine.

## 179 ICACINACEAE

FTEA 1968

*Apodytes dimidiata* Arn. (*Jobalboa aberdarica* Chiov.)

Boni Forest, Kenya thus expected SW Som. Tree.

*Pyrenacantha kaurabassana* Baill. (*P. vitifolia* Engl.)

S (Cuf. 1958).

Perennial vine or scrambler with tuber.

*Pyrenacantha malvifolia* Engl. (*P. ruspolii* Engl., *Trematosperma cordatum* Urb.)

ADAI (G)

ADALIS AD (G)

MOWE/MAWE (MOWD) (C)

OMBE (C)

(1) N; S, ?CR (Cuf. 1958). Perennial vine with massive swollen base to 1 m high.

## 180 SALVADORACEAE

FTEA 1968

*Azima tetracantha* Lam.

OTKA, ODKA, ORKA (G, MOG)

KIDI (G)

KULAN (G)

1(8) N, S (incl. Cuf. 1958). Armed shrub, can be semi-scandent.

*Dobera glabra* (Forsk.) Poir. (incl. Simaroubacea indet. 'aff. Irvingia' in Cuf. p. 375)

GARAS (GARASS, KHARAS) (G, C, L, KTS, M, M, CAS, HD, MIS, NWR)

(6) CR; N, S (Cuf. 1958). Evergreen tree.

*Dobera loranthifolia* (Warb.) Harms (D. macalusoi Mattei)

TOWSI (B)

GARAS (GARASS) (C, G, B, M)

(1) S; just S (Chiov. 1932). Evergreen shrub or (small) tree.

*Salvadora persica* L. var. *persica* & var. *cyclophylla* (Chiov.) Cuf.

CADAY (ADIEMAC, ADEI, ADEY, ADI, ADHI, ATHI, CADDAY, ADDAI, ADE, ADI, ADAI, ADAJ, HADAI, HADI, AIE) (L, M, G, KTS, C, CAS, KH, MOG, B, MAC, W, Wo, NWR, HD, SAR, MIS)

ARAK, RAK, RUK, ARAS (C, G)

toothstick: RUMAY (RUMAY, RUMMEI, RUMMI) (C, G, M, HD)

maybe CADAY (M)

1(11) CR, N, S. Evergreen shrub forming tangled thickets, or small tree.

## 182 OLACACEAE

FTEA 1968

*Ximenia americana* L.

MURCUD/MORCOD? (MANDARUT, MANDURUD, MOR HOD, MONDRUC, MORHOD, MORORD, MUNDURUD, MURCOAD) (C, G, KH, MOG)

AMIRGUDUD (G)

CIUNDUQUA, CIUNDU-CUA (C, G)

DEHM (Z)

UNKWOI (G)

(4) CR; S (Chiov. 1932). Armed shrubby tree or shrub.

*Ximenia caffra* Sond.

MURCUD? (MANDARAU, MANDARUD, MANDURCET, MANDURUD, MANDHARUD, MANHARUD) (KTS, Z, SAR)

(1) S; ?CR (Kazmi 1985). Armed shrub.

## 183 OPILIACEAE

FTEA 1968

*Opilia campestris* Engl. (*O. strobilifera* Hutch. & Bruce)

JO' (KH)

AFGUB, AF-GUB (MOG, KTS, B)

ERI (C)

ARSH (MAC)

ROOXO (MOG)

1(5) S, CR; N (Cuf. 1953). Semi-evergreen shrub or shrubby tree, may scramble.

*Rhopalopilia umbellulata* (Baill.) Engl. Boni Forest, Kenya thus expected SW Som. Woody vine.

### EXCLUDED:

*Opilia amentacea* Roxb. (*O. celtidifolia* (Guill. & Perr.) Walp.). CR&S acc. to Kazmi 1985 but likely referable to *O. campestris*.

## 185 LORANTHACEAE

FTEATS 1988?

*Emelianthe panganensis* (Engl.) Danser (*Loranthus panganensis* Engl.)

GADI (GADE, KADI, GADEY, GADEI) (B, MOG)

DILOUYAHAN/DHILLOW YAHAN? (DILOYAHEN)

(G, MOG, M)

HIDIGALOL (MOG), HIDI GALOL (G)

4(3) S, CR; N (FTEA). Woody parasite on *Commiphora*, *Boswellia*, *Lannea*, *Sterculia*, *Adansonia*, *Euphorbia* (FTEA).

*Englerina ramulosa* (Sprague) \_\_\_\_\_ (*Loranthus ramulosus* Sprague)

GADI (GADO) (C)

S (Cuf. 1953). Parasite on *Cordia*, *Phyllanthus* (Cuf. 1953).

*Erianthemum aethiopicum* Wiens & Polhill

GADI (KH)

(2) CR, S. Woody parasite generally on *Commiphora* (FTEA), also *Cordyla*, *Loewia*.

*Erianthemum dregei* (Eckl. & Zeyh.) Van Tiegh. (*Loranthus dregei* Eckl. & Zeyh.)

~~DILOWYAHAN~~ (DILO YAHEN) (G, M)

~~HIDIGALOL~~, ~~HIDIJALOL~~ (G)

~~FULAY~~ (HD)

~~1(3)1~~ N, S; likely CR. Woody parasite on a wide variety of hosts.

*Helixanthera flabellifolia* Wiens & Polhill ined.

(1) N. Woody parasite on *Boswellia* (incl. FTEA).

*Helixanthera kirkii* (Oliv.) Danser (*H. somalensis* (Chiov.) Danser, *Loranthus stefaninii* Chiov.)

S (Kazmi 1985). Parasite usually on *Cordia*, *Grewia* or *Combretum*, also *Markhamia* (FTEA).

*Helixanthera thomsonii* (Sprague) Danser

~~DILOWYAHAN~~ (DILO YAHEN) (G, M)

(0)1 SW of Jowhar; also N; Ogaden incl. close to CR (FTEA). Parasite on *Boswellia*, *Commiphora* & *Lannea*.

*Oliverella hildebrandtii* (Engl.) Van Tiegh.

Boni Forest, Kenya thus expected SW Som. Parasite.

*Oncocalyx cordifolius* Wiens & Polhill

S (FTEA). Woody parasite.

*Oncocalyx fischeri* (Engl.) M.G. Gilbert

(*Odontella fischeri* (Engl.) Balle, *Loranthus dichrostachydis* Chiov., *L. stuhlmannii* Engl.)

~~DILOWYAHAN~~ (DILO YAHEN, DILLOWYAN, DILOH

WIYAN) (G, C, M)

~~HIDI GALOL~~ (G)

(3) N, CR; S (Cuf. 1953). Woody parasite on numerous hosts.

*Oncocalyx ghikae* (Volk. & Schweinf.)

M.G. Gilbert

(1) CR; N, Ogaden (FTEA). Parasite on *Commiphora* (Cuf. 1953), *Cordia*.

*Oncocalyx glabratus* (Engl.) M.G. Gilbert

(*Loranthus glabratus* (Engl.) Sprague)

(2) N mts. Woody parasite on various plants (*Acacia*, *Citrus*) (EA).

*Oncocalyx kelleri* (Engl.) M.G. Gilbert

(*Odontella kelleri* (Engl.) Van Tiegh.)

~~DILOWYAHAN~~ (DILO YAHEN) (G, M)

~~HIDI GALOL~~ (G)

~~FUUCO~~ (M)

~~1(2)~~ N, S incl. just S (Jowhar). Woody parasite mostly on *Capparidaceae* & *Salvadoraceae*.

*Oncocalyx schimperi* (A. Rich.) M.G. Gilbert

(*Odontella schimperi* (A. Rich.) Van Tiegh., *Loranthus schimperi* A. Rich.)

~~DILOWYAHAN~~ (DILOYAHAN, DILO-YAHEN) (C, MOG, M)

~~HIDIGALOL~~, ~~HILDI GALOL~~, ~~HIDE GALOL~~ (G, MOG)

(2) N mts. Woody parasite on many tree genera including *Acacia* & *Combretum* (Cuf. 1953).

*Oncocalyx ugogensis* (Engl.) Wiens & Polhill

(*Odontella ugogensis* (Engl.) Balle, *Loranthus microphyllus* Engl., *L. tanaensis* Engl.)

S (Cuf. 1953). Woody parasite on various shrubs & trees.

*Oncocalyx* indet.

Parasite on *Cordia sinensis*.

*Phragmanthera dschallensis* (Engl.) M. Gilbert

~~DILOWYAHAN~~ (DILO YAHEN) (G, M)

(1) [correct det?] N. Woody parasite on *Acacia* (Cuf. 1953).

*Plicosepalus acaciae* (Zucc.) Wiens & Polhill

(*Tapinostemma acaciae* (Zucc.) Van Tiegh., *Loranthus acaciae* Zucc.)

~~DILOWYAHAN~~ (DILO YAHEN) (MOG, M)

(1) N mts. Woody parasite on trees of many genera (cf. Cuf. 1953).

*Plicosepalus curviflorus* (Oliv.) Van Tiegh.

(*P. faurotii* (Franch.) Van Tiegh., *Loranthus curviflorus* Oliv.)

~~DILOWYAHAN~~ (DELOYHUN, DILOWYENNEN, DILLOWYAN,

DILO YAHEN) (G, C, MOG, M)

~~DHILLOWYAHAN~~ (L)

(?) GADOW (L)

~~GADI~~ (GADO, KADI, CADI, GATHI) (C, G, MAC, MOG, Wo)

~~GADI~~ ~~DILOWYAHAN~~ (GADAW DILOWYEHHEN) (G)

1(11) N, CR, S. Parasite on *Acacia*, rarely *Albizia* (FTEA).

*Plicosepalus meridianus* (Danser) Wiens & Polhill

Somalia (?). Parasite generally on *Commiphora*, sometimes *Acacia* (FTEA).

*Plicosepalus nummulariifolius* (Franch.)  
Wiens & Polhill (*Tapinostemma*  
*nummulariifolium* (Franch.) Van Tiegh.)

QABDHA (KABDA, CABDA) (C, G, M)

DILOWYAHAN (DILO YAHEN) (MOG, M)

HIDIGALOL (MOG)

(3) N. Woody parasite on Rhus, Acacia;  
also Acacia & Commiphora (FTEA).

*Plicosepalus sagittifolius* (Engl.) Danser  
(*Loranthus sagittifolius* (Engl.) Sprague)

S (Cuf. 1953). Woody parasite almost  
invariably on Acacia, rarely Albizia or  
Commiphora (FTEA).

*Spragueanella rhamnifolia* (Engl.) Balle  
Boni Forest, Kenya thus expected SW Som.

*Tapinanthus amblyphyllus* (Chiov.) \_\_\_\_\_  
(*Loranthus amblyphyllus* Chiov.)

S (Cuf. 1953). Parasite on Terminalia (Cuf.  
1953).

*Tapinanthus amblyphyllus* (Chiov.) \_\_\_\_\_  
(*T. aurantiacus* (Engl.) Danser, *Loranthus*  
*auranticus* Engl. non. *A. camus*)

DILOWYAHAN (DILOYAHEN) (MOG)

FIT (MOG)

(1) S. Woody parasite on Terminalia.

*Tapinanthus kayseri* (Engl.) Danser  
(*Loranthus rhodanthus* Chiov.)

S (Cuf. 1953). Parasite on Salvadoria (Cuf.  
1953).

*Tapinanthus sansibarensis* (Engl.) Danser  
(*Loranthus volkensis* Engl.)

Hemming & Deshmukh JESS 86/219

FULAY (MOG)

(1) S (incl. Cuf. 1953). Woody parasite  
on cultivated Citrus (Cuf. 1953),  
*Phyllanthus somalensis*.

*Tapinanthus scassellatii* (Chiov.) Danser  
(*Loranthus scassellatii* Chiov., possibly  
syn. for *T. amblyphyllus*)

S (Cuf. 1953). Woody parasite.

*Tapinanthus subulatus* (Engl.) Danser

S: Gobe-Badade (K). Woody parasite.

Loranthaceae indet.

MARGIYAALE (L)

GOORCASE (L)

GADI (GADU) (C)

EXCLUDED:

*Oncocalyx sulfureus* (Engl.) Wiens & Polhill  
(*Tieghemia sulfurea* (Engl.) Balle)

DILOWYAHAN (DILO YAHEN) (G) N; ?incorrect  
det? [must give no. to K or send spec.]

*Phragmanthera* (*Tapinanthus*) *sarertaensis*  
(Hutch. & E. A. Bruce) M. Gilbert

185A VISCACEAE

*Viscum hildebrandtii* Engl.

S (Kazmi 1985). Leafless epiphytic  
parasite, mostly on Acacia.

*Viscum nervosum* \_\_\_\_\_ (*Loranthus nervosum*  
Hochst.)

DILOWYAHAN (DILO YAHEN) (G, M)

HIDIGALOL (G)

?N (Glover 1947).

*Viscum schimperii* Engl.

DILOWYAHAN (DILO YAHEN) (G, M)

N mts. Leafless epiphytic parasite on  
Acacia (Cuf. 1953), various other genera  
(EA).

*Viscum triflorum* DC. (*V. nervosum* A. Rich.)

?MUTUKONIA (G)

(1) N. Woody epiphytic parasite on various  
tree genera (Cuf. 1953, EA).

*Viscum tuberculatum* A. Rich.

DILOWYAHAN (DILO YAHEN) (G, M)

(1) N mts. Woody epiphytic parasite of  
many woody genera (Cuf. 1953, EA).

EXCLUDED:

*Arceuthobium juniperi-procerae* Chiov.

Leafless epiphytic parasite on *Juniperus*  
*procera* which is found in the N. However,  
J.B. Gillett (pers. com.) notes, "I have  
searched for *Arceuthobium* in the *Juniperus*  
forests N. of Erigavo and failed to find  
it. It may possibly occur but is not to  
be expected." He goes on to say that over  
the whole range of *Juniperus* forests, from  
Eritrea to Zimbabwe, those forest stands  
in which it has not been found seem much

more extensive than those in which it occurs (and where it is often rather common). Therefore it is probable that this parasite really is absent from the Juniperus forests of Somalia.

## 186 SANTALACEAE

*Osyridicarpos schimperianus* (A. Rich.) A. DC.  
Possibly Ni cited in Glover 1947.  
Scrambler.

*Osyris lanceolata* Hochst. & Steud. (*O. abyssinica* A. Rich., *O. wightiana* Wight)  
CASASO, ASASU, ASSASO, ASASO, ASSASSO  
(C, EA, MOG)

(9) 8 N mts, also Socotra. (?) Evergreen shrub & small tree.

*Thesium fastigiatum* A. W. Hill  
(1) 1 N mts. Rigid bushy forb.

*Thesium hararensis* A. G. Miller  
N (FE).<sup>2</sup> Woody forb.

*Thesium radicans* Rich.  
N (mts) (Cuf. 1953). Creeping perennial.

## 189a CYNOMORRHIACEAE

*Cynomorium coccineum* L.  
N (Cuf. 1959). Parasitic forb.

190 RHAMNACEAE  
FTEA 1972

*Berchemia discolor* (Kl.) Hemsl.  
(*Phyllogeiton discolor* (Kl.) Herzog)  
DHEEN, DEN, DENG (B, MOG, EA)  
RO' O (KTS)  
KOR' GUBA (KTS)  
XAMUR? (AMOR, HAMOR) (C)  
(7) 6 N, CR, S. ? Evergreen tree to 20 m.

*Helinus integrifolius* (Lam.) O. Kuntze  
HIIRAN (L)  
HIIRAN-MADOUBE (L)  
HIIRIM (L)

(6) 4 CR, N, S; also Socotra. Shrub, may scramble slightly.

*Helinus mystacinus* (Ait.) E. Mey.  
GAN-LIBAAX (GAN-LIBAH) (MOG)  
(2) 2 N mts; also S (Cuf. 1958). Woody vine, shrub.

*Lasiodiscus mildbraedii* Engl.  
Boni Forest, Kenya thus expected SW Som.  
Shrub, small tree.

*Rhamnus staddo* (A. Rich.) Chiov.  
JACJACLE (JA-JALE) (G, M)  
MEDUYE (MOG)

GADIDA (G)  
(4) 4 N mts. Armed evergreen erect (or scandent?) shrub.

*Sageretia thea* (Osbeck) M. C. Johnston (*S. spiciflora* (A. Rich.) Chiov., *Rhamnus spiciflorus* A. Rich.)

GUTAME (G)  
ILLAN (C)  
MEDUYE, MEDUYAH (EA)  
(1) 5 N mts. Armed evergreen shrub.

*Scutia myrtina* (Burm. f.) Kurz  
Boni Forest, Kenya thus expected extreme SW Som. Armed evergreen shrub, sometimes liane.

*Ziziphus hamur* Engl. (near or conspecific with *Z. leucodermis* (Bak.) O. Schultz of Arabia)  
HIMIR (KH)  
XAMUR/XAMUJUH (XAMER, HAMIRI, HAMUD, HAMUR, HAMR)  
(G, KTS, M, MOG, KH, EA, Wo, NWR, MIS)  
GOB/SUB (GUP) (MOG, EA)  
GOBYAR XAMUR (GOBYAR HAMAR) (L)  
(13) N, CR, S. Armed shrub, can form thickets.

*Ziziphus lotus* (L.) Desf.  
N (Cuf. 1958).

*Ziziphus mauritiana* Lam. (*Z. jujuba* (L.) Gaertn.)  
GOB/SUB (GOP, GUP, GOBB, GHEBB) (G, C, L, MOG, M, Ali 1986, KTS, EA, NWR, MIS)  
HAGAI (G)  
EX.

(5) N, CR; S (Ali 1986). Tree, usually armed. Widespread in the N where locally



very common in wadis. Scattered localities elsewhere, e.g. Beledweyne, Kiunga, perhaps planted.

*Ziziphus mucronata* Willd.

GOB YER/YAR (G, M, EA)

HANGEY (HAGAIYE) (EA, M)

XAMUR (XAMER, AMMER, HAMMER, HAMUR) (C, B, EA)

XAMIR (L)

CIDDI-SHABEEL (EDDI SCEBEL, EGHIO SCEBEL) (G)

HARKAI (C)

RAGHEI (C)

GABATO (HD)

(5) 1 S, CR, N. Armed shrub & tree.

*Ziziphus spina-christi* (L.) Desf. var. *spina-christi* & var. *microphylla* A. Rich. (*Z. inermis* Chiov.)

HUBIRI (B)

GUB/GOB+ (GHEB, GHEP, GHUP, GEB, GUP) (G, C, MOG, M, EA)

CRENASI (C)

(10) N, CR, S incl. Afgooye. Armed shrub or tree; var. *microphylla* may form mats. Perhaps planted, at least in CR.

#### EXCLUDED:

*Rhamnus prinoides* L'Herit. GESHO (G) N (Glover 1947).

### 193 VITACEAE

*Ampelocissus abyssinica* (A. Rich.) Planch. S (Cuf. 1958), N acc. to 1 EA coll. (misdet?). Vine.

*Ampelocissus africana* (Lour.) Merr. (A. *grantii* (Bak.) Planch.) Hemming & Deshmukh JESS 86/83 ( ) 1 S: Jubba R. Vine.

*Cayratia gracilis* (Guill. & Perr.) Suesseng. CARMO? (ARMILLEI, ARMILLOI) (C) S (Cuf. 1958). Vine.

*Cissus aphylla* Chiov. CARMO (ARMOO, ARMO) (B, MOG) BARAARI (HD) DEEQ-DARAN (EA)

\*GOB may be N dialect while GEB is S.

CHOBHI (EA)

MADHULISO, MA DULISO (B)

MARUD-OD (FE)

(7) 5 S, CR. Woody vine, less often dwarf shrub.

*Cissus aphyllantha* Gilg

(1) 0 S; ?poss. CR (cf. Cuf. 1958). Shrub, inclined to climb.

*Cissus cactiformis* Gilg

JABE, JA BI (B)

CARMO (ARMO) (C)

CARMO WARAABO (EA)

(3) 7 N, CR, S. Big succulent vine.

*Cissus cornifolia* (Bak.) Planch.

?HABLO SUBKE (ABLOSUPCHE) (G)

MAHUE (G)

S incl. just S (Chiov. 1932). Woody forb, dwarf shrub, rarely climbing.

*Cissus ellenbeckii* Gilg & Brandt

CARMODHAGAY (KH)

DHEGOWEYN (KH)

(9) 4 S, CR. Suberect subsucculent/succulent shrub forming a spreading bush or dense clumps.

*Cissus fischeri* Gilg

GANAGO (C)

SAAR (SAR) (C)

S (Cuf. 1958).

*Cissus furcifera* Chiov.

DEEG DARAN, DEG DARAN, DAG DARAN (B, EA)

CIDDI SHABEEL (CEEDI SHABELL, EDI SHABELL) (B)

(1) 5 S, CR (W Buulo Burte Dist.) (SRS).

Armed shrub, may be scandent.

*Cissus petiolata* Hook. f.

CR, S (Cuf. 1958). Climber.

*Cissus quadrangularis* L. incl. var. *pentagona* Chiov.

CAYN (KH)

YANBAC (KH)

CARMO (ARMO) (C)

FARAGOOY? (FERAGOE, FARA GOI) (G, MOG)

ARMEDIN (G)

GAAD, GAD (G)

LAMAGOOYE (GAMMAGOI, LAMMAGOIYA) (C, G)

UASSILI (C)

WANOWANO (EA)

JAMBI (MOG)

JIMBE-JIMBE (MOG)

(5) 5 CR, S; also N (Cuf. 1958). Succulent vine.

*Cissus quinquangularis* Chiov.

DO DOONLE (B)

WADIIDIG, WEYDIDUK (B)

CARMO (ARAMO) (B)

BARARIAN (M)

(2) S, Balcad. Succulent vine.

*Cissus rotundifolia* (Forsk.) Vahl

CARMO (ARMO, AMO) (MOG, EA)

CARMO-BIYOOD (ARMO BIOD) (G)

CARMAGAAL (W)

GHADD (C)

(1) 3 4 N, S (incl. Cuf. 1958). Succulent vine.

*Cissus* n. sp. 'A' = Hemming 1503, Bally 9516, Gillett 21212 (aff. *aphylla*?)

LABA-ALYOLE (MOG)

*Cissus* indet.

MUKURAAR (Ali 1986)

LABACALDOLYE (MOG)

*Cyphostemma adenocaulis* (A. Rich.) Wild & Drum. (*Cissus adenocaulis* A. Rich.)

CARMO (ARMO) (C)

ARMO-DIN (C)

BATAATA-MAYOONDA (SAR)

(1) 3 Merca (Pol. & Chiov. 1934); S (Cuf. 1958). Scarcely fleshy vine.

*Cyphostemma betiforme* (Chiov.) Vollesen (*Cissus betaeformis* Chiov.)

CARMO-BUR (ARMO-BUR) (C)

GAMBIO-CURDE (C)

ARMAGODIR (EA)

DABANE GEG (EA)

( ) 7 [loc?] Succulent shrub.

[*Cyphostemma boranense* Vollesen

50 km SSE of Neghelle in Sidamo Ethiopia (Vollesen 1984).] Woody vine.

*Cyphostemma burgeri* Vollesen

Jijiga in E Ethiopia thus possibly expected N Somalia (cf. Vollesen 1984). Trailing perennial.

*Cyphostemma crithmifolium* (Chiov.) Desc. (*Cissus crithmifolia* Chiov.)

(4) 2 N, CR. Subsucculent or succulent (low) vine.

*Cyphostemma cyphopetalum* (Fres.) Wild & Drum. (*Cissus cyphopetala* Fres., *C. macrothyrsa* Gilg)

CARMO (ARMO) (MOG, KH)

(5) 7 N, S, CR. Subsucculent vine ? or scrambler.

*Cyphostemma digitatum* (Forsk.) Desc. (*Cissus digitata* (Forsk.) Lam.)

Muq. & S (Chiov. 1932). Succulent creeping or climbing forb.

*Cyphostemma dysocarpum* (Gilg & Brandt) Desc. (*Cissus dysocarpa* Gilg & Brandt incl. var. *gymnocarpa* Chiov.)

CARMO (ARNO) (C)

(0) 1 CR; also S (Cuf. 1958). Subsucculent vine.

*Cyphostemma engleri* (Gilg) Desc. [loc?] Woody vine.

*Cyphostemma migiurtinorum* (Chiov.) \_\_\_\_\_ (*Cissus migiurtinorum* Chiov.)

N (Cuf. 1958).

*Cyphostemma phyllomicron* (Chiov.) Desc. f. *eglandulosa* (*Cissus phyllomicron* Chiov.)

CARMO (ARMO) (C)

(1) 2 CR. ?Vine.

*Cyphostemma sarcospathulata* (Chiov.) \_\_\_\_\_ (*Cissus sarcospathulata*)

N (Cuf. 1958).

*Cyphostemma serpens* (A. Rich.) Desc. (*C. orondo* (Gilg & Brandt) Desc., *C. schweinfurthii* (Planch.) Desc., *Cissus serpens* Rich.)

CARMO (ARMO) (G, Ali 1986)

CARMO GOROYO (ARMO GORAYIU, ARMO GORAYU, ARMO GORIA, ARMO-GORIE) (G, C)

MOHLELE GORIE (G)

ARMO-MALEHLE (C)

(2) 1 N; also ?poss. CR (Cuf. 1958). (Fleshy) vine.

*Cyphostemma stefaninianum* (Chiov.) Desc. (*Cissus stefaniniana* Chiov.)

CARMO (ARMO) (G)

(1)1 S. Prostrate succulent.

*Cyphostemma ternato-multifida* (Chiov.) \_\_\_\_\_  
 (Cissus ternato-multifida Chiov., C.  
 biternata Chiov.)

CR; N (Cuf. 1958). Plant erect, not  
scandent.

*Cyphostemma ternatum* (Forsk.) Desc. (Cissus  
 ternata (Forsk.) J.F.Gmel., C. somaliensis  
 Gilg)

(1)0 N; ?maybe CR/S (Cuf. 1958). Succulent  
vine.*Cyphostemma* sp.

Hemming 2161, Bally 10931, Beckett 1038

CARMO (ARMO) (MOG, KH)

(2)0 N, ?CR. Succulent vine.

*Cyphostemma* indet.ARMACMIS (MOG, EA)CARMO, GOROYO (ARMOGOROYO, ARMOGOREAY) (MOG)BUDAAL SAAQI (HD)*Rhoicissus revoilii* Planch.MUDCARRH (EA)MADKAR (EA)HIL GODOLE (EA)UPATE (EA)ARMO-SAGED (C)HYAB (C)

(1)5 N, S. Woody vine.

*Rhoicissus tridentata* (L.f.) Wild & Drummond  
 Boni Forest, Kenya thus expected SW Som.  
 Woody vine.

*Vitis vinifera* L.

EX: grape.

Cultivated N, ?CR, S.

## 194 RUTACEAE

FTEA 1982

?Citropsis sp.

Hemming SRS 520/1

S. Armed shrub.

*Citrus limon* (L.) Burm.f. var. *pusilla*  
 (Schweinf.) Schwartz

LEMIN, LOMIN (C)

EX.

Cultivated in S (Cuf. 1956).

*Fagaropsis hildebrandtii* (Engl.) Milne-Redh.  
 (F. gillettii Chiov.)

HREDIB (MOG)

(2) N. Tree.

*Haplophyllum arbusculum* Franch. (Ruta  
 arbuscula (Franch.) Cuf.)

(1) N mts. Montane endemic, very rare  
(Townsend 1986) though may be locally  
abundant (M&G). Dwarf shrub (shrub).

*Haplophyllum tuberculatum* (Forsk.) A.Juss.  
 (Ruta tuberculata Forsk.)

GOR-MORNDI (MOG)ADDAH (MOG)FOOD-CADE (FODADE) (C)

(2) N coast. Shrub.

*Teclea evodioides* Chiov.  
 S (Cuf. 1956).

*Teclea nobilis* Del.BARAN, BARHO, BARO, BURO (G)SANGARWEYNE? (SANGARWEINA) (G)

(1) N mts. Evergreen shrub &amp; small tree.

*Thamnosma hirschii* Schweinf. (Rutosma  
 hirschii (Schweinf.) C.A.Sm.)

WANIRKH (MOG)SHADAB (SHADAAP, SHADAAB, SAD AB, SHADAB)  
(M, MOG, G)(14) N incl. Garoowe area. Shrubby  
broomlike forb.*Toddaliopsis sansibarensis* (Engl.) Engl.Boni Forest, Kenya thus expected SW Som.  
Evergreen shrub & small tree.

*Vepris eugeniifolia* (Engl.) Verdoorn  
 (Aeglopsis alexandrae Chiov., Teclea  
 alexandrae (Chiov.) Senni)

GEED BUUREED (B)HADES (KTS, EA)REHDO (MOG)CANYO-GOLEED? (AGNIOGOLET, AGNOGOLET) (C, G)(3)3 CR, S. Evergreen shrub or small tree,  
aromatic.

*Vepris glomerata* (F.Hoffm.) Engl. var.  
*glomerata* & var. *glabra* Kokwaro (Teclea  
*pilosa* (Engl.) Verdoorn)

BARA GURUN, BARA GUDUN (G, SOM, EA, Z)  
 1(3)8 N mts, S. Small evergreen  
 (deciduous?) tree & shrub, aromatic.

*Zanthoxylum chalybeum* Engl. var. *chalybeum*  
 (Fagara *chalybea* (Engl.) Engl.) [ > 1  
 taxon here? ]

MICI (M)  
 MEEH GODLEH (G)

FIL-FIL (Z)  
 FIL-FIL AWLIYAAD (SAR, MOG)  
 (1)2 S; maybe CR?; also N (Cuf. 1956).  
 Armed tree.

*Zanthoxylum holtzianum* (Engl.) Waterm. ssp.  
*holtzianum* (Fagara *somalensis* Chiov.)

FILFIL-AULIET (G)  
 S (Chiov. 1932). Shrub or small tree, may  
 scramble, may be armed.

*Zanthoxylum* sp.  
 Brenan et al. 14812  
 5 km SE of Sabule airstrip in Wajir Dist.,  
 Kenya, thus perhaps expected S Som. Armed  
 shrub.

EXCLUDED:  
*Toddalia asiatica* (L.) Jun. N acc. to  
 Glover 1947.

#### 195 SIMAROUBACEAE

*Harrisonia abyssinica* Oliv. ssp. *abyssinica*  
 CIDDI (EDDUGOT) (C)

SABCIIN (EA, HD)  
 1(1)2 S incl. Afgooye; CR, S (Cuf. 1956).  
 Armed shrub, less often woody vine  
 (Maunder 102 (K) is f. *grandifolia* Engl.,  
 a liane with very large leaflets).

*Kirkia burgeri* Stannard ssp. *somalensis*  
 Stannard

XOOYO (HOYO) (EA)  
 (0)7 N. Straggly little tree.

*Kirkia tenuifolia* Engl. (Tetraspis  
*ruspoliana* Chiov.)

MULACYOOD (KH)  
 MURDHAC (KH)  
 USURI (KH)  
 WACANRI (KH)

YAYEY (KH)  
 DOFAAR GOT (DOFARGHOT, DOFARGUD, DAMFARGOD,  
 DOFAR GOT, DOOFAAR GOT) (EA, KTS, W)  
 OROOG, ORUK (C, B, EA)  
 XOOYO (HOYO) (MOG)  
 CHOWDER, CHOWDARE (EA)  
 MIRAFUR (MYRAFUR) (EA)  
 GEED GUUD (?) (GED GOT, GHED GHOD) (EA, Wo)  
 BIRDUGA (EA)  
 2(16)2 CR, S, N. Tree.

*Kirkia* sp.  
 Beckett 601  
 (1) N. Dwarf shrub.

#### 195a BALANITACEAE

*Balanites aegyptiaca* (L.) Del. incl. var.  
*pallida* Sands (B. *latifolia* (Van Tiegh.)  
 Chiov.)

QUWAAX (M)  
 GEED QUWAAX (M)  
 KULAN (KOOLAN, COLLUM, KULLUM, KOULAN, KULLUN)  
 (C, B, EA, KH, G, MAC, SAR)  
 KULAN SHILLIN (KULLAN SHILLAN) (MOG)  
 SHILLIN (SCILLING) (C)  
 GUUD (GUUD, GHOT, GOA, GOAH, GOD, GOT, GUT)  
 (G, MOG, M)

ADER (C)  
 KEDI (KIDI, KIDTHI) (C)  
 resin: XANJO-KEDI (HANJI-KIDTHI) (C)  
 4(9)1 N, CR, S. Armed evergreen shrub &  
 tree.

*Balanites glabra* Mildbr. & Schlecht.  
 KEDI (KIDI, KEDDI, KIDHI, KITHI) (G, M)  
 (7) N. Armed tree.

*Balanites pedicellaris* Mildbr. & Schlecht.  
 ssp. *pedicellaris* & ssp. *somalensis*  
 (Mildbr. & Schlecht.) Sands (B.  
*somalensis* Mildbr. & Schlecht.)  
 (3) S. Armed (bushy) tree.

*Balanites racemosa* Chiov.  
 N (Cuf. 1956).

*Balanites rotundifolia* (Van Tiegh.) Blatter  
 (B. *orbicularis* Sprague, B. *scillin*  
 Chiov., B. *gillettii* Cuf.)  
 KULAN (KULLUN, KUKAN, KULUN) (MOG, G, L, KTS,  
 M, KH, Z, Wo, EA)

*Balanites Rotundifolia*

SHILLIN (SHILAN, SHILLAN, SCILLIN, SCILLING)  
(G, L, M, MOG)

QUUD (GOAD) (C)

resin: XANJO-QUUD (HANJI-GOAD) (C)

(10) 1 N, S, CR. Armed evergreen shrub or usually small tree.

*Balanites suckertii* Chiov.

KULAN (CULLUM, KULLUN) (C), also names as for *B. aegyptiaca* (C)

S (Cuf. 1956). Armed tree.

*Balanites* indet.

BOGONDHOQ (HD)

## 196 BURSERACEAE

Vollesen 1985, FTEATS (part),  
Kuchar & Gillett 1988

*Boswellia bricchettii* (Chiov.) Chiov.

(*Commiphora bricchettii* Chiov.) [not a form of *B. microphylla*]

(2) N. Shrub or bushy tree.

*Boswellia frereana* Birdwood

YAGCAR (or JAGCAR) (YAGAR, IEGAR, YEGAAR, YEGAR, YE HAR, GE HAR, GEGAR, GEKAR) (M, C)

MOXOR (MOHOR) (EA)

MOXOR-CAD (MOHOR-AD) (M, C)

Gum-resin:

MAYDDI (MAIDI, MEYDI, MEYTI, MEITHI) (M, C, MOG, Thulin & Warfa 1987)

XANJO-BEEYO (HANJI-BEYO) (C)

LUUBAAN (LUBAN, UBAN) (C)

LUUBAAN-MAYDDI (LOBAN-MAIDI, LOUBAN-MAITEE, LUBAN-MAITEE, LUBAN-MATI, LUBAN-MATTI, LUBAN-MEITI, LUBAN-MEYTI) (C)

(10) N. Endemic. Tree.

*Boswellia microphylla* Chiov. (?incl. *B. bricchettii* (Chiov.) Chiov.)

MUGLE/MUGLO (MUQLAY, MUKULAY, MOKOLAY, MUGLE, MOGLA, MOGOLE, MOGULI) (KH, KTS, MOG, C, Wo, L)

MERAFUR/MIRAFUR (L)

BAY-BAY (BEI-BEI, BEBEH) (C, KTS)

JAWDHEER (CHOUWADERE) (EA)

GEED FOGR? (GED FOGR) (G) [not *B. bricchettii* as stated in G]

(20) 17 CR, S; also N (Cuf. 1956). Tree, sometimes an emergent.

*Boswellia neglecta* S. Moore (B.

*hildebrandtii* Engl., *B. multifoliolata* Engl.)

MOXOR (M)

MOXOR-CAD (MOHR ADD) (G)

BAY-BAY (BII BII, BE BEI, BA BEEY, BIRBI, BYE-BYE) (B, MOG, EA)

JAGCAR (GEKAR) (G)

GURRE [a form of GUNRE] (C)

MURJAAN (MURGIAN) (C, MOG)

MUGLO (MOGULO, MUGOLOH, MURLO) (EA, G)

MUGLO-JAREER/MUGLO-JEREER (KH)

MIRAFUR/MERAFUR (MARAFUR, MURAFUR, MAGAFUR) (KH, KTS)

MIRAFUR-MADOBE (MURAFUR-MADOBE) (KTS)

(9) 7 CR, N; S (HTS 1983). Shrubby tree with broad deep crown.

*Boswellia ogadensis* Vollesen

Shabeelle R. just N of Som. border thus expected CR. (Vollesen 1985, p.39?)

*Boswellia rivae* Engl. (*B. boranensis* Engl.)

BEEYO (BEH-YAB) (EA)

BEEYO-CAD (BEIYO-CAD) (MOG)

MIRAFUR/MERAFUR (MERAHUR, MYRAFUR, MEDHAFUR, MATHAFUR) (G, C, CAS, Wo)

MERAFUR-CAD (MURAFUR-AD) (EA, KTS)

MUGLE (MUGOLOH) (EA)

MUGLO-JAREER (KH)

MUURJEN (EA)

LUUNSI (ONSIGONZI) (C, CAS)

1(10) 15 N, CR, S. Shrub or sprawly tree.

*Boswellia sacra* Flueckiger (*B. bhau-dajiana* Birdwood, *B. carteri* Birdwood)

MOXOR (MOHOR, MOGON) (MOG, C, M) [not the resin as suggested in C(?)]

MOXOR-MADOW (MOHR-MEDDHU, MOHR-MEDDU, MOHOR-MEDU, MOHR-MADOW, MOHR-MEDDAU, MOHR-MEDDUC, MOHOR MADOW) (M, C, MOG)

MOXOR-LAB (MOHOR-LUB) (M, C, MOG)

MOXOR-CAD (MOHOR ADD, MOHR-ADD) (MOG, C)

MOXOR-LO' (MOGOR LO') (MOG)

MADOW (MEDAU, MEDI) (C)

BEEYO (BEIO, BEJO) (C, CAS)

LUFOD (MOG)

Gum-resin:

BEEYO (BEYO, BEIO) (Thulin & Warfa 1987)

XANJO-BEEYO/XAAJO-BEEYO (HAAJI-BEYO) (C)

LUUBAAN-BEDOWI (LUBAN-BEDONI, LUBAN-BEDOWI, LUBAN-BEDOWI) (C)

SHEHERI (C)

LUBAAN-SHEHERI (LABAN-SHEHERI, LUBAN-SCEERI) (C)

(7) N; also S Arabia. Small tree.

*Commiphora africana* (A. Rich.) Engl. var. *africana* (C. benadirensis Mattei, C. pilosa Engl.)

?DHIDDIN/DHEDDIN/DHADIN (DIDIN) (G, M)

DABACUNCUN (DABBA' UN' UN, DABA UN-UN) (KTS, EA)

?WONGASS (EA)

DABAR-CAD? (DABAR AD) (EA)

?WARAABE-REEB (WARABREB, WARABA REEB, WARABARED, WARA-WAREB) (EA, B)

CANAMACAYS (ANA-MA-ESS, ANA-ANA-ESS, ANAMEESS) (G, C)

QUWAAX, GEED QUWAAX (GHET GUA) (G)

DISIN-KAKABI? (DISINGABE) (G, C)

?XAGAR (AGAG) (C)

XAGAR-CAD (AGAR-AT) (C)

XAGAR-MADOW (HAGAR MEDU) (EA)

ORLDO? (C)

YAAQ (HD)

1(6)16 CR, S; N, S (Cuf. 1956). Armed shrub & small tree.

*Commiphora agar* Chiov.

+Major groups:

1. Armed, lvs simple or subtrifoliolate; secs. Rostratae, *Commiphora*, *Coriaceae*; species in Som: *rostrata*,

2. Armed, lvs trifoliolate; secs. *Campestres*, *Africanae*; species:

3. Unarmed, fr not 4-lined; secs. *Latifoliolatae*, *Aristolopsidium*, *Hildebrandtiana*, *Hemprichia*, *Ciliatae*; species:

4. Unarmed, rarely armed, fr 4-lined; sec. *Opobalsameae*; species: *albiflora*, *ancistrophora*, *boranensis*, 'brachycarpa', 'capillaris', *cassan*, 'chiovendana', *enneaphylla*, *gileadensis*, *gillettii*, 'gloveri', *horrida*, 'kucharii', 'lobato-spathulata', *microcarpa*, 'multifoliolata', 'murray-watsonii', aff. *parviflora*, 'parvifructa', 'quercifoliola', *setulifera*, 'spinulosa', 'sulcato-striata', *velutina*

XAGAR (AGAR) (G)

S (Cuf. 1956). Known only from the type, W of Baydhowa (Baidoa), 3° 09' N 43° 09' E. Unarmed.

*Commiphora alata* Chiov. A poorly-known species

XAGAR-MADOW (AGAR-MEDU) (C)

(1)2 S. Unarmed shrub.

*Commiphora alaticaulis* Gillett & Vollesen  
DIBYAXAAS (KH)

DABAYAXAAS (KH)

MARON SANEH? (V)

(6)1 CR, S. Slender scrambling shrub or shrubby tree.

*Commiphora albiflora* Engl. (*C. anfractuosa* Chiov.)

DHUDHUS (KH)

?SUBCANE? (G)

(12) CR; S (Cuf. 1956); ?N (Gillett ms. 1986). Large shrub or usually small tree.

*Commiphora allophylla* Sprague

XAGAR-MADOW (HAGAR-MADOW) (G, M)

resin: HABAG-XAGAR (HABBAK-HAGAR) (C)

N (Cuf. 1956). Unarmed shrub or small tree.

*Commiphora ancistrophora* Chiov.

DHUDHUS/DHUSUNDHUS+ (DHUN-DHUS, DHUUNDAS, DOONDUS, DHUSUNDHUS, DUS-DUS, DUNDAS) (M, MOG, L, C, W, MIS)

GARON (GARON) (C)

GARON-DHUDHUS (GORON DUNDAS) (MOG)

CALIBOY (ALIOI EH, ALIBOY, ALIOI-EH-ALIBOY) (M, C, MOG)

DHUNKAAL (M)

SAGAARASOL (KH)

GEED SUBAGLE (M)

XABAG-DHUDHUS (HABBAK-DUNDAS) (C)

3(22) CR; N, S (Cuf. 1956). Unarmed shrub or small tree.

*Commiphora boiviniana* Engl. (*C. edulis* (Kl.)

Engl. ssp. *boiviniana* (Engl.) Gillett; prob. incl. *C. savoiiae* Chiov.)

DAB-BIRIQ (DABIRIQ, DAB BEREK, BABBEREK, DAB

BIRIK, DABBRICH, DABBIREK, DABBIRIC,

+ 'Dhudhus' seems prevalent in the Hawd and Ogaden, while south of Gaalkacyo the name is 'dhuusundhuus'.

DABBIRICH, DABBIRICK, DABBRIC, DIBIRREK,  
DEBIRAK, TABIRIK, DABIRRIK, DABIRIG, DEMBERO)  
(M, MOG, G, C, EA, B, SAR)

GEED-XABAAL EED/GEED-HAWAAL EED (M)

BORAH (B, MOG)

ITIN (C, M)

DHUNKAAL-ITIN (DUNCAL ITIN) (G)

XILTIR (HILTIR) (EA)

KANA (KTS)

DHUNKAAL (DUNCAL) (M, C, KH)

1(7)6 S, CR. Softly woody unarmed shrub or tree.

*Commiphora boranensis* Vollesen (C.  
gileadensis sensu KTS non (L.) C. Chr.)

XILTIR (HELTIER, HILTIR) (MOG, EA, Wo)

KULUL (GULUL) (EA)

DENKEL?/DENGEL? (EA)

DHUDHUS (KH)

ILKA-CADEEY (ILK'ADESS) (EA)

?XAGAR (HAGAR) (EA)

GOOB HAREEG (GOBA HERIG) (EA, B)

(4)9 S; almost to CR (War Sheikh). Unarmed shrub & tree.

*Commiphora 'brachycarpa'* n.sp. ined.  
Gillett & Hemming 24349, Hayslip SRS 126/1  
S: 3°50'N 43°01-05'E. Unarmed shrub.

*Commiphora bruceae* Chiov.

QUMAAX (GOAH) (G, M)

GEED QUMAAX (M)

ILKA-CADEEY/ILKA-CADDAYS (ILKACADEEYE, ILKA

ADEIS, ILKA ADEYE) (M, G, MOG)

CAANAMACAYS/CAANAMACEEYA (KH)

XODAY (HODAI, HODEI) (EA)

CADEEY (ADAYEI) (K?)

(14)2 CR; N (Cuf. 1956), S (Gillett ms. 1986). Armed shrub rarely shrubby tree.

*Commiphora campestris* Engl. ssp. *glabrata* .  
(Engl.) Gillett ined. (C. *glabrata* Engl.)

KURU, KURA (EA)

?GUNRE (GUNR) (EA) [probably misdet.]

?JINAW/JINOW (JENAU, J'NAU) (KTS) [probably misdet.]

(0)3 S (incl. Gillett ms. 1986). Armed (small) tree.

*Commiphora campestris* Engl. vel.sp.aff.  
Kuchar 16650, 17426, 17430, 17435, Gillett et al. 24629, 24933, Thulin & Warfa 5285

QURAR (KH)

QURAR CAD (KH)

(9) CR, S. Armed shrubby tree.

*Commiphora 'capillaris'* n.sp. ined.  
CR. Only 1 col., Gillett et al. 22391,  
5°50'N 47°38'E. Unarmed.

*Commiphora cassan* Chiov. (?C. *microcarpa* Chiov.)

KASAN? (CASSAN) (C)

LUUGTOOLE (?LUG-TOLE) (EA) [where from?]

S: 3°50'N 43°-43°40'E. Unarmed shrub.

*Commiphora cassan* Chiov. or related undescribed species  
Gillett et al. 23284, 24632, Herlocker S353,  
Kuchar 16570, 17276

FULLAY (KH)

LUUGTOOL (KH)

SAGAAROSAL (KH)

1(8)3 CR; S (Cuf. 1956). Unarmed shrub or usually small tree.

*Commiphora 'chaetocarpa'* Gillett ined.  
Gillett et al. 21943, 22325, Wieland 4613  
(1)2 CR, S. Armed dwarf shrub/shrub, also (in Kenya) a small tree.

*Commiphora 'chiovendana'* Gillett ined. (C. *parvifolia* sensu Chiov. non (Balf.f.) Engl.; true *parvifolia* is known only from Socotra)

Gillett et al. , Thulin & Warfa 4641,  
Kuchar

DOOFAAR-QOD (DON FARRGOT) (G, M)

GINO-SAGAARO? (GINO SAGAR) (G)

GABRAR (GOBRAN) (G, L)

GARON (GORON, GORON, GARON) (Wo, MOG)

ERHAKTOW (Wo)

2(36)26 CR, N, S. Unarmed tree, rarely shrubby.

*Commiphora ciliata* Vollesen  
HABLO SUBKE (HABLA SUBKE, HABLA SUBBA) (KH, EA)

AYNAAD (KH)

DHULISO MADDOBE (KH)

GARON (KH)

(11)4 S, CR. Unarmed spreading shrub or tree.

*Commiphora confusa* Vollesen  
Distribution includes E Kenya (Vollesen 1985) & Ogaden (Gillett ms. 1986), thus expected S Som. Armed (unarmed) tree.

- Commiphora cornii* Chiov. (recommended placed with *C. cyclophylla* Chiov.)  
OGIR (G, C) (prob. incl. OJIR (B))  
SUBAGLE (SUBACLE) (G)  
 S: type loc. near Hoddur. Unarmed tree.
- Commiphora corrugata* Gillett & Vollesen  
GENDID (GENDED, GANDAD) (EA, V, Wo)  
BEEYO (BAYO) (V)  
BEEYO-CAD (BEIO AD) (V)  
 (2) 5 CR, S. Unarmed shrub & small tree.
- Commiphora cyclophylla* Chiov. (prob. *C. cornii* Chiov.; poss. *C. campestris* sensu Chiov. 1916, 1932 non Engl.)  
GURAAR?/GORAL? (GURAL) (G)  
GURAAR (KH)  
ILKA-CADDE (KH)  
 (1) 1 CR; S (Cuf. 1956). Small unarmed tree or a semi-prostrate shrub.
- Commiphora* sp. aff. *cyclophylla* Chiov.
- HABLO SUBKE (KH)  
LIBOW (LIBU) (C)  
MEISIMBAC? (C)  
CALIBOY (ALIBOYE) (EA)  
GURAAR?/GORAL? (URA, URAA) (EA)  
 (3) 6 CR, prob. S. Unarmed shrub or sprawly tree.
- Commiphora drakebrockmanii* Sprague  
DHUNKAAL (DUNKAL) (G, M)  
BACARDOOR (BA-AROR, BAROR) (K, EA)  
 resin: XABAG-DHUNKAAL (HABBAK-DUNKAL) (C)  
 (0) 2 N (incl. Cuf. 1956). Small unarmed shrub.
- Commiphora ellenbeckii* Engl.  
DIRINDHIR (DERINDER, DERENDER, DERINDI) (KH, M, G, L, W, MOG)  
DHIINTAAR (KH)  
XAGAR (HAGAR, AGAR) (M, G, CAS)  
CAANAMACAYS (KH)  
WARABE-REEB (WARABREB, UARABA REB) (KTS, G)  
GOWLALLO/GAWLALLO (GOWLELLO, GOLELU) (MOG)  
TIBBUK/TUBUK (MOG)  
SURUT (MOG)  
IYEEN (MOG)  
HOBLE (Wo)  
RAXAN-REEB (KH)  
 (MALMAL (MELMEL) (M, G, KTS) Wrong det: actually refers to *C. myrrha*)
- LDHIDDIN/DHEDDIN (DIDDIN) (KTS) Wrong det: actually refers to *C. myrrha*  
 3(31) 17 CR, S, N. Armed shrub & small tree.
- Commiphora ellisiae* Vollesen (?*C. sphaerophylla* Chiov.)  
XAGAR (HAGAR) (KH, EA)  
XAGAR-MADDOU (HAGAR MEDOU) (EA)  
XAGAR-CAD (HAGAR AD) (EA)  
 (17) 11 CR, S, N. Unarmed tree.
- Commiphora enneaphylla* Chiov.  
DHUNKAAL (DUNCAL) (G, M)  
GARON-WEYN (GARON UEN) (G)  
 (4) 1 CR, S. Spreading dwarf shrub or shrub.
- Commiphora enneaphylla* Chiov. forma vel sp. aff.  
 Wieland 4287, 4538, Mohamoud & Wieland 4748  
SAGAAROSAL (W)  
 (0) CR: 15 km S of Xingod, also Budbud & Wisil, 5-6° N 48-48° 40' E. Unarmed dwarf shrub, dwarf tree.
- Commiphora erlangeriana* Engl. (non sensu Chiov. 1932; *C. retifolia* Chiov.)  
BACARDOOR (BA-ARORH, BAR-ARORH, BA-AROR, BA-ERON, BARARORTH, PAROR, PARHOR) (MOG, G, B, C)  
BACARDOOR-GRUE? (BAROR-GRUE) (C)  
GOBOROSC? (G)  
DHUNKAAL (DUNCAL, LONCAL) (M, G, C, B)  
HITHI (Wo)  
 (10) 7 N, S, CR. Unarmed tree or shrub.
- Commiphora erosa* Vollesen s. str.  
BACARDOOR (BA-AROR, BA-ARORH) (EA)  
DHUNKAAL (DUNCAL) (EA)  
DHUNKAAL-MADDOU (DUNKAL MEDOU) (EA)  
AYNAAD (ENAD, EYNAT, ENAT) (EA)  
 ?GARON (KH)  
GURAAR MADDOU (KH)  
JAWLE (KH)  
 (11) 10 CR, S (not N as sensu Vollesen 1985). Unarmed shrub or small tree.
- Commiphora erythraea* (Ehrenb.) Engl. var. *glabrescens* Engl. (not true *C. erythraea* which apparently does not occur in Som.)  
XAGAR (HAGAR, HAGGAR, HARR) (M, EA, MOG, C, Wo)  
XAGAR-CAD (XAGARCADE, HAGAR AD, HAGAR ADE, HAGGR-AF) (M, G, EA, KTS)  
XAGAR-JERER? (HAGAR JERER, HAGGAR-JERERE) (EA)  
HADI (HADDI) (C)  
DHUDHUS (KH)



YEYE (KH)

?XAGARSU (AGARSU) (EA)

Resin: XABAG-HADI (HABAGHADDI, HABBAK-HADDI) (C)

S: only the type from Kismayo. Unarmed shrub.

*Commiphora flabellulifera* Chiov. (tax. identity uncertain)

XODAY (HODAI, HODE, ODAI) (M, G, C)

XAGAR (AGAR, AGARG, HAGARG) (C)

XAGAR-MADOW (AGAR-MEDU) (C)

HADI (M)

S (Cuf. 1956), CR (Chiov. 1932).

*Commiphora foliacea* Sprague

BALALOL/BALOLDL? (BALALO) (MOG, EA)

XAGAR (HAGAR) (EA)

XAGAR-CAD (HAGAR AD) (EA)

XAGAR-GARON (HAGAR KARON) (EA)

GAGOPI [GAYGAB?] (EA)

(20)22 N, CR. Unarmed big shrub or (sprawly) tree.

*Commiphora 'gardoensis'* n.sp. ined.

Gillett 22959, 23528, Beckett 1081, Thulin & Warfa 5473

N (Gillett ms. 1986), 9-10° N 49-50° E.

Unarmed shrub & small tree.

*Commiphora gileadensis* (L.) C. Chr. (C.

opobalsamum (L.) Engl.)

CALIBOY (ALIBOYE, ALIOE) (G, M)

DHASAYN (DASEINO, DASENO, DOSSEMO, DUSEINO)

(MOG, G, C, M)

ILKA-CADEEY (ILK' ALESS) (KH, KTS)

BACARODR-MADOW (BA AROR MEDU) (G)

URUK? (URUCK) (G)

GARON (GORON) (C)

GARON-MADOW (GORON-MEDU, GARRON MEDU) (C, EA)

SAGARSUL (SAGARSUL) (EA)

GOOB HAREEB (GOBA' HERIG) (KTS, B)

DENKEL? (DAKELLAH, DENHELLEH) (KTS)

KABRARRO [GABRAR?] (KABRORH) (EA)

Resin: XABAG-DHASAYN (HABBAK-DASCINO) (C)

(29)18 CR, N, S. Unarmed or pseudospinose small tree.

*Commiphora gileadensis* var. 'pubescens'

(Stocks) Gillett comb. nov. ined.

(*Balsamodendron pubescens* Stocks,

*Commiphora stocksiana* (Engl.) Engl., C.

opobalsamum (L.) Engl. var. *induta*

Sprague)

N. Unarmed small tree.

*Commiphora gillettii* Chiov.

GARON-MADOW (GORON MEDU) (MOG)

(4)3 N. Unarmed shrub.

*Commiphora* n.sp. aff. *glandulosa* in FE

AFGUB (KH)

(13) CR, S. Armed shrub or shrublike tree.

*Commiphora 'gloveri'* n.sp. ined.

Drake Brockman 767, Glover & Gilliland 925,

Gillett 22911

HAMHAMMA (Drake Brockman)

N (Gillett ms. 1986). Unarmed shrub.

*Commiphora gorinii* Chiov.

?KUKEY (SAR)

S (Cuf. 1956); type loc. Afmadow (Afmadu) in

Transjuba, c° 35' N 42° 10' E. Unarmed.

*Commiphora gowlello* Sprague (C.

atramentaria Chiov.)

GOWLALLO/SOWLALLO (GOWLELO, GAULELLO, GOWLELLO,

GOLILU, GAWLELOU, GOULELU, GAULALLO, GOWLALO)

(MOG, G, EA, C, W, M)

AFBUQ (KH)

JANDHEER (KH)

QUWAAX (GOAL, GOAR) (MOG)

QUWAAX-TIBBUK (GOAL-TIBBUK, GOAH-TUBUK, GOAH-

TIBBUK) (MOG, G, C)

TIBBUK/TUBUK (MOG)

GARGEY (KH)

WARABE-REEB (WARABREB) (EA)

XUUBLEY (KH)

Resin: XABAG-GOWLALLO (HABBAK-GOWLELO) (C)

(38)14 CR, N; S (Cuf. 1956). Armed shrub & tree.

*Commiphora 'gracilispina'* Gillett ined.

Gillett 13356, Kuchar 16229, 16291, 17091

DIRINDHIR (W)

DIRINDHIR XAWS (KH)

RAXANREEB (KH)

MALA WAXAROD (MALO WA HAROD, WA HARO MALOD)

(Drake Brockman)

1(9) CR; N, S (Gillett ms. 1986). Armed shrub & small tree.

*Commiphora guidottii* Chiov. (C. *sessiliflora* Vollesen)

HADI (ADDI, HADDI, HEDI, HETHI) (G, EA, KH, W, (C))

FULNOFUL? (EA)

DHUNKAAL (DUNKAL, DUNKAAL) (V)

- GARAO (V)  
XABAG (HABAC, HAGAG, HAGARG) (G)  
 Resin: XABAG-HADI [or XABAG-CAD?] (ABBAC-ADDI, HABBAC-ADDI) (C)  
 (3) 13 CR, N, S. Unarmed shrub or small tree.  
 Commiphora gurreh Engl. (C. trothai sensu Chiov. 1932 non Engl.)  
GUNRE/GURRE (GUNREY, GUNRAY, GUNR, GUNROH, GUNRI, GUMRAY, GUNREC, GUNREH, GUREY, GURHE, GURREH, GURU) (KH, MOG, G, C, W, Wo, EA)  
GUNRE-MADOW (KH)  
 ?DHIUSUNDHIUS (GUSUNGUS) (MOG)  
 Resin: XABAG-GUNRE (HABBAK-GUNRI) (C)  
 4(40) 1 CR, N, S. Armed shrub or tree.  
 Commiphora habessinica (O. Berg) Engl. ssp. habessinica (C. 'abyssinica' per errore, auct. mult., C. dancaliensis Chiov., C. assaortensis Chiov., C. madagascariensis sensu Wild non Jacq.)  
GOWLALLO/GAWLALLO (GAWLELLO, GAULELO, GAWLALO, GOWLELO) (G, M)  
 ?DHIDDIN/DHEDDIN (DIDIN) (MOG)  
WEDU (MOG)  
WARAABE-REEB (WARABREB) (KTS)  
 (2) 2 N, S. Armed tree.  
 Commiphora hildebrandtii (Engl.) Engl. (Balsamea hildebrandtii Engl.)  
XAGAR (KH)  
XAGAR-MADOW (HAGGR-MEDAN, HAGR MODDU, HAGAR-MADOW, HAGAR-MEDU, HAGAR MEDO) (M, KTS, G, C, EA)  
FADNADANOLE (KH)  
BUNSUR (KH)  
GENDIGENT? (EA)  
XAGAR-SOWAR? (HAGAR SOWAR, AGARSU) (EA)  
 [XAGAR-CAD (HAGRADD) (M, G) Belongs to C. somalensis]  
 Resin: XABAG-XAGAR (HABBAK-HAJAR) (C)  
 (4) 4 N, CR, S. Unarmed (shrubby) tree.  
 Commiphora hodai Sprague  
XODAY (HODDAI, HODEI, HODAI, HODEH, ODAI?) (M, KH, G, C, EA)  
XUDI (HODI) (KH)  
 Resin: XABAG-XODAY (HABBAK-HODAI) (C)  
 (14) 10 CR, N; S (Gillett ms. 1986). Lightly armed tree.  
 Commiphora holtziana Engl. ssp. 'microphylla' Gillett. ined.  
 CR, S. Unarmed.
- Commiphora horrida Chiov.  
GABRAR (GABRA, GOBRAN, GARON) (KH, EA, G)  
KABRARRO (KABRARO) (MOG)  
GUWAAX (GOWUEH) (EA)  
GARON (MOG)  
 (11) 14 CR, S. Armed dwarf shrub/shrub.  
 Commiphora sp. aff. horrida Chiov.  
 Wieland 4395 (sterile)  
 (0) CR: N of Hobyo, 6° 19' N 48° 43' E. Armed dwarf tree.  
 Commiphora sp. aff. C. horrida Chiov. = Gillett et al. 22345, 22394, Kuchar 16474, Wieland 4280, 4696 (C. horrida Chiov. var. 'unifoliolata' Gillett ined.)  
GUWAAX (GOWAX) (W)  
DILILIQO (L)  
 (3) CR. Armed prostrate mat-forming dwarf shrub.  
 Commiphora incisa Chiov. (C. candidula Sprague)  
RAXAN-REEB (REXAN-REEB, RAHANREB, RAHANRUB, RAXAN-REB) (M, KH, MOG, L)  
DILINDIQO (W)  
NAXAN-REEB (KH)  
WARAABE (KH)  
WARAABE-REEB (KH)  
GUWAAX (GO-AH, GO' AH, GOAH) (M, G, C)  
SEED GUWAAX (M)  
XODAY (KH)  
KAREN KARBO (EA, Wo)  
GOWLALLO (GHEOLELLO) (C)  
 ?DHIINTAAR (KH)  
 Resin:  
XABAG-RAXANREEB (HABBAK-RAHANREB) (C)  
DHAMMAJO (DAMACHO, DAMAITCHO) (C, CAS, MOG)  
 2(20) 27 CR, N, S. Armed shrub or shrubby tree.  
 Commiphora julifera Chiov. (tax. identity uncertain)  
DOOFAAR GOD/DONFAAR-GOD (DONFAT GOT, DONFAR-GOT) (G, C)  
 CR: Beledweyne (Chiov. 1932). Unarmed.  
 Commiphora kataf (Forsk.) Engl. (C. holtziana Engl.)  
XAGAR (HAGAR) (L, KH, MOG)  
XAGAR-MADOW (HAGAR MEDOU) (EA)  
DHUDHUS (KH)  
 (26) CR, S. Unarmed tree.

*Commiphora kataf* ssp. *kataf* (C. *gallaensis* (Engl.) Engl., C. *lughensis* sensu Hutch. & Bruce non Chiov.)

XAGAR-CAR (HAGAR AD) ( )

N. Unarmed tree.

*Commiphora kataf* ssp. '*turkanaensis*' Gillett ined.

Gillett et al. 22275, Kuchar 17179

XAGAR-JAREER (KH)

(1) CR: Unarmed tree.

*Commiphora kua* (J.F. Royle) Vollesen (C. *crenulata* (A. Terracc.) Chiov., C. *flaviflora* Engl.)

RAXAN-REEB (RAHANREB) (MOG, M)

BEEYO (KH)

XAGAR (KH)

HOBLE (Wo)

GOWLALLO (GHEOLELLO, GOWLELLO, GOLILA) (M, G, KTS)

WARAABE-REEB (WARAB-REB) (KTS)

WAXAR-WALIS (WAHARA WALLIS) (MOG)

MALA WAXAROD? (MALA WA HORED, MALA-WA-HAROD, WA-HARD-MALOD) (G, C)

XABUBOLE (prob. incl. HOWABLOHO) (KH, G)

GADON? (GHADON) (MOG)

DALAT (G)

XODAY (HODHE, XODEY) (KTS, CAS)

DHIRINDHIR (W)

MIDGOOLI (W)

DILILIQ (W)

DHAMMAJI (KH)

Resin: XABAG-MALAWAXAROD (HABBAK-MALO-WA-HAROD) (C)

(23) 16 CR, Armed gnarled shrub or small (shrubby) tree.

*Commiphora* cf. *kua* (J.F. Royle) Vollesen

Kuchar 17189, 17193, 17234, 17240

(4) CR: Buulo Burte & Jalalaksi Dist.

Armed tree, near C. *kua* & C. *ellenbeckii* but bark strikingly shaggy with papery peels.

*Commiphora* '*kucharii*' n. sp. ined.

Kuchar 16880, 17087, 17090, 17120, 17128

(5) CR: Buulo Burte Dist., 3° 40' - 4° 20' N

45° 10' - 45° 20' E. Unarmed small tree.

*Commiphora lindensis* Engl. (C. *abyssinica* var. *simplicifolia* sensu Chiov.)

(1) 3 S; CR, S (Gillett ms. 1986). Armed shrub or tree.

*Commiphora* '*lobato-spathulata*' Gillett ined. Gillett et al. 22377, Gillett & Beckett 23259, 23284

DILILIQ/DILILIQO (KH)

(9) 4 CR. Armed dwarf shrub.

*Commiphora longipedicellata* Vollesen (C. *engleri* sensu KTS non Guill.)

XILTIR (HELTA, HINTIR) (KH, EA)

BACAROOR (BA-ARORH) (KH, MOG)

resin: DHUNKAAL (DUNCAL) (KH, C, MOG)

(6) 4 S, CR. Unarmed shrub or tree.

*Commiphora lughensis* Chiov.

XAGAR (AGAR, AGR) (G, C, L)

XAGAR-CAD (M, G)

LALAGAR [XAGAR?] (LOLAGER) (G, C)

GORAL/GARAL? (GURAL, GORAL) (EA, Wo)

KUKA (EA)

ELEUCADIDE (G)

(5) 6 CR, S; also N (Cuf. 1956). Spreading or sprawling tree.

*Commiphora* '*macrophylla*' Gillett ined. (C. '*gypsophila*')

Peck 22, Glover & Gilliland 1007, Hemming 2015, 2186, etc.

(0) 10 N. Small unarmed tree or shrub.

*Commiphora microcarpa* Chiov.

DALMAK? (DALMAC, DALMACH) (G, C)

XAGAR? (OGGI) (G)

AYNAAD (KH)

(2) CR, S. Unarmed small tree. A badly understood species.

*Commiphora* '*multifoliolata*' Gillett ined. Wieland 1747, 1787

(1) SW of Lugh at c3° 45' N 42° 30' E. Unarmed shrub or dwarf tree. Perhaps a form of C. '*chiovendana*'.

*Commiphora* '*murray-watsonii*' Gillett ined. Gillett et al. 22185

(1) CR: Mudug Region, on coastal hills.

Unarmed sub-prostrate shrub.

*Commiphora myrrha* (Nees) Engl. (incl. C. *coriacea* Engl., C. *cuspidata* Chiov., C. *molmol* Engl., C. *playfairii* (Hook. f.) Engl. var. *benadirensis* Chiov., C. *rivae* Engl.)

DHIDDIN/DHEDDIN (DIDDIN, DIDIN, DITHIN, DIDTHIN, DEDIN, DHEDIN) (M, G, C, KTS, MOG)

GOWLALLO (GOLELU) (M, G)  
 ?XAGAR (HAGGAR) (M, KTS)  
 XODAY (HOTAI, HODEI, ODEI, OTAI) (M, G, C)  
 SURUT (G)  
 MIRA (MIRRA) (G)  
 ILKA-CADEEY (ILKA' ADEYE) (EA)  
 Resin:  
 MALMAL/MOLMOL (MALMOL, MELMEL) (KH, G, M, C,  
 Wo, MOG; KTS [not *C. ellenbeckii*])  
 YOBUN-MALMAL (GUBAN-MALMAL) (C)  
 OGO-MALMAL (C)  
 (26) 24 CR, N, S (incl. Cuf. 1956). Armed  
 shrub & bushy tree.

*Commiphora obovata* Chiov.  
 SHAN MALEES (SHAN MAL AIS, SHAN MALEISS) (G)  
 (20) CR, N. Armed shrub or small tree.

*Commiphora oddurensis* Chiov.  
 XODAY (KH1)  
 REYMOL/RIMOLE (KH)  
 DUFENUJ (EA)  
 AFGUB (ANGUP) (EA)  
 TIBBUK (TOBOK, TOBOC) (G, C)  
 (19) 20 CR, S. Armed dwarf shrub, shrub or  
 usually small tree.

*Commiphora n.sp. aff. C. glandulosa* in FE  
 ts.  
 Gillett & Hemming 24309, 24342A, Kuchar  
 16345, prob. 16786, 16738, Gillett et al.  
 22654)  
 AFGUB (ANGUB) (KH, W, MOG)  
 (13) CR, S. Armed shrub, sometimes little  
 tree.

*Commiphora ogadensis* Chiov. (*C. tephrodes*  
 Chiov.)  
 ?XAGAR (W)  
 XAGAR-MADOW (HAGAR MEDU) (G)  
 (3) CR; N (Cuf. 1956); S (Gillett ms.  
 1986). Unarmed (small) tree.

*Commiphora palmatifoliolata* Chiov.  
 AFGUB (EA, Wo)  
 DABACUUCUN (DABA' UN' UN) (EA, Wo)  
 (0) 5 S (incl. Cuf. 1956). Armed shrubby  
 tree.

*Commiphora paolii* sensu Chiov. non KTS  
 (tax. identity uncertain)  
 ?CAANAMACAYS (AINO MA-AIS, ANAMAESS) (M, G, C)  
 XUDI (HUNDI, UNDI) (G, C)  
 URUK? (URUC) (G, C)

Fruit: BACARDOOR (BAHAROR) (C)  
 S (Cuf. 1956); CR (Chiov. 1932). Type from  
 Torda N of Kismayo, 0° 05' S 42° 45' E. Armed  
 (?or unarmed).

*Commiphora n.sp. aff. parviflora* (Balf. f.)  
 Engl.  
 Bally & Melville 15461, Beckett 441, 611,  
 McKinnon S/178, Gillett 22901  
 N. Unarmed shrub.

*Commiphora 'parvifructa'* Gillett ined.  
 Kuchar 17209, 17114, 17117  
 LUUGTOOLE JAREER (KH)  
 (4) CR near boundary with S, at 3° 30' - 4° N  
 44° 45' - 46° E. Unarmed shrubby tree.

*Commiphora 'petiolulata'* ?n.sp.  
 Kuchar 16934, 17285  
 BACARDOOR (KH)  
 (2) CR: Hiiraan to Hobyoo. Unarmed shrub &  
 small tree.

*Commiphora playfairii* (Oliv.) Engl.  
 (*Balsamodendron playfairii* Oliv.)  
 (1) 1 N. Armed shrub & dwarf tree. [check  
 also under myrrha]

*Commiphora 'pseudopaolii'* Gillett ined. (*C.*  
*paolii* sensu KTS)  
 Gillett et al. 22059, Herlocker S269  
 ROSI? (EA)  
 XAGAR (HAGAR) (EA)  
 XAGAR-JAREER (KH)  
 (4) 2 CR, S. Unarmed but pseudospinose  
 shrub.

*Commiphora 'quercifolia'* n.sp. ined.  
 Bally & Melville 15489, 15507  
 (0) 2 N: near Eil. Unarmed dwarf shrub.

*Commiphora rostrata* Engl. incl. var.  
 'reflexa' (Chiov.) Gillett comb. nov.  
 ined. (*C. reflexa* Chiov., *C. robecchii*  
 Engl.)  
 CALIBOY (ALIBOYE, ALI-OI-E, ALIBOJE, ALIBOJEH)  
 (M, G)

LIBOW (LIBO, LIBU) (M, G)  
 JINAW/JINOW (JENAW, JENOW, JANOW, JINAU, JENOU,  
 JILLAW, JENNO, JENAU, CHINAU, CHINOW, CILLAU,  
 CINAU, CINOW, CINAW) (KH, P, M, KTS, G, MOG, C,  
 L, Wo)  
 JINOW SHEERE (KH)  
 ORAH (MOG)

DANU (EA, KTS)

DANO-SAGAARO (DANU-SAGAR, DANO SAGARR) (EA, KTS)

GABRAR (GOBRAN) (G)

GEED DANAAN (W)

(19)16 CR, N, S. Armed shrub or usually small tree.

*Commiphora ruspolii* Chiov. (tax. identity uncertain)

Possibly CR or S (cf. Cuf. 1956).

*Commiphora samharensis* Schweinf. (C. crassispina Sprague, prob. C. terebinthina Vollesen)

GARODN (KH)

GURAAR (KH, EA)

GURAAR MADOOBE (KH)

?GUWAAX (W)

SALMADOOBE (KH)

WACANRI (KH)

?DHIDDIN/DHEDDIN (DIDIN) (M, G)

DOMOD (DEMOD) (G, MOG)

CALIBOY (ALIOYE, ALIOE, ALIBOY, ALIBOYE)

(MOG, G, C)

SHAN MAALEES (SHAN MAL AIS) (G)

SUBAGLE (SUGA GOLE) (EA)

GUMBO WEYNE (KH)

HORGDOY (HORGDI) (V)

Resin: XABAG-CALIBOY (HABBAK-ALIBOY) (C)

(18)10 CR, N, S. Armed shrub or small tree.

*Commiphora savoiae* Chiov. (aff. C. erythraea; probably = C. boiviniana Engl.) S incl. Jowhar (Chiov. 1932). Scandent shrub.

*Commiphora schimperi* (O. Berg) Engl. (C. resiniflua Mart., C. trothae Engl., C. arussensis Chiov., C. neumanni Engl.)

XODAY (HODEI) (MOG)

AFGUB (AFGUT) (G)

ANKA (C)

TIBBUK (TUBBUK) (C)

?WANO (EA)

HORGDOY (HORGDI, HARGDI) (KTS, EA)

0(2)4 S, CR, N (incl. Cuf. 1956). Armed shrub or little tree.

*Commiphora* sp. aff. *schimperi* (O. Berg) Engl. Kuchar 17089

(1) CR: Buulo Burte. Armed shrub.

*Commiphora sennii* Chiov. (C. virgata Chiov. 1916 non Engl., C. rivae sensu Chiov. 1932 non Engl.)

XODAY (HODAI, ODAI, HODHE) (KH, C, EA)

XUDI?/XODI (KH)

OMBADA (C)

MALMAL-JINAW (MALMAL-JINAU) (EA)

HUMBANE (HUMBAO) (EA)

(13)20 CR, S. Very sparingly armed shrub or usually small tree.

*Commiphora 'sericeocarpa'* n. sp. ined. (may = C. 'chiovendana' but with fruit stalk much shorter & fruit silky, not glabrous) Gillett et al. 21966, 22326, 22338, maybe 22397, Kuchar 16030, 16120, 16140 ( ) CR. Unarmed shrub & small tree.

*Commiphora serrulata* Engl. (C. anglosomaliae Chiov., ?C. serrulata var. tenuipes Engl.)

XAGAR-MADOW (HAGAR MEDU) (G)

(4)5 N. Armed shrub & dwarf tree.

*Commiphora serrulata* Engl. var. *tenuipes* Engl. (distinct from C. serrulata Engl.)

CR (Gillett ms. 1986). Unarmed.

*Commiphora setulifera* Chiov.

AYNAAD-DABAYARE (KH)

DHUDHUS (KH)

CALIBOY (ALIOE) (G)

KADILE (CADILE) (G)

CALIBOY-KADILE? (ALIO-CADILE) (C)

KASAN (CASSAN) (G)

GAMBIOCURAE (G)

(7)1 CR; S (Cuf. 1956). Unarmed dwarf tree (or sprawling shrub).

*Commiphora somalensis* Engl.

XAGAR-CAD (HAGRADD) (G, M)

N mts. Unarmed tree, very near & perhaps conspecific with C. holtziana.

*Commiphora sphaerocarpa* Chiov. (C. cerasiformis Chiov., C. hirtella Chiov.)

BACARODR (BA-AROR, BAAROR, BA-ARORH, BA'AROR) (M, G, MOG, EA)

GEED SUBAGLE (GHET SUBAK) (G)

JINAW-SAGAARO (GINO-SAGAR) (G)

GEHAI (EA)

JAWLE (KH)

QARJAWLE (KH)

(15)3 CR, N; N, S (Cuf. 1956). Unarmed shrub & small tree.

*Commiphora* sp. aff. *C. sphaerocarpa* Chiov.

DUNCAL, BA-ARORH

(4) N. Unarmed shrub & small tree.

*Commiphora* sp. aff. *sphaerocarpa* Chiov.

Kuchar 17277, 17317

(2) CR:

*Commiphora* 'spinulosa' n.sp. ined.

NE. M. Thulin col. (K). Armed.

*Commiphora* *staphyleifolia* Chiov. A doubtful species.

BACAROOR (BAHAROR, BA-AROR) (EA, G)

resin: DHUNKAAL (DUNCAL) (G, M)

(1) 2 CR (Chiov. 1932); S (Cuf. 1956).

Unarmed treelike shrub or small tree.

*Commiphora* 'stellato-pubescens' Gillett ined.

Gillett et al. 22675, 23315, Kuchar

15538, 15974, 16135

GUNDOD (KH)

MALMAL-CADDE (KH)

YUCUB (KH)

(1) 2 CR. Unarmed shrub or (small) tree.

*Commiphora* *subsessiliflora* Vollesen

HEDI, HETHI (EA)

0(2) S (EA). Small tree.

*Commiphora* *sulcata* Chiov. (= H&W 3008, Beckett 725)

BACAROOR (BAROR, BA-AROR) (EA, G)

resin: DHUNKAAL (DUNCAL) (C, W)

(4) 5 N, CR; S (Chiov. 1932). Unarmed shrub or tree.

*Commiphora* sp. aff. *sulcata* Chiov.

Kuchar 17227, 17227b, 17199

BACAROOR (KH)

(3) CR: SW Buulo Burte Dist. Unarmed dwarf tree.

*Commiphora* 'sulcato-striata' n.sp. ined.

Gillett et al. 22379, 22496, 22559,

Herlocker S264, 287, 342, Elmi & Hansen 4061, Wieland 4120, 4143

DHUSUNDHUS (GUSUNGUS, DUSUNGUS) (MOG, W)

XAGAR (L, W)

2(5) CR. Unarmed shrub or small tree.

*Commiphora* sp. aff. 'sulcato-striata' n.sp. ined.

Wieland 4477

XAGAR (W)

(0) CR: Kalad, 5°57'N 48°52'E. Unarmed dwarf shrub.

*Commiphora* *tenuis* Vollesen

HANGOOL? (HUNGOL) (V)

S (Gillett ms. 1986). Armed shrub & small tree.

*Commiphora* sp. aff. *tenuis* Vollesen

Kuchar 16915, 16916, 16919, 17213, 17233

(6) 0 CR, S. Armed tree.

*Commiphora* *truncata* Engl. (*C. crenato-lobata* Chiov.)

MUGLE/MUGLO (MOGOLE, MOGOLEH, MOGOLOH, MUGLO, MOGOL, MOGOLO) (M, G, C)

GUNDOD/GONDOD (KH)

GARDON (GARDON) (C)

QDWAAX (W)

QUMAXEED (KH)

XAGAR (HAGAR) (KH, EA)

XAGAR-MADOU (HAGAR MEDOU, HAGHAR MEDU) (EA)

Resin: XABAG-MUGLE (C)

(28) 8 CR, S; also N (Cuf. 1956). Unarmed tree.

*Commiphora* ?n.sp. aff. *truncata* Engl.

Kuchar 17275, 17306 (sterile)

SABAARSAL (KH)

(2) CR, S: Jalalaksi/Aadan Yabaal Dist.

boundary, 3°28-44'N c46°E. Unarmed broad-crowned tree.

*Commiphora* *tubuk* Sprague (near *C. africana* (A. Rich.) Engl. & possibly just a variety)

TIBBUK/TUBUK (TOBUK) (G, C, EA)

ILAN (KH)

DIRINDHIR (KH)

?DHIDDIN/DHEDDIN (DIDDIN, DIDIN) (M, G, C)

AFGUB (AFGREB) (G)

QUWAAX (COA, COHA) (G, C)

JAWDHEER (KH)

GURDADE (EA)

Resin: XABAG-TIBBUK/XABAG-TUBUK (ABBAC-TUBUC, HABBAK-TUBUK) (C)

(4) 8 CR, N; N, S (Cuf. 1956). Armed shrub.

*Commiphora* *unilobata* Gillett & Vollesen (*C. erlangeriana* sensu Chiov. & KTS non Engl.)

DHUNKAAL (KH) & see Vollesen

?ABAFULLA (EA)

BACARDOOR (BAR ARORH, BAROR) (KH, V) [& see Vollesen 1985]

CIIN-BACARDOOR (KH)

(11) 10 CR, S. Unarmed singlestem shrub or small tree.

Commiphora ?n.sp. aff. *C. unilobata* (C. sp. nov. 'H' of EA)

BACARDOOR (BA-ARORH) (EA)

HADI (HADDE) (EA)

GHORAR? (EA)

resin: DHUNKAAL (DUNCAL) (EA)

(0) 4 N. Small unarmed shrub or tree.

Commiphora *velutina* Chiov. (C. *coronillifolia* Chiov. ; not *C. opobalsamum* var. *induta*; *C. suckertiana* Chiov.)

GARON (GORDON, GARON) (C, MOG)

GARON-MADOW (GARON MIDU) (EA)

XAGAR (AGAG, AGARG, HAGAG, HAGARG) (C)

JAWDHEER (CHAUDERE) (G)

LUUGTOOLE (LUCTOLE) (C)

GARON GURUN (Drake Brockman 1912)

?BEYO (Drake Brockman 1912)

?DASEINO (Drake Brockman 1912)

(14) 11 CR, N, S. Unarmed shrub, may be rather scrambly, or tree.

Commiphora (sec. Commiphora) ?n.sp. Kuchar 17185, Wieland 4155a, 74503

DHIRINDHIR (W)

(2) CR. Armed dwarf tree or shrub.

Commiphora ?n.sp.

Wieland 4163

CR: Hobyo. Unarmed dwarf tree.

Commiphora (?sec. Hemprichia) ?n.sp.

Kuchar 17290, 17681

BACARDOOR (KH)

XAGAR CADE (KH)

?WACANRI (KH)

(2) CR/S boundary W & SW of Aadan Yabaal, 3° 38-41' N 45° 54'-46° 05' E. Unarmed (sprawly) tree.

Commiphora (?sec. Latifoliolatae) ?n.sp.

Kuchar 17326

(1) CR: Dharyo, 3° 37' N 44° 54' E. Unarmed small tree.

Commiphora (sec. Arillopsidium) ?n.sp.

Kuchar 17414, 17423

(2) CR, S: Jalalaksi Dist. & Aadan Yabaal Dist. boundary, 3° 14-18' N 45° 47-49' E. Unarmed small tree.

Commiphora (sec. Africanæ) n.sp.

Wieland 4480

?JAWDHEER (W)

(0) CR: N of Hobyo, 5° 57' N 48° 52' E. Armed dwarf shrub.

Commiphora ?n.sp.

Kuchar 17300

DHUNKAAL (KH)

(1) CR/S boundary area, 3° 38' N 46° 03' E. Unarmed shrub, may be vinelike.

Commiphora indet.

HOLBE (M)

?ENAD (M)

GARANGARO/GARANGARBO (M)

WANMAQUBTEI (M)

#### EXCLUDED:

Commiphora *quadricincta* Schweinf. Cited in Glover 1947 but not known from nearer than Eritrea.

Commiphora *simplicifolia* Schweinf. Cited in Glover 1947; it is *C. habessinica* var. *simplicifolia*, dealt with by Cuf. p. 386.

#### 197 MELIACEAE

*Azadirachta indica* A. Juss.

EX: possibly naturalized.

1(1) 2 Muq, Afgocye, maybe planted in CR. Tree.

*Ekebergia capensis* Sparrm. (*E. rueppelliana* A. Rich.)

?LOL (G)

?Possibly N; cited in Glover 1947. Evergreen tree.

*Khaya senegalensis* Desr.

EX. Possibly cultivated in S; possibly this species planted at Jilib (M.H. Madany).

*Melia azedarach* L.

MIRI MIRI (G)

EX. (2) N, S. Tree.

*Melia volkensii* Guerke  
BAMBI (EA)  
 (0) 1 S. Tree.

*Trichilia emetica* Vahl (T. jubensis Chiov.,  
 T. roka (Forsk.) Chiov., T. somalensis  
 Chiov.)

GOROMAS (G)  
ASSALBONED (C)  
MAFURATALY, MOFURAIRE (C)  
JACHI, JANCHI (C, G)  
 (5) 3 N, CR, S. Tree.

*Trichilia volkensii* Guerke  
LILA (G)  
TINTOLINE (G)  
 ?Possibly N; cited in Glover 1947.

*Turraea barbata* White & Styles (T. sp. nov. 1  
 in KTS)  
 Gillett et al. 25266  
SUREDA (EA)  
 (1) 1 S (0° 10' N 41° 08' E). Deciduous shrub.

*Turraea holstii* Guerke  
ORDERE (G)  
LILA, LILAH (MOG)  
 (2) 1 N mts. Shrub & tree, may scramble.

*Turraea kirkii* Bak.  
 S (Cuf. 1956).

*Turraea nilotica* Kotschy & Peyr.  
HOHIU, OJU (C)  
DGIALA, DIALA (C)  
GEED-GOBAD? (GHED-GOBAD) (C)  
 S (Cuf. 1956) [also Boni Forest] Shrub &  
 small tree.

*Turraea parvifolia* Deflers non Engl.  
DHUMMAY/DHUMAY? (DOMAI, DUMEI, DUMI, DUMAI,  
 DORNAI, DOSENAI) (G, C, MOG, L, B, EA)  
DHUMOOD (W)  
SARARCADDEEYE (KH)  
 ?DHIIGTAAR (KH)  
 1(17) 11 N, CR, S. Shrub.

*Turraea* sp. aff. *T. parvifolia* Deflers  
 Gillett et al 22487, Frye s.n., prob. Kuchar  
 15927, ?16755  
HIIRIN (L)  
 1(6) CR. Shrub.

*Turraea* indet.

BUKUS (KTS)  
KONKOMMA (KTS)

*Xylocarpus granatum* Koenig (X. benadirensis  
 Mattei, ?X. obovatus (Blume) A. Juss.)  
SCELALE (C)  
MUCOMAFI (C)  
 S (Cuf. 1956). A mangrove; shrub & small  
 tree.

*Xylocarpus moluccensis* (Lam.) Roem.  
 Kiunga, Kenya thus expected SW Som.  
 Coastline shrub.

### 198 SAPINDACEAE

*Allophylus pervillei* Blume  
 Boni Forest, Kenya thus expected SW Som.  
 Shrub, small tree.

*Allophylus* sp. aff. *A. rhoiphyllus*  
LUFF (C)  
 N (Cuf. 1958).

*Allophylus rubifolius* (A. Rich.) Engl. s. lat.  
 (includes *A. rubifolius* (A. Rich.) Engl.,  
*A. alnifolius* (Bak.) Radlk. sensu KTS non  
 FZ, *A. stachyanthus* Gilg)

HAMUDE (KH)  
HIIRAN MADOOBE (KH)  
GEEDLAB (KH)  
LAF (L)  
GEED LAF (W)  
UMBADI (C)  
SEGA DEGHOT (MOG)  
LOFAI (C)

CIDDI-SHABEEL-BURED (IDI SHIBEL BURED) (EA)  
 2(9) 10 CR, N, S. Shrub.

*Bottegoa insignis* Chiov.  
DRAVIS (EA)  
GURE CADE, GORA ADEI (MOG, EA, B)  
MAROODI-MAKARAAN (MARODE MAKERAN) (B, EA)  
DOMADER (KTS)  
GHEBUR (C)  
 ?GABAIYE (EA)  
 ?FAI-O (EA)  
DANYEER FUUL [is this correct species?] (MOG)  
 (3) 6 CR, S; also N (Cuf. 1958). Small tree.



*Camptolepis ramiflora* (Taub.) Radlk.  
(*Hypseloderma jubense* (Chiov.) Radlk.,  
*Haplocoelum jubense* Chiov.)

GEED-CAD (GHED-AD) (C, M)

1(0)0 S. Evergreen tree to 30m (Recheck!)  
(or dwarf tree).

*Cardiospermum corindum* L. (*C. canescens*  
Wall.)

DABRA (C)

HOBBLE (C)

(0)4 N, CR. Annual (acc. to FTEA) or  
perennial (FE) herbaceous or slightly  
woody vine.

*Cardiospermum halicacabum* L.

MAGAN (G)

(2)4 N, CR, S (Afgooye). Creeping &  
climbing weak annual herbaceous or  
slightly woody vine.

*Deinbollia borbonica* Scheff.

BUKURAAL, BUKUROOL (MOG)

(2)0 CR (along Shabeelle R.); S (Cuf.  
1958). Singlestem shrub or small tree.

*Dodonaea angustifolia* L. f.

XAYRAMAD (HIRAMAD, HAIRAMAT, HAIRIMAT, HAI-  
RAMAD, HEIRAMAT, HEIRAMAJ, HAIRAMAD)  
(EA, G, MOG, NWR)

DEN (C)

(5)13 N mts. ?Evergreen shrub (or small  
tree).

*Dodonaea viscosa* Jacq.

S (Cuf. 1958). ?Evergreen shrub.

*Haplocoelum foliolosum* (Hiern) Bullock (H.  
*gallaense* (Engl.) Radlk., *Pistaciopsis*  
*gallaensis* Engl.)

(0)2 S.

*Haplocoelum inoploeum* Radlk. (*Filicium*  
*somalense* Chiov.)

0(1)1 S. ?Evergreen shrub or straggly  
tree.

*Haplocoelum trigonocarpum* Radlk.

Hemming SRS 580/1

S: 1 km NE of Kolbio (K). Small tree.

*Lecaniodiscus fraxinifolius* Bak. ssp.

*scassellatii* (Chiov.) Friis (*Chiarinia*

*jubae-fluvii* Chiov., *Haplocoelum*  
*scassellatii* Chiov.)

HAMBEEBE/HAMBEEWE (EMBEBE, HUMBEEWEY, HUMBAAWE

(HD, G, SAR)

JANAW, CENAH, CHANAH (G, EA, HD)

MGEUE (C, Z)

3(0)6 S. ?Evergreen tree, shrub.

*Lepisanthes senegalensis* Leeuh. (*Aphania*  
*senegalensis* (Poir.) Radlk.)

Hemming & Deshmukh JESS/86/97 (sterile)

MASAAR-JABIS (HD)

1( ) S: Jubba R. Tree 18 m, said to be  
deciduous but looks evergreen.

*Pappea capensis* Eckl. & Zeyh.

ADAD AK, ADADAK (G, EA)

?BIKA (G)

BETO (G)

KORDACHA (EA, C)

(2)5 N mts. Tree.

*Paullinia pinnata* L.

Maunder 136

S: Jubba R. (K). Woody vine.

EXCLUDED:

*Erythrophysa septentrionalis* Verdc.  
OMULOTABA (EA, FE) Ogaden from 7° to 7° 30'  
& 45° to 45° 30' E (FE). [30 km S of  
Wardere] Shrub or dwarf tree.

## 202 MELIANTHACEAE

*Bersama abyssinica* Fres. cited for N (Glover  
1947) but doubtful.

## 205 ANACARDIACEAE

FTEA

*Anacardium occidentale* L.

EX: cashew.

BIBBO (C)

S (Cuf. 1958). Recently introduced into  
areas around Muqdisho, growing well (Kazm  
1985).

*Lannea alata* (Engl.) Engl. (*Odina alata*  
Engl., *Lannea minimifolia* (Chiov.) Cuf.)

WACANRI (WA' ANREH, ?ANRI) (EA)

(1)1 S. Shrub or shrubby tree.

*Lannea cotoneaster* (Chiov.) Sacleux (Odina cotoneaster Chiov., *Lannea greenwayi* Kokwaro)

GARANRAY (KH)WACAR (KH)WACANRI, WACANRE (CAS, KH, L, MOG)ILKA ADEIS (EA)

(13)12 S, CR, N. Broad shrub &amp; tree.

*Lannea malifolia* (Chiov.) Sacleux (Odina malifolia Chiov.)

DHEGOWEYN (DEGNEIN) (C, M)RIYO/RIYAA CEYIYE (HRIA EJI, HRIO EJI, RIYO-EJI) (G, M)SAGAARO LEGED (M)WACANRI (WA-ANRI, WA' ANRIH) (EA, MOG)BEHRO, BERO (G, Z)DANANEYE (G)SA GARA LEJIDE, SAGAARO LEJIDE (G)GUHAHURI (C)?KOBESH (EA)

(5)3 N incl. just N of CR. Tree.

*Lannea obovata* (Oliv.) Engl. (?incl. *L. cuneifoliolata* (Engl.) Engl., *L. obcordata* (Engl.) Engl. [which may be distinct])

DANANIJE, BANANIGI, DANENEYE, DHANANAYE (EA, C)DASEINO (EA)SALELMA (EA)

(6)13 N. Shrub or small tree.

*Lannea rivae* (Chiov.) Sacleux (Odina rivae Chiov., *Lannea cufodontii* Chiov., *L. floccosa* Sacl.)

WACANRI (WA-ANREH, WA-ANDHRI, HARANREH, WAAHEY, WARE, WAHRI, WAHREI) (KTS, EA, B)JID WEY (EA)

(0)1 Si Ogaden (Chiov. 1929). Shrub or tree.

*Lannea ruspolii* Engl. (Odina ruspolii (Engl.) Senni)

CR, S (Kazmi 1985).

*Lannea schweinfurthii* (Engl.) Engl. var. *stuhlmannii* (Engl.) Kokwaro (incl. *L. stuhlmannii* (Engl.) Engl.; *Scassellatia heterophylla* Chiov.)

UUNSI? (UANZI) (G)DEN (EA)

(4)4 S. Tree.

*Lannea somalensis* (Chiov.) Cuf. (*Calesiam somalense* Chiov., *Odina somalensis* (Chiov.) Senni; possibly = *L. triphylla*) S (Cuf. 1958).

*Lannea triphylla* (A. Rich.) Engl. (maybe incl. *L. cinerea* (Engl.) Engl.)

BACARDOOR (BA-AROR) (G, M)JIDI WAA, JID WAY, JIDIWEH (B, EA)WACANRI (ANTHRI, WANKHRI, WAN-ANDRI) (KTS, EA)GID WEY (MOG)LECHIDE, LEJIDE, LEJIDI (G, MOG)MODHI (EA)

(7)8 CR, N, S. Shrub or small tree.

*Lannea* indet.

?DOGFAAR QOD (M) [same name as the *C. julifera* - check vs. the *C. descr*]

*Mangifera indica* L.CANBO/CANBE (AMBO/AMBA) (Z)

EX: mango.

1( )0 Cultivated evergreen tree.

*Mangifera macrocarpa* Blume

EX.

2( )0 Cultivated evergreen tree.

*Ozoroa insignis* Del. ssp. *insignis* (*O. reticulata* (Bak.f.) R. & A. Fernandes, *Heeria insignis* (Del.) O. Ktze.)

WEGER-CAD (WIGIR-ADAD) (C, M)JEDAINU (MOG)

(3)3 N mts. Small (?) evergreen tree or shrub.

*Ozoroa obovata* (Oliv.) R. & A. Fernandes (*O. mucronata* Krauss, ?*Anaphrenium insigne* (Del.) Fiori)

Boni Forest, Kenya thus expected SW Som. (?) Evergreen shrub or small tree.

*Pistacia aethiopica* Kokwaro (P. 'lentiscus' L.)

XAMAR, BEED-XAMAR (HAMAR) (MOG, C, M, M)HAI, HEIS (C, MOG)ULA-CASO (ULA-ASO) (C)SISAY (SISAYE) (C)

gum: MURKUT (C)

GUBELLI (EA)

1(6)12 N mts. Evergreen tree.

*pistacia falcata* Mart. (*P. chinensis* Bunge  
var. *falcata* (Mart.) Zohary)

SISAAY (SISEI, SISAYE, SIISAY, SISSEI, SESEYE)  
(EA, MOG)

HRA-A-MALI, HRA-EL-MALI, HRIA-EL-MALI (C)  
1(4)8 N mts. Small tree.

*Rhus glutinosa* A. Rich. ssp. *abyssinica*  
(Oliv.) M. Gilbert ined. (*R. abyssinica*  
Oliv.)

Djibouti (Cuf. 1958).

*Rhus natalensis* Krauss

ILKA CADAYS/CADEEYE (ILKACADEEYE, ILKA  
ADIS, ILKA-ADE, ELKA-ADEIS, ILKA  
ADAIS) (EA, C, MOG, M)

1(5)8 N (mts?); expected SW since found in  
Boni Forest, Kenya. (?) Evergreen shrub,  
small tree.

*Rhus puccionii* Chiov.

HUMBUL, UMBUL (C, MOG)

(7)6 N incl. Eil. ? Evergreen shrub.

*Rhus retinorrhoea* Oliv.

SISAAY (SISAYE, SISAI, SIINSAY) (C, MOG, EA)  
SENGAI (EA)

RIYA-CEEJE (MOG)

1(3)5 N mts. Small evergreen tree or  
shrub.

*Rhus somalensis* Engl.

ILKA CADAYS/CADEEYE (ILKA ADEIS, ILKA-  
ADEYE, TIKA ADEIS) (EA, C, MOG, M, Ali 1986)

DAMBALO AREYNE, DHAM BAALLA WEEYNEEYE,  
DHAMBOUT-WEYNEEYE (MOG)

HUMBUL (MOG)

1(9)16 N mts. Evergreen shrub, small tree.

*Schinus molle* L.

MIRIMIRI (MOG)

EX.

1( )0 Tree.

*Sclerocarya gillettii* Kokwaro

DANANIU (EA)

0(0)0 Kenya E of Garissa; maybe expected  
Somalia. Shrub or small tree.

*Sorindeia madagascariensis* DC. (*S.*  
*obtusifoliolata* Engl., *S. somalensis*  
(Chiov.) Chiov., *Aglaia somalensis* Chiov.)

MATAN-BIYOOD (MATTAMBIOD, MATAN-BIOD) (M, C)

MPERIPERI (C: possibly Swahili)

(0)0 *S.* Evergreen tree.

## 206 CONNARACEAE

FTEA 1956

*Byrsocarpus boivinianus* (Baill.) Schellenb.  
Boni Forest, Kenya thus expected SW Som.  
Scandent shrub or small shrubby tree.

*Byrsocarpus orientalis* (Baill.) Baker  
Boni Forest, Kenya thus expected SW Som.  
Scandent shrub.

## 212 ARALIACEAE

FTEA 1968

*Cussonia holstii* Engl.

WAXARA, GUUR (WAHARA-GU, WAHARA GUL) (C, MOG, EA)  
WADAD (KTS)

1(2)8 N mts. Tree.

*Cussonia zimmermannii* Harms

(0)0 *S.*: NE Bay Region (O'Brien 1986).  
Tree.

*Schefflera abyssinica* (A. Rich.) Harms

BOBOLUHU (C)

(0)0 N (Cuf. 1959). Tree.

## 213 UMBELLIFERAE

*Anethum graveolens* L. (*Peucedanum graveolens*  
Benth. & Hook. f.)

EX.

*S.* (Cuf. 1959). Aromatic annual.

*Apium nodiflorum* (L.) Lag.

(0)1 N. Floating-leaved rooted aquatic.

*Conium maculatum* L.

CHOF CHOF (G)

N (Kazmi 1985).

*Coriandrum sativum* L.

EX: coriander.

(0)1 *S.* - cultivated in a garden. Annual.

*Daucus carota* L. (*D. abyssinicus*  
Hochst. [C. A. Mey.])  
EX: carrot.  
N, S cultivated (Kazmi 1985).

*Diplolophium somaliense* Verdc.  
HAMOON (Verdcourt 1963)  
DULUL (EA)  
(5) 9 N mts. Tall woody perennial to 4.5m;  
described by Verdcourt (1963) as a thin  
shrub.

*Drusa glandulosa* (Poir.) Bornm.  
(0) 1 N. Fleshy forb.

*Ferula communis* L.  
(1) 1 N mts. Perennial.

*Foeniculum vulgare* Mill. (*F. capillaceum*  
Gilib.)  
KABOON, KABUN (EA)  
EX. Cultivated for the fruit.  
(0) 1 N; S (Cuf. 1959). Aromatic biennial  
or perennial.

*Pimpinella anisum* L.  
KAMUUN (KHAMUUN, KAMUN) (G, MOG)  
1(1) N mts. Forb.

*Pimpinella indet.*  
KAMUUN (COMU, COMMOON, COMMUN, KAMU, KAMUN) (MOG)

*Pycnocycla glauca* Lindl.  
(0) 1 N mts. Perennial.

*Schimperella verrucosa* (Rich.) Wolff  
(*Pimpinella simensis* (Rich.) Hiern)  
MULGIS (G)  
?Possibly N; cited in Glover 1947.

*Seseli scopulorum* C. C. Townsend  
(1) N mts. Woody forb (dwarf shrub?).

*Steganotaenia araliacea* Hochst. (*Peucedanum*  
*fraxinifolium* Oliv.)  
SHANFARIYOOD (SHAN FAROOD, SHAREFOD, SHAN  
FARYOOD, SHANFERYOD) (G, B)

LUGALUKEH (KTS)  
KIBDI SHAN (KTS)  
GEED-BADAWI (GED BADAWI, BED BIDAWI) (G)  
BOH (EA)  
HOMBAWINI (EA)  
?BISUGA (EA)  
(5) 6 N, CR, S. Brittle shrub or tree.

*Torilis arvensis* (Huds.) Link (*T. africana*,  
*T. infesta* Spreng.)  
(1) 1 N mts. Annual.

*Trachyspermum aethusifolium* Chiov.  
KAMUUN (KAMUN) (MOG)  
LUGUN (MOG)  
2(3) 3 N, S. Weedy annual, in cultivated  
fields.

*Trachyspermum ammi* (L.) Sprague (*T. copticum*  
(L.) Link)  
GUMMUR-HURTUI (C)  
S (Cuf.); Muq. (Chiov. 1929). Annual.

#### EXCLUDED:

*Heracleum abyssinicum* (Boiss.) Norman  
(*Malabaila abyssinica* Boiss.) N acc. to  
Glover 1947.  
*Hydrocotyle* N (Glover 1947).  
*Sanicula elata* Don (*S. capensis* (Cham. &  
Schlecht.) Eckl. & Zeyh., *S. europaea* L.)  
N acc. to Glover 1947.

### DICOTYLEDONS: METACHLAMYDEAE or GAMOPETALAE

#### 215 ERICACEAE

*Erica arborea* L.  
?WADADI (C)  
(0) 0 N (Cuf. 1960). Evergreen shrub.

#### 221 EBENACEAE

*Diospyros abyssinica* (Hiern) F. White (Maba  
*abyssinica*)  
Boni Forest, Kenya thus expected SW Som.  
Evergreen tree.

*Diospyros consolatae* Chiov.  
(1) 2 S; NE Bay Region (O'Brien 1986).  
Evergreen shrub & small tree.

*Diospyros cornii* Chiov.

DIOSPYROS CORNII

HALATI, HOLATI, KALATI, KOLATI, COLLATTI,  
OLATTI (G, KTS)  
DULAN (HD)  
1(5)6 S, CR. Evergreen tree.

*Diospyros scabra* (Chiov.) Cuf.  
(0)1 S: riparian. Evergreen tree.

*Diospyros squarrosa* Kl.  
(0)1 S (almost CR: Bur Heybe). Small  
(?) evergreen tree.

*Diospyros wajirensis* F. White sp. nov. ined.  
GOMA GOMO, GOMUH (KTS, EA)  
(1)1 S. Evergreen shrub.

*Diospyros* sp.  
Thulin 4504  
(1) S: Jelib-Camsuma, 14 km. Shrub.

*Diospyros* indet.  
DHEGAYARE (M)  
DULU (EA)

*Euclea divinorum* Hiern  
(0)2 S; NE Bay Region (O'Brien 1986).  
Evergreen [called decid. on 1 label] shrub  
& small tree.

*Euclea natalensis* A. DC.  
Boni Forest, Kenya thus expected SW Som.  
Evergreen shrub & small tree.

*Euclea racemosa* Murr. ssp. *schimperi* (A. DC.)  
F. White  
(4) N mts. Evergreen shrub & small tree.

*Euclea schimperi* (DC.) Dandy (E. kellau  
Hochst.)  
MAYER, MAYEER (MOG)  
DUBOBIS, DABOBEIS (G, MOG)  
DUDOHQ (G)  
KCHASIN ADA (EA)  
(2)5 N mts; N, S Cuf. 1960). Evergreen  
shrub & small tree.

WANEY/WAANEY? (UANEJ, UANEI, WANI) (C, G, B, EA, M)  
CARROBBA, CAROBBA (C, G)  
OREDDEI, UERDEI, ONAREDE, WARDHE (EA, C, G)  
WIRIQ/WEREG (UIRIGH) (C, M)  
DHOGON (L)  
(4)6 S, CR; also N (Kazmi 1985). Evergreen  
tree & shrub.

*Manilkara sulcata* (Engl.) Dubard  
GEED BUUREED (B)  
WANEY (WANEI) (B, EA)  
(2)4 S; only extreme SW acc. to Friis 1985.  
Evergreen shrub.

*Mimusops angel* Chiov.  
CANJEEL (ANGEL, ANJEL) (G)  
DEEGAAN (DEGAAN) (Ali 1986)  
(9)7 N. Tree to 20 m, dbh to 2.4 m. A  
large conspicuous tree, casting a dense  
shade, locally common along dry  
watercourses, not above 600m. This was  
the 'tree of bad consent [counsel?]',  
famous in Somali history with the  
conspiracy against Sayid Maxamud Cabdille  
Xasan.

*Mimusops fruticosa* A. DC. (M. degan Chiov.)  
DEEGAAN (DAGAN, DEGAN, DEGHEN, DEGAAN, DEGGAAN)  
(HD, G, C, M, EA)  
KOLATI (EA)  
2(2)2 S incl. Afgooye, CR; also Djibouti  
(Cuf. 1960) though not mentioned by Friis  
1985. Evergreen tree to 20m.

*Mimusops kummel* A. DC. (partly FTEA; coll.  
det. prob. incorrect; could this be M.  
*laurifolia*?)  
WANEY (WANI) (MOG, B, EA)  
CANJEEL (ANJEL) (G)  
NAGA KADADI (G)  
CONCIO (C)  
(1)1 S; N (Cuf. 1960). Evergreen tree.

*Mimusops laurifolia* (Forsk.) Friis (M.  
*schimperi* A. Rich., *Binectaria laurifolia*  
Forsk.)  
CANJEEL (ANJEL) (EA, Z)  
(0)3 N, S incl. Afgooye. Evergreen tree to  
20m.

*Mimusops somalensis* Chiov. (M. *schliebenii*  
Mildbr. & Schulze)  
DEEGAAN (DEGAN) (MOG)  
WANEY (UANEI) (C)

222 SAPOTACEAE  
FTEA 1968

*Manilkara mochisia* (Bak.) Dubard (*Mimusops*  
*densiflora* Engl. var. *paolii* Chiov.)

(1) S. ?Evergreen tree 20 m.

*Monotheca buxifolia* (Falconer) A.DC.  
(*Reptonia buxifolia* (Falconer) A.DC.,  
*Sideroxylon buxifolium* Hutch., *S. corradii*  
Chiov., *S. gillettii* Hutch. & Bruce)  
SHAIE, SHEH, SHE, SHEI, SHOI, SHUWI, SHAVI,  
SHOWI (G, C, EA, MOG)  
?LAMALOYE (EA)

(6) 14 N mts. Armed (?) evergreen tree to  
15m though mostly shrubby.

*Pachystela subverticillata* E.A. Bruce  
Boni Forest, Kenya thus expected SW Som.  
Shrub, small tree.

*Sideroxylon inerme* L. ssp. *diospyroides*  
(Bak.) J.H. Hemsl. (*S. diospyroides* Bak.)  
BERDE YER/YAR (G)  
HAMESH (G)  
CANJEEL (ANGEL) (C)  
N (Cuf. 1960), S (Friis 1985). Evergreen  
tree with milky sap.

EXCLUDED: *Spiniluma* has 2 species, one in  
Socotra & one in Ethiopia (Friis 1978).  
It is not known from Somalia, but *S.*  
*oxyacantha* (Baill.) Aubrev. might yet be  
found.

## 223 MYRSINACEAE FTEA 1984

*Maesa lanceolata* Forsk.  
ABAIYI (G)  
N (Cuf. 1960). Shrub & tree.

*Myrsine africana* L.  
QUOROCHENA, QUOROCHAINA (MOG)  
MDOYA (MOG)  
RIYO LAAB? (HRIO LAJAB, RHIO LAJAB,  
HARIALAJABE) (MOG, EA)  
GUJAMO (G)  
UARAMOLE (C)  
ABOB KURIA (EA)  
(5) 5 N mts; ?also S (Cuf. 1960). Evergreen  
shrub.

## 228 LOGANIACEAE FTEA 1960

*Buddleja polystachya* Fres.  
MARETAD, MARET AD (MOG, EA)  
(3) 4 N (mts). Evergreen shrub.

*Mostuea brunonis* Didr.  
Boni Forest & Kiunga, Kenya thus expected SW  
Som. Deciduous shrub.

*Mostuea microphylla* Gilg (*M. sennii* Chiov.,  
*M. amabilis* Turrill)  
(1) 1 S. Shrub.

*Nuxia congesta* Fresen. (*Lachnopylis congesta*  
(Fres.) C.A. Sm.  
BIES (MOG)

SABAN SABDHO (SABANSABADOR, SABAN  
SABDO) (MOG, EA)  
(3) 5 N mts. Tree to 20 m, coppices when  
cut.

*Nuxia oppositifolia* (Hochst.) Benth. (N.  
*dentata* Benth., *Lachnopylis oppositifolia*  
Hochst.)

DEFIDID (G)  
SABAN SABDHO (SABANSABADOH, SABANSABDO, SABAN  
SABAOLI, SABAN SABADU) (G, MOG, EA)  
BIES, BI-ES, BIYEIS (G, C)  
(3) 3 N mts. Tree to 10m.

*Strychnos decussata* (Pappe) Gilg  
SHIMBIR-YAAYS (MOG)  
(4) S, Balcad. Evergreen shrub & small  
tree.

*Strychnos henningsii* Gilg (*S. barbata*  
Chiov.)  
HADESA (KTS, EA)  
WIRA, WIRAH (MOG, EA)  
(4) 4 N, S (incl. Cuf. 1960). Evergreen  
shrub & small tree.

*Strychnos innocua* Del. ssp. *innocua* (*S.*  
*unguacha* A. Rich.)  
MANGULLE (MOG)  
S (Cuf. 1960).

*Strychnos madagascariensis* Poir. (*S.*  
*dysophylla* Benth. ssp. *engleri* (Gilg)  
Bruce & Lewis)  
MEHRER (C)  
(1) 1 S. Evergreen tree, liane &  
subscandent shrub.

*Strychnos panganensis* Gilg  
Boni Forest, Kenya thus expected SW Som.  
Scandent shrub, maybe liane.

*Strychnos spinosa* Lam. ssp. *lokua* (A. Rich.)  
Bruce (incl. *S. madagascariensis* Poir.)

DALABDOI, DALEBDOI (C, G)

DELEDDOR (C)

(0)1 S (incl. Cuf. 1960).

## 229 OLEACEAE

FTEA 1952, Green & Kupicha 1979

*Jasminum floribundum* R.Br. incl. var.  
*steudneri* (Bak.) Gilg & Schellbg. (J.  
*steudneri* Bak.)

DAMBA-AL, DHAM BACAR, DUMBAR, DAMBAR (G, MOG)

BILU (G)

2(5)4 N, also Afgooye but perhaps only in  
cultivation in S? Woody vine, or  
straggling-climbing shrub.

*Jasminum fluminense* Vell. ssp. *mauritianum*  
(DC.) Turrill (J. *somaliense* Bak.)

DA-ALI (MOG)

(2)4 N mts, S. Scrambling shrub.

*Jasminum meyeri-johannis* Engl.

(1)1 S. Shrub.

*Jasminum punctulatum* Chiov. (J. *grahamii*  
Turrill, J. *?parvifolium* Knobl.)

JASMIN (C)

(4)2 CR, S. Shrub, twining & somewhat  
scrambling. Has been thought conspecific  
with *J. streptopus* E. Mey. (FZ) but that  
species has opposite leaves whereas those  
of *J. punctulatum* are spirally arranged  
which is unusual in the Oleaceae.

*Jasminum schweinfurthii* Gilg var.  
*chisimajense* Chiov.

JASMIN (C)

S (Cuf. 1960).

*Jasminum tomentosum* Knobl. var. *somalense*  
Fiori

JASMIN (C)

(0)1 S; Muq. (Cuf. 1960); just S of CR  
(Kazmi 1985). Woody twiner.

*Olea capensis* L. s. lat.

Hemming & Deshmukh JESS 86/96 (sterile)

WABAAYO-BOOMEED (HD)

1( ) S: Jubba R. at 0°48'N. Tree to 20m.

Also grows on the Kenya coast. There is  
no agreement yet as to its name within the  
*O. capensis* aggregate but it is certainly  
distinct from the northern *Olea*.

*Olea europaea* L. ssp. *africana* (Mill.)

P.S. Green (*O. africana* Mill., *O.*  
*chrysophylla* Lam., *O. somalensis* Bak.)

WEGER (WIGIR, WEGAR, WERA, WEGIR) (G, KTS, MOG,  
M, EA, NWR)

JERSO (G, KTS)

1(5)6 N mts. Evergreen tree.

## 230 APOCYNACEAE

NOTE: all Somali species have milky sap.

*Acokanthera schimperi* (DC.) Schweinf. (*A.*  
*abyssinica* K. Schum., *A. deflersii* (Lewin)  
Pichon, *A. friesiorum*, *A. wabago* Poiss.,  
*Carissa schimperi* DC.)

WAABAAYO/WAABAAY [this name also or only  
refers to the poison] (*WABA*, *WABE*, *WAABA*,  
*WAABAYO*, *DUABAIO*, *WABAYO*, *UABA*, *UABEI*, *WABAI*,  
*WABEI*, *WABI*, *UABAIO*, *UABAJO*, *DUABAIO*, *WABAJO*)  
(C, MOG, EA, NWR)

GEED WAABAAY (GED WABEY, GED WABE) (MOG, EA)

GHEDULATO (C:Ogad.)

MELHEDDO, MELKEDDO, MILHEDO, MINHEDO (C, EA)

QARARRO (M)

ASASO (EA)

MARID (EA)

1(6)20 N mts. Evergreen shrub & small  
tree, common & locally dominant in mts.

*Adenium obesum* (Forsk.) Roem. & Schult. (*A.*  
*coetaneum* Stapf, *A. somalense* Balf.f., *A.*  
*tricholepis* Chiov.)

GOL (C)

AGON (C)

SEN-SCIUP (C)

BADHI (M)

OBBO/OMBO (OOMBO, UMBA, OBE, HOMBI, OMBI,  
HOOMBO, UBA, OBO) (C, B, KTS, M, Wo, EA)

ABOBEY (KH)

OBEY (ABEI, HABEJ, UMBEI, HABEI) (C, G,  
EA, MOG, KH)

FANIITA [FAGIRTA] (B)

SARBA ARBA (KTS)

GILWAH (MAC)

ADAABI (MOG, NWR)

NAAS EELO (MOG)

ABBORTA-HAI, ABERTA-HA, ABARTIAI, HABRTIAY,

HABARDAYDE, HABARTIAYE (C, G, EA)

HAB (R) ABADHER (MOG)

BADHI-WEYN (BADIYAWAIN, BOUDYTO-WEIN,

GUDIAWING) (G, EA)

DUN DHURWAA (DUN DURWAH, DUH DURWAYI) (G, EA)

WARAABE GARON? (WARRAB KARON, WOROFF-

KORONNE, WHARAPKARAN) (C, G, EA)

GIRATU (EA)

DALANLAIYE (EA: Ceel Dheer)

ADAHI HARARTERIN (EA)

3(7)36 N, CR, S. Dwarf tree-like succulent to 4 m with swollen base.

*Ancylbothrys petersiana* (Kl.) Pierre

(*Landolphia petersiana* Dyer)

ARGOLE (C)

fr: MDUBE (C)

gum: MBIRA, MPIRA (C)

1(1) S. Evergreen liane, (scandent) shrub.

*Callichilia orientalis* S. Moore

(*Conopharyngia humilis* Chiov.,

*Ephippiocarpa humilis* (Chiov.) Boiteau)

Muq.-Balcad (Cuf. 1960). Shrub.

*Carissa edulis* (Forsk.) Vahl incl. var.

*tomentosa* (Rich.) Stapf

ORGABAT, OR-GABAT (C)

DEGWUD (C)

1(0)5 N, S; N, CR, S (Cuf. 1960). Armed evergreen shrub.

*Catharanthus roseus* (L.) G. Don (*Lochnera*

*rosea* (L.) Rchb. f., *Vinca rosea* L.)

EX: ornamental.

1( ) S, ?CR. Forb, may seem a dwarf shrub.

*Conopharyngia elegans* (Stapf) Stapf

(*Tabernaemontana elegans* Stapf)

S (Cuf. 1960, SRS). Tree & tree-like shrub.

*Holarrhena pubescens* (Buch.-Ham.) G. Don (H. febrifuga Klotzsch)

Boni Forest & Kiunga, Kenya thus expected SW Som.

*Hunteria zeylanica* (Retz.) Thwaites [Thou.]

var. *africana* (K. Schum.) Pichon

GEED-MADOW (GHED-MEDU, GHEDMEDU) (C)

1(0) S. Small evergreen tree & shrub (may scramble).

*Landolphia kirkii* This.-Dyer

S (Cuf. 1960). Tendrillate sprawly-scrambling shrub & liane.

*Landolphia* sp.

Deshmukh JESS 239, 244

AANOOLI (HD)

GED GOLED (HD)

S: Jubba Valley (K).

*Nerium oleander* L.

EX: oleander.

1( ) Cultivated ornamental shrub, highly poisonous.

*Pleiocarpa pycnantha* (K. Schum.) Stapf var. *pycnantha*

Hemming & Deshmukh JESS 86/33 & 40 (sterile: confirmation required)

1(0) S: Jubba R. at 1°13'N. Tree, probably evergreen.

*Plumeria rubra* L. var. *acutifolia* (Poir.) Bailey

EX: frangipani.

Cultivated (Cuf. 1960). Evergreen shrub.

*Saba comorensis* (DC.) Pichon (*S. florida*

(Benth.) Bullock)

CAANOOLE (ANOOLE) (C)

MABUNGO (MAPUNGO) (C)

MURANGA-GIADI (C)

DHANGALOW, ?DONGOLA (EA)

1(1)4 Balcad, S incl. Bur Heybe. Evergreen liane, may also sprawl.

*Strophanthus kombe* Oliv.

Boni Forest, Kenya thus expected SW Som.

Scandent twining shrub, sometimes liane.

*Strophanthus mirabilis* Gilg

DHUUMOOD (KH)

DUMADERA (EA)

GOI-OR-GUSHO, GOYO GASHA (EA)

JIFAR (EA: Buulo Burte)

DI-BIR (EA)

DIBLE-SO-ROOT (KH)

JACJACLE (KH)

DABIR, DIBIR, DI-BIR (MOG, B)

GED GURBERI (B)

GEED MEGED (B)



GED RAMUD (MOG, EA)  
HADOMIDGOT, ADOMIDGOT (C)  
LOBOL (C)  
1(10)12 CR, S. Shrub.

Wrightia demartiniana Chiov. (Piaggiacea  
demartiniana (Chiov.) Chiov.)  
XAYEY/XANYEY? (also possibly HAYAY, HACIYAY)  
(HAIYA, HAINYA, XANYA, HANYA, XANYE, XIDIX, HIA  
HADIA, HANYO, HAJAJ, AIAI, HAIYO)  
(C, MOG, B, KTS, KH, G, W, EA)

HADI (ADI) (C)  
SAS-SAR (C)  
MAIYO (EA)  
TAKIDAWA? (EA)  
1(5)2 S, CR. Shrub or (shrubby) tree.

EXCLUDED:

Oncinotis inandensis (Motandra erlangeri  
K. Schum.) Som. acc. to Glover 1947 but  
not know from Som. though the type came  
from S. Ethiopia.

231 ASCLEPIADACEAE

Tribes (after Dalla Torre & Harms as at EA):

1. Periploceae Cryptolepis
  - Parquetina
  - Periploca (incl. Socotora)
  - Raphionacme
  - Schlechterella
  - Tacazzea
2. Asclepiadeae Calotropis
  - Cynanchum
  - Diplostigma
  - Glossonema
  - Gomphocarpus
  - Kanahia
  - Odontanthera (Steinheilina)
  - Oxystelma
  - Pentarrhinum
  - Pentatropis
  - Pleurostelma
  - Sacleuxia
  - Sarcostemma
  - Vincetoxium
3. Secamoneae Secamone
4. Tylophoreae Ceropegia
  - Dregea
  - Leptadenia
  - Pergularia

Tenaris  
Tylophora  
stapeliads: Caralluma  
Duvalia  
Echidnopsis  
Edithcolea  
Huernia  
Pseudolithos  
Rhytidocaulon  
Whitesloanea

Alternative classification:

A. Twiners.

B. Succulents.

C: Erect & not succulent.

Blyttia fruticulosum (Decne.) D.V. Field  
(Cynanchum fruticulosum Decne., C.  
defoliascens K. Schum.)

JALENJILO, JILANGILO (MOG, EA)

GEESARRIYOOD/GEESARRIYAAD (GEESARIYOOD, GESA  
RIYAD) (MOG, EA)

NYURI (C)

(8)18 S, CR, N. Dwarf shrub with (self-)  
twining stems; sap not milky. [see Field  
1983 p.216]

Calotropis procera (Ait.) Ait. f. (C.  
inflexa Chiov.)

BOOC (BO' AH, BOOCE, BOOCO, BO, BOAH, BOAH  
AD, BOHE, BOOH, BUA-BUA, BOE, BOH, BUA)  
(C, G, MAC, M, KH, KTS, B, MOG, NWR, SAR)

OSCIAR (G)

1(6)2 CR, N, S; ubiquitous in Muqdisho.  
Succulent soft shrub to 6m.

Caralluma arachnoidea (Bally) M.G. Gilbert  
Poss. N (Plowes 1980). Leafless succulent.

Caralluma congestiflora Bally (C.  
plurifasciculata Bally)

GOWRACATO (GOWRUATTO, GAURATU) (EA)

(1)4 N incl. Eil (incl. Plowes 1980).  
Endemic leafless succulent, weakly armed.

Caralluma (cf.) dicapuae (Chiov.)  
[Chiov.] White & Sloane (Spathulopetalum  
dicapuae Chiov.)

FARD HUNSHU, FERA HUNSHU (G)  
 1(0)4[&K16028] CR; N (Cuf. 1961). Leafless  
 succulent, seemingly armed.

*Caralluma dodsoniana* Lavranos  
 N (Plowes 1980). Endemic leafless  
 succulent.

*Caralluma edithae* N.E.Br.  
UDAABTEYS/UDAABDEYS (UDAB-TIS, UDAB-TAIS, UDAB-  
 TEIS) (MOG, EA)

(2)6 N mts: locally very common on rocky  
 mid-elevation slopes. Leafless succulent,  
 weakly armed.

*Caralluma edulis* (Edgw.) Gravely & Mayuran  
 (*C. vittata* N.E.Br.)  
 (0)1 N. Leafless succulent.

*Caralluma* sp. aff. *C. foetida* E.A. Bruce  
 NE of Muq. (Kazmi 1985). Leafless  
 succulent.

*Caralluma furta* Bally  
 N (Plowes 1980). Leafless succulent.

*Caralluma huernioides* Bally  
 N (Kazmi 1985). Endemic leafless succulent.

*Caralluma kochii* Lavranos  
 N (Kazmi 1985). Endemic leafless succulent.

*Caralluma mireillae* Lavranos  
 Djibouti (Plowes 1980). Leafless succulent.

*Caralluma moniliformis* Bally  
 (0)1 N. Endemic leafless succulent, may be  
 considered weakly armed.

*Caralluma penicillata* (Defl.) N.E.Br.  
 (1)6 N. Leafless succulent.

*Caralluma priogonium* K. Schum. (*C.*  
*mogadoxensis* Chiov.)  
GOWRACATO (GAURA ATU, GAWRA-ATO, GORA ATU) (G, M)  
DOOD ANLE, DON-DONLE (B, EA)  
HUNDREIS (B, EA)  
 (3)6 S, CR. Weakly armed leafless  
 succulent.

*Caralluma russeliana* (Brongn.) Cuf. (*C.*  
*retrospiciens* (Ehrenb.) N.E.Br., *C.*  
*acutangula* (Decne) N.E.Br., *Boucerosia*  
*acutangula* (Decne.) Decne.)

GOWRACATO (M)

UDAABTEYS/UDAABDEYS (UDAB-TIS) (C)

(1)6 N, CR, S. Leafless succulent, may  
 perhaps be considered weakly armed.

*Caralluma socotrana* (Balf. f.) N.E.Br. (*C.*  
*rivae* Chiov., *C. corrugata* N.E.Br.)  
GOWRACATO (GURRATO, GORA-ATU) (C, MOG, M)

UBATIS (EA)

(3)2 N, CR. Leafless succulent.

*Caralluma somalica* N.E.Br.

TUGUMBAHAR (G)

(3) CR; Muq., N (Cuf. 1961). Endemic  
 leafless succulent.

*Caralluma speciosa* (N.E.Br.) N.E.Br. (prob.  
 incl. *C. oxydonta* Chiov.)

UDAABTEYS/UDAABDEYS (UDAB TEIS, UDAB  
 TIS) (G, EA)

(5)5 N, CR, S. Leafless succulent, weakly  
 armed.

*Caralluma* (cf.) *tubiformis* Bruce & Bally  
 (0)1 CR: 6°30'N 47°45'E. Leafless  
 succulent.

*Caralluma turneri* E.A. Bruce  
CAANAMACAYS (ARNO MA-EIS) (EA)  
 (0)2 N, Muq. Leafless succulent.

*Caralluma* ?n. sp.

Thulin & Warfa 4604

(1) CR: 53 km on Maxaas-Buulo Burte rd,  
 4°04'N 45°44'E. Leafless succulent.

*Caralluma* indet.

DON DOONLE (B)

GAIRA (EA)

TURIN BARBAAR [TURUN HABAHRE] (B)

SOOHIN KIROOG [SUN GORUB] (B)

GOWRACATO (GOWRUATTO, GAURATU, GORADD,

GAWRACATO) (C, MOG, NWR)

UAF-ORE (C)

*Ceropegia affinis* Vatke

N (Cuf. 1961). Twiner with subsucculent  
 stems.

*Ceropegia botrys* K. Schum.

(Field 1982, p. 310..)

*Ceropegia nuda* Hutch. & Bruce

MAROORA ADHI (M)

Som. (Kazmi 1985).

*Ceropegia somalensis* Chiov.  
N, S (Cuf. 1961). Twiner with succulent stems.

*Ceropegia subaphylla* K. Schum. (C. botrys K. Schum.)

MAROORO-GEEL (M)

MAROORO-ARI (MARORO-ARI, MARORO-ARRI) (C)

MAROORO/MAROORA? (MORORO) (C)

(0)2 N, CR. Twiner (subsucculent stems?) with tuberous root.

*Ceropegia* sp. aff. ?*subaphylla* = Popov 1087  
(0)1 CR: Beledweyne. Virtually leafless twiner.

*Ceropegia variegata* Decne var. *cornigera* Huber (C. *devecchii* Chiov.)

MAROORO-GEEL (MARORA GEL, MARORO GEL) (C, M)

(0)2 N, S (incl. Cuf. 1961). Leafless succulent vine.

*Ceropegia vignaldiana* A. Rich. (C. *brosima* Bruce & Bally)

N (Cuf. 1961). (Slightly succulent) twiner with tuber.

*Ceropegia* n. sp.

Lavranos & Carter 23222

(1)1 37 km NE of Muq. ?Subsucculent perennial twiner from tuberous root.

*Ceropegia* indet.

DOOMBIR (DOMBIR) (C, M)

ARRODLOHAD (C)

HARMAT DANAU (EA)

*Cryptolepis orbicularis* Chiov.

GEESARRIYAAD/GEESARRIYOOD (GAWSARWUD)

(SAR, MOG)

(1)1 S (incl. Cuf. 1960), ?CR. Half-woody or woody climber or prostrate, with milky sap.

*Cryptolepis* sp. aff. *orbicularis* Chiov.

Gillett et al. 22455 (Wisil rd), 25286 (S Som.)

( ) CR, S. Woody climber ?or prostrate, with milky sap.

*Cryptolepis ruspolii* Chiov. (*Ectadiopsis ruspolii*)

Ogaden (Chiov. 1929).

*Cryptolepis stefaninii* Chiov.  
N (Cuf. 1960).

*Curroria decidua* Planch. ssp. *gillettii* (Hutch. & Bruce) Bullock (*Cryptolepis gillettii* Hutch. & Bruce)

GEESARRIYOOD/GEESARRIYAAD (GESARIYAD, GESERIAD, GESERIET) (C, G)

UL-CAS (ULA AS) (G)

(3) CR; N (Cuf. 1960). Shrub, can be scandent.

*Curroria migiurtina* (Chiov.) Bullock (*Cryptolepis migiurtina* Chiov.)

GEESARRIYOOD/GEESARRIYAAD (GESANAD, GEYSARIAD, GESERIAD, GERSEIAD [GESERIAD?]) (C, EA)

GESARIAD AD GESABILE (EA)

(5)7 CR, N. Shrub (& woody twiner), sap milky.

*Curroria volubilis* (Schltr.) Bullock

Locally very common in Mandera Dist., Kenya, perhaps expected S Som. Woody twiner & shrub with scandent tips, sap milky.

*Cynanchum dentatum* K. Schum.

Possibly CR/S (cf. Cuf. 1960).

*Cynanchum falcatum* Hutch. & Bruce

HAYAB (C)

GEESARRIYAAD/GEESARRIYOOD (GESSARIAD) (C)

(0)1 CR; N (Cuf. 1960). Twiner.

*Cynanchum hastifolium* N.E.Br. [or (Hochst.)

K. Schum.] (*Vincetoxium hastifolium* Hochst.)

ASKA (EA)

HANTIY (EA)

GEESARRIYAAD/GEESARRIYOOD (GHESARIOT, GESURIAT) (G, EA)

(0)7 N, CR, S. Woody (sometimes herbaceous?) twiner, sap milky.

*Cynanchum* sp. aff. *hastifolium* N.E.Br.

Gillett et al. 22073, 22615, Gillett & Hemming 24513 (N of Adale at coast)

(0)3 CR. Woody twiner, sap ?milky.

*Cynanchum somaliense* (N.E.Br.) N.E.Br. (C. *trifurcatum* Schlecht., *Schizostephanus somaliensis* N.E.Br.)

CUNEEXO, UNEHO (G, M)

(0)4 N; CR, S (Chiov. 1932). Low herbaceous twiner, sap milky.

*Cynanchum tetrapterum* (Turcz.) Bullock (C. sarcostemmatoides K. Schum.)

DEBINA-DIR(C)  
N (Cuf. 1960). Succulent-stemmed leafless semi-twiner, sap milky.

*Cynanchum validum* N.E.Br.

MINSAR(C)  
(1)1 N mts. Succulent twiner, sap not milky.

*Cynanchum* n. sp.

Thulin & Warfa 5612

(1) N: Al Miskat mts c15 km SW of Candala. Herbaceous vine.

*Diplostigma canescens* K. Schum.

AAN-ORLE(C)

MUDWINE(EA)

N (Cuf. 1960), perhaps expected S since found 10 km E of Wajir, Kenya. Dwarf shrub but stems twining; sap not milky.

*Dregea rubicunda* K. Schum. (*Marsdenia rubicunda* (K. Schum.) N.E.Br.)

(0)1 S; N, possibly CR/S (cf. Cuf. 1961). Woody twiner & liane, sap not milky.

*Dregea schimperi* (Decne.) Bullock (*Marsdenia schimperi* Decne.)

DALEH, DALLY(G)

?DHUNKAAL (DUNKAL)(G)

(3)5 N: riparian in mt. scrub. Twining-climbing woody vine, sap mostly not milky.

*Dregea stelostigma* (K. Schum.) Bullock (*Marsdenia stefaninii* Chiov.)

(1) Just S (Jowhar); N, S (Cuf. 1961). Woody twiner.

*Duvalia eilensis* Lavranos

N (Plowes 1980), possibly CR. Leafless succulent.

*Duvalia galgallensis* Lavranos

N (Kazmi 1985). Leafless succulent.

*Duvalia somalensis* Lavranos

N (Plowes 1980). Leafless succulent.

*Echidnopsis ballyi* (Marnier-Lapost.) Bally (*Stapeliopsis ballyi* Marnier-Lapost.)  
N (Cuf. 1961, Plowes 1980). Leafless succulent.

*Echidnopsis bavazzani* Lavranos

N (Plowes 1980), expected CR. Low leafless succulent.

*Echidnopsis bihendullensis* Bally

GHORA-WARABE(C)

N (Cuf. 1961). Leafless succulent.

*Echidnopsis cereiformis* Hook. f.

?CR, ?S (Cuf. 1961); Djibouti (Plowes 1980). Leafless succulent.

*Echidnopsis chrysantha* Lavranos var. *filipes* Lavranos

N (Kazmi 1985). Leafless succulent.

*Echidnopsis ciliata* Bally

(0)1 N. Leafless succulent.

*Echidnopsis dammanniana* N.E.Br. (E. *somalensis* N.E.Br.)

HAD-ULI(C)

ARAB-LOHADEN(EA)

(2)5 N. Leafless succulent, stems erect, may be somewhat scandent.

*Echidnopsis mijerteina* Lavranos incl. var. *marchandii* Lavranos

N (Kazmi 1985). Leafless succulent.

*Echidnopsis planiflora* Bally (*Trichocaulon somaliense* Guillemain)

N (Cuf. 1961). Leafless succulent.

*Echidnopsis stellata* Lavranos

N (Kazmi 1985). Leafless succulent.

*Echidnopsis virchowii* K. Schum.

N (Cuf. 1961). Endemic. Acc. to Plowes (1980) only in Tanz. & possibly Kenya but not Som., but this is incorrect. Occurs in Somalia (fide J.J. Lavranos). Leafless succulent.

*Echidnopsis watsonii* Bally

N (Cuf. 1961). Leafless succulent.

*Edithcolea grandis* N.E.Br. (E. *sordida* N.E.Br.)

~~XAMAKO~~ (HAMACCON, HAMACCOU, HAMAKO, HAMAKU,  
ANACO, HAMACON) (C, G, M)  
CARAB-LO' AAD (KH)  
(3) 1 N, CR: Armed prostrate leafless  
succulent.

*Glossonema boveanum* Decne. ssp. *boveanum* &  
ssp. *nubicum* (Decne.) Bullock [Bally  
7205, 7242, 10204] (*Cynanchum boveanum*  
Decne.)

GURUNCHAR (C, EA)

SUBKA, SABKAR (C, EA)

ASKAX (ASKAH) (EA)

(0) 9 N. Small perennial (annual?) with  
milky sap.

*Glossonema macrosepalum* Chiov.

A dubious taxon known only from the type  
Paoli 1082, El Ure in S (J.B. Gillett in  
litt.).

*Glossonema revoilii* Franch.

ASKAX (ASKAH, ASKA, USKAR, ASKAR, ASKAL) (MOG, EA)

CHUMKA, SHONKAH (G, EA)

IBROR (G)

SABKAH, SUBKA, SASKA, SOD KAH, SUBKHA (C, G, EA)

ILCAS (ILAS) (EA)

GARUNJO, GARUNJI, KURUNJAI (W, Wo, EA)

1(15) 19 CR, N, ? also S. Erect perennial (or  
annual?).

*Glossonema thruppii* Oliv.

ASKAX (ASKAR) (MOG)

KHURUCHI (C)

SUBKA, SUBKAB (C)

(2) 2 N. Dwarf shrub or woody forb.

*Glossonema* indet.

KHERI (MOG)

(3) N.

*Gomphocarpus fruticosus* (L.) R.Br.

(*Asclepias flavida* N.E.Br., *A. phillipsiae*  
N.E.Br., ?*A. albida* N.E.Br.)

SUF\_YERERE (B)

BALAMBAL/BALANBAL (BALANBAAL) (B)

SUF-JINNI (SUF JINI, SUF-GIN) (C, B, G)

DEFECO, DOFERO, DUFERO, DUFEYI'O, DHIFEECO,

DUFEYU, DU-FE-OH, DUFEYO, DUFFELIO

(C, MOG, G, EA)

GEES-RIYOOD (GHES-RIOT) (C, G)

SOD\_KA SHABELL (EA)

1(9) 16 N, S; N, CR, S (Cuf. 1960). Shrubby  
perennial forb, sap milky.

*Gomphocarpus integer* (N.E.Br.) Bullock  
DUFAYO, DUFEYO, DUFEY'HO, DUFERO, DU-FAOH (G, EA)  
1(4) 10 N. Erect (straggly) shrub to 2.5m.

*Gomphocarpus physocarpus* E.Mey.

DOFERO (EA)

(0) 1 N. Slightly woody large annual.

*Huernia macrocarpa* Spreng. (*H. concinna*  
N.E.Br.)

(0) 2 N mts. Small leafless succulent,  
seemingly armed.

*Huernia somalica* N.E.Br.

ANAHROB (EA)

GA-AIRO, GYAIRO, GHAIRO (C, EA)

N (Cuf. 1961). Small leafless armed  
succulent.

*Kanahia laniflora* (Forsk.) R.Br.

(1) 0 N; S (Kazmi 1985). Shrub, sap milky.

*Leptadenia arborea* (Forsk.) Schweinf. (*L.*  
*heterophylla* (Del.) Decne.)

HYAB, HAYAB (G, MOG)

SABKA (MOG)

DASILE (C)

ELI (Wo)

UNEH (EA)

SAARSAAR (SARSAR) (EA, Wo)

2(4) 8 N, S, Afgooye; CR (Chiov. 1929).

(Somewhat) woody twiner, or  
scrambling/sprawling; sap not milky. In  
Muqdisho, where possibly introduced, it is  
common along walls, climbing over hedges,  
& sprawling in small masses.

*Leptadenia pyrotechnica* (Forsk.) Decne.

MOROH (MUROH) (C, M, EA, NWR)

NIRUG, MIRUG (EA)

(3) 5 N, where common along some  
watercourses; also S (Cuf. 1961). Green-  
stemmed leafless shrub, also small tree  
with drooping branches; sap ?milky.

*Leptadenia spartium* W(right)

MOROH (MOROGH, MUROH) (G, M)

(3) N. Twiggy, leafless shrub.

[*Marsdenia robusta* R.Br. Socotra. Shrub.]

*Odontanthera radians* (Forsk.) D.V.Field  
(*Asclepias radians* Forsk., *Steinheiliana radians* (Forsk.) Decne)

SABKAH, SUBKA(G)

(0)4 N. Small fleshy annual with somewhat thickened rootstock, milky sap.

*Orbea prognatha* (Bally) Leach (*Stapelia prognatha* Bally)

N (Plowes 1980). Leafless succulent.

*Oxystelma bornouense* R.Br.

SCIONTELA-SCIONTELEI (MOG)

GEESARRIYOOD/GEESARRIYAAD (CHESSERIAD) (C)

(1)1 CR, S. Twiner, sap milky.

*Parquetina nigrescens* (Afz.) Bullock

[(*Omphalogonus calophyllus*)]

Kiunga, Kenya thus expected SW Som.

Somewhat succulent vine or liane, older stems woody; sap milky.

*Pentarrhinum insipidum* E.Mey. (P.

*abyssinicum* Decne. sometimes considered synonymous)

CUNEEEXO (UNEHO) (MOG, G, M)

HAYAB, HAIYAB (MOG, G)

ASKAH\_GEL (G)

?RAIDIP(G)

(3)1 N mts. Twiner, may also creep; sap milky.

*Pentarrhinum* sp. = Gilbert & Thulin

1265, 1513

El Wak, Malka Mari (?therefore expected S Som.) Twiner.

*Pentatropis cynanchoides* R.Br. (?= *P. spiralis*)

GEESARRIYOOD/GEESARRIYAAD (GESARIYAD, GESERIAD) (G)

HAYAB(G)

(1) N. Vine.

*Pentatropis fragrans* Rendle [correct?]

(1) N mts. Dwarf shrub.

*Pentatropis nivalis* (J.F.Gmel.) Field & Wood

(*P. spiralis* (Forsk.) Decne., *P. rigida*

Chiov.)

ADI, HADI(C)

ASCHASCHALLE(C)

GEESARRIYOOD/GEESARRIYAAD (GHESERIAD) (C)

HAYAB(C)

1(3)6 N, CR, Afgooye; expected SW since found at Kiunga, Kenya. Twiner with (sub)succulent leaves, grows to 6m up but may also creep; no milky sap mentioned.

*Pergularia daemia* (Forsk.) Chiov. incl. var. *macrantha* Chiov. (*P. extensa* N.E.Br., *Daemia extensa* R.Br., *D. cordifolia* (Retz) K. Schum., ?*D. cordata* R.Br.)

GABSAS (KH)

SABKAX (KH)

?BALANBAL/BALAMBAL (KH)

CASUURO (ASSURO) (M)

HIYAB (MOG)

NASO ELO (MOG)

DHUNKAAL (DUNKAL, DUMKAL) (MOG, EA)

GEESARRIYOOD/GEESARRIYAAD (GESERIAD) (MOG)

DALEH(G)

HANIN WARHA(G)

CORONGIAI(G)

SUF DANHA(G)

IBADERE ERE(EA)

SAARSAAR (SARSAR) (EA)

MARAJA(EA)

GEED-CAANOLE (GHED-ANOLE) (C)

3(19)14 CR, N, S (incl. Cuf. 1961). Twining herbaceous vine, may also sprawl; sap milky.

*Pergularia tomentosa* L.

SOD-KE (EA)

(0)3 N. Herbaceous twiner, sap milky.

*Periploca aphylla* Decne.

GEESARRIYOOD/GEESARRIYAAD (GESERIAD) (MOG)

(1)0 N. Shrub, sap milky.

*Periploca laevigata*

RIM-RIMEE (EA)

(0)3 N. Shrub, ?dwarf shrub with milky sap; lvs present.

*Periploca somaliensis* Browicz

Type: Gillett 4712

JALEELO (JALELO) (EA)

(0)2 N. Endemic? ?Woody vine.

*Periploca visciformis* (Vatke) Schum. (*P. ephedriiformis* (Defl.) Schweinf., *Socotora visciformis* (Vatke) Bullock (var. *glabra* Browicz), *S. aphylla* Balf.f., *Leptadenia visciformis* Vatke)

GEESARRIYOOD/GEESARRIYAAD (GEMESA-RIYOOD,  
GESA-RIOLI, GESANAD, GESERIAD, GEYSERIAD)  
(C, MOG, EA)

SOONFUR? (SAN FUR, SUN FUR) (MOG, B, EA)

DA-HAMU, DAHAMOW (MOG, EA)

AAN-ORLE, AHN-ORLE, AAN ORLE (C, MOG)

1(19)20 N, CR, S; most collections from N.  
Much-branched leafless dwarf shrub & shrub  
to 2.5m with numerous thin green erect  
stems; sap milky.

Pleurostelma cernuum (Decne.) Bullock  
(Microstephanus cernuus (Decne.) N.E.Br.)

ARENGALEH (MAC)

(4)2 N, S, Muq., Afgooye, Balcad. Woody  
twiner, sometimes scandent shrub. Mostly  
coastal, to shoreline.

Pseudolithos caput-viperæ Lavranos  
N: Eil (Kazmi 1985). Small leafless  
succulent.

Pseudolithos cubiforme (Bally) Bally  
(Lithocaulon cubiforme Bally)  
(0)1 NW. Small leafless succulent.

Pseudolithos horwoodii Bally & Lavranos  
Eil (Kazmi 1985). Small leafless succulent.

Pseudolithos laticorona Bally  
N: 8°34'N 48°58'E.  
Small leafless succulent.

Pseudolithos migiurtinus (Chiov.) Bally (P.  
sphaericus (Bally) Bally, Lithocaulon  
sphaericum Bally, Sphaerocaulon dinah  
Bally, Whitesloanea migiurtina)

DINAAX (DINA, DINAH) (C)

(0)2 NE incl. Eil (incl. Bally et al.  
1975). Small leafless succulent.

Pseudolithos indet.

(1) Xingod (Mudug Region); also sterile  
coll. from Shabeelle R. area just N of  
Border (Bally et al. 1975). Small  
leafless succulent.

Pseudopectinaria malum Lavranos  
N (Kazmi 1985). ?Succulent.

Raphionacme ?n.sp.

Beckett 1030

(1)1 N: Gardo. Forb with massive  
rootstock.

Rhytidocaulon paradoxum Bally  
Ogaden (Plowes 1980), Kenya (?K), maybe  
expected CR? Leafless succulent.

Rhytidocaulon piliferum Lavranos  
(0)1 N (incl. Plowes 1980). Leafless  
succulent.

Rhytidocaulon subscandens Bally  
N & Ogaden (Cuf. 1961, Plowes 1980).  
Succulent.

Sarcostemma andongense Hiern  
WAN WAANAY, WALAN-WALI (MOG, B, EA)  
HANGEY (HANGEYU) (MOG)  
WANE (EA)

1(6)7 N, CR, S. Leafless succulent shrub  
forming spreading clumps, or 'tangled  
undershrub', or big vine but not twining.

Sarcostemma stolonifera Adams & Holland  
DU-FE-OH (MOG)  
(2)1 N. Dense compact mass of succulent  
leafless stems, sometimes extending long  
stolon-like branches.

Sarcostemma viminale (L.) R.Br. (Euphorbia  
viminalis L.)

HANGEY (or XANGEEYO?) (HUNGEYER, HANGAYO,  
HANGEYU) (G, B, M, NWR)

CIIN (IN, EN) (G, M, C)

MALAKSO, MALACSO (G, C)

(1)4 CR, S; N (Cuf. 1960). Leafless  
succulent ropy climber/scrambler, can form  
tangled masses on shrubbery.

Schlechterella africana (Schltr.) K. Schum.  
Wajir-El Wak rd & Ramu-El Wak rd in Kenya,  
thus expected S Som. Twiner with large  
tuber.

Secamone parvifolia (Oliv.) Bullock  
Boni Forest, Kenya thus expected SW Som.  
Woody twiner (very rarely creeping), sap  
milky.

Secamone punctulata Decne.

GEESARRIYOOD/GEESARRIYAAD (GESARIAD) (C)

(2)1 N (mts). Woody twiner, sap milky.

Strobopetalum bentii N.E.Br. ('Pleurostelma  
sp.')

JILANGELO (EA)

(2)8 CR,N; also Kiunga, Kenya thus expected  
S Som. Twining & trailing forb with  
succulent lvs; no sap.

*Tacazzea apiculata* Oliv. (T. *kirkii* N.E.Br;  
cf. *Periploca laevigata* Ait.)

N (Cuf. 1960); expected S since found in NE  
Kenya incl. Mandera. Large twiner & vine  
with milky sap, can also trail over rocks.

*Tenaris somalensis* (Schlecht.) N.E.Br.  
N (Cuf. 1961).

*Tenaris subaphylla* (K.Schum.) N.E.Br.  
CR: Hobyo Distr. (Cuf. 1961). Forb from  
tuberous rootstock.

*Tylophora* sp. = J.R.I.Wood S/73/135  
(0)1 N mts. Woody vine, riparian.

*Vincetoxium linifolium* Balf.f. [possibly =  
*Cynanchum falcatum*?]

(2)1 CR. Twiner with woody older stems.

*Whitesloanea crassa* (N.E.Br.) Chiov.  
(*Caralluma crassa* N.E.Br.)

ARDOOR-KHALEH(C)

N (Cuf. 1961). Leafless succulent.

GEN. AFF. PERIPLŒCA (*Periploca laevigata*  
Ait. in Kew Bul. 1954 & Cuf., [OR?])

*Cryptolepis* sp. in Cuf. 19 (p.696),

*Tacazzea apiculata* acc. to Kazmi 1985)

GEESARRIYAAD/GEESARRIYODD (GESERIAD, GESANAD,  
GESARIAD) (C, MOG, EA)

RIM-RIMI (MOG)

(6)5 N (incl. S of Laas Caanood & Garoowe).  
erect & straggly evergreen dwarf  
shrub/shrub, sap milky.

GEN. ?NOV. = Bally & Melville 15308

(0)1 CR: Buulo Burte. Twiner.

GEN. UNKN. 1

Beckett 428

SOD KEH(EA)

(0)1 N:W of Gardo airstrip, 9°32'N 49°06'E.  
Dwarf shrub, sap milky.

GEN. UNKN. 2

Gillett & Watson 23843

(0)1 N: mts of Surud Range, 10°48'N

47°22'E. Cushion-forming dwarf shrub.

GEN. UNKN. 3

Gillett & Beckett 23253

(0)1 CR/S: 36 km S of Aadan Yabaal, 3°23'N  
46°13'E. Herbaceous (?softly woody)  
twiner.

EXCLUDED:

*Cynanchum microstegium* K.Schum. A dubious  
taxon known only from the type Riva sn,  
probably collected in Ethiopia, not Som.  
as indicated by Cuf. 1960 (J.B.Gillett in  
litt.)

*Echidnopsis urceolata* Bally S acc. to  
Plowes 1980), but only Eth. & Kenya fide  
J.B.Gillett in litt.

232 RUBIACEAE  
FTEA 1976,

Tribes:

*Agathisanthemum bojeri* Klotzsch var. *bojeri*  
N (cit?); expected S since found in Boni  
Forest, Kenya. Forb or woody forb.

*Amphiasma gracilicaulis* Verdc.

(1) CR; type loc. Gawa, 5°19'N 48°15'E.  
Perennial woody forb or dwarf shrub.

*Canthium glaucum* Hiern ~~ssp.~~ *glaucum*  
(*Plectronia glauca* (Hiern) K.Schum.)

GAROORSHE (KH)

ILAN (KH)

TIMIR-DUUR (TIMER-DUR, TIMMERDER) (G, C)

(2) CR; S (Cuf. 1965). Armed shrub.

*Canthium mombazensis* Bull. (*C. pallidum*  
(K.Schum.) Bullock)

(1) S. Shrub.

*Canthium robynsonianum* Bullock (syn?)

Boni Forest, Kenya thus expected SW Som.

*Canthium* sp. = Langridge 27

Boni Forest, Kenya thus expected SW Som.



*Canthium* indet.  
XAGAR (HAGAR) (B)

*Carphalea glaucescens* (Hiern) Verdc. ssp.  
*glaucescens* (*Dirichletia glaucescens*  
Hiern, *D. asperula* K.Schum., *D. borziana*  
Mattei, *D. ellenbeckii* K.Schum., *D.*  
*giumbensis* Chiov., *D. paolii* Chiov.)

BURBURSI (KH)

GARDA, GARTA (C, KTS, G)

BUR-BUR, BURA-BURA (C, KTS, Wo)

JUSCIAC, JUSCIACK (C)

(12) CR, S. Shrub, can scramble slightly.

*Carphalea obovata* (Balf.f.) Verdc.  
(*Dirichletia obovata* Balf.f.)

GANWALIEH (C)

N (Cuf. 1965).

*Carphalea* ?n.sp. = G & W 23482

(1) N mts. Dwarf shrub.

*Catunaregam nilotica* (Stapf) Tirven.

(*Xeromphis nilotica* (Stapf) Keay)

(1) S (incl. Cuf. 1965). Armed shrub  
(small tree).

*Chassalia umbraticola* Vatke ssp. *umbraticola*  
S (Cuf. 1965).

*Coffea rhamnifolia* (Chiov.) Bridson (C.  
*paolia* Bridson, *Paolia jasminoides* Chiov.,  
*Canthium rhamnifolium* (Chiov.) Senni,  
*Plectronia rhamnifolia* Chiov.)

DHINGARAS (BINGARAS, DINGARAS, DENGARAS,  
DINGRAS) (C, G, KH, L)

LOOBAGABAJIIR (KH)

FIID (B)

MAREER ORR GAAB (MERER ORR GAABO, MAREERH OR  
GABO, MAREH-O-GABO, MEHRER-OR-GABAN)

(B, MOG, C)

CIA-CIALI (G)

(18) 1 CR, S, (?N). Shrub.

*Coffea rhamnifolia* (Chiov.) Bridson forma  
vel sp. nov. aff. or possibly *Feretia*  
sp. aff. *apodanthera* Del.

Hemming & Deshmukh JESS 86/50

MAREER ORR GAAB (HD)

1 ( ) S: Jubba R., 1°06'N. Shrub.

*Conostomium brevirostrum* Bremek.

GEGGIABA (C)

S (Cuf. 1965).

*Conostomium hispidulum* Bremek.  
N (Cuf. 1965).

*Conostomium kenyense* Bremek.

(4) CR. Stiff forb or usually (dwarf)  
shrub.

*Conostomium longitubum* (Beck) Cuf.

BURKWA-ALLELE (C)

GEESARRIYOOD/GEESARRIYAAD (GESO-RIYA) (C)  
N (Cuf. 1965).

*Conostomium* ?n.sp.

Gillett et al. 22249. Wieland & Gahair 4140  
1(1) CR: Gawaan (other?). Spindly dwarf  
shrub/shrub.

*Diodia aulacosperma* K.Schum. var.

*aulacosperma* (*D. physotricha* Chiov.,  
*Arbulocarpus somalensis* (Chiov.) Cuf.,  
*Hypodematium somalense* Chiov.)

ALKHIAN (MOG)

(9) S, Muq. & just S of CR. Annual,  
usually subsucculent.

*Diodia aulacosperma* K.Schum. vel sp. aff.

Gillett et al. 24947

(1) S: 18 km NE of Kismaayu, 0°13'S  
42°35'E. Annual.

*Feretia apodanthera* Del. ssp. *keniensis*

Bridson

(3) S. Shrub.

*Galium simense* Fres.

Prob. N (cf. Cuf. 1965).

*Galium spurium* L. ssp. *africanum* Verdc. (cf.  
*G. aparine* L.)

LALESA (G)

(2) N mts. Scrambling forb.

?*Galium* indet.

RIMARIMAN (MOG)

*Gardenia fiorii* Chiov. (*Randia fiorii*

(Chiov.) Chiov.)

DHINGARAS (KH)

MASAARO LABIS (KH), MASAARJABIS (L)

YABAARAYEEL (KH)

MADAX MADAL ?/MADA MADAAL ? (MADMADAAL, MAD  
MADAL, MATHAHAMAD, MARA DOOL, MAMA DOOL,  
MARMARDOLE, MERMERDOT) (B, G, MOG, B, KH, Wo)

- ?LUFF (MOG)  
 HEMIR, EMIR, HIMIR (C, G)  
 MARMAROOD (MORMORU) (C)  
 (13) CR; ?N, S (Cuf. 1965). Shrub or small tree.
- Gardenia ternifolia Schum. & Thonn. ssp. jovis-tonantis (Welw.) Verdc. (G. jovis-tonantis (Welw.) Hiern)  
 Boni Forest, Kenya thus expected SW Som.; possibly expected N? Shrub.
- Gardenia stupinocarpa Chiov.  
 S (Cuf. 1965).
- Gardenia volkensii K. Schum. var. volkensii (G. somalensis Chiov.)  
 MADAX MADAL? (MATHA MADAL) (KTS)  
 GABUULI, GAN-BOLI (MOG, B)  
 KORON DOOYE [KURUN-DOYE] (MOG, B)  
 ARE, ACE (C, G)  
 CIAMBELL, CIAMBER, GIAMBEL (G, C)  
 SHANFAROOD (SCIAMFERAT, SCIANFEROT, SCIANFARODLE, SCIAMFEROT) (C, G)  
 LUR (C)  
 LAF (G, M)  
 CAANEY (M)  
 (2) S. Shrub or small tree.
- Heinsia crinita (Afz.) G. Tayl. ssp. crinita & ssp. parviflora (K. Schum. & K. Krause)  
 Verdc.  
 (2) S. Shrub.
- Ixora prob. I. narcissodora K. Schum.  
 GUDUUD (GHEDUD) (C)  
 S (Cuf. 1954). Shrub, small tree.
- Keetia zanzibarica (Kl.) Bridson (Canthium zanzibaricum Klotzsch, Plectronia zanzibarica (Kl.) Vatke)  
 Boni Forest, Kenya thus expected SW Som.  
 Probably extreme SW Som. (Bridson 1986).  
 Shrub.
- Kohautia baddadensis Bremek.  
 S (Cuf. 1965).
- Kohautia caespitosa Schnizl. var. caespitosa & var. amaniensis (K. Krause) Bremek.  
 WANIIG (KH)  
 TULKALLALMIS (TUCAMALIS) (MOG)  
 (4) CR; N, S (Cuf. 1965). Dwarf shrub or annual-perennial forb.
- Kohautia coccinea Royle  
 S (Cuf. 1965).
- Kohautia dolichostyla Bremek. (Oldenlandia dolichostyla (Bremek.) D. E. Mansell ined.)  
 N (Cuf. 1965).
- Kohautia obbiadensis (Chiov.) Bremek. (Oldenlandia obbiadensis Chiov.)  
 CR, S (Cuf. 1965).
- Kohautia obtusiloba (Hiern) Bremek.  
 S (Kazmi 1985).
- Kohautia sarcophylla (Chiov.) Bremek. (Oldenlandia sarcophylla Chiov.)  
 (1) 1 Afgooye; Muq. (Chiov. 1932).  
 Perennial.
- Kohautia senegalensis Cham. & Schlecht. (Oldenlandia senegalensis (Cham. & Schlecht.) Hiern)  
 CADAR (ADAR) (G)  
 (1) N. Forb.
- Kohautia sennii Bremek.  
 S (Cuf. 1965).
- Kohautia somaliensis Bremek.  
 N (Cuf. 1965).
- Kohautia virgata (Willd.) Bremek.  
 (?) Forb.
- Kraussia kirkii  
 Boni Forest, Kenya thus expected SW Som.
- Lamprothamnus zanguebaricus Hiern  
 (1) S (incl. Cuf. 1972). Evergreen shrub or small tree.
- Meyna tetraphylla (Hiern) Robyns ssp. tetraphylla & ssp. comorensis (Robyns)  
 Verdc., ssp. nov. = Beckett & White 1687, 1773 from S (originally det. as ssp. tetraphylla)  
 CIIDI-SHABEEL (EDI SHABELL) (MOG, B)  
 KETICK (MAC)  
 GARROOREY (HD)  
 1(2) 1 S; CR (K). Armed shrub.

- Oldenlandia chiovendae* (Bremek.) Verdc. (*O. littoralis* Chiov., *Eionitis chiovendae* Bremek.)  
 (2) Muq.; expected CR acc. to ?Chiov.  
 ?Succulent.
- Oldenlandia corymbosa* L. var. *caespitosa* (Benth.) Verdc.  
 S (Cuf. 1965). Annual.
- Oldenlandia* (?) *cryptocarpa* Chiov.  
 (1) CR; S (Cuf. 1965). Small dwarf shrub.
- Oldenlandia fastigiata* Bremek. var. *fastigiata* & var. *somala* (Bremek.) Verdc. (*O. somala* Bremek.)  
 CAYNO/CAYO- (AGNO-CAFARET) (C)  
 (6) S, CR. Annual or perennial.
- Oldenlandia herbacea* (L.) Roxb. var. *herbacea*, var. *holstii* (K. Schum.) Bremek. & var. *papillosa* (Chiov.) Bremek.  
 (1) N, S (Cuf. 1965), maybe CR. Annual or perennial.
- Oldenlandia ichthyoderma* Cuf. (incl. *O. capitata* Bremek.)  
 N, ?expected CR. Perennial.
- Oldenlandia richardsonioides* (K. Schum.) Verdc. var. *richardsonioides*, var. *gracilis* Verdc., var. *hirtella* (Chiov.) Verdc. & var. *laxiflora* (Bremek.) Verdc. (*O. psammophila* Chiov., *Eionitis psammophila* (Chiov.) Bremek., *Mitratheca richardsonioides* K. Schum.)  
 NAGAAR/NAGAADH (W)  
 1(4)2 CR, S. Small annual (perennial?).
- Oldenlandia rotata* Bak. (?is this *Conostomium brevirostrum*)  
 BURKWA ALLELE, BURKA ALELE (G, MOG)  
 GEGGIABA (G)  
 (3) N mts. Forb.
- Oldenlandia saxifragoides* Chiov.  
 (1) CR. Cushion-forming perennial.
- Oldenlandia schimperi* T. Anders.  
 CADAR (ADAR) (G)  
 AUDIDOWA (G)  
 GOROYO KAXAARIS (GOREYA KA HARIS, GOROYU KAGA HARIS) (G)  
 MANJA-AS (G)
- (3) N. Forb.
- Oldenlandia* indet.  
 AGARR (MOG)
- Oxyanthus speciosus* DC.  
 Suggested distribution (Bridson 1979) includes extreme SW Somalia.
- Oxyanthus zanguebaricus* (Hiern) Bridson (*Randia scabra* Chiov.)  
 S (Cuf. 1965, Kazmi 1985). Shrub or small tree.
- Paederia pospischilii* K. Schum. (?*P. petrophila* K. Schum., *Siphomeris petrophila* K. Schum., *P. (Siphomeris) sp. sensu* Chiov. 1916)  
 FAGGETE, FAGGHIETE (C)  
 (6) S, CR. Malodorous woody twiner, less often herbaceous.
- Pavetta abyssinica* Fresen.  
 GERBIS (MOG)  
 SOLIOGH (MOG)  
 (2) N mts. Shrub.
- Pavetta corradiana* Cuf.  
 S (Cuf. 1965). Shrub.
- Pavetta crassipes* K. Schum.  
 N (Cuf. 1965). Maybe wrong name (cf. FTEA).
- Pavetta crebifolia* Hiern var. *pubescens* Bridson  
 Boni Forest, Kenya thus expected SW Som.
- Pavetta eliottii* K. Schum. & Krause [syn?]  
 Boni Forest, Kenya thus expected SW Som.
- Pavetta gardeniifolia* A. Rich. (*P. fossorum* Bremek., *P. hochstetteri* Bremek.; the small-ld variant = *P. somaliensis* Bremek.)  
 BIES, BIEIS (MOG, C)  
 GOTIMAH-SOMIH (C)  
 MEDANGA (C)  
 CAANMACAYS (AINO-MAYE-I) (G, M)  
 MIROOLE-ARTIGIIS (MOG)  
 (6) N; just S (incl. Chiov. 1932); CR? Shrub.
- Pavetta microphylla* Chiov.  
 CR or just S (Chiov. 1929). Shrub.

*Pavetta olivifolia* Chiov. (?Tarena)  
CR (CRS?) [Guidotti 55 from Oddur], just S  
(Chiov. 1932).

*Pavetta platyphylla* Chiov.  
S (Cuf. 1965). Endemic.

*Pavetta sennii* Chiov. non (Chiov.) Bridson  
S (Cuf. 1965).

*Pavetta sphaerobotrys* K. Schum. ssp. *tanaica*  
(Bremek.) Bridson (prob. incl. *P.*  
*transjubensis* Chiov.; type Guidotti 222,  
Mansur on Jubba R., 2° 12' N)  
Hemming & Deshmukh JESS 86/121  
GEED CADE (HD)  
1( ) 1 S: Jubba R. at 0° 49' N. Shrub.

*Pavetta subcana* Hiern var. *longiflora*  
(Vatke) Bridson. (*P. albertina* S. Moore)  
JACJAC/JACJACLE (KH)  
AMAROY GAARE, AMEREY GARAS, AMERAY-  
GARAS (B, MOG)  
(2) CR, S. Shrub.

*Pavetta uniflora* Bremek. (*P. sennii* (Chiov.)  
Bridson, *Canthium sennii* (Chiov.) Senni,  
*Plectronia sennii* Chiov.)

*Pavetta venenata* Hutch. & Bruce s. lat.  
(prob. includes *P. pammalaka* Bremek.)  
RUGUMBAX (ROGUMBA, ROQUMBA) (G, M)  
(9) N. Shrub.

*Pavetta villosa* Vahl (*P. phillipsiae*  
S. Moore, *P. cinerascens* (A. Rich.) Chiov.,  
*P. gillilandii* Bremek., *P. gloveri*  
Bremek.)  
(3) N (mts). Endemic. Shrub.

*Pavetta wargalensis* Bremek.  
N (Cuf. 1965).

*Pentania calcicola* Verdc.  
(1) 1 CR: Hoby. Small dwarf shrub.

*Pentania longepedunculata* Verdc.  
(1) CR (incl. Cuf. 1965). (?) Small forb.

*Pentania longituba* (Franch.) Oliv. (may  
also be treated as a ssp. of *P.*  
*ouranogyne*)  
GHESSSEL (C)

(2) N; CR (CRS); also S (Cuf. 1965).  
Perennial.

*Pentania microphylla* (Franch.) Chiov.  
KURUSTUUR (KH)  
SABALDHAQ (KH)  
BERDO (G)  
(5) N; CR (Chiov. 1929). Dwarf shrub,  
pseudospinose.

*Pentania ouranogyne* S. Moore  
GERDAN\_REB (G)  
(4) N mts, S. Perennial.

*Pentania* ?n. sp.  
Gillett et al. 22180, 22205  
(2) CR. Very dwarfed shrub.

*Pentanopsis fragrans* Rendle  
JACJACLE (KH)  
SAYSAB (KH)  
BURBUR (BUR-BUR, BURR-BURR) (C, Wo)  
JAJABOD (G)  
YAGAR (L)  
1(11) CR; N (Cuf. 1965). Erect or scrambly  
dwarf shrub or shrub.

?*Pentanopsis* sp. = ?Gillett et al. 22070  
(cit?)

*Pentas bussei* K. Krause (*P. flammea* Chiov.)  
(1) S; N, S (Cuf. 1965); ?CR. Shrub or  
forb.

*Pentas glabrescens* Bak. ssp. *brevituba*  
Verdc.  
(7) N mts. (Dwarf woody) forb.

*Pentas lanceolata* (Forsk.) Defl. (*P.*  
*coerulea* Chiov., *P. verruculosa* Chiov.)  
Djibouti (Cuf. 1965).

*Pentas parvifolia* Hiern  
N (Cuf. 1965).

*Pentas pauciflora* Bak.  
N (Cuf. 1965).

*Pentas zanzibarica* (Kl.) Vatke  
Boni Forest, Kenya thus expected SW Som.

*Pentodon laurentioides* Chiov. (1929)  
(1) CR; S (Chiov. 1929). Small annual.  
Only 3 collections known; in CR know from

- pool margins[?] at Buqda Caqable & Buulo Burte. [check]
- Pentodon pentandrus* (Schum. & Thonn.) Vatke  
var. *pentandrus*  
ABDI-CAJAN (C)  
Balcaad (Chiov. 1934); N, S (Kazmi 1985). Low forb.
- Polysphaeria multiflora* Hiern ssp. *pubescens* Verdc. (*P. jubensis* Chiov., *P. lanceolata* sensu Chiov. non Hiern)  
2(0)2 S (incl. Cuf. 1965, Kazmi 1985).  
Shrub, also recorded as tree to 25m by HD.
- Polysphaeria parvifolia* Hiern  
(2) S. Shrub (small tree).
- Polysphaeria* sp. (*Canthium guidottii* Chiov., *Plectronia guidottii* Chiov.)  
Type from Mansur on Jubba R., 2°12'N.  
GEED-MADOW (GHED MIDO) (G)  
S (Cuf. 1965). This is certainly a *Polysphaeria*. Chioventa's (1932) illustration fig. 145 showing crenulate lvs is probably wrongly drawn & misleading (D. Bridson fide J.B. Gillett).
- Psychotria amboniana* K. Schum.  
Boni Forest, Kenya thus expected SW Som.
- Psychotria punctata* Vatke var. *punctata* Muq., S (Chiov. 1932). Shrub or dwarf tree.
- Psychotria riparia* (K. Schum. & K. Krause)  
Petit  
S (SRS?). [JBG]
- Psydrax graniticola* (Chiov.) Bridson  
(*Canthium graniticolum* (Chiov.) Senni, *Plectronia graniticola* Chiov.)  
DU, DHOO, DHD (B, MOG)  
(3)1 CR, S. Evergreen shrub.
- Psydrax kaessneri* (S. Moore) Bridson forma vel sp. aff. (*Canthium kaessneri* S. Moore) Gillett et al. 25083, 25300  
(2) S: 0°54'S 41°40'E, 0°12'S 41°49'E.  
(?) Evergreen shrub.
- Psydrax polhillii* Bridson  
Between Bura & Kolbio in Kenya, therefore probably also S Som.
- Psydrax recurvifolia* (Bullock) Bridson  
(*Canthium recurvifolium* Bullock)  
Boni Forest, Kenya thus expected SW Som.
- Psydrax schimperiana* (A. Rich.) Bridson  
(*Canthium schimperianum* A. Rich., *Plectronia schimperiana* (A. Rich.) Vatke)  
(1) S. Shrub.
- Pyrostria bibracteata* (Bak.) Cavaco  
(*Canthium bibracteatum* (Bak.) Hiern)  
Boni Forest, Kenya thus expected SW Som.
- Pyrostria phyllanthoidea* (Baill.) Bridson  
ined. (*Canthium phyllanthoideum* Baill., *C. bogosense* (Mart.) Penzig, *Plectronia bogosensis* Mart., *Rytigynia phyllanthoidea* (Baill.) Bullock, R. n.sp. in KTS)  
GODAURGI, GODURGI, GORURGI (MOG, G)  
(3) N (mts). Shrub.
- Rothmannia ravae* (Chiov.) Bridson (*Randia ravae* Chiov.)  
S (Cuf. 1965, FTEA). Shrub or small tree.
- Rubia cordifolia* L. ssp. *conotricha* (Gard.) Verdc.  
?N (Kazmi 1985).
- Rubia tenuifolia* Urb.  
RIMARIMA (Z)  
N (Kazmi 1985).
- Spermacoce brachyantha* Verdc.  
(incl. Gillett et al. 22090, 23434) Type loc. 7°05'N 48°52'E.  
(2) CR. Dwarf shrub.
- Spermacoce filituba* (K. Schum.) Verdc.  
(*Borreria filituba* K. Schum., ?B. *tenuiflora* Chiov.)  
1(2)1 S; NE Bay Region (O'Brien 1986).  
Annual.
- Spermacoce paolii* (Chiov.) Verdc. (*Borreria paolii* Chiov.)  
S (Cuf. 1965).
- Spermacoce pusilla* Wall.  
(1) S. Forb.
- Spermacoce ruelliae* DC. (*Borreria scabra* (Schum. & Thonn.) K. Schum.)  
(1) S (Kazmi 1985).

*Spermacoce senensis* (Klotzsch) Hiern  
(1) S. Annual.

*Spermacoce* n. sp.  
Gillett & Watson 23377  
N: coastal clifftops NE of Eil. Cushion-  
forming dwarf shrub.

*Tarenna graveolens* (S. Moore) Bremek. ssp.  
*graveolens* & ssp. *arabica* Bridson (T.  
*edgardi* Chiov., T. *boranensis* Cuf.,  
*Pavetta ligustriflora* Chiov.)

CAANAMACAYS/CAANAMACEEYE (AINO MA-AIS, AINO-  
MAYE-I) (G)

BARKO, BARO (G)

OSMANDUI (C)

HIMIR (EA)

GED\_BURED (EA)

SARORA (MOG)

1(6)7 N, CR, S. Evergreen shrub & small tree  
at mid-elevations in N, mostly semi-  
evergreen bushland in S but also on arid  
cliffs & gorges in CR.

*Tarenna nigrescens* (Hook. f.) Hiern  
(1) S. Shrub.

*Tarenna oligantha* (Schum. & Krause) Cuf.  
(possibly = T. *graveolens*)  
S (Cuf. 1965). Ellenbeck 2237, Transjuba

*Tarenna trichantha* (Bak.) Bremek.  
Boni Forest, Kenya thus expected SW Som.  
Shrub & small tree.

*Tarenna wajirensis* Bridson  
Gillett et al. 25238  
(1) S: 0°17'S 41°0'E. Evergreen shrub.

*Tarenna* n. sp.  
Herlocker S242, 349  
(1) CR. Shrub.

*Tarenna* indet.  
SAREEDEH (MAC)

*Tennantia sennii* (Chiov.) Verdc. & Bridson  
(*Tricalysia sennii* Chiov., *Xeromphis*  
*keniensis* Tennant)  
?GED-CAD (GED ADIE) (MAC)  
(3)3 S. Shrub.

*Triainolepis africana* Hook. f.

Boni Forest, Kenya thus expected SW Som.

*Tricalysia ovalifolia* Hiern  
(4) S incl. Balcad. ?Evergreen dwarf  
shrub/shrub.

*Tricalysia somalensis* Robbrecht  
S; type loc. 01°04'S 41°22'E. (?Robbrecht  
1986, p. 149)

*Tricalysia* indet.  
GEED-CAD (GED ADIE) (MAC)

*Vangueria apiculata* K. Schum.  
TIMIR-DUUR (TUNMIR-DUR) (C)  
(1) S. Shrub.

*Vangueria randii* S. Moore ssp. *acuminata*  
Verdc.  
S: NE Bay Region (O'Brien 1986). ?Evergreen  
shrub.

*Wendlandia arabica* Defl.  
BEEALS, BI-ES, BIYEIS (G)  
(4) N. Shrub or small tree.

#### EXCLUDED:

*Galiniera coffeoides* Del. GARBIS,  
SARBANDAI (G) N acc. to Glover 1947,  
actually from near Harar, Ethiopia.  
*Pavetta aethiopica* Bremek. S acc. to Kazmi  
1985.

*Pentas concinna* K. Schum. Misdets in MOG;  
this species is only in Ethiopia.

*Spermacoce somalica* (K. Schum.) \_\_\_\_\_  
(*Borreria somalica* K. Schum.) Cent.  
Ethiopia (Cuf. 1965).

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*Pterocephalus frutescens* A. Rich. (*Scabiosa*  
*frutescens* Hiern)  
BOKO TA HILA (G)  
MEDIAGANI (MOG, EA)  
NOWNLOHO (MOG, EA)  
HAGAS (EA)  
(3)8 N mts & on plains below Erigavo area.  
Dwarf shrub (not herbaceous as elsewhere).

## 238 COMPOSITAE

## Tribes:

- Acanthospermum hispidum* DC.  
EX.  
S (Kazmi 1985); Muq. (Raimondo et al. 1981).  
Annual.
- Ageratum conyzoides* L.  
EX.  
N, CR (Cuf. 1966); Merca (Pol. & Chiov. 1934). Annual.
- Artemisia abyssinica* A. Rich.  
BEETUREEN (BU-U THAREN) (G, MOG)  
JUKEN (MOG)  
1( ) N. Soft shrub.
- Aspilia ciliata* (Schum.) Wild (*A. multiflora* Oliv. & Hiern) (or misdet.)  
(1) N.
- Aspilia macrorrhiza* Chiov. (*Wedelia macrorrhiza* Chiov.)  
S (Chiov. 1932).
- Aspilia mossambicensis* (Oliv.) Wild (prob. *A. abyssinica* Oliv. & Hiern; *A. chrysops* S. Moore, *A. ritellii* Chiov., *Wedelia abyssinica* Vatke)  
FAR-DAR (MOG, B)  
DARE (C)  
SADA-SADA (C)  
LUUBAN-DUUREED (LUBAN-DUUREED) (C, SAR).  
(2) S N, CR, S. Subevergreen shrub.
- Aspilia pluriseta* Schweinf. (*A. asperifolia* Hoffm.)  
(1) N; expected SW since found in Boni Forest, Kenya. ?Woody forb (or dwarf shrub).
- Aspilia* indet. [?correct genus]
- FITOLE (MOG)
- Athrixia rosmarinifolia* Oliv. & Hiern  
?Poss. N; cited in Glover 1947.
- Athroisma lobatum* (Klatt.) Mattf. (*Polycline lobata* (Klatt.) Chiov.)
- FURBUNOLE (G)  
GEED XARAARE (MOG)  
GARAAWLE CADDE (MOG) [CR]  
1(8) CR, N; S (Cuf. 1966). Forb.
- Atractylis cryptocephala* (Bak.) F.G. Davies  
(*Carduncellus cryptocephalus* Bak.)  
N (Cuf. 1967, Kazmi 1985).
- Bidens biternata* (Lour.) Merr. & Sherff  
S (Cuf. 1967). Forb.
- Bidens pilosa* L. (*B. chirensis* (L.) Willd.,  
? *B. bipinnata* L.)  
JUGOGID (G)  
EX.  
S (Chiov. 1932); N (Cuf. 1967). Annual.
- Bidens schimperi* Sch. Bip.  
Djibouti (Cuf. 1967). Forb.
- Bidens setigera* (Sch. Bip.) Sherff  
Djibouti (Cuf. 1967).
- Blainvillea dichotoma* (Murr.) Luetzele  
Djibouti (Cuf. ).
- Blepharispermum fruticosum* Klatt. (*B. lanceolatum* Chiov.)  
HIRAN MADOOBE (KH)  
GAHAYDH/GAHAYR (GEHAIT, GEHED, GAHAIT, GERHAID, GEHAID, GEHEID) (C, G, MOG, M)  
BAANYO, BAGNI, BAMIO, BAGUI, BAMI, NAMIO, BONYA (G, B, C, Wo)  
DABLEEF (L)  
KARI, CARI (C, G)  
(7) 1 CR, S, N. Shrub.
- Blepharispermum minus* S. Moore  
S (Cuf. 1966).
- Blepharispermum pubescens* S. Moore  
S (Kazmi 1985).
- Blumea aurita* (L.f.) Wight (incl. *B. microphylla* Chiov.)  
CR (Chiov. 1929); N, S (Cuf. 1966).

- Blumea bovei* (DC.) Vatke (*B. abyssinica* Sch.Bip., *Conyza bovei* DC.)  
BE-IS, BI-ES(C, MOG)  
(2) N. ?Woody forb.
- Blumea somaliensis* Thell. (prob. = *Pluchea*)  
Ogaden, doubtfully CR (cf. Cuf. 1966).
- Brachylaena huillensis* O.Hoffm. (?*B. hutchinsii* Hutch.)  
Boni Forest, Kenya thus expected SW Som.  
Large tree.
- ?*Carduus* sp.  
(1) N mts. Forb, lvs armed.
- Carthamus persicus* Willd.  
EX?  
N (Cuf. 1967).
- Cichorium intybus* L.  
EX.  
S (Cuf. 1967).
- Conyza aegyptiaca* (L.) Dryand.  
(1) S; also N (Cuf. 1966). Annual (woody) forb.
- Conyza hochstetteri* Rich.  
N (Cuf. 1966).
- Conyza pedunculata* (Oliv.) Wild (*Nidorella pedunculata* Oliv. & Hiern)  
ADAN YALE(G), ADEI BIR(G)  
(2) N mts. Forb.
- Conyza pyrropappa* Rich.  
Djibouti (Cuf. 1966).
- Conyza stricta* Willd.  
N (Cuf. 1966).
- Conyza vernonioides* (A.Rich.) H.Wild  
(*Nidorella vernonioides* Rich.)  
Djibouti (Cuf. 1966).
- "*Conyza*"  
CADAR?(ADAR) (MOG)  
FARAHOD(MOG)  
(2) N. Evergreen shrub.
- Cotula abyssinica* Sch.Bip.  
Doubtfully N; cited in Glover 1947.
- Crassocephalum crepidioides* (Benth.) S.Moore  
N (Cuf. 1967).
- Crepis rueppellii* Sch.Bip.  
Prob. N (cf. Cuf. 1967).
- Dichrocephala chrysanthemifolia* (Blume) DC.  
N (Cuf. 1966).
- Dichrocephala integrifolia* (L.f.) O.Kuntze  
?N; cited in Glover 1947.
- Dicoma banguelensis* Busc. & Muschl. (*D. robecchii* Chiov., *D. somalensis* Engl.)  
(tax. identity uncertain)  
GEED-CAD (GHEDAD, UADAD) (C)  
CR (Cuf. 1967).
- Dicoma* (?) *gnaphaloides* Mattei (tax. identity uncertain)  
GEED-CAD (GED-AAD) (MOG)  
BISCIAR(C)  
(8) CR; S (Cuf. 1967). Dwarf shrub.
- Dicoma schimperii* (DC.) Hoffm. (*Hochstetteria schimperii* DC.)  
(2) N. Rigid forb, infl. armed.
- Dicoma somalensis* S. Moore  
CADE (ADEH, ADAH) (G, MOG)  
MA ADADI (MOG)  
(5) N; CR (CRS). Dwarf shrub.
- Dicoma tomentosa* Cass.  
S (Cuf. 1967).
- Dicoma* ?n.sp.  
Gillett et al. 22175  
CAANAXARAA(W)  
(1) CR. Dwarf shrub.
- Dicoma* ?n.sp. aff. *D. anomala* Sond.  
Gillett et al. 23263  
(1) Just S of CR. Forb.
- Dicoma* ?n.sp.  
Gillett & Watson 23375  
(1) N. Dense cushion-forming dwarf shrub.
- Echinops boranensis* Lanza (?*E. spinosus* L.)  
?KOSHESHILA(G)  
(1) N (mts). Armed forb.



*Eclipta prostrata* (L.) L. (*E. alba* (L.) Hassk.)

BEED-CAD? (GHED-AGINDI) (C)  
LILLAW (SAR)

(1) N (mts); N, CR, S (Cuf. 1967).

*Emilia abyssinica* (A. Rich.) Jeffrey (Senecio abyssinicus A. Rich.)  
S (Cuf. 1967).

*Emilia bellioides* (Chiov.) Jeffrey (Senecio bellioides Chiov.)  
(2) 1 S incl. just S. Annual.

*Emilia coccinea* (Sims) G. Don (*E. javanica* auctt., *E. sagittata* auctt.)  
N (Cuf. 1967).

*Emilia discifolius* (Oliv.) Jeffrey (Senecio discifolius Oliv.)  
Is this in N?

*Emilia somalensis* (S. Moore) Jeffrey (Euryops somalensis S. Moore)  
N Kenya & S Ethiopia (Cuf. 1967); Somalia (Jeffrey 1986).

*Epaltes gariepina* (DC.) Steetz (*E. ?alata* (Sond.) Steetz)  
[1] N mts; also CR (Chiov. 1929). Small forb.

*Erlangea benadiriana* Fiori (tax. identity uncertain)  
GHET GUMD (G)  
Expected CR acc. to ?Chiov; S (Cuf. 1966).

*Erlangea centauroides* (S. Moore) S. Moore (Bothriocline centauroides (S. Moore) M. G. Gilbert)  
ARUDOI (C)  
(2) N; N, S (Cuf. 1966); expected CR acc. to ?Chiov. Annual.

*Erlangea conica* Chiov. (tax. identity uncertain)  
GAROWLEY? (GARAULE) (G)  
Just S (Chiov. 1932). Perennial.

*Erlangea somalensis* O. Hoffm. (Bothriocline somalensis (O. Hoffm.) M. G. Gilbert)  
CAANO-KHARAARSH (HD)  
CAANO-XARAARIYE (CAANE-XARAARIYE) (MOG)  
ADAAR (MOG)

5(4) 1 N, S, CR. Forb, ?woody forb.

*Euryops arabicus* Steud. (*E. hildebrandtii* Mattf., not *E. pinifolius* A. Rich.)  
FUGHDO (MOG)

DAIEBE (MOG)

MURIAGANI, MERIGH GHANLEH, MIDIA-GANI, MEDIAGANI (G, C, MOG)

MOEDERANNE (C)

GED LABAIN (MOG)

(13) N mts. Dwarf shrub or shrub, ericad-like.

*Euryops* indet.

MEDIAGANI (MOG)

*Felicia abyssinica* A. Rich. (incl. misapplied *F. hyssopifolia* (Berg.) Nees & *F. ericifolia* (Forsk.) Mendonca; *Aster ericaefolius* Forsk., *Detris abyssinica* (Rich.) Chiov.)

HIMFIDE (MOG)

BARKWA ALLELE, BARKWA ALTELE (MOG, G)

MATHA-AD (C)

(8) N mts. (incl. Cuf. 1966). Forb, woody forb.

*Flaveria trinervia* (Spreng.) Mohr (incl. misapplied *F. australasica* Hook. f.)

CAYO/CANYO (AIYU) (G, M)

HARAME, HARAMD (MOG, EA)

HARAM SHAWAL (G)

EX(?).

(7) N, Jowhar. Low annual.

*Galinsoga parviflora* Cav.

EX.

?Poss. N; cited in Glover 1947.

*Geigeria alata* (DC.) Oliv. & Hiern

(2) N. Forb, lvs almost spine-tipped.

*Gnaphalium unionis* Oliv. & Hiern  
Cited in Glover 1947.

*Gongrothamnus plumosus* O. Hoffm. (tax. identity uncertain)

S (Cuf. 1967).

*Grangea maderaspatana* (L.) Poir.  
Merca (Pol. & Chiov. 1934).

*Guizotia schimperii* Sch. Bip.

Doubtfully N; cited in Glover 1947.

- Gutenbergia cordifolia* Oliv. (*Erlangea cordifolia* (Oliv.) S. Moore)  
1(0) Afgooye. Small annual.
- Gutenbergia pumila* Chiov.  
Expected CR acc. to ?Chiov.; Muq. (Cuf. 1966).
- Gutenbergia rueppellii* Sch. Bip. (*G. araneosa* S. Moore)  
GHET GUMO, GHET-GHUMO (C, G)  
S (Cuf. 1966).
- Gutenbergia somalensis* (O. Hoffm.)  
M. G. Gilbert (*Herderia somalensis* O. Hoffm.,  
*Triplotaxis somalensis* (O. Hoffm.) Hutch.)  
(3)1 CR; N (Cuf. 1966); expected S. Woody  
forb or dwarf shrub.
- Gutenbergia* sp.  
Gillett & Hemming 24440  
(1) NE of Muq. Low subsucculent.
- Gynura pseudochina* (L.) DC. (*G. miniata*  
Welw., *G. somalensis* (Chiov.) Cuf.,  
*Senecio somalensis* Chiov.)  
S (Chiov. 1932). Perennial.
- Haplocarpha rueppellii* (Sch. Bip.) Beauv.  
(*Landtia rueppellii* Oliv. & Hiern)  
?Poss. N - cited in Glover 1947.
- Haplocarpha schimperii* (Sch. Bip.) Beauv.  
(*Landtia schimperii* Oliv. & Hiern)  
Doubtfully N - cited in Glover 1947.
- Helianthus laetiflorus* (tax. identity  
uncertain)  
GABBALDAYE (M)  
EX?  
(1) ?Locality.
- Helichrysum arbuscula* Chiov. (tax. identity  
uncertain)  
Type:  
S (Cuf. 1966).
- Helichrysum foetidum* auctt. non (L.) Moench.  
(1) N mts. Shrub, dwarf shrub.
- Helichrysum glumaceum* DC. (*Achyrocline*  
*glumacea* Oliv. & Hiern)  
XARAASHE (KH)
- MAJINOW (MAJINO) (G, M)  
CADAR (ADAR) (MOG)  
(9) N, CR, S. Dwarf shrub or woody forb.
- Helichrysum* sp. aff. *glumaceum* DC.  
Gillett & Hemming 24568  
(1) CR: Ris, 3°23'N 46°38'E. Forb, ?may  
clamber.
- Helichrysum hochstetteri* (Sch. Bip.) Moeser  
(*Gnaphalium hochstetteri* Sch. Bip.,  
*Achyrocline hochstetteri* Sch. Bip.)  
Cited in Glover 1947.
- Helichrysum pumilum* (syn?)  
Lavranos & Carter 23125  
(0)1 Just S. Small dwarf shrub, pale gray  
or blue-gray.
- Helichrysum schimperii* (A. Rich.) Moeser  
N (Cuf. 1966).
- Helichrysum somalense* Bak. f.  
CAAW XARAARSHE (KH)  
CANOXARASHE (KH)  
BURDUT (MOG)  
COKAD (MOG)  
GHURRI (MOG)  
GEED-QODXEED (GEDGOHED) ['the thorny plant' -  
though unarmed!]  
FOOD-CADE (FOD-ADDE) (C)  
GED-LABAIN-AD (C)  
(18) CR; N, S (Cuf. 1966). Dwarf shrub.
- Inula confertiflora* A. Rich.  
Doubtfully N; cited in Glover 1947.
- Inula decipiens* E. A. Bruce  
N (Cuf. 1967).
- Inula somalensis* Vatke  
FOOD-CADE? (FARRE-ODD) (C)  
N (Cuf. 1967).
- Iphiona microphylla* Vatke (tax. identity  
uncertain)  
N (Cuf. 1967).
- Iphiona phillipsiae* (S. Moore) A. Auderb.  
(*Pulicaria phillipsiae* S. Moore)  
N[NW] (Cuf. 1967).

- Iphionopsis rotundifolia* (Oliv. & Hiern)  
Auderberg (*Iphiona rotundifolia* Oliv. & Hiern)
- ~~GASABEY/GASABO/GOGOBO/GOGOBOD/GOGOBE~~  
(GEGABUT, GAGABOOD, GAGABOD, GAGABOOD, GEGEBOOD, GEDO ABOR, GEGABAUT, GEGABOT, DAGABOOT, GAGABOOT, GAGABUD, GOGOBOT)  
(C, G, L, MOG, M, KH, NWR, MIS)
- ~~GEED-GOBOD~~ [or perhaps ~~GAGABOD~~] (GED-GABOD, GEDGABOT) (C)  
(17) CR, N. Aromatic dwarf shrub.
- Jurinea monocephala* Ait. & Hemsl.  
(4) N mts. Forb, phyllaries spine-tipped.
- Kleinia dolichocoma* Jeffrey  
Som. (Jeffrey 1986); type from E Kenya.
- Kleinia grantii* (Oliv. & Hiern) Hook. f.  
(*Notonia grantii* Oliv. & Hiern, *Notoniopsis grantii* (Oliv. & Hiern) B. Nord.; misapplied *K. semperviva* (Forsk.) DC., *Notonia semperviva* (Forsk.) Asch.)  
N, S (Kazmi 1985).
- Kleinia lunulata* (Chiov.) Jeffrey ined.  
(*Notonia lunulata* (Chiov.) Chiov., *Moradenium lunulatum* Chiov.)  
Type from Beledweyne (Cuf. 1956?).  
BUSUNBUS (KH)  
GUSSDURUEI (G)  
AWEELIA (W)  
(3) CR; N, S (Cuf. 1967). Armed seemingly leafless creeping succulent.
- Kleinia odora* (Forsk.) DC.  
WISIL (MISSIL) (C)  
(2) N, CR; S (Cuf. 1967). Succulent shrub, may be vine-like.
- Kleinia pendula* (Forsk.) DC. (*Notonia pendula* (Forsk.) Chiov., *Senecio pendulus* (Forsk.) Sch. Bip., *S. gunnisii* Bak.)  
RIYO-JACAYL (HRIA JA-AL, HRIYO JA-AL, RIYO-JA-AL) (G)  
KHABSEN (G)  
HADOLI (C)  
(1) N; also S (Cuf. 1967). Succulent.
- Kleinia* sp. aff. *pendula* (Forsk.) DC.  
(*Monadenium subulifolium* Chiov.)  
RIYO- (RIO HONO, RIO-HONE) (C, G)  
CR (Chiov. 1929). Succulent.
- Kleinia polytoma* Chiov.  
MIRHIG (C)  
(1) CR (CRS); N (Chiov. 1929). Fleshy stiff-branched shrub.
- Kleinia squarrosa* Cuf. (incl. misapplied *K. kleinioides* (Sch. Bip.) M. R. F. Taylor & synonyms *K. longiflora* DC., *Senecio longiflorus* (DC.) Sch. Bip. var. *violaceus* (Berger) Hutch. & Bruce)  
LAMAX (LAMAM, LAMAGH, LAMAH-AIN) (G, MOG, M, C)  
WIRIB (G)  
WEES (UAS) (C)  
WISIL (KH, L)  
GODDAR (GODAR, GODDAR, GODOR) (C, G, M)  
(7) CR, N; also S (Cuf. 1967). Shrub-like succulent, spreading & climbing slightly.
- Kleinia triantha* Chiov.  
GODDAR (GUDOR) (MOG)  
(7) N, CR; S (Cuf. 1967). Succulent (weak scrambling) shrub.
- Kleinia* sp.  
Kuchar 16255  
(1) CR: 15 km E of Buulo Burte. Succulent shrub.
- Kleinia* (*Notonia*) indet.  
XAMAKOW (HAMAKO) (C)  
GEED AFOOW (SAR)
- Lactuca inermis* Forsk. (*L. capensis* Thunb.)  
N (Cuf. 1967).
- Lactuca remotiflora* DC. (tax. identity uncertain)  
S (Cuf. 1967).
- Lactuca serriola* Torner (*L. scariola* L.)  
EX?  
Muq. (Kazmi 1985).
- Lactuca* indet.  
WANSHAGAAR/WANSHIGAAR (L)  
HARAMA CAANDOLE (L)
- Laggera decurrens* (Vahl) Hepper & Wood  
(*Blumea gariepina* DC.)  
N (Cuf. 1966, Kazmi 1985).
- Launaea benadirensis* Chiov. (*L. pumila* Chiov.)

- (1) Muq.; CR (Chiov. 1929). Small (?woody) forb.
- Launaea cornuta* (Oliv. & Hiern) Jeffrey (L. *farinulenta* Chiov., *Sonchus exauriculatus* (Oliv. & Hiern) O. Hoffm.)
- KAB LA' RAAR (M)  
BUN SHUGAAR (B)  
WANSHIGAAR/WANSHAGAAR (WAA SHAGAR, WASHAGA, WAMSHAQAAR, UNGIAGAR) (C, MOG, B)  
KABLE (KABALO CAREER, KABLA RAR) (G, MAC)  
ANA-ARARSCE (C)  
BURDAB/BURDADDO? (BURDET) (C)  
2(1)1 S, Afgooye; also N (Cuf. 1967).  
Forb.
- Launaea crassifolia* (Balf. f.) Jeffrey  
(*Lactuca crassifolia* Balf. f.)  
(1) N. Small forb.
- Launaea cufodontii* Lanza  
(1) N.
- Launaea hafunensis* Chiov.  
BURDAB/BURDADDO? (BURDUT, BURDET) (C, MOG)  
BURDET KUWENE (MOG)  
(11) CR; N (Cuf. 1967). Dwarf shrub or woody forb.
- Launaea intybacea* (Jacq.) Beauv. (*Lactuca goreensis* (Lam.) Sch. Bip., & these misapplied taxa: *L. procumbens* (Roxb.) Tackholm & *L. nudicaulis* (L.) Hook. f. in Cuf. 1967, *L. taraxacifolia* (Willd.) Jeffrey)  
BURDAB/BURDADDO? (BURDEH, BURDED, BURDUD) (G, MOG, G, M)  
BURDET KUWENE (MOG)  
KABLAROR (C)  
KABLE (COBLE, CABLE) (C, MOG)  
WARAMA CAANOOLE (MOG)  
WANSHAQAAR/WANSHIGAAR (UAN-SCIACOR) (G, MOG)  
SUN-QARAAR (SUN KAROR, SUN-KARAR) (G, C)  
(13) CR, N, Muq.; S (Raimondo et al. 1981).  
Annual.
- Launaea massauensis* (Fres.) O. Kuntze  
(*Lactuca pseudoabyssinica* Chiov.)  
N (Cuf. 1967).
- Launaea nigricola* Jeffrey  
(2) Afgooye, S. Forb.
- Launaea sarmentosa* (Willd.) Kuntze (L. *bellidifolia* Cass.)  
XARIG-XARIG/XADHIG-XADHIG (XIRIGXIRIG, HARIG-HADIG, HADIG-HADIG, HADIK-HADIK) (G, MOG, M)  
(1) N; S (Cuf. 1967). Forb.
- Microglossa* sp. (M. ?*elliotii* S. Moore)  
LAF (LAFO) (G, M)  
(1) N mts. Tree.
- Osteospermum muricatum* DC.  
(1) N mts. Woody forb.
- Osteospermum vaillantii* (Decne) T. Norl.  
(*Tripterys vaillantii* Decne)  
UDO-ON (C)  
(1) N mts. Forb.
- Pegolettia senegalensis* Cass.  
(1) N mts. Forb, woody forb?
- Pentzia somalensis* Gilliland  
GUMRAY (C)  
(4) N mts. (Aromatic) dwarf shrub.
- Piloselloides hirsuta* (Forsk.) Jeffrey  
(*Gerbera piloselloides* Cass.)  
(1) N (Glover 1947, K). Forb.
- Pluchea dioscoridis* DC. incl. var. *glabra*  
Oliv. & Hiern  
BI-ES, BIYEIS (G, MOG)  
IRMANAIYE (MOG)  
GEED-JINNI (GHET GINI) (G)  
KABLE (KABBLE) (C)  
(2) N (mts); also S (Chiov. 1932).  
Aromatic shrub.
- Pluchea heterophylla* Vatke (tax. identity uncertain)  
CADAR-BACIID (ADAR-BEHID) (G)  
N (Cuf. 1966).
- Pluchea nogalensis* Chiov. (tax. identity uncertain)  
N (Cuf. 1966).
- Pluchea ovalis* (Pers.) DC.  
ROLE ISS (MOG)  
BI-ES, BIYEIS (G)  
(2) S, N. Shrub.
- Pluchea pinnatifida* Hook. f.  
DAGABOOT, GAGABOOT (C)

GONGAWEINE (C)

- (2) N. Viscid dwarf shrub, aromatic strong unpleasant odor.

*Pluchea pteroclada* Chiov.  
S (Cuf. 1966).

*Pluchea sarcophylla* Chiov.

BI-ES, BIYEIS (G)

- (6) CR, N (incl. Cuf. 1966). Prostrate or erect dwarf shrub (woody forb?).

*Pluchea serra* Franch.  
N (Cuf. 1966).

*Pluchea* ?n. sp.

Lavranos & Carter 23503

- (1) N: 8° 03' N 49° 57' E. Succulent.

*Prenanthes somaliensis* Jeffrey  
(1) N mts. Woody forb?

*Psiadia abyssinica* (tax. identity uncertain; maybe = *P. punctulata*)

- (2) N mts. Shrub, dwarf shrub.

*Psiadia incana* Oliv. & Hiern  
LO' SUBKE (LO-OSUBAGLE, LO-OSUBAK,  
LOSUBKEH) (G, M)

LUJIGI (KTS)

DUWE-GURKAJIO (KTS)

GAMIR KA-MA (MOG, B)

DAANYO, DAIYA (MOG)

MIDIA GANI (G)

- (6) S, N. Dwarf shrub, shrub.

*Psiadia punctulata* (DC.) Vatke (*P. arabica*  
Jaub. & Spach)

NERIAGANI (MOG)

HAS-CHAD (C)

MIDIR-GUNI, MIDIA-GANI (MOG, G, C)

MIRRU SENI (C)

WEYLA-SUBKE (WAILA-SUBKE, WEILA SUBKI) (G, C)

LO' SUBKE (WELLESUBKAY, LOSABUK, LOSUBKEH)

(G, MOG, M)

- (3) N mts. Shrub.

*Pulicaria albida* Gamal-Eldin

Type: Hemming 2196, also Hemming 1576,  
Glover & Gilliland 116

N (Gamal-Eldin 1981, p. ).

*Pulicaria argyrophylla* Franch.

DADAR (C)

- (5) N incl. Eil. Dwarf shrub.

*Pulicaria attenuata* Hutch. & Burt

- (1) N. Woody forb, dwarf shrub.

*Pulicaria aualites* Chiov.

[Beckett 755, Bally & Melville 15472/A]

N (Cuf. 1967).

*Pulicaria aylmeri* Bak.

FOOD-CADE (FORD' AD, FODHADE, FORDA' AD) (G, MOG, M)

- (1) N. Dwarf shrub.

*Pulicaria confusa* Gamal-Eldin

Type: Hemming 1356 [or 1687?]; also

2007, 2033, Hansen & Heemstra 6151, Bally

9608, 116157[?], Peck 3, Carter 834,

Gillett et al. 21946

- (4) N, CR. Aromatic dwarf shrub, lvs  
?succulent.

*Pulicaria crispa* (Forsk.) Oliv. ssp.

*tomentosa* Gamal-Eldin (*Francoeuria crispa*  
(Forsk.) Cass.)

- (1) N of Jowhar; N, S (Cuf. 1967), CR (K or  
Gamal-Eldin 1981). Dwarf shrub.

*Pulicaria dumulosa* Gamal-Eldin

?N (Gamal-Eldin 1981, p. ). Type only:  
Bally & Melville 15458.

*Pulicaria* n. sp. aff. *P. crispa* (Forsk.)  
Oliv.

CADAR-BACIID? (ADAR BE-ID) (G)

- (6) CR, ?other. Dwarf shrub rarely woody  
forb.

*Pulicaria glutinosa* (Boiss.) Jaub. & Spach

ssp. *somalensis* Gamal-Eldin

- (4) N. Viscid dwarf shrub.

*Pulicaria grantii* sensu Engl. & Cuf. prob.  
non. Oliv. & Hiern

CR or just S (cf. Cuf. 1967). Robecchi-  
Bricchetti s.n., Obbia-Uarandi.

*Pulicaria questii* Rech. & Rawi

Glover & Gilliland 1111

N: Nogal Valley.

*Pulicaria incisa* (Lam.) DC. (*P. undulata*  
sensu C. A. Mey.)

- ?S (Cuf. 1967).

*Pulicaria inuloides* (Poir.) DC.  
N (Cuf. 1967).

*Pulicaria jaubertii* Gamal-Eldin  
Ogaden, maybe expected CR (cf. Gamal-Eldin  
1981, p. ).

*Pulicaria kurziana* Vatke  
[Hemming 2107, Popov 1159]  
(3) N. Viscid aromatic dwarf shrub.

*Pulicaria migiurtinorum* Chiov.  
[Hemming 1830]  
N (Cuf. 1967).

*Pulicaria monocephala* Franch.  
Bally & Melville 15657, 15769  
CADAR (HADAR) (C)  
(4) N. Succulent-lvd viscid aromatic dwarf  
shrub.

*Pulicaria petiolaris* Jaub. & Spach  
(2) N (mts). Woody forb.

*Pulicaria renschiana* Vatke  
(3) N mts. Viscid woody forb, ?shrub, rank  
odor.

*Pulicaria schimperi* DC. (*P. rueppellii*  
Rich.)  
(2) CR, N. Dwarf shrub (with sweet odor) or  
(woody) forb.

*Pulicaria sericea* Gamal-Eldin  
N (Gamal-Eldin 1981, p. ). Type only:  
Bally & Melville 15929.

*Pulicaria somalensis* O. Hoffm. ssp.  
*somalensis*  
CADAR (ADAR) (MOG, G)  
ANDIDOWA (MOG, G)  
LEBI-GERA (C)  
(2) N; also Djibouti (K). Aromatic dwarf  
shrub.

*Pulicaria steinbergii* Gamal-Eldin  
NE (Gamal-Eldin 1981, p. ).

*Pulicaria* indet.  
~~RIHAN-GUDUUD~~? (RIHAN GEDUD) (MOG)  
~~CAANO-~~ (AANA KHARASHE) (MOG)  
GOYAN-WEYN (MOG)

*Reichardia tingitana* (L.) Roth

N (Cuf. 1967).

*Sclerocarpus africanus* Murr.  
S (Chiov. 1932).

*Sclerostephane adenophora* (Franch.) Chiov.  
FARAHAUD (MOG)  
CADAR (HADAR) (C)  
(6) N. Viscid dwarf shrub.

*Sclerostephane collenettei* Wagenitz & Gamal-  
Eldin  
N (Wagenitz & Gamal-Eldin 1983).

*Sclerostephane discoidea* Chiov.  
N (Cuf. 1967).

*Sclerostephane hildebrandtii* (Vatke) Gamal-  
Eldin (*Pulicaria hildebrandtii* Vatke)  
FARRE-ODD (C)  
N (Cuf. 1967).

*Sclerostephane longifolia* Wagenitz & Gamal-  
Eldin  
N (Wagenitz & Gamal-Eldin 1983).

*Senecio basipinnatus* Bak.  
N (Cuf. 1967).

*Senecio hadiensis* Forsk. (*S. petitianus*  
A. Rich.)  
Somalia (Jeffrey 1986).

*Senecio lyratus* Forsk. (*Cineraria*  
*lyratipartita* (A. Rich.) Cuf., *C. schimperi*  
Oliv. & Hiern, ?*C. kilimandscharica*)  
(2) N mts. Scandent perennial.

*Senecio myriocephalus* Rich.  
GAWE (G:Galla)  
?Poss. N - cited in Glover 1947.

*Senecio nogalensis* Chiov.  
N (Cuf. 1967).

*Senecio schimperi* Rich.  
DHALOOL DAAYEER (DALOL DAIYER) (G)  
?Poss. N - cited in Glover 1947.

?*Senecio* sp. (doubtful!)  
MANJAAS (MOG)  
LAMAX (M)  
(1) N. Dwarf shrub.

*Sigesbeckia abyssinica* (Sch.Bip.) Oliv. & Hiern  
Doubtfully N - cited in Glover 1947.

*Solanecio angulatus* (Vahl Jeffrey  
(*Crassocephalum bojeri* (DC.) Robyns,  
*Senecio subscandens* Hochst.)  
DHALOOL DAAYEER (DALOL-DAIYER) (G, C)  
MANTARAR (C)  
(1) N mts. Sprawly climber.

*Sonchus asper* (L.) Hill  
EX?  
N (Cuf. 1967).

*Sonchus* sp.  
GHUDESAN (MOG)  
(1) N mts. Rosette forb.

*Sphaeranthus africanus* L.  
S (Cuf. 1966).

*Sphaeranthus angolensis* O.Hoffm. (*S. indicus*  
L. sensu Chiov.; *S. hirtus* Willd.)  
NUCHE (C)  
(4) S; CR (Chiov. 1934). Aromatic woody  
forb, dwarf shrub.

*Sphaeranthus polycephalus* Oliv. & Hiern  
Expected CR acc. to Chiov.; S (Cuf. 1966).

*Sphaeranthus suaveolens* DC.  
ALA SHIEN (G)  
Maybe expected N; cited in Glover 1947.

*Sphaeranthus ukambensis* Vatke & Hoffm. (*S.*  
*stenostachys* Chiov.)  
SIRMAKOODY (MOG)  
RIIXAAN/REEXAAN (RIHAN) (G)  
AGIN (C)  
(3) CR, just S. Aromatic woody forb, dwarf  
shrub.

*Sphaeranthus* indet.  
TUURROW, TU. RU (B)

*Spilanthes mauritiana* (Pers.) DC.  
?Poss. N; cited in Glover 1947.

*Tagetes minuta* L.  
SEED GADHILUN (MOG)  
SUN GORMUN (MOG)

+ Ross Craig 1962?

EX: weed.  
(4) N. Aromatic annual.

*Tarchonanthus camphoratus* L.  
ADADI (G)  
MARO-CAD (MARO-AD, MODED-ADD) (C, G)  
WAXARAKACADDE/WAXARAKACADDEEYE (WAHARAK-  
ADO) (G)  
GURION (MOG)  
DAIR (C)  
(8) N mts. Aromatic tree.

*Tolpis somalensis* Fries (tax. identity  
uncertain)  
BURDAB/BURDADDO (BURDED) (C)  
N (Cuf. 1967).

*Tridax procumbens* L.  
YAGAR (B)  
EX: weed.  
1(0) Afgooeye. Perennial with creeping &  
ascending stems.

*Vernonia amygdalina* Del.  
DUMOGA (G)  
?Poss. N - cited in Glover 1947.

*Vernonia anthelmintica* (L.) Willd. (*V.*  
*stenolepis* Oliv.)  
S (Cuf. 1966).

*Vernonia arabica* F.G.Davies  
(1) N. Dwarf shrub. (Davies 1978, p.778).

*Vernonia aschersonioides* Chiov. (tax.  
identity uncertain)  
N (Cuf. 1966).

*Vernonia cinerascens* Sch.Bip.  
XAMUR (KH)  
SARARACADDEEYE (KH)  
UL DHIIG (B)  
HIIL (HEEL, HIL, MIIL) (G, EA, L, MOG)  
TARAO (MOG)  
SEED-CAD (W)  
TORAU MAGIFI (EA)

2(17)18 CR, N, S. Dwarf shrub & shrub,  
sometimes slightly scambly.

*Vernonia cinerea* (L.) Less.  
SIR-MOKAAY/SIR MAKAAAY (HD)  
2(4)2 S; Merca (Pol. & Chiov. 1934). Woody  
forb or annual forb.

*Vernonia cryptocephala* Bak. incl. var.  
*concinna* Airy-Shaw  
 (1) N mts. Dwarf shrub.

*Vernonia galamensis* (Cass.) Less. (V.  
*pauciflora* (Willd.) Less.)  
 (1) S.

*Vernonia gomphophylla* Bak. (tax. identity  
 uncertain)  
 N (Cuf. 1966).

*Vernonia hildebrandtii* Vatke (Gongrothamnus  
*hildebrandtii* (Vatke) Oliv. & Hiern)  
 MA-GABE? (MACCIABE) (C)  
 FIIDE-FIIDE (FID-FIDE) ['flower-flower'] (C)  
 SAVEI-SAILI (C)  
 SUNBUL (HD)  
 2(1)2 S, CR; Balcad (Chiov. 1934). Shrub.

*Vernonia homilantha* S. Moore  
 (1) S: 1°02'S 41°50'E. Scrambling shrub.

*Vernonia kotschyana* Sch. Bip.  
 N (Cuf. 1966).

*Vernonia leopoldi* (Sch. Bip.) Vatke  
 N (Cuf. 1966).

*Vernonia mogadoxensis* Chiov.  
 GEGEBBO (MOG)  
 GAB-GAB (C)  
 I(0) N; Muq. (Cuf. 1966). Shrub (dwarf  
 shrub?).

*Vernonia phillipsiae* S. Moore  
 (1) N. ?Dwarf shrub.

*Vernonia sennii* Chiov. (tax. identity  
 uncertain)  
 S (Cuf. 1966).

*Vernonia somalensis* Franch. (tax. identity  
 uncertain)  
 (1) N; CR (CRS). Dwarf shrub.

*Vernonia spatulata* (Forsk.) Sch. Bip.  
 (2) N. Dwarf shrub.

*Vernonia tephroides* Chiov. (tax. identity  
 uncertain)  
 S (Cuf. 1966).

*Vernonia uncinata* Oliv. & Hiern (V.  
*amplexicaulis* Bak.)  
 FOOD-CADE (FODADEH) (G, M)  
 N (Cuf. 1966).

*Vernonia* sp. 'C' of UKWF  
 Gillett & Hemming 24812 (2°58'N 41°02'E).  
 S (Kazmi 1985).

*Vernonia* n. sp.  
 Bally & Melville 15810  
 (1) N mts. Dwarf shrub.

*Vernonia* n. sp.  
 Gillett 22536, Raimondo 1/2, Lavranos &  
 Carter 23200  
 (1) Muq. Shrub.

*Vernonia* sp.  
 Thulin 5635  
 (1) CR: 10 km SW of Galkcayo. Dwarf shrub.

*Vernonia* indet.  
 ANADIGLI (MOG)

*Vicoa* ?n. sp.  
 Hemming 1809, etc.  
 CADAR (ADAR) (C)  
 (3) N. Dwarf shrub.

*Vicoa* n. sp. [same as preceding?]  
 Beckett 1086, Lavranos & Carter 24718  
 (1) N mts. (Woody?) forb.

*Volutaria abyssinica* (A. Rich.) Jeffrey  
 (maybe = *V. lippii* (L.) Maire)  
 (3) N. ?Woody forb.

*Volutaria lippii* (L.) Maire  
 Djibouti (Jeffrey 1968).

*Volutaria somalensis* (Oliv. & Hiern) Jeffrey  
 (*Centaurea somalensis* Oliv. & Hiern)  
 N (Cuf. 1967).

*Xanthium pungens* Wallr.  
 EX?  
 (1) N. Forb.

EXCLUDED:

*Bidens macroptera* (Chiov.) Mex. (B.  
*macrantha* (Sch. Bip.) Cuf.)



*Bidens somaliensis* Sherff S Ethiopia  
(Cuf. 1967), apparently not Somalia  
despite specific epithet.  
*Carduus leptacanthus* Fres. (N acc. to  
Glover 1947) [syn?]  
*Cirsium vulgare* (Savi) Tenore (Cnicus  
lanceolatus Willd.) EX? N acc. to Glover  
but doubtful.  
*Euryops pinifolius* A. Rich. (actually *E.*  
*arabicus* Steud.)  
*Flaveria australasica* Hook. f. (actually *F.*  
*trinervia*)  
*Gerbera* sp. (probably *Piloselloides*)  
*Iphiona senecioides* (Bak.) A. Anderb.  
(*Grantia senecioides* Bak.)  
*Kleinia auteuphorbium* (L.) DC. (misapplied  
for *K. odora* (Forsk.) DC.)  
*Notonia semperviva* (Forsk.) Asch.  
*Sigesbeckia somalensis* S. Moore (tax.  
identity uncertain). N Ogaden only (cf.  
Cuf. 1966).

### 239 GENTIANACEAE incl. MENYANTHACEAE

*Centaurium pulchellum* (Sw.) Druce  
N (Cuf. 1960). Small forb (corolla pink).  
*Enicostema axillare* Lam. [or (Lam.) A. Rayn.]  
ssp. *axillare* & ssp. *latilobum* (N.E.Br.)  
A. Rayn. (*E. latilobum* N.E.Br., *E. litorale*  
Blume)  
~~XASHASH?~~ (HASHASH) (MOG)  
JICAAL MAKREEN (HD)  
EJOLE, ESOLE (C)  
2(2)6 N, S. Annual (corolla white), a weed  
of cultivated alluvium & swamp edge.

*Nymphoides* (*Limnanthemum*) sp.  
Gillett et al. 25021  
(0)1 S: 4 km N of Goba: 0°42'S 41°42'E.  
Rooted aquatic with floating leaves. Has  
been placed in the segregate fam.  
Menyanthaceae.

*Sebaea grandis* (E. Mey.) Steud.  
(1)1 CR. Small slightly succulent forb  
(corolla yellow). In CR found at foot of  
sand dunes 7 km W of Haghadera, 4°40' &  
42'N 47°51'E, a very unusual habitat for  
this typically mid-elevation herb of E.  
Africa.

### 240 PRIMULACEAE

FTEA 1958

*Anagallis arvensis* L. ssp. *arvensis*  
(0)4 N mts. Prostrate or ascending annual  
*Cyclamen* n. sp.  
Thulin \_\_\_\_\_  
N mts: Al Meskat c11°05'N 49°55'E  
*Primula verticillata* Forsk. ssp.  
*verticillata* (*P. simensis*)  
GEED-CAD (GED AD) (Z)  
N mts (K); also Yemen, Ethiopia (EA).  
Perennial.  
*Samolus valerandi* L.  
IRMANAIYAI (C)  
HAYAB (Z)  
N (Cuf. 1960). Subaquatic annual.

EXCLUDED: *Lysimachia ruhmeriana* Vatke (L.  
*africana* Engl.) Cited in Glover 1947.

### 240a CORIDACEAE

*Coris monspeliensis* L. var. *longinqua* Airy-  
Shaw  
(1)5 N mts. Small annual woody forb or  
dwarf shrub, calyces weakly armed.  
Locally very common in rocky place.

### 241 PLUMBAGINACEAE

FTEA 1976

*Ceratostigma abyssinicum* (Hochst.) Schweinf.  
& Aschers. (*C. speciosum* Prain)  
DHANAANEYE (DANANEYEH, DANANEYE) (G, MOG)  
CALEEN-DAMEER (ELANDABERA, ELAN DABERA, ELAN  
DAMER, ELAN DAMERAT, ELAN DABERA) (G, MOG)  
ARABJEP, ORIB JEB, ARAP JEP (G, MOG)  
MIRAI ARLEB, MUDIU ARBED, MIRIU ARBED (G, EA)  
CHIBAB (EA)  
GABQ ERDI (EA, MOG)  
1(15)21 N mts, where common & conspicuous  
thanks to its blue fl. Armed dwarf shrub  
shrub.

*Limonium axillare* (Forsk.) O. Kuntze (*Statices axillaris* Forsk.)

CAWS-BIYOOD (AUS-BIOD) (C, M)

HARLI (MOG)

DABAYOOD (DAN-BA-YOD, GAMBAYOD, GAMBAYOT) (MOG, EA)

FEDAWEIN (G)

CALEEN-DAMEER (ELAN DABERA, ELAN DAMER, ELAN DAMERAT) (G)

HABO, HARBO, HABU (G, EA)

DARKEN (C)

CUSBOOLE (USBOLE, OSBALE) (EA)

DINAAS (DINAS) (EA)

DEGA SALIRI/EJBA (MOG)

(11) 16 CR, N. Succulent-lvd dwarf shrub.

*Limonium carinense* (Chiov.) Cuf. (*Statices carinensis* Chiov.)

CUSBOOLE (OUSE BALOLOL, CUSBOOLOHO, USPOL, OUSE BOLOLO, CUSBOOLOHO) (C, MOG, EA)

CAWS-BIYOOD (AUS BYOD) (EA)

(3) 5 N. ?Subsucculent dwarf shrub.

*Limonium cylindrifolium* (Forsk.) Cuf.

DARAN (DARRAN, DARAU) (G, M, W, EA)

DARAN-DAWACO (W)

DABAYOOD (GAMBAYOT) (C)

DINAAS (DINAS) (EA) -

DARAN GEEL (DARRAN GEL) (EA)

2(9) 20 CR, N, (?) S. Succulent-lvd dwarf shrub.

*Limonium distichum* Wilmot-Dear

DARAN-DAWACO (M)

(1) 5 N, CR, S. Succulent-lvd dwarf shrub.

*Limonium kossmatii* (Wagn. & Vierh.) Cuf.

(0) 1 NE. Cushion-forming succulent-lvd dwarf shrub.

*Limonium ?maurocordatae* (Schweinf. & Volk.) Cuf.

(1) 1 N; S, maybe CR (cf. Cuf. 1960).

(?) Succulent dwarf shrub.

*Limonium migiurtinum* (Chiov.) Maire

(? *Limoniastrum migiurtinorum* (Chiov.)

Moire, *Bubania migiurtinorum* Chiov.)

(5) 7 N incl. Eil. Succulent-lvd dwarf shrub with armed fr.

*Limonium nogalense* (Chiov.) Cuf. (*Statices nogalensis* Chiov.)

(0) 3 N: at Eil. Succulent-lvd dwarf shrub.

*Limonium* sp. aff. *L. nogalense* (Chiov.)

Verdc. & Hemming (*Statices nogalensis* Chiov.)

(1) N of Eil. Dwarf shrub.

*Limonium somalorum* (Vierh.) Hutch. & Bruce

DABAYOOD (DOMBAYOD, DUMBAYOD) (G, M)

DINAAS (DINAS) (MOG, M)

DARAN (G, M)

DARAN MILLEH? (DARRAN MILLEH) (MOG)

CUSBOOLE (OSBALE) (MOG)

HABO (MOG)

(10) 11 N, maybe reaches CR [to 8° 23' N 49° 06' E]. Succulent-lvd dwarf shrub.

*Limonium teretifolium* (Oliv.) Cuf.

N (Cuf. 1960).

*Limonium xipholepis* (Bak.) Hutch. & Bruce

DABAYOOD (DOMBAYOD, DUMBOYOD) (G, M, EA)

(2) 1 NW. Succulent-lvd dwarf shrub.

*Limonium* indet.

?DARAN GEEL (M)

DARAN (DARRAN) resembles *L. cylindrifolium*.

CUSBOOLE (USBALEH) resembles *L.*

*migiurtinum*. HABO - a kind of DARAN, &

DARAN or DARAN GEEL [ daran of the camel]

- both are or near *L. somalorum*. DINAS is a kind of DARAN ('salt bush').

*Plumbago capensis* Thunb. (*P. auriculata* Lam.)

EX.

(1) N. Scrambling softly woody shrub.

*Plumbago stenophylla* Wilmot-Dear Boni Forest, Kenya thus expected SW Som.

*Plumbago zeylanica* L.

?MARDAF (MOG)

ELKUS (G), MARTUS (G)

LALEUA (C)

1(2) 4 N, S, Balcad. Weakly erect or slightly scrambly shrub or woody forb.

*Plantago afra* L. var. *stricta* (Schousb.)  
Verdc. (*P. psyllium*)  
(0)1 N mts. Stemless annual.

*Plantago albicans* L.  
N (Cuf. 1965).

*Plantago lanceolata* L.  
(0)2 N. Stemless perennial, but the Som.  
plants look annual.

*Plantago salina* Decne. (syn?)  
(2) N. (?)Annual.

#### 243 CAMPANULACEAE FTEA 1976

*Campanula edulis* Forsk. (*C. quartiniana*  
A.Rich., *C. rigidipila* A.Rich., *C. sp. 'B'*  
of UKWF)  
(0)2 N mts; also Djibouti (Cuf. 1965).  
Perennial.

*Wahlenbergia abyssinica* (A.Rich.) Thulin  
ssp. *abyssinica* (*Lightfootia abyssinica*  
A.Rich.)  
(2) N mts. Sprawly perennial.

#### 243A SPHENOCLEACEAE

*Sphenoclea zeylanica* Gaertn.  
(0)1 S. Subaquatic annual. Common in E  
Tanzania but apparently very rare in Som.  
& Kenya.

#### 244 LOBELIACEAE FTEA 1984

*Cyphia glandulifera* A.Rich.  
~~RAFTA-CAWL?~~(RAFTA AUL)(MOG)  
GARA-GUMBI(C)  
(1)3 N,S. Perennial with tuber. [gypsum in  
N, clay in Baidoa]

*Lobelia erinus* L. (*L. senegalensis* DC.)  
N (Cuf. 1965).

*Lobelia fervens* Thunb. (*L. [heyneana* Roem. &  
Schult., L.] *trialata* D.Don var.  
*grandiflora* Chiov., L. 'anceps' of E.  
Afr.)  
S (Cuf. 1965). Straggly or prostrate forb.

EXCLUDED: *Monopsis stellarioides* (Presl)  
Urb. (*Lobelia stellarioides* (Presl)  
Hemsl.) N acc. to Glover 1947.

#### 245 GOODENIACEAE FTEA 1978

*Scaevola plumieri* (L.) Vahl  
HELU(  
1(4)2 Coastal CR; N,S (Kazmi 1985).  
Evergreen succulent-lvd shrub. Common all  
along coast between Baraawe & Ras Daay  
(EA).

#### 249 BORAGINACEAE (incl. WELLSTEDIACEAE)

*Arnebia hispidissima* (Lehm.) DC. (*A.*  
*asperrima* (Del.) Hutch. & Dalz.)  
GURTAANYA(M)  
XAJIIMALEH(M), XAJIIMOOLE(Ali 1986), HAJI  
MALI(MOG)  
FOOD-CADE (FODADAH, FOD-ADDA) (C)  
(3) N. Forb.

*Arnebia* sp. ?aff. *A. hispidissima* (Lehm.)  
DC.  
(1) CR. ?Woody forb.

*Arnebiola migiurtina* Chiov.  
N.

*Boureria lyciacea* Thulin (1987)  
Deshmukh JESS 259  
HIMIR(HD)  
(2) S: Jubba Valley. Dwarf shrub/shrub,  
branches scandent.

*Boureria orbicularis* (Hutch. & Bruce) Thulin  
ined? (*Ehretia orbicularis* Hutch. & Bruce)  
HEMIR(MOG)  
HIMIR(C, M, MIS)  
(4) N, CR. Shrub & small tree. (Thulin?  
1986...)

*Boureria teitensis* (Guerke) Thulin (Ehretia teitensis Guerke)  
(1) S. ?Evergreen shrub. (Thulin? 1986...)

*Coldenia procumbens* L.  
S, Djibouti (Cuf. 1981).

*Cordia abyssinica* R.Br. (?=C. holstii Guerke)  
MAREER-DOCOL (M)  
Cited in Glover 1947.

*Cordia chisimajensis* Chiov.  
MAREER-ORGAAWE (HD)  
1( )1 S. Shrub.

*Cordia crenata* Del.  
(1) N. Tree.

*Cordia ellenbeckii* Vaupel  
S (Cuf. 1961).

*Cordia goetzei* Guerke  
MAREER-DOOY? (MERDOI, MERERE-DOI) (C)  
MAREER-DOCOL? (MERERE-DOLIOL) (C)  
MAREER DEYLIB (M)  
(1) Balcad; S (Cuf. 1961). Tree.

*Cordia ovalis* R.Br. incl. sp. aff.  
DOCOL (KH, L)  
DEELAAL (KH)  
MAREERGOOX (KH)  
MAREER/MADHEEDH (MAREHR, MARED, MADED, ?MADER)  
(G, MOG, KTS, M, KH, Wo)  
MAREER DEYLIB (MAREER DAYLIB, MERER DEYLIB,  
MAREERH DEYLIB) (MOG, B, M)  
MAREER DOCOL (MARET DO-OL, MERER DOI) (G, MOG)  
BAEL (G)  
JACJACLE (W)  
2(24) CR, N, S (incl. Cuf. 1961). Shrub or small tree.

*Cordia* sp. nr. quarensis Guerke  
Rose Innes & Trump 983  
MAREER/MADHEEDH (MADER) (KTS)  
(1) CR. Shrub.

*Cordia ravae* Chiov.  
Type: Tozzi 332 from Jubba R.  
MAREER DOCOL (MERERDOL) (C)  
S (Chiov. 1932).

*Cordia ?ravae* = Hemming & Deshmukh JESS  
86/34, 86/89  
(0)2 S. Tree 30m.

*Cordia sinensis* Lam. (C. gharaf (Forsk.)  
Asch.)  
MAREER/MADHEEDH (MODHEEDH, MERERH, MAREER, MADED,  
MARED, MARET, MERER, MARIR, MEHRERE, MERERE,  
MORETTE) (G, B, C, CAS, MOG, KTS, HD, M, L, KH, Ali  
1986, M, Wo)  
MAREER DOCOL (MARET DO-OL, MARED-DAOL) (C, MOG)  
MAREER ORR GABB (HD)  
DOCOL (DO-OL) (C)  
BAED (C)  
MADED-GOH (C)  
4(6)2 N, CR, S (incl. Cuf. 1961). Tall shrub, tree.

*Cordia somaliensis* Bak.  
DEELAAL (KH, L)  
MAREER-DOY? / MAREER-DOOY? (MAREER-DOY, MAREER  
DEH) (MAC, MOG)  
MAREER (MERER, MERERI, MAREERI) (C, G)  
9(12)1 Muq., CR, S. Shrub.

*Cordia subcordata* Lam.  
S (Cuf. 1961).

*Cordia suckertii* Chiov.  
HAMIR (KH)  
GUDDAY (KH)  
QUBE (ODDO) (C)  
DEEN (C)  
(5) CR. Shrub.

*Cordia suckertii* Chiov. var. exasperata  
Verdc. ?=n.sp.

*Cordia* sp. = Elmi & Nur MOG 5 [is this an  
Ehretia e.g. E. cymosa?]  
(1) Balcad.

*Cordia* indet.  
MAREER-GIR-GIR (Wo)

*Cynoglossopsis latifolia* (Rich.) Brand  
(*Cynoglossum hochstetteri* Bak. & Wr.  
Djibouti (Cuf. 1962).

*Cynoglossum lanceolatum* Forsk.  
(1) N (incl. Cuf. 1962). ?Woody forb.

*Cystostemon heliocharis* (S. Moore) A.G. Mill.  
& H. Riedl (*Vaupelia heliocharis* (S. Moore)

Brand, *V. hispida* (Bak. & Wr.) Brand sensu  
Cuf. 1962)

XADDOLE (MOG)

ADAN YALE, ADEN-YALE (C, MOG)

GED-HAFFIN (C)

(16) CR, N. Dwarf shrub, sometimes woody  
forb.

*Cystostemon intricatus* A.G. Mill. & H. Riedl  
N (Kazmi 1985).

*Cystostemon somalensis* A.G. Mill. & H. Riedl  
N (Kazmi 1985).

?*Cystostemon* (*Vaupelia*) sp.

Herlocker 294

(1) CR. Low dwarf shrub.

*Cystostemon* sp. (maybe = *C. heliocharis*)

XABOW (MOG)

*Echiochilon adenophorum* Johnston

SINTAR (C)

(1) N. Dwarf shrub.

*Echiochilon albidum* (Franch.) Johnston

HADU (C)

N (Cuf. 1962).

*Echiochilon arabicum* (Schwartz) Johnston

(?= *E. fruticosum* Desf.)

?XAJIIN (KH)

(3) N. Dwarf shrub, woody forb.

*Echiochilon arenarium* Johnston (*E.*

*johnstonii* Cuf., *Heliotropium arenarium*  
Vatke non Mull.)

3( ) S; CR acc. to ?Chiov. Low woody forb.

*Echiochilon collenettei* Johnston

(2) N. Dwarf shrub.

*Echiochilon longiflorum* Benth. (*E.*

*somalensis* (Franch.) Johnston, *Leurocline*

*somalensis* (Franch.) S. Moore, *Lobostemon*

*somalensis* Franch.)

KABAGEYE (C)

(5) 1 CR; N (Cuf. 1962). Dwarf shrub or  
(woody) annual forb.

*Echiochilon somalense* Desf. (=? *E.*

*longiflorum*)

SINTAR (MOG)

(1) N. Woody forb?, dwarf shrub.

*Echiochilon vatkei* (Bak.) Johnston  
N (Cuf. 1962).

*Echiochilon verrucosum* (Beck) Johnston  
(*Heliotropium albohispidum* Bak.)

NAGAADH/NAGAAR (NAGGARD) (C)

(3) S, CR, N. Dwarf shrub (woody forb?).

*Echiochilon* ?n. sp. (#1)

Gillett et al. 22204, 22181

(Coast at 5°34' - 6°01' N).

*Echiochilon* n. sp. (#2)

Beckett 558

*Echiochilon* n. sp. (#3)

Lavranos & Carter 23499

(1) N: Eil (8°03'N 49°57'E).

(Sub)succulent dwarf shrub or bushy forb.

*Echiochilon* indet.

TURFA-HIS (MOG)

*Ehretia braunii* Vatke

MAREER-DOCOL (MARED-DEOL) (C, M)

N (Cuf. 1961).

*Ehretia* ?n. sp. aff. *E. buxifolia* Roxb.

Beckett & White 1525, 1598

JACJACLE (KH)

XAMER, HAMER (B)

HIMIR (MOG, B)

HAMIR (MOG, KH)

(3) S, CR. Shrub.

*Ehretia cymosa* Thonn.

Boni Forest, Kenya thus expected SW Som.

*Ehretia litoralis* Guerke

Boni Forest, Kenya thus expected SW Som.

*Ehretia obtusifolia* DC.

MAREER-DOCOL (MARED-DEOL) (C, M)

MAREER DEYLIB (M)

N, S (Cuf. 1961).

*Ehretia* ?n. sp.

Beckett & White 1781

GEDO, GEDE (B)

LAFO (B)

(1) S.

*Ehretia* ?n. sp.

Gillett & Hemming 24592

- (1) CR: 16 km E of Aadan Yabaal, 3°47'N  
46°24'E. Shrub.

*Heliotropium abyssinicum* Vatke

- (1) N. Dwarf shrub.

*Heliotropium aegyptiacum* Lehm. (*H. pallens*  
Del.)

DIB-HARAAN(HD)

- (1) Muq; CR (Chiov. 1929); N, S (Cuf.  
1961). Dwarf shrub.

*Heliotropium bacciferum* Forsk.

FOOD-CADE (FORDA-ADA) (C)

- (2) N (Cuf. 1961).

*Heliotropium benadirens* Chiov.

FOOD-CADE (FOODCADDE) (Ali 1986)

- (1) NE of Muq; expected CR acc. to ?Chiov.  
Subsucculent forb.

*Heliotropium chiatellinii* Chiov.

- S (Cuf. 1961).

*Heliotropium cinerascens* DC.

SUNTAAR (KH)

XAJIIN FARDLE (KH)

DABA-HARRAAN (MOG)

FOOD-CADE (FOOD-CADDE) (MOG)

BAGAPSI (G)

ADADE (C)

- 3(9) CR, N, prob. S. Woody forb possibly  
dwarf shrub.

*Heliotropium* sp. aff. *H. congestum* Bak.

- (2) NE of Muq. Low often cushion-like  
woody forb.

*Heliotropium* sp. aff. *H. congestum* Bak.

Gillett et al. 22511, maybe 22504

XAJIIN (KH)

GUNRA-YAR (KH)

- (3) CR. Compact to cushion-like forb  
(woody forb).

*Heliotropium cressoides* Franch.

KAHOT (C) N (Cuf. 1962).

*Heliotropium* sp. aff. *H. digynum* (Forsk.)

Chr. (cit?)

*Heliotropium glomeratum* Terracc.

Ogaden (Cuf. 1962).

*Heliotropium gorinii* Chiov.

- S (Cuf. 1962), Merca (Pol. & Chiov. 1934),  
possibly CR (cf. Kazmi 1985).

*Heliotropium* sp. aff. *H. gorinii* Chiov.

Gillett 24551, Lavranos & Carter 23279

- (2) CR: omci/ Ros. 3°23'N 46°38'E. Dwarf  
shrub.

*Heliotropium hildebrandtianum* Cuf.

- N (Cuf. 1962).

*Heliotropium indicum* L.

- ?S (Cuf. 1962), ?CR (Kazmi 1985).

*Heliotropium lignosus* Vatke

FOOD-CADE (FODAD) (MOG)

- (3) N. Dwarf shrub.

*Heliotropium lithospermoides* Chiov.

- S (Cuf. 1962).

*Heliotropium longiflorum* (A.DC.) Jaub &

Spach [Schwartz?] var. *stenophytum*

Schwartz (*H. somalense* Vatke, *H.*

*undulatifolium* Turrill, prob. also *H.*  
*graminifolium* Chiov.)

FOOD-CADE (FODHAD, FODHADE, FORDA ADA) (G, MOG, M)

MARGA-FOR (C)

- 1(12) N, CR, Muq. Woody forb or dwarf shrub.

*Heliotropium ophioglossum* Stocks

FOOD-CADE (FODADE) (C)

- N (Cuf. 1962).

*Heliotropium ovalifolium* Forsk.

CADAAD (ADAD, HADAD) (G)

XAJIIN (AGIN, AGINDE) (C)

- (5) S, CR. Dwarf shrub (?annual forb).

*Heliotropium pectinatum* Vaupel

- (4) S, CR. [all same taxon?] Dwarf shrub.

*Heliotropium pseudolongiflorum* Chiov.

- S (Cuf. 1962).

*Heliotropium pterocarpum* (DC.) Jaub. & Spach

GAHOD (C)

- (1) N. ?Dwarf shrub.

*Heliotropium rariflorum* Stocks ssp.

*herercense* (Schinz) \_\_\_\_\_

(2) CR, just S; N (Cuf. 1962). Woody  
?annual forb or dwarf shrub.

*Heliotropium* sp. aff. *H. rariflorum* Stocks  
Elmi & Hansen 4028, Thulin & Warfa 4593  
RUQSO-MADOOBE (KH)  
(5) CR. Dwarf shrub.

*Heliotropium sennii* Chiov.  
S (Cuf. 1962).

*Heliotropium sessilistigma* Hutch. & Bruce  
GAHOT (C)  
(4) N, CR. Dwarf shrub.

*Heliotropium steudneri* Vatke  
FOOD-CADE (FOOD CADDE) (MOG)  
DABA-XARAAN (DABA-HARRAAN) (MOG)  
2(5) [surely ]1 taxon here!] CR, N, S.  
Woody forb or dwarf shrub.

*Heliotropium* sp. aff. *steudneri* Vatke  
Wieland 4178, 4198  
MARGAFUR (MARGA-FURE?) (W)  
2( ) CR: Hobyo. Dwarf shrub.

*Heliotropium strigosum* Willd. (*H. bicolor*  
DC.)  
GEED-GURAN? (GEDGURUN) (MOG)  
GEED-CANBAR (GED AMBAR) (G)  
MARAGH (G), MARAGH FOF (G)  
URNAD (G)  
1(2) CR, N. Dwarf shrub.

*Heliotropium supinum* L.  
GEED-BIYOOD (GED BIYOD, GAHOT) (G, B, EA)  
(3) S N, Muq. Prostrate annual.

*Heliotropium tricolor* Hochst. & Steud.  
(cit?)

*Heliotropium vierhapperi* Schwartz  
FOOD-CADE XAJIIN (FOOD-CADDE XAJIIN) (MOG)  
(6) N. ?Woody forb, ?dwarf shrub.

*Heliotropium zeylanicum* (Burm.) Lam. incl.  
var. *arenarium* (Vatke) Chiov. (*H.*  
*subulatum* (DC.) Martelli)  
FOOD-CADE (FODHADE, FORDADI) (G, M)  
GEED-BIYOOD? (GARHOD, GAHOUB, GAHOT) (MOG)  
GEED-BIYOOD (GEED BIYOD) (MOG)  
DOOF NODE (G)  
AD-ADE (C)  
DUB-HANRAAR (HD)

GORIHARIS (Wo)  
1(120)2 N, CR, S; coast from Brava to Hobyo  
(Cuf. 1962). Woody forb or dwarf shrub.

*Heliotropium* sp.  
Gilbert 2136  
(3) CR. Small compact woody forb.

*Heliotropium* sp. 'A'  
Bally & Melville 15474 (EA)  
DARAN (MOG)  
(5) CR? Woody forb or dwarf shrub.

*Heliotropium* sp.  
Tsaha 80, Gillett et al. 22123  
(1) CR. Dwarf shrub.

*Heliotropium* sp. ? = *Simmon* S160  
(1) CR: Buulo Burte. Slightly woody forb.

*Heliotropium* indet.  
ISADARAMO (MAC)  
KAHOD, KOHDAD (C)  
XAABO CAD (NWR)

*Sericostoma albidum* Franch.  
(1) N. Woody forb?

*Tournefortia argentea* L. f.  
EX?  
1( ) S.

*Trichodesma hildebrandtii* Guerke  
(1) N. Dwarf shrub.

*Trichodesma trichodesmoides* (Bunge) Guerke  
(*T. calathiforme* Hochst., *T. grandifolium*  
Bak.)

WEEYLA KURSHE (M)  
HAMBAAWEEYE (HUMBAWEEIYE) (MOG)  
GAHAD, GAHOT (C, MOG)  
GED-HAFFIN (C)  
(1) N. Forb.

*Trichodesma zeylanicum* (Burm.) R.Br.  
(1) N. Forb.

*Trichodesma* ?n.sp.  
Gillett & Beckett 23312  
(1) CR. Forb.

*Wellstedia socotrana* Balf. f.  
(4) N incl. N of Eil. Cushion-forming  
dwarf shrub.

*Wellstedtia* n. sp.

Bally & Melville 15963

GEED-CANBAR (GEDAMBAR) (MOG)

(3) N incl. S of Gardo. Small forb or dwarf shrub.

*Wellstedtia* n. sp.

Lavranos et al.

N (Eil).

### 250 SOLANACEAE

*Capsicum abyssinicum* Rich.

FILFIL-GUDUUD (FILFIL-GHEDUT) (C)

EX?

S (Cuf. 1963).

*Capsicum annuum* (annulatum?) L.

FILFIL-GUDUUD (FILFIL-GHEDUT) (C)

EX.

(1) S; Afgooye. Woody forb?

*Datura innoxia* Mill.

BALAMBAL/BALANBAL (BARAMBAL) (G)

EX.

(1) N. Shrub.

*Datura metel* L. var. *metel*

BOOC-MADOW (BOAH MEDU, BOA MEDU) (G)

BO-OROR-GIU (C)

EX.

(2) N; Merca (Pol. & Chiov. 1934). Annual, maybe softly woody.

*Datura stramonium* L. var. *stramonium*

BOOC-MADOW (BOA-MADOW) (C)

BANGI (B), BUNJII (BUNGIJ) (B)

EX.

(2) N; N, CR, S (Cuf. 1963). Annual forb, maybe softly woody.

*Hyoscyamus grandiflorus* Franch.

(1) N. Annual.

*Hyoscyamus muticus* L.

N (Cuf. 1963).

*Lycium shawii* Roem. & Schlecht. (L. *persicum*

Miers var. *persicum*, L. *europaeum* L., L. *somalense* Damm., L. *arenicolum* Meis.)

SURAD/SURUD? (SORAD, SURUT, SURUR, SORAT, SURRUR)

(C, KTS, G, MOG, M, L, NWR)

SURAD-CAD (SURURCAD) (KH)

GEED-SURUD (GHED-SURUR) (C)

AUSUG (G)

RIHENG0 (C)

1(19) CR, N, S (incl. Cuf. 1963). Armed woody plant, from dwarf shrub to small tree; lvs slightly fleshy.

*Lycopersicon esculentum* Mill.

YAANYA/NYAANYA [from Swahili?] (GNAGNO,

GNIAGNIA, JANIO) (C)

EX: tomato.

*Nicotiana tabacum* L.

TABAAGO (M)

EX: tobacco.

S (Cuf. 1963).

*Physalis peruviana* L.

TOMATIN (G)

Cited in Glover 1947.

*Physalis* indet.

CAB-CAB ['drink-drink'] (MOG)

(1) S. ?Shrub (dwarf shrub?).

*Solanum adoense* Rich.

Djibouti (Cuf. 1963).

*Solanum anguivi* Lam. s. lat. (*S. indicum* auctt. ?non L.)

includes Kuchar 16970 which is nr.

KARIIR/KARIIRI (KARERE, QARARELE, KARRERI) (MOG)

(6) N, CR; S (Cuf. 1963). Sparingly armed woody ?annual.

*Solanum arundo* Mattei

ARUNDO (ALUNDO, ARUNDO) (C)

(1) NE of Muq; CR (Chiov. 1929); S (Cuf. 1963). Armed shrub.

*Solanum benadirensis* Chiov. (1916)

Types: Paoli 41, 68.

Muq. (Cuf. 1963). Dwarf shrub.

*Solanum* sp. cf. *S. benadirensis* Chiov.

(4) CR, Muq. Dwarf shrub.

*Solanum campylacanthum* A. Rich. (S.

*floccosostellatum* Bitter; perhaps a form of *S. incanum* L.)

HOMBOY? (OMBOI) (G)



## VENIND (G)

N (Cuf. 1963), CR acc. to ?Chiov.

*Solanum carense* Dun. (*S. yemense* Bitter)

## KADADITE (G)

~~KARIIR/KARIIRI (KARIL, KARIRE, KARIRI, KARERE,  
KIRRIRI) (M, C, G)~~

(3) N. Unarmed shrub, very similar to *S. somalense* acc. to Cuf. 1963.

*Solanum cerasiferum* Dun.

Muq. (Kazmi 1985), NE Bay Region (O'Brien 1986).

*Solanum cicatricosum* Chiov. incl. var. *gorinii* Chiov.

CR, S (Cuf. 1963); CR (Chiov. 1929).

*Solanum coagulans* Forsk. (*S. depressum* Bitter, *S. dubium* Fres.)

## MOOH (MOH, MOR) (G)

## AGURABALE (MOG)

## SHUNUKH (MOG)

(5) S, CR, N (incl. Cuf. 1963). Armed erect annual forb or woody forb (dwarf shrub?).

*Solanum* cf. *coagulans* Forsk.

## AKBELAT (MOG)

## DHEGWEYN (DEGWUIN) (MOG)

(2) N.

*Solanum cordatum* Forsk. (*S. gracilipes* Decne)

(1) CR; N, S (Cuf. 1963). Unarmed form. Small weakly scrambling shrub. (see - KB 39: 184, 1984)

*Solanum cymbalariifolium* Chiov.

N (Cuf. 1963).

*Solanum cynanchoides* Chiov.

S (Cuf. 1963).

*Solanum darausamensis* Dammer (*S. nummulifolium* Chiov.)

CR (Chiov. 1929).

*Solanum dasyphyllum* Schum.

S (Kazmi 1985).

*Solanum dennekense* Dammer (*S. ogadense* Bitter)

(1) N; possibly CR (cf. Cuf. 1963). Armed dwarf shrub or woody forb.

*Solanum ellenbeckii* Damm. incl. var. *oligoplum* Bitter

N, poss. CR (cf. Cuf. 1963).

*Solanum forskalii* Dun. (*S. albicaule* Dun., *S. villosum* Forsk.)

N, ?CR (Cuf. 1963).

*Solanum hastifolium* Dun.

N (Cuf. 1963).

*Solanum hastifolium* Dun. forma vel sp. aff. Deshmukh JESS 250

## MAKARUMBAY (HD)

S: Jubba Valley.

*Solanum hildebrandtii* A.Br. & Bouche AID(C)

N (Cuf. 1963).

*Solanum humile* Willd.

S (Cuf. 1963).

*Solanum incanum* L. ssp. *incanum* (*S. sennii* Chiov.)

## CADUUR (maybe CADUURO) (ADDUR) (G, W)

## CADUUR DHEGWEYN (KH)

## MOOH (MOH, MOR) (G, MOG, NWR, Ali 1986)

## MOOH MADOW (MOG)

## CHININI (C)

## MAKARUUMBAY (SAR, MOG)

## ARUUNDO (ARUNDEH, ALLUNDE) (MAC, Ali 1986)

## MAKARUUMBI-WAHEEYN (HD), MAKARUUMBI-

## WAWEYN (HD)

## KARIRE (MOG)

## DUCUUR (KH)

## ?LOOHAY-LOOHAY (MOG)

2(13)1 N, S, CR. Armed (dwarf) shrub.

*Solanum jubae* Bitter

## CADUUR (L, W, M, KH), CANDUUR (M)

## ?ARUUNDO (M)

## DANBIL (DANBAL, DAMBIL) (MOG, B)

## GEED BUN (B)

## DAMEERO GUMIS, DAMERO GOMIS (B, MOG)

## KOKIYO, KAKIO (MOG, B)

## WAYELAWETHA (Wo)

1(23) CR, Muq; CR, S (Cuf. 1963). Unarmed shrub, small shrublike tree.

*Solanum longestamineum* Damm.

(7) CR, S. Armed dwarf shrub, may be scandent.

*Solanum ?macranthum* [?*macracanthum*] A. Rich.  
(1) N mts. Armed shrub.

*Solanum macracanthum* A. Rich.  
MOOH(MOH)(G)

Doubtfully N; cited in Glover 1947.

*Solanum marginatum* L.f. (syn?)  
?HOMBOY?(UMBOI)(G)  
Djibouti (Cuf. 1963).

*Solanum melastomoides* C.H. Wright  
MOOH(MOH, MOR)(G)  
CHIRIRI, CHIRIRI(C)  
?ME-EGODLE, ?MEIH-GODLEH(C, MOG)  
(1) N, & just S. Armed shrub.

*Solanum melongena* L.  
BEDENSAAL?/BIRINJAL?(BRINGIAN)(C)  
EX: eggplant.  
Cultivated in all tropical & temperate lands  
(Cuf. 1953).

*Solanum nigrum* L.  
BIYECHE-EL(MOG)  
SHAN BOKSIYE(G)  
(2) N (mts); N, CR, S (Cuf. 1963). Annual.

*Solanum nodiflorum* Jacq.  
EX?  
N (Cuf. 1963).

*Solanum obbiadense* Chiov.  
MICI-GODLE(ME-EH GODLEH, MEGODLEH)(G)  
MICI(M)  
N, CR (Cuf. 1963); CR (Chiov. 1929).

*Solanum pampaninii* Chiov.  
TANINI(G)  
(1) Muq.; Afgooye (Chiov. 1932). Unarmed shrub.

*Solanum piperiferum* A. Rich.  
CADUUR(ADOURO)(C)  
N (Cuf. 1963).

*Solanum* sp. aff. *piperiferum* A. Rich.  
Lavranos & Carter 23199, 23276C  
(2) 1 Muq., CR (3°26'N 46°47'E). Armed dwarf shrub, shrub.

*Solanum renschii* Vatke  
HOMBOY?(HUMBOW)(MOG)

(4) N, S. Sparingly armed shrub.

*Solanum robecchii* Bitter & Dammer  
CADUUR?(ASCIUR)(C)  
CR, S (Cuf. 1963).

*Solanum scabrum* Mill.  
EX?  
S (Cuf. 1963).

*Solanum schimperianum* A. Rich.  
ARUNDO-DEHEN(C)  
CHIRIRI(C)  
N (Cuf. 1963), NE Bay Region (O'Brien 1986);  
expected CR acc. to ?Chiov.

*Solanum sepicula* Dunal  
MICI-GODLE(ME-E GODLE, MEGODLEH)(G, MOG)  
MICI(M)  
(2) N (mts). Armed dwarf shrub (?shrub).

*Solanum somalense* Franch. incl. var.  
parvifrons Bitter  
HANBALAC(KH)  
WANI INOOD(KH)  
CADUUR(ADURR, ADARO)(C, MOG)  
DAMERA RIGID(G)  
MOOH(MOH)(G)  
KARIIR/KARIIRI(KERIIR, CUCURARI, CURUCARI,  
KARIRE, KARIL, KERIRI, CHININI)(C, L?, G, MOG)  
DASSAK(C)  
DA' UUR(Wo)  
XUMBOH(NWR)  
(34) 1 CR, N, S. Unarmed (dwarf) shrub.

*Solanum suffruticosum* Willd.  
N (Cuf. 1963).

*Solanum terminale* Forsk. ssp. *terminale* (S.  
*bifurcatum* Hochst., *S. baidoense* Chiov.)  
KARIIR/KARIIRI(CHIRIRI)(C)  
UENINIS(C)  
Expected CR acc. to ?Chiov.; S (Cuf. 1963).

*Solanum tettense* Klotzsch  
KARIIR/KARIIRI(KERIRI)(C)  
N (Cuf. 1963).

*Solanum thruppii* Wright  
N (Cuf. 1963).

*Solanum* sp. = Peck 366 (prob. nr. *S.*  
*longestamineum*)  
ME'E GODLEH(MOG)

(1) N. Armed shrub, "wide dist'n in Somaliland."

Solanum indet.

SHOLASHOLAH (M), SHUNASHUNA (MOG)

DHAYEDHABE (KH)

DHEGA LOXEI, DAGA LOH, DEGELOLI (B, Wo)

KARIIR (KURAAARIYEEY, KURARE) (B)

LOXE LOXEI, LOHE LOHE (B)

AB AB (MAC)

DANOON (M)

WEYLEWADHI (M)

MURDHIS (Ali 1986)

*Withania reichenbachii* (Vatke) Bitter

N (Cuf. 1963).

*Withania somnifera* (L.) Dunal incl. var.

macrocalyx Chiov. & var. somalensis Schinz

CABCAB (COBCOB) (MOG, KH)

COBCOB-BUDOOLE (MOG)

GEEDDUGE (KH)

GEED (GED) ['plant'] (MOG)

DUFEHRO (MOG)

KARIIR/KARIIRI (MOG)

GURYAFAN (GOREAFAN, GURIAFAN, GURIE-FEN, GURI-

AFAN, GURI-YON) (C, L, M, MOG)

GATITA, GUTITU (C)

GURUNE (C)

GED-DALAN (C)

SHOLASHOLAH (SHUNA-SHUNA) (C, M)

ABAB (C)

ABABDE (C)

EX.

1(16) CR, N, S (incl. Cuf. 1963). Soft dwarf shrub.

*Withania* n. sp.

Bally & Melville 16021

(6) N (mts). Shrub.

## 251 CONVULVACEAE

FTEA 1963

*Astripomoea grantii* (Rendle) Verdc.

GEED-BIYOOD? (GHED-HIAT) (C)

S (Cuf. 1961).

*Astripomoea hyoscyamoides* (Vatke) Verdc.

var. *hyoscyamoides*

1(1) S. Forb, (?soft shrub).

*Astripomoea lachnosperma* (Choisy) Meeuse

BALAMBAL/BALANBAL (C)

S incl. Merca (Cuf. 1961), NE Bay Region

(O'Brien 1986).

*Astripomoea malvacea* (Klotzsch) Meeuse var.

*volkensii* (Damm.) Verdc.

N (Cuf. 1961). Woody forb.

*Astripomoea nogalensis* (Chiov.) Verdc.

(*Astrochlaena nogalensis* Chiov.)

CHADER, CHADAIR (MOG, C)

(5) CR, N. Straggly shrub or woody vine.

*Astripomoea tubiflora* (Hall. f.) Verdc.

S (Kazmi 1985). Woody forb?

*Cladostigma hildebrandtioides* Hall. f.

NE Kenya, N Somalia (?from FTEA); poss. CR/S

(Cuf. 1961). Shrub.

*Convolvulus capituliferus* Franch. var.

*capituliferus* & var. *suberectus* Franch.

(*C. sphaerophorus* Bak.)

XADHIG/XARIG? (ARIK, HAD-HARIK) (G, C)

(1) CR; N (Cuf. 1961). Prostrate forb.

*Convolvulus faurotii* Franch. (syn?)

Djibouti (Cuf. 1961).

*Convolvulus glomeratus* Choisy

DANEJO (G)

(1) N. Vine.

*Convolvulus hildebrandtii* Vatke

SHE SHE (MOG)

(2) N. Dwarf shrub.

*Convolvulus hystrix* Vahl

GEELDABAR (GELDABAR) (MOG, M)

HARA, HARAH, HEIRAH (MOG)

XIRKOD (KH)

(9) CR, N. Armed prostrate dwarf shrub, ascending when supported..

*Convolvulus* aff. *hystrix* & *ruspolii*

IL-GEEL (IL GEL) (MOG)

(1) N.

*Convolvulus microphyllus* Spreng.

AMBOLE (C)

N, S (Cuf. 1961).

*Convolvulus rhyniospermus* Choisy (probably  
incl. *C. littoralis* Vatke)  
ODBELLI, OLBILE, OTBILE (G, MOG)  
XADHIG/XARIG (HADIGHADIG) (MOG)  
(4) N, CR. Prostrate creeping annual.

*Convolvulus ruspolii* Hall. f.  
ROHOTLEH FERA (MOG)  
BEED-ANBAR (GED ALBAR) (MOG)  
HARA, HARAH, HEIRAH (C, G)  
XAJIIN-QODAX (W)

1(10) CR, N (incl. Cuf. 1961). Armed  
prostrate or sprawling (erect?) dwarf  
shrub.

*Convolvulus sagittatus* Thunb. var.  
*aschersonii* (Engl.) Verdc. & var.  
*linearifolius* (Hall. f.) Bak. & Wr.  
N, S (Cuf. 1961).

*Convolvulus sericophyllus* T. Anders. (C.  
*somalensis* Franch.)  
GODA DANBAS? (GODA DAMBAS) (G)  
(2) N. Slender shrub, prostrate (creeping)  
forb.

*Convolvulus stenocladus* Chiov.  
1(1) S, CR. Prostrate annual.

*Convolvulus subspathulatus* Vatke  
(5) Muq., S. Prostrate perennial.

*Convolvulus* ?n. sp.  
Lavranos & Carter 23470  
(1) CR: 5° 03' N 48° 17' E). Prostrate forb.

*Convolvulus* indet.  
MIRRHU (MOG)  
UTOBLE (MOG)  
DANKOOK (MOG)  
IL-TUKE (IL TUKI) (MOG)  
(6) N.

*Cressa cretica* L.  
DUR-YARYAR? (DURYERYER, DOR YER YER) (G, MOG)  
DARAN (DAREN) (C)  
DINAAS (DINAS) (C)  
1(0) I S; N, S (Cuf. 1961). Small bushy  
perennial (annual?).

*Cuscuta kilimanjari* Oliv. var. *kilimanjari*  
N (Cuf. 1961). Parasitic forb.

*Cuscuta planifolia* Tenore var. *planiflora* &  
var. *holstii* Bak. & Rendle  
DILOWYAHAN/DHILLOWYAHAN (DILOYAHEN, DILO  
YAHEN) (G, M)

(3) N. Twining parasite, ?leafless.

*Cuscuta somaliensis* Yuncker  
N (Cuf. 1961). Parasitic forb.

*Dichondra repens* J. R. & G. Forst. var. *repens*  
(2) N mts. Creeping forb.

*Evolvulus alsinoides* L.  
(1) S; N, S (Cuf. 1961). Annual.

*Falkia oblonga* Krauss var. *oblonga*  
?N (Cuf. 1961).

*Hewittia puccioniana* (Chiov.) Verdc.  
(*Eremosperma puccionianum* Chiov.) (may be  
a form of *H. sublobata* (L. f.) O. Ktze.)  
(1) S. Twiner.

*Hewittia scandens* (Milne) Mabberley (H.  
*sublobata* (L. f.) O. Ktze.)  
S, ?poss. CR (Cuf. 1961). Creeping  
perennial.

*Hildebrandtia africana* Vatke  
HIRAN (KH)  
HIRANCAD (KH)  
DANYO/DAYO (DANINU, DAINYO) (G, MOG)  
KAAGICISO (W)  
KABBAASSA (C)  
BURBUROOD (BURBUROD) (C)  
(22) CR, N, S. Compact dwarf shrub & shrub,  
also twiner.

*Hildebrandtia linearifolia* Verdc.  
FEEDHACASO (W)  
1(1) CR; type loc. 4° 31' - 5° 17' N, 47° 54' -  
48° 22' E. (Verd? 1981, p425). Dwarf  
shrub.

*Hildebrandtia obcordata* S. Moore  
MALMARES (MOG)  
(3) N of Eil; S. Dwarf shrub. Close to  
*H. africana* & could be treated as a  
subspecies.

*Hildebrandtia sepalosa* Rendle  
HIRAN (KH)  
HIRANCAD (KH)

(5) 1 CR, S, also N (Cuf. 1961). Dwarf shrub/shrub.

*Hildebrandtia sericea* Hutch. & Bruce

MARMAROD (MARMAROD) (MOG, G, M)

MIRRHU (MOG, G)

DANYO/DAYO (DAINYO) (C)

(4) CR; N (Cuf. 1961). Armed dwarf shrub.

*Hildebrandtia somalensis* Peter (Pterochlamys

*somalensis* (Peter) Roberty, probably

*Hildebrandtia lyciopsis* Chiov.)

DANYO/DAYO (DAINYU, DAIYU, DAINYO) (C, G)

EDAHADES, HEDAHADES (C)

GAUDOLI, GHAUDOLI (C)

(10) N, CR, S. Shrub/dwarf shrub, tips twining.

*Hildebrandtia villosa* Hutch. & Bruce (part

of *H. africana* s. lat.)

DANYO/DAYO (DAINYU, DAIYU) (G, MOG)

MERIADALIS (MOG)

(4) N.

*Hildebrandtia* indet.

HIIRME CADE (HIRIM ADEI) (B)

?HOOL (HALL) (B)

*Hyalocystis popovii* Verdc.

BARAANJIS (BARAGIS) (C)

N (Cuf. 1961).

*Hyalocystis viscosa* Hall. f.

BARREYBAJIS (KH)

BARAANJIS (BARANJIS, BERRI-DACHIS, BARADAGIS, BARAGIS) (C, MOG)

(13) CR, N, S. Prostrate forb.

*Hyalocystis* ?n. sp.

Gillett et al. 22478, ?Thulin & Warfa 4690

(Bally & Melville 15336)

(2) CR. Prostrate creeping forb.

*Ipomoea adenoides* Schinz var. *ovato-*

*lanceolata* Hall. f.

N (Cuf. 1961).

*Ipomoea anemophoba* Chiov.

BARI-BARDE, BARI-BADE (C, MOG)

MAR-MAR ['sometime'] (MOG)

BALAMBAL / BALANBAL (BULUMBUL) (C)

(1) N. Dwarf shrub.

*Ipomoea aquatica* Forsk. (*I. reptans* auctt. non (L.) Poir.)

(3) S, Merca. Aquatic forb with submerged stems.

*Ipomoea argyrophylla* Vatke var. *argyrophylla*

& var. *somalensis* (Verdc.) Vardc. (*I.*

*somalensis* Verdc.)

(1) N mts. Dwarf shrub.

*Ipomoea asarifolia* (Desr.) Roem. & Schult.

?S (Cuf. 1961).

*Ipomoea batatas* (L.) Lam.

BATATA (C)

EX: sweet potato.

*Ipomoea cairica* (L.) Sweet var. *cairica* &

var. *indica* Hall. f.

GOMBOL (MOG)

(2) N, CR. Twining or prostrate forb.

*Ipomoea cicatricosa* Bak.

TOWMADOON (KH)

TUURBARBAAR (KH)

WEIL-WODHA (KTS)

WAHARA-WAALIS (WEIL-HAREN, WAHARA WALIS,

WAHARA WALLIS, WAHARO WALIS, WAHARRO

WARLISE, UHARRA-UALIS) (C, G, KTS, NWR)

LAAN JIID, LANGID (B)

?DOMBO (B)

ELDER (C)

(16) S, CR, N. Narrow shrub.

*Ipomoea* ?n. sp. aff. *cicatricosa* Bak.

Hemming & Watson 3032

(1) N: 85 km WNW of Bender Beila, 9°42'N

50°04'E. Dwarf shrub.

*Ipomoea citrina* Hall. f. (*I. latisepala*

E. A. Bruce)

JAFEECO (KH)

SHAFEE CAY (KH)

BURIS CELES, BURUS CELIS, BURACELIS (MOG, KH, L)

JADEER (CHADER) (MOG)

DUFEIO, DEFAO (C)

CHAFAYO (C), GIAFEHO, GIAFEKOH (C, MOG)

(11) N, CR; N, S (Cuf. 1961). Shrub.

*Ipomoea coptica* (L.) Roem. & Schult. var.

*coptica*

(1) S. Small low twiner.

*Ipomoea cordofana* Choisy (prob. incl. *I. jubae* Chiov., *I. pharbitiformis* sensu Chiov. (1932) non Bak. fig. 189)  
(2) S. Prostrate forb.

*Ipomoea coscinosperma* Choisy  
S (Cuf. 1961).

*Ipomoea crepidiformis* Hall.f. var. *microcephala* (Hall.f.) Verdc.  
N (Kazmi 1985).

*Ipomoea dichroa* (Roem. & Schult.) Choisy (*I. arachnosperma* Welw.)  
(1) S. Twining or prostrate annual.

*Ipomoea donaldsonii* Rendle  
BALAMBAL/BALANBAL (BULUMBUL, BALUMBAL, BULAMBUL, BULUMBAL) (MOG, G, M)  
HIIRAN\_MADDOBE (KH)  
BUULO-LOOD (KH)  
BARRIBOTE, BIRRIBOTE (KTS), BARAYBOTI (M),  
BARIBOTI (Wo)  
MADDOYAA (MOG) [CR]  
(21) CR, N, also doubtless S. Armed shrub.

*Ipomoea eriocarpa* R.Br.  
Annual twiner. Expected Somalia.

*Ipomoea ficifolia* Lindl.  
S (Kazmi 1985). Prostrate or twining forb.

*Ipomoea garckeana* Vatke (*I. whyteana* Rendle)  
CARAB-DUUR (ARAB-DUR) (C)  
ERAGHISI (C)  
CURTUP (C)  
1(8)2 S, Muq, CR. Prostrate perennial (annual?).

*Ipomoea heterosepala* Bak.  
Type from Golis Range.  
N (Cuf. 1961). Woody twiner.

*Ipomoea hochstetteri* House  
S (Cuf. 1961).

*Ipomoea involucrata* Beauv. var. *involucrata*  
S (Cuf. 1961).

*Ipomoea jaegeri* Pilger (*I. argyrophylla* Vatke, *I. somalensis* Verdc.)  
WAXAR WAALIS (M)  
WAXARO-XAARIS (WAHARROW HARIS) (G)  
XARIG-XARIG/SADHIG-XADHIG (HADIK-HADIK) (G)

GOROYO-XAARIS (GORIA-HARIS) (C)  
GHEDLAN (C)  
(8) N. Dwarf shrub.

*Ipomoea kotschyana* Choisy  
Muq. (Raimondo et al. 1981). Prostrate forb.

*Ipomoea longituba* Hall.f.  
N (Kazmi 1985).

*Ipomoea marmorata* Britt. & Rendle ssp. *marmorata* & ssp. *somalica* Verdc.  
DEG-DERAN (C)  
BIREBERTO (C)  
CR, N (Cuf. 1961). Shrub.

*Ipomoea mauritiana* Jacq.  
Somalia (Cuf. 1961).

*Ipomoea mombassana* Vatke  
Boni Forest, Kenya thus expected SW Som.

*Ipomoea nephrosepala* Chiov. (?I. *cicatricosa*)  
JADEER (CHADER, CHAUDERE) (MOG, G)  
BALAMBAL/BALANBAL (G)  
DUFEIO (G)  
(1) N; also CR (Kazmi 1985). ?Dwarf shrub.

*Ipomoea obscura* (L.) Ker.-Gawl. var. *obscura*  
(1) N; expected SW since found in Boni Forest, Kenya. Vine or prostrate forb.

*Ipomoea oenotherae* (Vatke) Hall.f. var. *oenotherae*  
N. Perennial.

*Ipomoea paolii* Chiov. (prob. incl. *I. incana* Chiov., *I. lapidosa* Vatke)  
SUUF (SUF) (C)  
SODF JAREE (MAC)  
SUUF-JINNI (SUF-GIN) (C)  
CURBOC, KURBOC (C)  
DIERER (C), GERER (C)  
CR (Chiov. 1932); S (Cuf. 1961). Woody vine.

*Ipomoea paulitschkei* Schweinf. & Volk.  
N (Cuf. 1961).

*Ipomoea pes-caprae* (L.) R.Br. incl. ssp. *brasiliensis* (L.) van Ooststr.  
ARAREK (C)

KOLBAHAN (C)

Muq. - also CR?; N, S (Cuf. 1961). Creeping perennial usually on seashore.

*Ipomoea pes-trigradis* L. var. *pes-tigradis* & var. *longibracteata* Vatke

SAAR SAAR HAJIIMOW (HD)

1( ) 1 N, S. Trailing annual.

*Ipomoea plebeia* R.Br. ssp. *africana* Meeuse

SAAG-SAAQ (HD)

2(1) 2 S. Annual twiner, prostrate creeping forb.

*Ipomoea rubens* Choisy

S (Cuf. 1961).

*Ipomoea sepiaria* Roxb.

BAR BARAJIS (HD)

2( ) 2 S. Forb, twiner.

*Ipomoea sinensis* (Desr.) Choisy ssp.

*blepharosepala* (A. Rich.) Meeuse (I.

*hardwickii* (Spreng.) Sweet)

XARIG-XARIG/XADHIG-XADHIG (XIDHIGXIDHIG,

HADIK-HADIK, HARIG-HARIG) (MOG, G, M)

MASKAR (Ali 1986)

BASAI (C)

GALFONE (C)

SAAR (G)

BARAJIS, BARAGIS (EA, HD)

(3) Just S; S (Chiov. 1929); N (Cuf. 1961).

Low annual (or perennial?).

*Ipomoea spathulata* Hall.f. (maybe = I.

*kituiensis* Vatke; prob. includes I.

*chryso sperma* Hall.f.)

WARADABIT (MOG)

TOBI (EA)

(1) 0 N; maybe CR/S (cf. Cuf. 1961). Shrub,

may be scandent or sprawly.

*Ipomoea sultani* Chiov.

BALAMBAL/BALANBAL (BULUMBUL) (C)

DOA-AURE (C)

IL-GEEL (IL-GAL, IL-GEL) (C)

?KAXAR (W)

?MADDOOYAA (W)

(3) CR; N (Cuf. 1961). Dwarf shrub.

*Ipomoea tenuirostris* Choisy ssp.

*tenuirostris*, ssp. *hindeana* (Rendle)

Verdc. & ssp. *repens* Verdc. (I. *hindeana*

Rendle, & probably incl. I. *pedunculata* Chiov.)

XARIG (HARAG) (G)

BRAGIS (C)

BUCCURI (C)

(2) Afgooye, S; just S (Chiov. 1932).

Prostrate or twining perennial.

*Ipomoea transvaalensis* Meeuse ssp.

*orientalis* Verdc.

S. Forb.

*Ipomoea triflora* Forsk.

(1) S, N. Woody twiner.

*Ipomoea verticillata* Forsk.

(1) CR; S (Cuf. 1961). Prostrate annual.

*Ipomoea* sp. = G & G 459

HADIS MEDU (MOG)

(1) ?N. Low scrambler, lvs threadlike-dissected!

*Ipomoea* indet.

BARAJIS, BARHERJIS (B)

JACJACLE (M)

SUUF-YAROW (Ali 1986)

*Jacquemontia ovalifolia* (Vahl) Hall.f.

CR, S (Cuf. 1961). Prostrate annual-biennial.

*Jacquemontia tamnifolia* (L.) Griseb.

(1) S. Twiner.

*Merremia aegyptia* (L.) Urb.

N (Cuf. 1961).

*Merremia ampelophylla* Hall.f. var.

*ampelophylla*

S (Cuf. 1961).

*Merremia cliffordii* Hutch. & Bruce

DABOLU (G)

(1) N (mts). Prostrate forb.

*Merremia ellenbeckii* Pilg.

Prob. S (Cuf. 1961).

*Merremia emarginata* (Burm.f.) Hall.f. (M.

*gangetica* (L.) Cuf.)

S (Cuf. 1961).

*Merremia gorinii* Chiov.

S (Cuf. 1961). Trailing forb.

*Merremia gregorii* Rendle (M. sp. 'C' of FTEA)  
Gillett et al. 25149  
(1) S: 16 km W of Badade, 1°04'S 41°23'E.  
Prostrate forb.

*Merremia hederacea* (Burm.f.) Hall.f.  
N [FTEA?]; S (Cuf. 1961). Prostrate or  
twining forb.

*Merremia hemmingiana* Verdc.  
Maybe expected S.

*Merremia lobata* Verdc.  
[Kuchar 16969]  
(1) CR: Buulo Burte. Creeping forb.

*Merremia pinnata* (Choisy) Hall.f.  
HARROW(B)  
(1) S. Creeping or twining annual.

*Merremia semisagitta* (Peter) Dandy (M.  
pedata (Choisy) Hall.f., maybe incl. M.  
subpalmata Verdc.; *Ipomoea stenophyton*  
Chiov.)

XARIG-XARIG (HARRIG-HARRIG) (C)  
(2) N; Merca (Pol. & Chiov. 1934); CR  
(CRS?). Creeping or climbing perennial  
forb.

*Merremia setisepala* Verdc.  
DABRO (MOG)  
(1) N. Prostrate forb.

*Merremia somalensis* (Vatke) Hall.f.  
DANKUL (MOG)  
(3) N. (Prostrate) dwarf shrub or woody  
forb (with runners).

*Merremia subpalmata* Verdc.  
Ogaden (Cuf. 1961); expected SW.

*Merremia tridentata* (L.) Hall.f. ssp.  
alatipes (Damm.) Verdc.  
Gillett et al. 25189  
(1) S: 10 km S of Kolbio, 1°13'S 41°17'E.  
Scandent forb.

*Merremia truncata* Verdc.  
N. (Verd? 1970, p.176)

*Merremia* sp. 'B' of FTEA  
Hemming & Deshmukh JESS 86/184

1(0)1 S: Gobwein. Creeping forb.

*Merremia* sp.  
Hemming & Watson 3021  
(1) N: 72 km WSW of Bender Beila, 9°17'N  
50°11'E. Woody perennial with creeping  
stems.

*Operculina turpethum* (L.) S.Manso (*Merremia*  
*turpethum* (L.) Rendle)  
SAC-SAC (G)  
S (Cuf. 1961).

*Seddera arabica* (Forsk.) Choisy (incl. S.  
somalensis (Vatke) Hall.f.)  
NAGAAR (NAGAR) (C)  
(2) N mts; also N & W Kenya, Djibouti.  
Woody forb.

*Seddera bagshawei* Rendle (may include S.  
virgata Hochst. & Steud.)  
Hemming & Deshmukh JESS 86/14, 86/27  
3(0) S; CR, S, Djibouti (Cuf. 1961).  
Succulent wiry (woody) forb.

*Seddera bracteata* Verdc.  
SORFILAY (C)  
NAYLA-ABAYAY? (NAILA-ABAIYAY) (C)  
(4) CR; N, S (Cuf. 1961). Small woody forb,  
(dwarf shrub).

*Seddera cinerea* Hutch. & Bruce (near S.  
arabica)  
(2) CR, N. Dwarf shrub (?or woody forb).

*Seddera glomerata* (Balf.f.) Swartz (*Bonamia*  
*glomerata* (Balf.f.) Hall.f.)  
(2) N, S. Dwarf shrub.

*Seddera hirsuta* Hall.f. var. *hirsuta* & var.  
*gracilis* (Chiov.) Verdc. (S. *gracilis*  
Chiov.)  
S, probably CR. Dwarf shrub (woody forb).

*Seddera humilis* Hall.f. var. *erlangeriana*  
(Engl. & Pilg.) Verdc.  
S (Cuf. 1961).

*Seddera latifolia* Hochst. & Steud. var.  
*latifolia* & var. *micrantha* (Pilg.) Verdc.  
MTERA HAD (G)  
NAGAAR/NAGAADH (NAGAD) (G)  
(4) S, N. Woody forb (or dwarf shrub?).



*Seddera microphylla* Engl.  
S (Cuf. 1961).

*Seddera pedunculata* (Balf.f.) Hall.f. (S.  
hallieri Engl. & Pilg.)

NAGAAR/NAGAADH (NAGARD) (G)

XAJIIN (HAJEAN) (C)

(3) CR; N (Cuf. 1961). Woody forb, ?dwarf  
shrub.

*Seddera saturejoides* Chiov.  
N (Cuf. 1961).

*Seddera simmonsii* Verdc.  
CR (Cuf. 1961).

*Seddera spinescens* Peter

HIDAHADESS (C) [specs?]

N (Cuf. 1961), also Djibouti (K?). Dwarf  
shrub.

*Seddera virgata* Hochst. & Steud.  
(1) N: Erigavo. Wiry shrub.

*Seddera* indet.

GURIRIA (MAC)

?MARDAF [MARADU] (B)

*Stictocardia macalusoi* (Mattei) Verdc.  
(*Ipomoea macalusoi* Mattei)

GEESARRIYOOD/GEESARRIYAAD (GHERESIAT) (C)

BISIQ (BISSIG, BISSIGH) (C)

GULBANI, GHULBANI (C)

S, coastline. Woody vine.

*Turbina perbella* Verdc.

WARABID (C)

(1) N mts. Shrub.

*Xenostegia tridentata* (L.) Austin & Staples  
(1980) (*Merremia tridentata* (L.) Hall.f.

ssp. *angustifolia* (Jacq.) van Ooststr. &

ssp. *alatipes* (Damm.) Verdc.)

CR; S, from border near Kolbio (K)).

Prostrate creeping perennial [twining  
forb].

N (Cuf. 1963).

*Alectra parasitica* A.Rich.

(1) N mts. Parasitic forb.

*Alectra* indet.

(1) N mts. Parasitic forb.

*Anticharis arabica* Endl.

N (Cuf. 1963).

*Anticharis glandulosa* Aschers.

(4) N. Glandular forb.

*Anticharis linearis* Aschers. [Benth. ?]

INDHATIRE (DIATIRI, INDATIRE) (G, M)

AFANLA (G)

AFGUDA (G)

EBARDAH (G)

(2) N, CR; also NE Kenya. Annual.

*Anticharis somalensis* Vierh.

N (Cuf. 1963).

*Aptosimum pumilum* Desc.

NAYLA KABE? (NAILO KOBEEI) (MOG, G, M)

(1) N. Small forb.

?*Buttonia* sp.

(1) N mts. Dwarf shrub.

*Campylanthus incanus* A.G. Miller

(*Chamaeacanthus pumilus* Chiov. of  
Acanthaceae)

GOHAHADOLAI (G)

(1) CR, N mts. Armed dwarf shrub.

*Campylanthus junceus* Edgw.

MIRO (MIRROH, MIRHO) (G, MOG)

MERHO DABERA (G)

(2) N (mts). Dwarf shrub, perennial forb

*Campylanthus micanus* A.G. Miller

N. (Miller 1980, p. 376).

*Campylanthus spinosus* Balf.f. var.

*anisotricha* A.G. Miller

(2) N, CR. Armed dwarf shrub.

*Chaenostoma cymbalarifolium* (Chiov.) Cuf.

(*Sutera cymbalariaefolia* Chiov.)

S (Cuf. 1963).

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*Alectra asperrima* Benth.

*Chaenostoma liperiflorum* (Vatke) Wettstein  
(*Sutera liperiaeflora* (Vatke) Skan,  
*Urbania liperiaeflora* Vatke)  
N (Cuf. 1963).

*Craterostigma plantagineum* Hochst.

DERBIO (MOG)

BAGAN (G)

BALAT (G)

BAAR (BAR) (G, M)

(4) N. Small forb.

*Craterostigma pumilum* Hochst.

N, ?maybe CR (Cuf. 1963).

*Craterostigma smithii* S. Moore

N (Cuf. 1963).

*Cycnium* (*Rhamphicarpa*) *heuglinii* Schweinf.

S (Cuf. 1963).

*Cycnium tubulosum* (L.f.) Engl. ssp.

*tubulosum* (*Rhamphicarpa tubulosa* (L.f.)

Benth.)

1(2)1 S. Perennial.

*Ghikaea speciosa* (Rendle) Diels

(1) CR; S (Chiov. 1929); N (Cuf. 1963).

Shrub & weak climber.

*Kickxia elatine* (L.) Dumort.

(1) N mts. Trailing forb.

*Kickxia hastata* (Benth.) Dandy (*Linaria*

*hastata* Benth.)

HARMAL (MOG, G)

(1) N. Forb.

*Kickxia heterophylla* (Schousboe) Dandy

(*Linaria sagittata* (Poir.) Hook. f.)

BANDRAGOLE (MOG)

(2) N. Forb.

*Kickxia somalensis* (Vatke) Cuf. (*Linaria*

*somalensis* Vatke; ?incl. *L. stanantha*

Franch.)

N (Cuf. 1963). Forb.

*Lindenbergia abyssinica* Benth.

N (Cuf. 1963).

*Lindenbergia indica* (L.) Kuntze

FARA-OD (MOG)

(6) N, CR. Woody forb, dwarf shrub.

*Lindenbergia* sp. (aff. *indica* (L.) Kuntze)  
Thulin 5664

(1) CR: 121 km SW of Dusa Mareb. Annual.

*Lindenbergia nigrescens* Vatke

N (Cuf. 1963).

*Lindenbergia sinaica* (Decne.) Benth.

GUBTAANYO/GUBTAHANYO (GUPTHAINYU) (G, M)

FARAHOD (G)

NAYLA-KABE? (NILO-KOBEYE) (C)

N, ?maybe CR (Cuf. 1963).

?*Micrargeria* sp.

Gillett et al. 22102

(1) CR. Whippy woody forb (dwarf shrub?).

*Pseudosopubia delameri* S. Moore

(1) CR. Spindly shrub.

*Pseudosopubia elata* Hemsl.

S (Cuf. 1963).

*Pseudosopubia hildebrandtii* (Vatke) Engl.

(2) Muq, S. Woody forb.

*Pseudosopubia obtusifolia* Engl.

S (Cuf. 1963).

*Pseudosopubia polemon[i]oides* Chiov.

S (Cuf. 1963).

*Pseudosopubia procumbens* Hemsl.

Muq; N (Cuf. 1963). Perennial.

*Schweinfurthia pedicellata* (T. Anders.) Balf.

DAILA O-OD (G)

LANAMBAR (G)

(3) N. Annual.

*Schweinfurthia pterosperma* (A. Rich.) A. Braun

LANAMBAR (MOG)

(4) N. Subsucculent forb.

*Scrophularia arguta* Soland.

N (Cuf. 1963).

*Striga asiatica* (L.) Kuntze

S (Cuf. 1963).

*Striga gesnerioides* (Willd.) Vatke (*S.*  
*orobanchoides* Benth.)

ARAMUDOWEYI (G)

HABLOBOR (C)

(7) CR, S, N. Erect (somewhat woody)  
leafless root-parasite.

*Striga latericea* Vatke

(1) N; also S (Cuf. 1963). Forb.

*Striga somaliensis* Skan

N (Cuf. 1963).

*Verbascum sinaiticum* Benth. (V. somaliense  
Bak.)

BALAMBAL/BALANBAL (BALAMBA) (C)

(3) N. Big forb.

*Veronica* sp.

(1) N (mts?). Forb.

*Xylocalyx hispidus* S. Carter

(3) CR; N (Cuf. 1963). Looks like a dwarf  
shrub (woody forb too?).

*Xylocalyx recurvus* S. Carter

SANBANNEEYE (SANBANAYE) (MOG)

LUFF (C)

(9) CR, N. (Subsucculent) dwarf shrub.

EXCLUDED: *Verbascum schimperi* Skan Cited  
in Glover 1947.

### 253 OROBANCHACEAE FTEA 1957

*Cistanche allochroa* Chiov.  
S (Cuf. 1963).

*Cistanche phelipaea* (L.) Cont. (C. tinctoria  
(Forsk.) Defl.; nr. C. tubulosa)

HABLOHOR (HABLO BOR, HAFFOBOR) (C, G, M)

KOORA WARAABAH (M)

GORO-WARAABE (ARO WARABA, KORO WARABA, ORO  
WARRABA) (G)

DAGAYO-BOR (G)

GUS-WARAABE (GUS UARABE, GUSUARABE) (C, G)

GORAWNARAF (C)

1 ( ) 1 CR, N. Subsucculent herbaceous root  
parasite, on Suaeda.

*Cistanche tubulosa* (Schenk.) Hook. f. (C.  
lutea Hoffm. & Link)

GORO-WARAABE (KOORA WARAABAH, KORO  
WARRABA) (G, M)

NARICO (EA)

(4) 4 N, CR, also Muq. (Chiov. 1932). More  
or less leafless subsucculent root  
parasite (rec. on *Dobera glabra*,  
*Salvadora*).

*Cistanche* indet.

BATAATO MAYOONDE (HD)

*Orobanche cernua* Loefl. var. *nepalensis*  
Reut. (may = *O. minor* (UKWF))

HABLOHOR (HABLO BOR, HABLABOR) (G, M, EA)

DAGAYO-BOR (G)

GORO-WARAABE (ORO WARABA) (G)

KUSDUL (EA)

(0) 4 N. Herbaceous root parasite.

*Orobanche minor* Smith

N (Cuf. 1963). Herbaceous root parasite.

*Orobanche ramosa* L. var. *ramosa* (O. mutellii  
F. Schultz)

N (Cuf. 1963). Herbaceous root parasite.

### 254 LENTIBULARIACEAE FTEA 1973

*Utricularia gibba* L. (?U. exoleta R.Br.)  
Boni Forest, Kenya thus expected SW Som.  
Submergent aquatic.

*Utricularia inflexa* Forsk. var. *stellaris*  
(L.f.) P. Tayl. (U. stellaris L.f.)

(3) 3 S. Submerged aquatic in shallow  
pools.

### 257 BIGNONIACEAE

*Fernandoa magnifica* Seem.

Boni Forest, Kenya thus expected SW Som.  
Small tree.

*Jacaranda mimosifolia* D. Don

EX: jacaranda.

1 ( ) Afoooye. Tree.

*Kigelia africana* (Lam.) Benth. (K. aethiopun  
(Fenzl) Dandy, K. aethiopica Decne, K.

abyssinica Rich., *K. pinnata* (Jacq.) DC.,  
*K. somalensis* Mattei)

BAKARODOR (BOCORAL, BOCORALE, BOCCURAL, BORCALE,  
BORCHALE, BUCROR) (C, G, M)

BERDE (BARDE) (MOG, B)

CURAL (C)

SAG (C)

(1)1 S, Afgooye; expected CR acc. to  
?Chiov.; S (Cuf. 1963). Tree to 15 m.

*Markhamia zanzibarica* (DC.) Engl. (*Muenteria*  
*zanzibarica* (DC.) Seem.)

GEED RAAMOD, GED RAMUD (MOG, B)

GEED-CAD (GHEDED) (C)

GOODUDIS MADONE, GEDUDIS MADONE, GOODUOIS  
MODONE (B)

LUF, LUFF (MAC, B)

GEED IDEY (M)

(2)2 S; also Muq. (Cuf. 1963). Tree to 15  
m, also shrub.

*Rhigozum somalense* Hall.f.

BINIIN (BENIN, BININ) (MOG, G, M, EA, NWR)

(3)9 N. Shrub & little tree. [all  
localities seem W of 44°30'E]

*Stereospermum* sp.

(1) N. Woody.

*Tecoma stans* (L.) A. Juss. (*Stenolobium stans*  
(L.) Seemann)

EX.

S (Cuf. 1963). Cultivated as ornamental in  
tropics (Cuf. 1963). Small tree.

## 258 PEDALIACEAE FTEA 1953

*Josephinia africana* Vatke

GAUDI (EA)

MARUDI (EA)

KAHARMARODO (EA)

JONTA (EA)

(2)4 S. Dwarf shrub, possibly forb.

?*Pedalioidiscus macrocarpus* Ihlenf.

(0)1 CR. This forb, frequently confused  
with *Pedalium murex*, inhabits bushlands in  
E Kenya & is also recorded from the beach.  
Its status in Somali is not known.

*Pedalium murex* L.

-MAROODI (GANDAY-MARODI) (MOG)

XANJO (MOG)

CA-GHAR (C)

CAHAC-UEN (C)

KHANDUR (C)

KAHAR MAROODI (HD)

(15)2 CR, S. Procumbent or erect  
subsucculent annual with spiny fruit.

*Pterodiscus coeruleus* Chiov.

S (Cuf. 1963). Subsucculent forb.

*Pterodiscus heterophyllus* Stapf

DHABANKOOLIS (DABANKOLIS, DABAN KURIS) (G, M)

BURRIASI (G)

HANWILIS (G)

N (Cuf. 1963).

*Pterodiscus kellerianus* Schinz

BUCORAL (G)

DHABANKOOLIS (DABANKOLIS) (C)

EDDI-UELET (C)

CR, S (Cuf. 1963).

*Pterodiscus purpureus* Chiov.

BURDOLE (G)

CR (Chiov. 1929).

*Pterodiscus ruspolii* Engl. (*P. somalensis*  
Bak., *P. wellbyi* Stapf)

MAYRO (KH)

NAYLO KOBEIS (KH)

DHABANKOOLIS (DABANKULIS, DABANKOLIS)

(MOG, G, MOG, M)

BURRI WEY (G)

HANWILIS (MOG, G)

(4)6 S, CR, N. (Slightly) subsucculent  
perennial.

*Pterodiscus saccatus* S. Moore

N (Cuf. 1963).

*Pterodiscus undulatus* Bak.f.

DHABANKOOLIS (DABANHOLIS, DABAN KOLIS) (G, M)

BURKI MALA (G)

GASHANNUR (G)

GED MAS (G)

HANWILIS (G)

(7)1 N, CR. Slightly succulent forb.

*Pterodiscus* sp.

Beckett 998

(0)1 N: Gardo, 9°32'N 49°07'E, 700m.

Annual with slightly swollen rootstock.

- pterodiscus sp.  
 Gillett et al. 22407  
 (0)1 CR: 11 km SE of Bagecla on rd to  
 Hoby. Forb.
- pterodiscus indet.  
 BURDAD (C, M)  
DHABANKOOLIS (DAMAKULIS) (C)
- Sesamothamnus busseanus Engl.  
 SAW (KH, L)  
 SALALMAC, maybe SELELMAC (SALEEL MACE, SALLIL  
 MAN, SALELMA, SALE MAC, SALALMA, SALELMAH,  
 SELELMAH, SALAMACO) (C, B, G, KTS, MOG, M, KH, Wo)  
 SALEHMO AHDE (MOG)  
 LAAN JIID, LANJID (B, EA)  
 INDABEIL (C)  
 1(9)5 N, CR, S. Armed shrub or tree.
- Sesamothamnus rivae Engl. (*S. erlangeri*  
 Engl., *S. smithii* Stapf)  
 SALALMAC, maybe SELELMAC (SALAMA, SALLILMAN,  
 SELELMAH, SELELMAK, SALALMA, SULELMA, SALELMA,  
 SALAMA-ALI, SALAMOHO, SELELMAC)  
 (G, KTS, C, M, Ali 1986)  
 SAW (KH)  
 2(6)2 CR, N, S (incl. Cuf. 1963). Armed  
 shrubby tree.
- Sesamum indicum L.  
 SISIN (SINSIN, SISIM, SIMSIM) (C, MIS)  
 EX: sesame.  
 (0)3 S; N, CR, S (Kazmi 1985). Forb,  
 cultivated & an escape.
- Sesamum somalense Chiov. (syn?)  
 S (Cuf. 1963).

## 259 ACANTHACEAE+

*Acanthostelma thymifolium* (Chiov.) Bidgood &  
 Brummitt (*Neuracanthus thymifolius*  
 Chiov.)

SAAR-LA-DHIR (SAR-LA-DIR) ['vine with  
 plants'] (MOG)  
 (4) N. Monotypic endemic. Dwarf shrub,  
 infl armed.

*Acanthus gaed* Lindau  
 GEED? (GAED) (C)  
 (2) N mts. Armed shrub, lvs very spiny.

*Acanthus* (prob.) *sennii* Chiov. (*A. arboreus*  
 Forsk.)  
 (2) N mts. Armed shrub, lvs very spiny.

*Acanthus* sp.  
 Beckett 697  
 (1) Just N. Stunted armed dwarf shrub.

*Adhatoda schimperiana* Nees  
 (1) S: 10 km S of Kolbio, 1°13'S 41°17'E.  
 ?Woody forb.

*Anisotes involucratus* Fiori  
 DHUN\_DHUUG, DUN\_DUK (B)  
 MIRDHIS [or MERADHIS/MIRADHIS?] (MARAJAS,  
 MERIGIS, MERAGIS, MERDIS) (MOG, B)  
 5(6) CR, S, Afgooye. Shrub.

*Anisotes parvifolius* Oliv.  
 MIRDHIS (MEREDIS, MARAJAS) (B, KTS)  
 DHUN\_DHUUG (B)  
 CR, S (Cuf. 1964).

*Anisotes sessiliflorus* (Benth. & Hook.)  
 C. B. Cl.  
 CR, S (Cuf. 1964).

*Anisotes tanensis* C. Baden  
 (2) S. Shrub. (May be syn. with *A.*  
*involucratus* & *A. velutinus*).

*Anisotes trisulcus* (Forsk.) Nees incl. ssp.  
*webischebeliensis* C. Baden  
 MIRDHIS (MERDIS) (MOG, KH, Wo)  
 MAJABE (KH)  
 DHOONDHUUG (HD)  
 (12) CR, S; also N (Cuf. 1964). Shrub.

*Anisotes velutinus* Lindau  
 (2) N; prob. CR. Shrub.

*Anisotes* sp.

+Three major groups, based on stamen number:  
 1. Stamens 2

2. Stamens 4

3. Intermediate *Barleria*

Bally B11123

(1) N mts. Shrub.

*Asystasia anellioides* C.B.Cl.

ORBOMO (C)

Just S (Chiov. 1929), Afgooye (Chiov. 1932).

*Asystasia drake-brockmanii* Turrill

GINNUT (G)

BEGIA BERET (G)

(2) S; CR (?CRS) [common in S-SW, rarer in CR]. Woody forb or shrub, or scandent.

*Asystasia gangetica* (L.) T.Anders.

1(1) S incl. Balcad; N,S (Cuf. 1964).

*Asystasia* sp. aff. *gangetica* (L.) T.Anders.

Gillett et al. 24607

(1) CR. (Woody) forb.

*Asystasia guttata* (Forsk.) Brummitt (A.

coleae Rolfe, A. somalensis (Franch.)

Lebrun & Touss.)

(1) N mts.

*Asystasia laticapsula* Karlstroem (1975)

(1) S. Low forb.

*Asystasia parvula* C.B.Cl. (maybe = A.

*gangetica* - cf. Cuf. 1964)

(2) N mts; CR (Chiov. 1929); S (Cuf. 1964). Forb.

*Asystasia ritellii* Chiov.

S (Cuf. 1964).

*Asystasia schimperi* T.Anders. incl. var.

*grantii* C.B.Cl.

N,S (Cuf. 1964).

*Asystasia somalica* Gand.

S (Cuf. 1964).

*Barleria*++ *acanthoides* Vahl incl. var.

*gracilispina* Fiori

GODAX (KH)

XIDDIG (KH)

GEED-DEEBLE (MOG)

CARAACAR/CARAANCAR WEYN (ARRANAR-WEIN) (C)

++Armed and unarmed dwarf shrubs. The armed species in Somalia are:

*B. acanthoides*,

1(7) CR,N; also S (Cuf. 1964). Compact armed dwarf shrub.

*Barleria argentea* Balf.f. var. *argentea* &

var. *petiolosa* Chiov. (Somalia diffusa

Oliv., *Barleria diffusa* (Oliv.) Lindau)

GEED-XAREED (GED HARED) (MOG)

GEED-KURUS (W)

KURUSTUUR (W)

2(8) CR; N,S (Cuf. 1964). Unarmed dwarf shrub.

*Barleria aridicola* Engl.

N (Cuf. 1964).

*Barleria bicolor* Chiov.

S, just S (Chiov. 1932). Armed ?dwarf shrub.

*Barleria* ?*boehmii* (syn?)

(1) N mts. Forb.

*Barleria clinopodium* Fiori (syn?)

S (Fiori 1915). Unarmed dwarf shrub.

*Barleria eranthemoides* C.B.Cl.

WANCAD (WANA AD) (G,M)

GODAXTOOL (GUDAH-TOL, OTHAHATOL) (MOG, Wo)

CARAACAR/CARAANCAR (ARRAR) (G)

XAJIIN (W)

1(5) CR; N (Cuf. 1964). Armed dwarf shrub.

*Barleria glandulifera* Lindau (B.

*benadirensis* (Fiori) Chiov.)

(8) CR; N, ?S (Cuf. 1964). Unarmed dwarf shrub or woody forb.

*Barleria hildebrandtii* S.Moore

CHARTO (G)

XABOW? (HABO) (G)

GEED-CAD (GUEDAD) (C)

(2) N; also S (Cuf. 1964). Unarmed ?dwarf shrub or shrub.

*Barleria hochstetteri* Nees (cf. B.

?*glandulifera* Lindau)

(7) CR; N,S (Cuf. 1964). Unarmed dwarf shrub.

*Barleria homoiotricha* C.B.Cl.

N, ?S (Cuf. 1964).

*Barleria insericata* Chiov.

(2) S, CR. Unarmed dwarf shrub.

- Barleria jodocephala* Chiov.  
N (Cuf. 1964).
- Barleria lanceata* (Forsk.) C. Chr. (B. triacantha Nees)  
CARAACAR/CARAANCAR (ARAAN' AR) (MOG)  
(1) N; also Djibouti (K). Armed.
- Barleria longissima* Lindau  
(4) N (mts), CR. Armed (straggly) shrub.
- Barleria migiurtinorum* Chiov.  
N (Cuf. 1964).
- Barleria mucronifolia* Lindau  
(1) N; N,S (Cuf. 1964). Armed dwarf shrub.
- Barleria orbicularis* T. Anders.  
(2) S. Unarmed (low) woody forb or forb.
- Barleria paolii* Fiori (syn?)  
S (Fiori 1915). Armed dwarf shrub.
- Barleria parviflora* T. Anders.  
GETAWE, GETUWE (G, MOG)  
(10) N, CR. Unarmed dwarf shrub.
- Barleria prionitis* L. ssp. *prionitis*  
CARAACAR/CARAANCAR (ARAN-ARR, ARRANAR) (C)  
EX.  
N (Cuf. 1964). An Asian plant, status in Somalia uncertain.
- Barleria proxima* Lindau  
QODAXTOOL (ADAN TONLE, ODON TONLE, ODON-TONLEH-  
-ARAN) (C, G, KH)  
QODAX (KH)  
GEED-GOODIR? (GETGOTHEIR) (MOG)  
CARAN-CAD? (ARAN AD) (G)  
CAD (AD) ['white'] (C)  
T(B)1 CR, N, S. Armed sometimes cushion-like  
dwarf shrub.
- Barleria puccionii* Chiov.  
(1) N. Armed dwarf shrub.
- Barleria punctata* Milne-Redh.  
CARAN-CAD? (ARAN-AD) (C)  
N (Cuf. 1964).
- Barleria quadrispina* Lindau [is this  
confusable with B. = Popov 1161?]  
MICI-RATI (KH)
- QODAXTOOL (OTHAHATOL) (KH, W)  
XIDDIG (KH)  
CARAN-CAD? (ARAN-AD) (C)  
2(7) N, ?Afgocye; N, ?S (Cuf. 1964). Armed  
dwarf shrub.
- Barleria 'quadrispina'* Lindau = Hansen &  
Heemstra 6150, G & W 23422, H & W 3179  
(3) CR. Armed dwarf shrub, may ascend in  
shrubbery.
- Barleria ramulosa* C. B. Cl.  
2(1)2 S. Armed dwarf shrub.
- Barleria rotundifolia* Rendle  
N (Cuf. 1964).
- Barleria salicifolia* S. Moore (B. stellato-  
tomentosa S. Moore)  
S (Cuf. 1964).
- Barleria scassellatii* Fiori (syn?)  
S (Fiori 1915). Unarmed forb.
- Barleria smithii* Rendle  
N (Cuf. 1964).
- Barleria stelligera* Lindau  
GEED-SAGAARO (GEED SAGOOR, GED SAGAR) (MOG, B)  
(7) S, N. Unarmed dwarf shrub.
- Barleria trispinosa* (Forsk.) Vahl  
N (Cuf. 1964).
- Barleria umbrosa* Lindau  
S (Cuf. 1964).
- Barleria waggana* Rendle  
(5) CR; N (Cuf. 1964). Armed compact  
(cushion-like) dwarf shrub.
- Barleria* ?n.sp.  
Bally & Melville 15307, Kuchar 16910, 17042  
(4) CR. Unarmed dwarf shrub.
- Barleria* sp. 'Q' in EA  
(1) S. Armed dwarf shrub.
- Barleria* sec. *Acanthoidea* sp.  
Gillett et al. 22350, Kuchar 16730  
(2) CR. Dwarf shrub.
- Barleria* sec. *Prionitis* sp.  
Popov 1161, Gillett 23030 etc.

MICI TOO' (KH)

XIDDIG (KH)

GORDAH (MOG)

(5) N, CR. Armed dwarf shrub.

*Barleria* indet.

YAMAARO (MOG)

HABNALE (MOG)

FOOD-CADE- (FODADMADIINA, FODADMADENA) (B)

QODAXTOOL (ODAX TOOL, ODATOLE) (B)

SAREN, SARIN (B)

SHINSHA (B)

*Blepharis ciliaris* (L.) B.L. Burtt (incl. *B. edulis* (Forsk.) Pers., *B. persica* (Burm. f.) O. Kuntze)

YAMAARUG (YAMARUG, YAMAROOG, JAMARUG, JAMMARU, YEMAROUG, YEMARUG) (C, G, L, M, KH, MOG, Ali 1986)

XIDDIG (KH)

MANJA XIITOLE (MANJAHITOLE) (G, M)

SHINSHA, SHINSA (B)

GAHIYE, GAHIR (B)

CARAACAR/CARAANCAR (ARRAN ARR, CORAHAR, ARRANAR, GAHARRE) (C, G, L, M, NWR)

CARAN-CAD? (ARAN AD) (G)

HADIG, HEDIG (G)

1(7)1 CR, S, also N (Cuf. 1964). Armed low annual.

*Blepharis fruticulosa* C.B. Cl.

CARAN-CAD? (ARANAD) (G)

XABAG (HABAG) (G)

YAMAARUG (YAMARU, YAMARUG) (G)

XABAG-YAMAARUG (HABAG-YAMARU) (C)

MIRGI-DALIS (C)

(4) N. Armed dwarf shrub.

*Blepharis glinus* Fiori

(2) CR; S (Cuf. 1964). Armed subprostrate forb.

*Blepharis hildebrandtii* Lindau

GETUWI (MOG)

(5) N; CR. Armed dwarf shrub.

*Blepharis linariifolia* Pers. (*B. hirta* (Nees) Chiov., perhaps = *B. ciliaris*)

KAXAR (KH)

YAMAARUG (YAMARUG, YUMERUK) (MOG, Wo)

1(6) CR, S; N (Cuf. 1964). Armed annual.

*Blepharis maderaspatensis* (L.) Roth  
N, S (Cuf. 1964).

*Blepharis obovata* Chiov.

S (Cuf. 1964).

*Blepharis phillipsiae* Rendle

GETAWE (MOG)

RUGSEY (KH)

?QASHIN (EA)

MADAX\_KOOS (KH)

(7) N, CR. Very compact dense-crowned armed dwarf shrub.

*Blepharis tanae* Napper

(1) S. Unarmed dwarf shrub.

*Blepharis* ?n.sp.

Bally & Melville 15332

(1) CR. Armed scrambling dwarf shrub.

*Blepharis* ?n.sp. = G & W 23394

(1) N. Dense dwarf shrub.

*Blepharis* ?n.sp.

Lavranos & Carter 23266

(1) Muq. Creeping subsucculent forb.

*Crabbea reticulata* C.B. Cl.

S (Cuf. 1964).

*Crabbea velutina* S. Moore

Boni Forest, Kenya thus expected SW Som.

*Crossandra baccarinii* Fiori

S (Fiori 1915); NE Bay Region (O'Brien 1986). ?Dwarf shrub.

*Crossandra infundibuliformis* (L.) Nees ssp. *brachystachyus* (Franch.) Napper (C. "rhynchocarpa" of N Som.)

(1) N mts. ?Dwarf shrub.

*Crossandra mucronata* Lindau

GHEDABODAN (C)

(2) S; NE Bay Region (O'Brien 1986). (Scrambly) woody forb.

*Crossandra nilotica* Oliv. [C. *rhynchocarpa* (Kl.) Cuf.]

SARIN (MOG)

(2) N mts. Woody forb.

*Crossandra spinosa* Beck

KAXAR (W)

1(8) N, CR, S. Woody forb, low or scrambling to 3 m; infl. armed.



*Crossandra stenostachya* (Lindau) C.B.Cl.  
var. *somalensis* Fiori  
S (Cuf. 1964).

*Dicliptera suffruticosa* J.R.I.Wood  
(1) N mts. (Woody) perennial forb.

*Dicliptera verticillata* (Forsk.) C.Chr.  
SAREEN (M)  
(1) N mts. Forb.

*Duosperma eremophilum* (Milne-Redh.) Brummitt  
(*Disperma eremophilum* Milne-Redh.)  
SARIN (SURIN, SERIN) (MOG, Wo)  
SARIIN (HD)  
RAMAX (W)  
(17) N, CR, S. Low dwarf shrub.

*Dyschoriste actinotricha* Chiov.  
S (Cuf. 1964).

*Dyschoriste fruticulosa* (Rolfe) Chiov. (D.  
*somalensis* Rendle)  
GAGALEH (C)  
N (Cuf. 1964).

*Dyschoriste lycioides* Chiov.  
BADANTI (C)  
(6) N. Unarmed dwarf shrub.

*Dyschoriste nummulifolia* Chiov.  
N (Cuf. 1964).

*Dyschoriste radicans* Nees  
N (K).

*Ecbolium amplexicaule* S. Moore  
(1) S: 10 km S of Kolbio, 1°13'S 41°17'E.  
Woody forb.

*Ecbolium barlerioides* (S. Moore) Lindau  
N, S (Cuf. 1964).

*Ecbolium gymnostachyum* (Nees) Milne-Redh.  
(*E. parvibracteatum* Rendle)  
(1) N (mts). Dwarf shrub or woody forb.

*Ecbolium revolutum* (Lindau) C.B.Cl.  
S (Kazmi 1985).

*Ecbolium striatum* Balf.f.  
S (Cuf. 1964).

*Ecbolium violaceum* (Vahl) Hillcoat &  
J.R.I.Wood (*E. anisacanthus* (Schweinf.)  
C.B.Cl.)

JAC-JACLE (JA-JALE) (G, M), JACJACLIHA (M)  
MUD WEINE, MUD WEINA (MOG, B)  
HABNALE, HOB-NOLE, HUBNOLE (G, MOG)  
NAGAAR (NAGAR) (G)  
SAN RIIBI (HD)

(9) S, CR, N. Unarmed dwarf shrub.

*Ecbolium viride* (Forsk.) Alston (*E.*  
*linnaeanum* Kurz)

?DAMUG (MOG)  
?HOBNOLE (MOG)  
CALEEN MADOW (ALEN MEDU) (G)  
CRUSTUR, CURUSTUR (C, G)  
FILFIL AULIE (G)  
LANARIR (G)  
HILOW (M)

(12) CR, S, N. Softly to stiffly shrubby  
forb, maybe dwarf shrub.

*Ecbolium* indet.  
XARMALA (SAR)

*Elytraria acaulis* (L.f.) Lindau var. *acaulis*  
(1) S. Rosette forb.

*Elytraria marginata* Vahl  
S (Cuf. 1964).

*Golaea migiurtina* Chiov.  
N (Cuf. 1965).

*Hemiruellia* sp.  
NAGAAR/NAGAADH (NAGGARD) (C)

N (Cuf. 1965). This name appeared without a  
description in Drake Brockman (1912) based  
on his coll. no. 145. Cufodontis (1965)  
quoted this and added nothing. A search  
at K has failed to locate this specimen  
under Hemiruellia or plausible generic  
alternatives. The vernacular name acc. to  
Glover is applied to several quite diverse  
plants.

*Hygrophila auriculata* (Schum.) Hiern [Heine?]  
Boni Forest, Kenya thus expected SW Som.

*Hypoestes carnosula* Chiov. (?a form of *H.*  
*verticillaris*)  
1(3)1 S, Muq. Small woody cushion-forming  
perennial.

*Hypoestes forskalii* (Vahl) R.Br. (H.  
*verticillaris* (L.) Roem. & Schult.)  
~~GEED-WARAABE~~ (GEED WARAADO, GED  
 WARAWREH) (MOG, G)  
 ALEN MEDU (G)  
 HORSOHARR (C)  
 FARAHOD (MOG)  
 1(5) N; N, CR, S (Cuf. 1964). Woody forb.

*Hypoestes hildebrandtii* Lindau  
 FAARAYOOD (FARA HOT) (G, NWR)  
~~GEED-WARAABE~~ (GED WARABA, GED WARABI) (G)  
 GORMIE (C)  
 1(6) N; just S (Chiov. 1932); S (Cuf.  
 1964). Soft dwarf shrub or woody forb.

*Hypoestes* indet.  
 HOHOSDHAT (C)

*Justicia*+ *anisotoides* [?] J. R. I. Wood  
 N: type loc. (Wood 1984, p. 126).

*Justicia anselliana* (Nees) T. Anders.  
 (1) N mts. Forb.

*Justicia aridicola* Rendle  
 (1) N (mts). Forb.

*Justicia baravensis* C.B.Cl.  
 S (Cuf. 1964).

*Justicia caerulea* Forsk.  
 2(2) N mts, S, Afgooye, NE Bay Region  
 (O'Brien 1986). Forb, possibly woody  
 toward base.

*Justicia cordata* (Nees) T. Anders.  
 S (Cuf. 1964).

*Justicia diffusa* Willd.  
 N (Cuf. 1964).

*Justicia dodonaeifolia* Chiov.  
 N (Cuf. 1964).

*Justicia exigua* S. Moore

(1) NE of Muq.; NE Bay Region (O'Brien  
 1986). Prostrate annual or short-lived  
 perennial.

*Justicia fischeri* Lindau  
 S (Cuf. 1964).

*Justicia flava* (Vahl) Vahl  
 TIMOFAXIS (KH)  
~~GEED-WARAABE~~ (GEED WARAABI, GED WARABI) (G, MOG)  
 CAWS-CAD (AUS AD, HOS' HAD) (G)  
 OKAS (G)  
 YAGAR (L)  
 2(15) N, Muq, CR; S (Chiov. 1932). Forb  
 (or dwarf shrub), can be scrambly or  
 procumbent.

*Justicia* sp. aff. *J. flava* Vahl = Gillett et  
 al. 22541 (specifically distinct?)  
 (3) CR. Forb.

*Justicia gendarussa* Burm.  
 EX.  
 S (Cuf. 1964).

*Justicia gillettii* Chiov.  
 N (Cuf. 1964).

*Justicia grisea* C.B.Cl. (*Duvernoia*  
*somalensis* Lind. non *Justicia somalensis*  
 Franch.)  
 S (Cuf. 1964).

*Justicia heterocarpa* T. Anders.  
 CAWS-CAD (AUS AD, HOSO' HAD) (G)  
 (1) N. Forb.

*Justicia leucoclada* Chiov.  
 N (Cuf. 1964).

*Justicia* sp. cf. *J. leucoclada* Chiov.  
 Gillett et al. 22147, Wieland & Gahair 4053  
 BEERKE YERO (W)  
 1(1) CR. Woody forb.

*Justicia lorteeae* Rendle  
 (1) N (mts). Woody forb.

*Justicia minutifolia* Chiov.  
 DHEGDHEG (KH)  
 FIIDO=FIIDOLE (KH)  
 MERKIADALIS, MARA GED DALIS, MERKO EDALIS,  
 MIRGI ADALIS, MIRGIYO DALIS) (G, MOG)  
 GEED-WEYN? (GETAWEIN) (MOG)

+Sections:

BUUXISO (NWR)

(3) N (mts). (Prostrate) dwarf shrub.

*Justicia* sp. aff. *J. minutifolia* Chiov.

(2) CR. Dwarf shrub.

*Justicia nelsonioides* Fiori

S (Cuf. 1964). Forb.

*Justicia odora* (Forsk.) Lam.

(1) CR; N, S (Cuf. 1964). Woody forb or dwarf shrub.

*Justicia* sp. aff. *odora*BOHISO (MOG)

(2) N.

*Justicia ovalifolia* Fiori (var. *psammophila* Fiori) (may = *J. flava* (Vahl) Vahl)

2(3) Muq. Forb, may be woody at base.

*Justicia palustris* (Hochst.) T. Anders.

N, S (Cuf. 1964).

*Justicia paolii* FioriNURI (C)

S (Fiori 1915). Forb.

*Justicia phillipsiae* RendleNAGAAR-MADOW (NAGGARD-MADOW) (C)

N (Cuf. 1964).

*Justicia romaniae* Schweinf. & Volkens

S (Cuf. 1964).

*Justicia scabrula* Chiov.

(1) N. Woody forb.

*Justicia schimperiana* (Nees) Anders.(Adhatoda *schimperiana* Nees)

N, S (Cuf. 1964).

*Justicia smithii* S. Moore

N (Cuf. 1964).

*Justicia somalensis* Franch.

N (Cuf. 1964).

*Justicia stachytarphetoides* (Lindau) C. B. Cl.

S (Cuf. 1964).

*Justicia tanaensis* C. B. Cl.

S (Cuf. 1964); expected CR acc. to ?Chiov.

*Justicia uncinulata* Oliv.

1(3) N mts; Muq. (Kazmi 1985). Creeping (?short-lived) perennial.

*Justicia* sp. aff. *uncinulata* Oliv.

Kuchar 16980

(1) CR: Buulo Burte, 3°53'N 45°30'E. Dwarf shrub.

*Justicia urbaniana* Lindau

N (Cuf. 1964).

*Justicia* sp. aff. *urbaniana* Lindau

(1) N (mts). Woody forb, (dwarf shrub?).

*Justicia* ?n. sp. 1

Gillett et al. 22599, 22699

(2) CR: Buulo Burte. Dwarf shrub, shrub.

*Justicia* ?n. sp. 2

Kuchar 16353, 16720

(2) CR: Buulo Burte. Dwarf shrub.

*Justicia* ?n. sp. 3

Lavranos &amp; Carter 23285

(1) CR: 3°26'N 46°47'E. Dwarf shrub, woody forb.

*Justicia* indet.

CAWS ALDOL (M)

SARIN (M, M, C)

BADANTI (MOG)

HABORAD (MOG)

PUHISSO (MOG)

FODASSI (C)

GHARR (C)

TIMO-YERYER (C)

*Lepidagathis aparine* Chiov.

S (Cuf. 1964).

*Lepidagathis calycina* Nees

(3) CR; N, S (Kazmi 1985). Unarmed scandent forb, dwarf shrub.

*Lepidagathis scariosa* NeesSHIISHE, SHISHI, SHINSHI (B, EA)

(1) 2 N, S (incl. Cuf. 1964). Woody forb or shrub.

*Lindauea speciosa* RendleUAROS (C)GED YEHAS (Wo)

S (Cuf. 1964).

- Megalochlamys linifolia* (Lindau) Lindau  
(includes a large-fruited var. = B & M  
15296, Kuchar 16558)  
JAMBEY (KH)  
BUSKULLE (BASCALLA) (C)  
KURUSTUUR (W)  
SHANBOXIE (MOG)  
2(14) CR, N. Dwarf shrub (or woody forb).
- Megalochlamys* ?n.sp.  
Gillett & Beckett 23298, Kasmi et al. 5355  
(4) CR. Small straggling shrub.
- Monechma debile* (Forsk.) Nees (M.  
bracteatum Hochst.)  
AUS FILTER (MAC)  
5(5) N, CR, S. Annual.
- Monechma scabrinervis* C.B.Cl.  
Jowhar (Chiov. 1934).
- Monechma troglodyticum* Chiov.  
(1) N (mts). Forb.
- Nelsonia canescens* (Lam.) Spreng. (N.  
campestris R.Br., *Justicia canescens* Lam.)  
N (Cuf. 1964).
- Neuracanthus "argyrophyllus"* Chiov.  
ROCCO (MOG)  
CARAAR-MADOW (ARAAR MEDU) (MOG)  
OTHAHATOL (Wo)  
(8) N. Dwarf shrub or woody forb, infl  
armed.
- Neuracanthus cladanthacanthus* Chiov.  
(1) NE of Eil. Very small armed forb  
(dwarf shrub?).
- Neuracanthus polyacanthus* (Lindau) C.B.Cl.  
BUUXOOW (KH)  
SARIN (SARAN) (C, KH)  
SARIN-DAMEER (KH)  
ROOXO (RO-OH) (MOG)  
CAGAAR (AGAR) (MOG)  
CAGAAR-MADOW? (ARAR MEDU) (MOG)  
RODA (C)  
RAKO (MOG)  
OTHAHATOL (Wo)  
(17) CR, N, S (incl. Cuf. 1964). Weakly  
armed dwarf shrub or woody forb.
- Neuracanthus praecanus* Bidgood & Brummitt  
ined.  
BUXOW (KH)  
(2) CR. Low dwarf shrub.
- Neuracanthus robecchii* (Lindau) C.B.Cl.  
Prob. CR (type from Merehan fide JBG).
- Neuracanthus* n.sp. (*N. capitatus* Balf.f.  
sensu Cuf. 1964, *N. robecchii* (Lindau)  
C.B.Cl. sensu Kazmi 1985  
Muq.
- Neuracanthus scaber* S. Moore  
S (Cuf. 1964).
- Neuracanthus stolonosus* Chiov.  
XIDDIG (KH)  
(3) CR. Low woody forb or dwarf shrub, may  
be cushionlike.
- Neuracanthus* sp. 'D' in EA  
(3) S. (Dwarf) shrub, woody forb.
- Neuracanthus* sp.  
Beckett & White 1524, 1665, G & H 24712  
(4) S. Dwarf shrub.
- Neuracanthus* indet.  
DEG DEGO (MAC)  
WASHEGARR (MAC)
- Peristrophe paniculata* (Forsk.) Brummitt (P.  
bicalyculata (Retz) Nees)  
1(3) Muq., Afgooye, N; CR (Chiov. 1929);  
also S (Cuf. 1964). Annual.
- Rhinacanthus gracilis* Kl.  
S (Cuf. 1964).
- Rhinacanthus rotundifolius* C.B.Cl.  
(1) S. Woody forb.
- Ruellia bracteophylla* Chiov.  
N (Cuf. 1964).
- Ruellia carnea* Balf.f. var. *carnea* & var.  
*cinerea* Chiov.  
?GEED-CAD (GED AD) (MOG)  
BILEH (C)  
(12) CR; N, CR, S (Cuf. 1964). Erect or  
straggling (dwarf) shrub.
- Ruellia chiovendae* Fiori

N, S (Cuf. 1964).

*Ruellia discifolia* Oliv.

XABOW (HABO) (G)

SONO (G)

WANCAD (WANAD) (G)

4(6) N, CR. Dwarf shrub, (shrub).

*Ruellia galactophylla* Chiov.

N (Cuf. 1964).

*Ruellia leucoderma* Lindau

?S (Cuf. 1964).

*Ruellia linearibracteolata* Lindau

JAI (B/Burte:C)

(2) CR; N, S (Cuf. 1964). Dwarf shrub.

*Ruellia patula* Jacq.

XIMINOOLE (MOG)

NAGAAR/NAGAADH-CAD (NAGADCAD) (MOG)

GEEGALI? (GAGALEH) (G)

SEED DEEBLE (MOG)

WANSHAGAAR (HD)

2(8) CR; N (Cuf. 1964), S (K). Slightly woody forb.

*Ruellia prostrata* Poir.

N, S (Cuf. 1964).

*Ruellia sokotrana* Vierh. (near *R. patula* Jacq.)

CR (Cuf. 1964).

*Ruellia sudanica* (Schweinf.) Lindau

S (Cuf. 1964).

*Ruellia* sp. 'A' (*R. ?linearibracteolata* Lindau)

XARUM (KH)

(6) N, CR. Dwarf shrub.

*Ruellia* sp. (near *R. carnea*)

GEED SUBAGLEH (GED SARIB?JAGLE) (MOG)

SAIRA BUR (MOG)

(2) N.

*Ruspolia hypoc crateriformis* (Vahl) Milne-Redh.

(2) S. Is it a woody forb or shrub?

*Ruspolia pseudèranthemoides* Lindau

S (Cuf. 1964); expected CR acc. to ?Chiov.

*Ruttya fruticosa* Lindau

ILCAS (IL-AS, ILCAS, ELAS) (G, KTS, M)

GHARGHARLO (G)

RUGUMBER (C)

(3) N mts. Shrub.

*Satanocrater coccineus* (S. Moore) Lindau

(probably incl. Beckett & White 1591 from Bay Region)

ALASH (MOG)

ALARI (MOG)

QOR DUGAAL (MOG)

JIMBA? (CHIMBA) (C)

ALAHRIYER (C)

MALIBU (Wo)

(8) S, CR, N. Prostrate sub-evergreen strongly aromatic shrub.

*Satanocrater paradoxus* (Lindau) Lindau

1( )1 [sort from S. Som.] S. Shrub.

*Satanocrater ruspolii* (Lindau) Lindau

(*Ruellia ruspolii* Lindau)

MAJABE (MAGGIABE) (C)

Types from Ogaden but also recorded (under the name *S. fellatensis*) from S Som. (Mansur, on the Jubba R. at 2°12'N) (Cuf. 1964). Probably a form of *S. somalensis* with an unusually large calyx. The statement by Cuf. that this = *S. fellatensis* Schweinf. from the Sudan is erroneous.

*Satanocrater somalensis* (Lindau) Lindau

(*Ruellia somalensis* Lindau; prob. incl. *S. ruspolii* (Lindau) Lindau)

ILCAS (ELAS, IL AS) (G, M)

UUR-DHUGAAL (KH)

(4) [remove *S. paradox.*] CR; N, S (Cuf. 1964). Sub-evergreen strongly aromatic shrub.

*Satanocrater* indet.

DUFUN (B)

UR-DHUGAAL, OOR DUGAL (B)

JAADE JAADE (HD)

*Thunbergia affinis* S. Moore var. *pulvinata* S. Moore

MARMAROOD (MARMAROD, MARMAROLEH) (C, MOG)

(3) N. Shrub.

*Thunbergia alata* Sims

EX?

N (Cuf. 1964). - Grown as an ornamental (Cuf. 1964).

*Thunbergia gigantea* Lindau  
S (Cuf. 1964).

*Thunbergia guerkeana* Lindau (*T. chiovendae*  
Fiori, *T. glandulifera* Lindau)  
DABAYOOD (DABAYOD) (MOG)

(4) N, S, CR. (Woody) vine or creeper.

*Thunbergia spinulosa* Chiov.  
S (Cuf. 1964).

*Thunbergia* indet.  
SHIMBRYOLE (Wo)

ACANTHACEAE ?GEN. NOV. = Gilbert et al. 8202  
Kuchar 16563

(1) CR: Hiiraan Region. Dwarf shrub.

EXCLUDED:

*Isoglossa somalensis* Lindau Cited in  
Glover 1947 but doubtful despite specific  
epithet.

*Neuracanthus capitatus* Balf.f. Socotra  
only.

260 GLOBULARIACEAE

*Globularia alyssum* L.  
(0)4 N: cliffs, escarpment. Low dwarf  
shrub, foliage blackening on drying.

*Globularia arabica* Jaub. & Spach [filed  
under 238 in MOG]  
(1) N. Forb.

*Poskea africana* Vatke  
N (Cuf. 1964).

*Poskea newbouldii* Braggio  
N (Kazmi 1985).

*Poskea socotrana* (Balf.f.) G.Tayl.  
(*Cockburnia socotrana* Balf.f., *C.*  
*somalensis* Chiov.)

(0)1 N, also Socotra. Shrub, lvs blacken  
on drying.

263 VERBENACEAE+

*Avicennia marina* (Forsk.) Vierh. (A.  
*officinalis* auct. afr. non L.)  
TAKHAYE? (TAKAI, TAKHAI, TAKHEI, TOKHAI) (G, MOG)  
MUTU (C)

SCIOVRI (C)

(4) N; Muq., S (Chiov. 1932). Evergreen  
tree: a mangrove. Sometimes placed in its  
own family Avicenniaceae[?].

*Chascanum arabicum* Moldenke  
N (Cuf. 1962).

*Chascanum gillettii* Moldenke  
UBOLOLU (C)

(5) N, S, CR. Woody ?annual forb.

*Chascanum hildebrandtii* (Vatke) Gillett (*C.*  
*africanum* Moldenke, *Stachytarpheta*  
*hildebrandtii* Vatke)

UBOLOLU (G), WABOLOLU (G), YIBLULA,  
YOUBLULU (G)

URAGOT (EA)

(4)5 S, CR. Short-lived (woody) perennial.

*Chascanum* sp. aff. *hildebrandtii* (Vatke)  
Gillett

Lavranos & Carter 23281

(1) CR: 3° 26' N 46° 47' E. Woody forb.

*Chascanum marrubiifolium* Walp.  
S (Cuf. 1962).

*Chascanum rariflorum* (Terracc.) Moldenke  
S, ?CR (Cuf. 1962).

*Chascanum sessilifolium* (Vatke) Moldenke  
(*Bouchea sessilifolia* Vatke)

DHALOOL (DALOL) (G. M)

(3) N. ?Subsucculent woody forb.

*Clerodendrum acerbianum* (Vis.) Benth. &  
Hook.

BAGNI-BERET (G)

JESOMIN (C)

GEED-KAAR (SAR)

+Mostly shrubs & trees; herbs & woody forbs  
include *Chascanum*, (*Coelocarpum*?), *Phyla*,  
*Priva*, *Svensonia*.

AWALLE (HD)

(10) S. Shrub.

*Clerodendrum eburneum* Chiov.  
S (Cuf. 1962).

*Clerodendrum eriophyllum* Guerke  
Boni Forest, Kenya thus expected SW Som.

*Clerodendrum glabrum* E. Mey.  
?Expected SW.

*Clerodendrum hildebrandtii* Vatke  
1(1)1 S; NE Bay Region (O'Brien 1986).  
Shrub.

*Clerodendrum incisum* Klotzsch var. *vinosum*  
Chiov.  
S (Cuf. 1962).

*Clerodendrum johnstonii* Oliv.  
?S (Cuf. 1962).

*Clerodendrum ?makanjanum* Winkler  
Thulin & Warfa 4494  
(1) S; Jelib. Dwarf shrub (shrub?).

*Clerodendrum microphyllum* Thomas  
DHUMOOD (DUMOT, DUMOG, GUMOT, DUMOD) (C, MOG)  
(12) N, CR; prob. S. Shrub or (shrubby)  
little tree.

*Clerodendrum ?n.sp. aff. C. microphyllum*  
Thomas  
(1) CR. Shrub.

*Clerodendrum myricoides* (Hochst.) Vatke  
incl. var. *grosseserratum* Guerke  
DALLOOL/DHALLOOL? (DALLOL) (G, M)  
HRIA NASH, GHRIA-NASH, GRIA NASH (EA, C, MOG)  
MARARI (G), MUSERICH (G), MAGARI (C)  
(1)2 N; also S (Cuf. 1962). Shrub.

*Clerodendrum neumayeri* Vatke  
(2) N mts. Shrub.

*Clerodendrum robecchii* Chiov. var.  
*macrophyllum* Chiov.  
DHUMOOD (DUMOD, DUMOTT) (C)  
S, possibly CR (Cuf. 1962).

*Clerodendrum somalense* Chiov.  
S.

*Clerodendrum* poss. *C. somalense* Chiov.  
(2) S. Shrub.

*Clerodendrum ?n.sp.*  
Gillett et al. 22540  
(1) CR. Shrub.

*Clerodendrum* indet.  
XARMALI (KH)

*Coelocarpum africanum* Moldenke  
N (Cuf. 1962).

*Lantana camara* L. (*L. trifolia* L.)  
EX: ornamental, could become a noxious weed.  
(3) Muq., Afgooye, N. Weakly armed odorous  
shrub.

*Lantana concinna* Bak. incl. var. *macrophylla*  
Chiov.  
N, S (Cuf. 1962).

*Lantana* (?) *kisi* A. Rich.  
(1) N. Dwarf shrub.

*Lantana petitiana* Rich. (*L. microphylla*  
Franch.)  
GEED XAMAR (GED HAMAR, GED HAMER, GEID  
HAMAR) (G, M)  
ANA DICHE (G)  
(4) N; also S (Cuf. 1962). Dwarf shrub.

*Lantana rugosa* Thunb. (*L. salvifolia* Jacq.)  
GEED XAMAR (GED HAMAR) (G, M)  
DIKRI (G)  
KABI (G)  
(1) N. Dwarf shrub, (shrub).

*Lantana viburnoides* (Forsk.) Vahl  
JAD (KH)  
REEXAAN (REEXAN) (KH)  
GEED XAMAR (GED HAMAR) (MOG, G, M)  
(9) N, S, CR. Aromatic dwarf shrub, shrub.

*Lantana* indet.  
BOHEY (Wo)

*Lippia carviadora* Meikle incl. var. *minor*  
Meikle  
DHAYEDHABE (KH)  
REEXAN (KH)  
GEED XAMAR (GED HAMAR, GED-HAMER) (C, MOG)  
HRIERH (MOG)  
(14) CR, N. Dwarf shrub.

Lippia dauensis (Chiov.) Chiov. (Lantana dauensis Chiov.)  
REEXAAN (RIIXAAN, REHAN) (MOG, Ali 1986)  
(4) Balcad, Afgooye, S. Dwarf shrub, shrub.

Lippia somalensis Vatke  
(4) N mts. Shrub.

Phyla nodiflora (L.) Greene (Lippia nodiflora (L.) Rich.)  
HENNOLE (G)  
SARMUDU (C)  
BEG\_YAXAAS (M)  
(9) CR, Ni also S (Cuf. 1962). Prostrate ?annual.

Premna oligotricha Bak.  
GHRADHA-GHRADHA (EA)  
(0)4 Ni expected S since found in Boni Forest, Kenya. (Possibly Gillett et al. 25048 is this & not P. resinosa - note lvs blackened, serrate in distal 1/2)

Premna resinosa Schauer  
JACJAC/JACJACLE (CHAC-CHALEY, CHACHALAY, CHAC-CHALAY, JADE JADE) (EA, MOG, KH, L, HD)  
GARAN GAARE, GARAN GARA (B)  
GADA-GADA, GHADA-GHADA (C)  
DHUMOOD (DUMOT) (MOG)  
JERO (G)  
CHEJERO, JERO-JEERO, JERA JERO, JER JERO, CHE-CHEDO, CHED-CHEDO, CHERCHEDO, CHECHERO, CHECHEO, CHALAN-JERO (EA, C, G, MOG)  
CAGAD (G)  
[?]MARJIS (HD) [H&D JESS/86/11]  
2(19)18 CR, N, S. Shrub.

Premna schimperi Engl. (P. viburnoides A. Rich.)  
HADAD (G)  
N (Cuf. 1962).

Premna senensis Klotzsch  
S (Cuf. 1962).

Premna somaliensis Bak.  
(1) N mts. Shrub.

Premna suaveolens Chiov.  
S (Cuf. 1962).

Premna velutina Guerke  
Boni Forest, Kenya thus expected SW Som.

Priva adhaerens (Forsk.) Chiov.  
(2) Ni just S (Chiov. 1929). Annual.

Priva cordifolia (L.f.) Druce var. abyssinica (Jaub. & Spach) Moldenke  
DAG-DAG, DEG-DEGU (C)  
(1) Si N, S (Cuf. 1962), Afgooye (Kazmi 1985). Forb.

Priva ?curtisiae Kobuski (P. bellinii Chiov.)  
(2) Muq. Woody forb or ?soft dwarf shrub.

Priva leptostachya Juss.  
(2) N. ?Forb.

Svensonia laeta (Walp.) Moldenke  
(1) Ni possibly CR/S (Cuf. 1962). Dwarf shrub.

Svensonia moldenkei Gillett  
(4) CR; N (Cuf. 1962). Dwarf shrub.

Verbena officinalis L.  
(1) N. Forb.

Vitex ferruginea Schum. & Thonn.  
Boni Forest, Kenya thus expected SW Som.

Vitex madiensis Oliv.  
S (Cuf. 1962).

Vitex mombassae Vatke  
S (Cuf. 1962).

Vitex negundo L.  
GEED-CAD (GHED-AD) (C)  
SHE-SCIAMAD (C)  
MADAX- (MADUC-BOC) (C)  
GOBWEYN (EA; or is this a locality?)  
EX?  
1(0)1 S. Shrub.

Vitex tangensis Guerke  
MADACH-BOCH, MADAC-BOC (C)  
S (Cuf. 1962).



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APPENDIX 1. Somali words and expressions that are incorporated into the vernacular names of plant. A preceding question mark indicates obscurity or doubt as to the expression's validity.

?aay mud puddle  
 af mouth  
 afgub mouth-burn  
 ari goats  
 ari smallstock, shoats  
 caanamacays ('anno ma'ice) acc. to one source refers to burnt plant used for cleaning the hands or milk vessels  
 aruundo thorny, weedy shrub, mostly applied to certain Solanum spp.  
 awr male camel  
 ayax makare locusts cannot  
 baaro poisonous; or dirt  
 baciid oryx  
 badeed relating to the sea  
 badowi nomad  
 bahal breast, thing  
 bal stalk (as in crop)  
 ban open grassy plain  
 berde gen. term for figs (also cf. mukey)  
 biciid oryx  
 ?bisduga 'water drink', alluding to the water-holding bark [or tuberos roots?] which may be chewed to allay thirst Kirkia tenuifolia  
 bixi to put on  
 biyo water  
 biyo bixis grows by water (Ammania baccifera)  
 biyokujiri in water  
 bocor gen. name for vegetable squash  
 boksiye heal  
 bog book, (page)  
 bood jump  
 bun coffee  
 buriweyne big tail [tail is actually 'dabo']; the tail of the fat-tailed sheep  
 caanamacays OR caanamaaceeye milk sweetener  
 ?caano orle milk foam  
 caano-xaraariye to make milk bitter  
 caanoole milky  
 cadaad-maroodi the gum tree of the elephant  
 cadar perfume  
 cade white  
 cag foot  
 cagaar or cagaare green  
 ?calakud (or alakuyel?) a type of antelope  
 caleen leaf  
 dambar colostrum  
 canbar a gum found on beach  
 canyo OR cayo a term for succulent forbs

carab-duur bush Arab: refers to nomadic Somalis who are unusually pale  
 carab-jab tongue-breaker  
 cas, caseye red  
 caseeye make red  
 cawl a type of antelope  
 caws grass (gen. term)  
 caws jeereed hippo grass  
 caws macan sweet grass  
 caws timole hairy grass  
 caws-shiir smelling grass  
 ceel well  
 ciddi-shabeel leopard's claws  
 ciin gen. term for leafless plant with milky sap  
 cusboole, ?cusbale salty  
 daaq forage  
 danyeer monkey  
 dabacuncun itchy back  
 dabar the rope for hobbling stock especially camel  
 dabasali cow's tail; or tail mat [big tail]  
 dabaxir 'tie the back'  
 dabka fire (a term for certain stinging plants)  
 dambil basket  
 dameer donkey  
 daran a name used for halophytes, mostly chenopods; general name for saltbush  
 deeq daro stingy man; gen. name for plants whose fruits are easily detached & stick to clothing (B)  
 dhanaan salty  
 dheerdheere OR dhaadheere very tall  
 dheg ear  
 dhegayare (small ears)  
 dhegweyn big ear(s)  
 dhillo prostitute [in ref. to parasitic Loranthaceae]  
 dhilowyan only growing on other plants  
 dhir plant  
 dhoobo [mud, clay] vs. doobo [bachelor] in d(h)oobo-goy [cut] for Streptopetalum  
 dhudhus 'farting tree'; due to effect of eating gum  
 dhul soil, earth, etc.  
 dhurwaa hyena  
 dhuusundhuus farting, farting tree  
 dibudday another term used for fri; the usual one is mira  
 digir OR diir bean  
 diir bean  
 disbadeed wild (animal)  
 donfaar, doofaar warthog [or digging?]  
 donfaar-qod or doofaar-qod 'warthog digging'  
 dufod duuf nasal mucus [for Cleome]  
 duur bush, bushland  
 faragooy cut finger  
 fardheere long finger  
 faro fingers  
 fiid, fiide flower

fiideey-malaabey honey-flower  
 food crest of hair  
 gaala unbeliever, foreigner [hence digir-galla for Canavalia  
rosea]  
 gaab short  
 gabar girl  
 gacan arm  
 gahayr tough  
 galma arm  
 garab shoulder  
 garangar, garagoro wheel  
 garangar/garagoro wheel  
 geed plant  
 geed canood milky plant (gen. term, e.g. for some euphorbias)  
 geed duur 'plant of the bush'  
 geed hared rain water plant  
 geed madow black plant, also gen. term for an evergreen plant  
 geed mas[mus] snake plant [i.e. used for snakebite]  
 geed-jinni 'devil plant'  
 geed-xabaaleed tree of graves  
 geel cadays to whiten camels  
 geel dabar camel back  
 geel-jire camel-herder  
 geel-reeb to refuse, resist or oppose camels  
 geeldabar camel rope  
 geesarriyood OR geesarriyaad goat's horns, referring to fruit  
 of some twiners  
 geeso sagaaro dikdik horns  
 gehait hard & tough  
 ?ghudesan chin of the male goat  
 gisi-reeb refuse, resist  
 gobol/gabal daye sunset: because leaves turn toward sun  
 (Crotalaria saltiana)  
 gooy, gooys cut [to cut?]  
 gorayo ostrich  
 gubtaanya OR gubtahanyo a term for stinging plants or vines  
 guduud red  
 ?gugali a (type of) poison  
 guran dry female in herd; opposite of irmaan  
 guri house  
 gus penis  
 haan milk container  
 habeen night  
 hablo unmarried girl  
 hangool shepherd's crook or staff used for moving around  
 branches  
 hareeri silky, soft  
 hinni thicket  
 ?hiyab or hayab 'the light tree which climbs'  
 horgooy front-cut  
 il eye  
 ilka/ilko cadeeye tooth cleaner  
 indhatire to blind  
 irmaan relates to milk-producing females; opposite is guran

jabjab broken  
 jareer hard hair  
 jarjar cut  
 jilbadhiig dhig = blood, jilbo = knee; because sap smears the  
     knees of grazing stock [Jatropha arguta]  
 jinaw defined as a tree with soft wood & salt  
 kab shoe  
 kaxaaris from feces  
 keliyaale 'only a single exists'  
 kelli kidney  
 kor top [as in qabokor]  
 kor qabad 'up grabbing'  
 kulul refers to hot resin [Commiphora boranensis]  
 lafol[af?] bones ['has very rigid stem']  
 lamagooyan cannot be cut  
 lamagooye['lamoiyen'] tree which must not be cut (Verdcourt  
     1985)  
 lamalosse (OR lamaloye) a term referring to slender maidens in  
     Somali romantic poetry, means tall & slender  
 laykiliyaale['lukiliale'] one-legged [Pleuropterantha revoilii]  
 libaax lion  
 libaax-xagga-tallaalis lion where planted/pierced  
 liimo-daanyeer monkey lime  
 liin lime  
 like a gen. term for mushrooms  
 lo' cattle  
 lugo legs  
 luubaan general term for incense gum  
 luubaan-duureed 'bush incense'  
 ma cadaade not/never dry ['everlasting', used for some  
     Compositae with dry fls]  
 maalees cf. maaleeyo = black resin or sap  
 maanyo ocean  
 madax head  
 madow black  
 madowbeye blacken(ing)  
 madowbeye, mara-madowbeye blackens (cloth)  
 majabe 'can't be broken'  
 majeen grass stalk  
 mar-mar sometime  
 marabbob OR maraboob refers to sticking to cloth; mara = cloth,  
     bob = gobble up; the burrs are very destructive to cloth  
 marabood grabs clothes  
 maro cloth  
 maro-cad white cloth  
 maroodi elephant  
 maroodi-makaraan elephant unable to pull it up [actually to  
     break, etc., as opposed to masiibe which means pull up], as  
     it has a strong taproot (Gillett 1966)  
 maroodi-masiibe 'elephant can't pull it out'  
 mas snake  
 mukey gen. term for figs (cf. berde)  
 mus fenceline, etc. where snakes, rats, etc. hide  
 mataan twin

megel mature man (dialect)  
 maskax brain  
 mici-godle ?incisors  
 minsar saw  
 mira, miro, muro fruit  
 mudiu/miriu arbed (from Arabic) In ref. to fl color [blue] which  
 is supposed to be similar to color of that of the Arabs (EA  
 label for Ceratostigma)  
 nagaar OR nagaadh a gen. term for [some] ann. forbs or small  
 green plant  
 narico fungi in general [Cistanche]  
 nayla female lamb  
 nayla, naylo female lamb  
 naylo kobciye the plant which makes the lambs strong  
 neergafigish escaped young camel  
 nirgo ['nirig'] young camel  
 oohiye 'tear-producer', i.e. a hot, spicy material  
 qaado take [it]  
 qable paws  
 qabo grab, hold [as in qabokor]  
 qalaanqal see note under caanamacays  
 qaraar bitter  
 qare watermelon  
 qodax thorn  
 qodxeed thorny  
 qooro orgi goat testes  
 qoro stick  
 qoys house, home  
 qurun bad small  
 quwaax general term for plants with sweet sap (notably  
  
 rati male camel [hence aayrati for Abrus]  
 raxan herd  
 reeb repel, resist  
 riyo xedaay ['rheho hedai'] "The plant which ties goats. So  
 called because the shoots can get entwined around the horns  
 of a browsing goat & sometimes hold it this way." (E.A. Peck  
 in MOG). (Rhynchosia)  
 riya goats  
 riyo laab beast, e.g. goat[?]  
 riyo-jacayl loved by goats/sheep  
 rummay toothbrush, toothstick  
 saala livestock dung with seeds in it  
 saar, geed saar gen. term for vines, it means to drape or lie  
 over  
 saar-saar refers to climbing habit  
 shabkah(?) a recumbent thing  
 sabuul corn cob, head of grain  
 sagaaro dikdik  
 salcaseeye caseeye to make red  
 salbuku-geed +/- bush-bean  
 salelmac salal/selel has something to do with sleep, dreams;  
 mac = sweet  
 saalo weyne dung big

sanbanaeeye that which opens the sheeps' noses  
 shabeel leopard  
 shafeweyn OR shafaalweyne big chest  
 shan five  
 shanfarood/shanferiyood stinging-type plant  
 ?shil accident-prone  
 soonfur end of Ramadan fast [Idd?]  
 soor porridge  
 subag butter  
 subagle/subagleh having butter  
 sun poison  
 suuf cotton  
 timir-duur date of the bush, bush date  
 timo gaboodle young woman's hair; in ref. to the crinkled leaf  
 (Leptothrium)  
 timo-naagoodle women's hair  
 toosi straight  
 tuke crow  
 uf stinky  
 ul stick  
 ula-caso red sticks  
 uunsi a term for special perfumed incense of many ingredients  
 waalis to make crazy?  
 wan ram  
 waraabe hyena  
 waran spear  
 wareer confused, slightly mad  
 waxara lambs or kids  
 waxara relating to goats.  
 waxara-maleh waxara = relating to goats, maleh = not having;  
 therefore probably suggesting it's unpalatable  
 waxara-waalis makes lambs/kids mad  
 waxaro [OR waxara?] female lamb or kid  
 weyla female calf  
 weyn, weyne big  
 xaar feces  
 xabag general term for gum  
 xadhig rope  
 xajiimo relates to irritating hairs  
 xajiin tickle; 'implies that when you touch the plant it will  
 cause you to itch' (R. Wieland)  
 xamakow fleshy plant  
 xamar red  
 xanjo gum  
 xaraan unclear in religious sense  
 xarig rope  
 xiddig star  
 ?yaanyo, nyaanyo southern, ?tomato  
 yare, yaro small  
 ?yaryar little hair  
 yaryar very small

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NOTE: Page numbers wrong in this draft.

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