HERBICIDE

# THE PLANTS OF SOMALIA: AN OVERVIEW AND CHECKLIST

Peter Kuchar

Range Ecologist, LBII-CRDP

CRDP TECH. REP. NO. 16

revised July 1986

2nd rev. April 1989

LOUIS BERGER INTERNATIONAL, INC.

and

CENTRAL RANGELANDS DEVELOPMENT PROJECT,

NATIONAL RANGE AGENCY

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# 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 km². 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 Somala (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. Hypseloderma, 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. Chiovendan 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 cleaning 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 CRYPTOGAMS | GYMNOSPERMS | MONOCOTS | DICOTS | TOTALS |
|---|---|---|---|---|---|
| NO. FAMILIES | | | | | |
| known + expected | 11 | 3 | 24 | 121 | 156 |
| dubious | 1 | 0 | 2 | 9 | 12 |
| | | | | | 168 |
| NO. GENERA | | | | | |
| known + expected | 14 | 3 | 168 | 731 | 913 |
| dubious | 1 | 0 | 12 | 49 | 62 |
| | | | | | 975 |
| NO. SPECIES | | | | | |
| known + expected | 23 | 3 | 611 | 2765 | 3399 |
| dubious | 4 | 0 | 17 | 64 | 79 |
| | | | | | 3478* |

* 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 km² 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 km² 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. Stapelieae, 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 |
| Caesalpiniaceae | 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.

| | |
|---|---|
| **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, Urera? 1, Urtica 1 |
| Cynomoriaceae | Cynomorium 1 |
| Ericaceae | Erica 1 |
| Dipsacaceae | Pterocephalus 1 |
| Primulaceae | Anagallis 1, Cyclamen 1, Primula 1, Samolus 1 |
| Coridaceae | 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 |

* 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 Hobyo 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
Robbairea
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.
Chionothrix 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 CELASTRACEAE
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 CONVOLVULACEAE
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 mght 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 dicapnae, 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 inaccesible 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 geen 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, Tridax, 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

* 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. tembensis, 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 km², are dominated by narrow endemics. Worth mentioning here are a suite of acacias endemic to hawd bushlands (A. hamulosa, A. walwalensis, A. zizyphispina), and Commiphora subgenus Opobalsameae, most of whose 25 or species are confined to this area. Among these are C. horrida and C. 'chiovendana' 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, c?6-8°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 wih 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-Zambezian 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 te 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 km², 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:

| | | |
|---|---|---|
| *Acanthostelma | Dirachma | *Pleuropterantha |
| Afrotrichloris | Drake-brockmania | *Polyrhabda |
| Allmaniopsis | Edithcolea | Poskea |
| Arthrocarpum | Erythrochlamys | Pseudolithos |
| Barbeya | *Golaea | Pseudopectinaria |
| Bottegoa | Gyroptera | *Pseudozoysia |

| | | |
|---|---|---|
| Calyptrotheca | Harmsia | *Puccionia |
| Capitanya | Harpachne | Rhytidocaulon |
| Cephalopentandra | Hildebrandtia | Saltia |
| *Chamaeacanthus | Kanahia | Sericocomopsis |
| *Chionothrix | Kelleronia | Socotora |
| Cladostigma | *Lagenantha | Spathionema |
| Cordeauxia | *Lindauaea | Strobopetalum |
| Cyclocheilon | Loewia | Vatovaea |
| Dasysphaera | Neocentema | Volkensinia |
| Dicraeopetalum | Pentanopsis | *Whitesloanea |
| Diplostigma | Platycelyphium | Xylocalyx |

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

| | | |
|---|---|---|
| Cissus | ?Asystasia | Psilotrichum |
| Cyphostemma | Barleria | Commicarpus |
| ?Balanites | ?Blepharis | Boscia |
| ?Lannea | Justicia | Cadaba |
| Caralluma | ?Ruellia | Maerua |
| ?Cynanchum | Plectranthus | Farsetia |
| 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 intepreted 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 lett, 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 & Mwendwa

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 tetracantha, 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. migiurtinorum 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. Harrisonia 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.

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*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 Papilonaceae 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 |
|---|---|---|---|
| GENERA | | | |
| Gramineae | 69 | 70 | 78 |
| Papilionaceae s.l. | 68 | 61 | 77 |
| SPECIES | | | |
| Gramineae | 59 | 52 | 53 |
| Papilionaceae s.l. | 56 | 39 | 59 |

* Sorensen coefficient: 2C/(A+B)x100, 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 Vermifrux. 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 Oropetium 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 Kigelia africana while 'bacaroor' (pronounced ba-aror) refers to an utterly different taxon, the Arillopsidium 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 cerainly 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
Anemone somaliensis
*Boscia somalensis
*Cadaba somalensis
*Capparis somalensis
Maerua somalensis
Brassica somalensis
Farsetia somalensis
Rinorea somalensis
Viola somalensis
Ochradenus somalensis
Randonia somalensis
Polygala somaliensis
Crassula somalensis
Vahlia somalensis
*Gypsophila somalensis
Paronychia somaliensis
Polycarpaea somalensis
+Tetragonia somalensis
+Anacampseros somalensis
Calyptrotheca somalensis
Portulaca somalica
*Oxygonum somalense
Gymnoptera somalensis
*Salsola somalensis
Chionothrix somalensis
Zygophyllum somalense
*Pelargonium somalense
Dirachma 'somalensis'
Gnidia somalensis
Selinocarpus somalensis
Dovyalis somalensis
*Lindackeria somalensis
Helianthemum somalense
Eureiandra somalensis
Eugenia somalensis
Combretum somalensis
*Terminalia somalensis
*Ceriops somalensis
Hypericum somaliense
*Corchorus somalicus
+Melhania somalensis
*Adansonia somalensis
Duvalia somalensis
Huernia somalica
Tenaris somalensis
*Trichocaulon somaliense
*Gardenia somalensis
Abutilon somalense
Gossypium somalense
Hibiscus somalensis
Pavonia somalensis **Franch.**
*Pavonia somalensis **Mattei**
*Tristellateia somalensis
Bridelia somalensis
Croton somalensis
Euphorbia somalensis
Jatropha somalensis
Oldfieldia somalensis
Phyllanthus somalensis
Bauhinia somalensis
Cassia somalensis
Cordyla somalensis
*Tamarindus somalensis
Acacia somalensis
Abrus somalensis
Arthrocarpum somalense
+Galega somalensis
Crotalaria somalensis
Paracalyx somalorum
*Erythrina somala
Lupinus somaliensis
Ormocarpum somalense
Sesbania somalensis
Sophora somalensis
Trifolium somalense
Vigna somaliensis
*Ficus somalensis
Maytenus somalensis
*Helixanthera somalensis
*Commiphora somalensis
Trichilia somalensis
Lannea somalensis
Rhus somalensis
Diplolophium somalense
Mimusops somalensis
*Adenium somalense
Caralluma somalica
Ceropegia somalensis
Cynanchum somaliense
*Echidnopsis somalensis
*Sesamum somalense
Asystasia somalica **Gand.**
*Asystasia somalensis **(Franch.) Lebrun & Touss.**
*Somalia diffusa **Oliv.**

Table 10 (Cont'd)

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

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

| SPECIES | DISTRIBUTION |
|---|---|
| Tetragonia somalensis | Ogaden, maybe expected Beledweyne. |
| Anacampseros somalensis | Ogaden, ?possibly in CR. |
| Melhania somalensis | E Ethiopia, ?possibly N Somalia. |
| Galega somalensis | SW Ethiopia. |
| Trifolium somalense | SW Ethiopia. |
| Trichocaulon somaliense | Djibouti. |
| Spermacoce somalica | Cent. Ethiopia. |
| Bidens somaliensis | S Ethiopia. |
| Blumea (Pluchea?) somaliensis | Ogaden, doubtfully CR. |
| Emilia somalensis | N Kenya & S Ethiopia. |
| Sigesbeckia somalensis | N Ogaden only. |
| Isoglossa somalensis | Ethiopia, doubtfully Somalia. |
| Eriospermum somalense | E Ethiopia, ?possibly Somalia. |
| Ctenium somalense | S Ethiopia southward; doubtfully in S Somalia. |
| Mucuna melanocarpa var. somalensis | SW Ethiopia. |
| Aerangis somalensis | 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[1] |
| somalensis[2] | 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[3] | 13 | |
| nogalensis | 12 | 2 |
| kirkii | 12 | 1 |
| ellenbeckii | 12 | |
| rotundifolia | 12 | |
| spinosa/us, spinescens | 12 | |
| zanzibarica[4] | 12 | |
| fruticosus/um[5] | 12 | |
| benadirensis, benadiriana | 11 | 4 |
| stefaninii/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 |

[1] 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.

[2] Incl. somaliensis, somalica, somalense, somala, somalorum. The list of names in use includes 15 speciesnot presently known from

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

[3] Incl. albida, albicans, albidum, albicaulis, albissima.

[4] Incl. zanguebaricus, sansibarensis.

[5] 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 21 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 Palmae, 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 |
|---|---|---|---|---|---|---|---|
| | | **CRYPTOGAMS** | | | | | |
| 403 | Selaginellaceae | Selaginella | | +1 | 3 | 3 | |
| 405 | Equisetaceae | Equisetum | | | 1 | 1 | |
| 406 | Ophioglossaceae | Ophioglossum | | | 1 | 1 | |
| 410 | Negripteridaceae | Negripteris | ?1 | | 1 | 1 | 1 |
| 415 | Dennstaediaceae | Pteridium | | | +1? | +1? | |
| 417 | Adiantaceae | Actiniopteris | 1 | +1 | 3 | 3 | |
| | | Adiantum | | | 3 | 3 | |
| | | Cheilanthes | | | 3 | 3 | |
| | | Onychium | | | 1 | 1 | |
| | | Pellaea | | | 2 | 2 | |
| 427 | Aspleniaceae | Asplenium | | | 2 | 2 | |
| | | Ceterach | | | 1 | 1 | |
| 432 | Marsileaceae | Marsilea | +1? | | 1 | 1+1 | |
| 434 | Azollaceae | Azolla | 1+1 | | | 1+1 | |
| | | **GYMNOSPERMS** | | | | | |
| 435 | Cycadaceae | Encephalartos | +1 | | | +1 | |
| 438 | Cupressaceae | Juniperus | | | 1 | +1 | |
| 444 | Ephedraceae | Ephedra | | | 1 | 1 | |

# ANGIOSPERMS

## DICOTYLEDONS: ARCHICHLAMYDEAE

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8 | Annonaceae | Annona | | | | | 2F |
| | | Asteranthe | +1 | | | +1 | |
| | | Monanthotaxis | 1 | | | 1 | |
| | | Monodora | 1 | | | 1 | |
| | | *Uvaria | 2+3 | 1 | | 2+3 | |
| | | Uvariodendron | +1 | | | +1 | |
| 11 | Lauraceae | Cassytha | 1 | 1 | 1 | 1 | |
| 13 | Hernandiaceae | Gyrocarpus | 1 | 1 | 1 | 2 | |
| 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 | |
| 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 | |
| | | Puccionia | | | 1 | 1 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | Rorippa | 2 | 1 | ?1 | 3 | |
| | | Schouwia | 1 | | | 1 | |
| | | Sisymbrium | | | 1 | 1 | 1W |
| 40 | Violaceae | Hybanthus | 1 | 2 | 1 | 2 | |
| | | Rinorea | 3+1 | | | 3+1 | |
| | | Viola | | | 1 | 1 | |
| 41 | Resedaceae | Caylusea | | | 1 | 1 | |
| | | Ochradenus | | | 1 | 2 | |
| | | Oligomeris | | | 1 | 1 | |
| | | Reseda | 3 | 2+1 | 7 | 8 | |
| 42 | Polygalaceae | xPolygala | 9+1 | 4+1 | 8 | 16 | 1F |
| 45 | Crassulaceae | Aeonium | | | 1 | 1 | |
| | | Cotyledon | | | 1 | 1 | |
| | | Crassula | | | 1 | 2 | |
| | | Kalanchoe | +1 | ?1 | 12 | 13+1 | |
| | | Umbilicus | | | 1 | 1 | |
| 47a | Vahliaceae | xVahlia | 2+1 | 1+1 | 1 | 2+1 | |
| 52 | Elatinaceae | Bergia | | 2 | 1 | 3 | |
| 53 | Caryophyllaceae | Arenaria | | | 2 | 2 | |
| | | Cometes | | | 1 | 1 | |
| | | Corrigiola | | | ?1 | ?1 | |
| | | Gypsophila | | | 1 | 1 | |
| | | Paronychia | | | 1 | 1 | |
| | | Pollichia | | | 1 | 1 | |
| | | Polycarpaea | 2 | 1 | 2 | 5 | |
| | | Polycarpon | | | | 1 | |
| | | Robbairea | | | | 1 | |
| | | Silene | | | 1 | 1 | |
| | | Spergula | | | 1 | 1 | |
| | | Sphaerocoma | | | 1 | 1 | |
| 55 | Aizoaceae | Aizoon | | | 1 | 1 | |
| | | Corbichonia | | | 1 | 1 | |
| | | Gisekia | 2 | 2 | 1 | 2 | |
| | | Glinus | 2 | 1+1 | 1 | 3 | |
| | | Hypertelis | ?1 | | | | ?1 |
| | | Limeum | 2 | 1 | +1 | 3+1 | |
| | | xMollugo | 1 | 1+1 | 1 | 2 | |
| | | Semonvillea | | 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 | |
| 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 | |
| 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 | |
| | | Bougainvillea | | | | | 1R |
| | | xCommicarpus | 3 | 3+2 | 7 | 9 | |
| | | Mirabilis | | | | | 1R |
| | | Selinocarpus | | | | | 1? |
| 88 | Pittosporaceae | Pittosporum | | | 1 | 1 | |
| 93 | Flacourtiaceae | Dovyalis | +1 | | 2 | 2+1 | |
| | | Flacourtia | 1 | | | 1 | |
| | | Lindackeria | 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? |
| | | Curcurbita | | | | | 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 |
| 114 | Ochnaceae | Ochna | 4 | 1 | 1 | 4 | |
| 118 | Myrtaceae | Eucalyptus | | | | | 2R |
| | | Eugenia | | | | | 2F |
| | | Psidium | | | | | 1F |
| | | Syzygium | 1 | | 1 | 1 | |
| 119 | Lecythidaceae | Barringtonia | 1 | | | 1 | |
| 120 | Melastomataceae | Memecylon | 1+1 | | | 1+1 | |
| 121 | Combretaceae | xCombretum | 10+2 | 5+1 | 4 | 12+2 | |
| | | 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 | |
| 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 | |
| | | *Senra | 2 | 1 | 1 | 2 | |
| | | xSida | 4 | 4 | 5 | 9 | |
| | | Symphyochlamys | 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 | |
| | | Clutia | | | 2 | 2 | |
| | | Croton | 6 | 2+1 | 4 | 10 | |
| | | Cyathogyne | 1 | | | 1 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | Dalechampia | 2 | +1? | ? | 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 |
| | | Manihot | | | | | 2F |
| | | 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 | |
| | | Spirostachys | 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 | Caesalpiniaceae | 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 |
| | | Adenopodia | 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 | |
| | Neorautanenia | | | +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 | |
| | Vermifrux | | | 1 | 1 | |
| | Vigna | 3 | +1 | 3 | 7 | 2F |
| | Zornia | 2 | +1 | 1 | 2 | |
| 154 | Buxaceae | Buxus | 1 | 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 | Forsskaolea | | | 2 | 2 | |
| | | Parietaria | | | 1 | 1 | |
| | | Pouzolzia | | | +1 | +1 | |
| | | Urera | | | 1 | 1 | |
| | | Urtica | | | | | |
| 173 | Celastraceae | Catha | | | 1 | 1 | |
| | | xElaeodendron | 3+1 | 1 | | 3+1 | |
| | | Hippocratea | 1+1 | +1 | | 1+1 | |
| | | xMaytenus | 4+1 | 2 | 6 | 8+1 | |
| | | Mystroxylon | 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 | |
| | | Rhopalopilia | +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 | Osyridocarpos | | | +1? | +1? | |
| | | Osyris | | | 1 | 1 | |
| | | Thesium | | | 3 | 3 | |
| 189a | Cynomoriaceae | Cynomorium | | | 1 | 1 | |
| 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 | 1F |
| 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 | | | | | 1F |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 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 | |
| | | Mangifera | | | | | 2F |
| | | 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 | Araliaceae | Cussonia | 1 | +1 | 1 | 2 | |
| | | Schefflera | | | 1 | 1 | |
| 213 | Umbelliferae | Anethum | | | | | 1F |
| | | Apium | | | 1 | 1 | |
| | | Conium | | | 1 | 1 | |
| | | Coriandrum | | | | | 1F |
| | | Daucus | | | | | 1F |
| | | Diplolophium | | | 1 | 1 | |
| | | Drusa | | | 1 | 1 | |
| | | Ferula | | | 1 | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | Foeniculum | | | | 1F |
| | | 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 |
| 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 | Buddleja | | | 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 |
| | | Ancylobothrys | 1 | | | 1 |
| | | Callichilia | 1 | +1 | | 1 |
| | | Carissa | 1 | 1 | 1 | 1 |
| | | Catharanthus | | | | 1R |
| | | Conopharyngia | 1 | | | 1 |
| | | Holarrhena | +1 | | | +1 |
| | | Hunteria | 1 | | | 1 |
| | | Landolphia | 2 | | | 2 |
| | | Nerium | | | | 1R |
| | | Pleiocarpa | 1 | | | 1 |
| | | Plumeria | | | | 1R |
| | | 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 |

| | | | | | |
|---|---|---|---|---|---|
| | 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 |
| 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 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | Lamprothamnus | 1 | | | 1 |
| | | Meyna | 1 | 1 | | 1 |
| | | Oldenlandia | 6 | 4+2 | 4 | 10 |
| | | Oxyanthus | 1+1 | | | 1+1 |
| | | Paederia | 1 | 1 | | 1 |
| | | Pavetta | 8+2 | 3+1 | 5 | 13+2 |
| | | Pentanisia | 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 |
| | | Ternantia | 1 | | | 1 |
| | | Triainolepis | +1 | | | +1 |
| | | Tricalysia | 2 | | | 2 |
| | | Vangueria | 2 | +1 | | 2 |
| | | Wendlandia | | | 1 | 1 |
| 236 | Dipsacaceae | Pterocephalus | | | 1 | 1 |
| 238 | Compositae | Acanthospermum | | | | 1W |
| | | Ageratum | | | | 1W |
| | | Artemisia | | | 1 | 1 |
| | | Aspilia | 2+1 | 1 | 3 | 4 |
| | | Athrixia | | | 1? | 1? |
| | | Athroisma | 1 | 1 | | 1 |
| | | Atractylis | | | 1 | 1 |
| | | Bidens | 1 | | +2 | +2 1W |
| | | Blainvillea | | | +1 | +1 |
| | | Blepharispermum | 3 | 1 | 1 | 3 |
| | | Blumea | 1 | 1 | 2 | 2 |
| | | Brachylaena | +1 | | | +1 |
| | | Carthamus | | | | 1 |
| | | Cichorium | | | | 1W |
| | | Conyza | 1 | | 4+2 | 4+2 |
| | | Coreopsis | | | | |
| | | Cotula | | | | |
| | | 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 |
| | Tarchonanthus | | | 1 | 1 | |
| | Tolpis | | | 1 | 1 | |
| | Tridax | | | | | 1W |
| | Vernonia | 11 | | 3 | 13 | 22 |
| | Vicoa | | | 1 | 1 | |
| | Volutaria | | | 2+1 | 2+1 | |
| | Xanthium | | | | | 1W |
| 239 Gentianaceae | Centaurium | | | 1 | 1 | |
| | Enicostema | 1 | | 1 | 1 | |
| | Nymphoides | 1 | | | 1 | |
| | Sebaea | | 1 | | 1 | |
| 240 Primulaceae | Anagallis | | | 1 | 1 | |
| | Cyclamen | | | 1 | 1 | |
| | Primula | | | 1 | 1 | |
| | Samolus | | | 1 | 1 | |
| 240a Coridaceae | Coris | | | 1 | 1 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 241 | Plumbaginaceae | Ceratostigma | | | 1 | 1 | |
| | | **Limonium | 2 | 3+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 | | | | | 1? |
| | | Trichodesma | | 1 | 3 | 4 | |
| | | Wellstedia | | +1? | 3 | 3 | |
| 250 | Solanaceae | Capsicum | | | | | 2F |
| | | Datura | | | | | 3W |
| | | Hyoscyamus | | | 2 | 2 | |
| | | xLycium | 1 | 1 | 1 | 1 | |
| | | Lycopersicon | | | | | 1F |
| | | Nicotiana | | | | | 1R |
| | | Physalis | | | | | 1 |
| | | **Solanum | 24 | 16+7 | 25+2 | 41+3 | 3FW |
| | | Withania | | | 2 | 2 | 1W |
| 251 | Convolvulaceae | Astripomoea | 4 | 1+1 | 2 | 6 | |
| | | Cladostigma | | | 1 | 1 | |
| | | Convolvulus | 4 | 6 | 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 | |
| | | Hyalocystis | 1 | 2 | 2 | 3 | |
| | | **Ipomoea | 26+2 | 10+4 | 22 | 42+1 | 1F |
| | | Jacquemontia | 2 | 1 | | 2 | |
| | | Merremia | 9+1 | 2 | 7 | 15+1 | |
| | | Operculina | 1 | | | 1 | |
| | | xSeddera | 6 | 4+1 | 8+1 | 13 | |
| | | Stictocardia | 1 | | | 1 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | Turbina | | | 1 | 1 | |
| | | Xenostegia | 1 | 1 | | 1 | |
| 252 | Scrophulariaceae | Alectra | | | 3 | 3 | |
| | | Anticharis | | | 4 | 4 | |
| | | Aptosimum | | | 1 | 1 | |
| | | ?Buttonia | | | 1 | 1 | |
| | | Campylanthus | | 2 | 4 | 4 | |
| | | Chaenostoma | 1 | | 1 | 2 | |
| | | Craterostigma | | +1? | 3 | 3 | |
| | | Cycnium | 2 | | | 2 | |
| | | Ghikaea | 1 | 1 | 1 | 1 | |
| | | Kickxia | | | 4 | 4 | |
| | | Lindenbergia | | +1 | 4 | 4 | |
| | | ?Micrargeria | | 1 | | 1 | |
| | | Pseudosopubia | 5 | 1 | 1 | 6 | |
| | | Schweinfurthia | | | 2 | 2 | |
| | | Scrophularia | | | 1 | 1 | 1R |
| | | Striga | 3 | 1 | 3 | 4 | |
| | | Verbascum | | | 1 | 1 | |
| | | Veronica | | | 1 | 1 | |
| | | Xylocalyx | | 2 | 2 | 2 | |
| 253 | Orobanchaceae | Cistanche | 2 | 2 | 2 | 2 | |
| | | Orobanche | | | 3 | 3 | |
| 254 | Lentibulariaceae | Utricularia | 1+1 | | | 1+1 | |
| 257 | Bignoniaceae | Fernandoa | +1 | | | +1 | |
| | | Jacaranda | | | | | 1R |
| | | Kigelia | 1 | +1? | | 1 | |
| | | Markhamia | 1 | | | 1 | |
| | | Rhigozum | | | 1 | 1 | |
| | | Stereospermum | | | 1 | 1 | |
| | | Tecoma | | | | | 1R |
| 258 | Pedaliaceae | Josephinia | 1 | | | 1 | |
| | | Pedaliodiscus | | 1? | | 1? | |
| | | Pedalium | 1 | 1 | | 1 | |
| | | Pterodiscus | 3 | 5 | 5 | 9 | |
| | | **Sesamothamnus | 2 | 2 | 2 | 2 | |
| | | Sesamum | 1? | | | 1? | 1F |
| 259 | Acanthaceae | Acanthostelma | | | 1 | 1 | |
| | | Acanthus | | +1 | 3 | 3 | |
| | | *Anisotes | 5 | 4+1 | 3 | 7 | |
| | | Asystasia | 8 | 3+1 | 4 | 10 | |
| | | **Barleria | 19+1 | 14+1 | 25 | 37 | 1W |
| | | *Blepharis | 7 | 6 | 7 | 12 | |
| | | Crabbea | 1+1 | | | 1+1 | |
| | | Crossandra | 4 | 1+2 | 2 | 6 | |
| | | Dicliptera | | | 2 | 2 | |
| | | **Duosperma | 1 | 1 | 1 | 1 | |
| | | Dyschoriste | 1 | | 4 | 5 | |
| | | xEcbolium | 6 | 2 | 4 | 7 | |
| | | Elytraria | 2 | | | 2 | |
| | | Golaea | | | 1 | 1 | |
| | | Hygrophila | +1 | | | +1 | |
| | | xHypoestes | 3 | 1+1 | 2 | 3 | |
| | | **Justicia | 17 | 9+3 | 22 | 40 | 1W |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | Calidagathis | 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 | 6 | 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 | Globularia | | | 2 | 2 |
| | | Poskea | | | 3 | 3 |
| 263 | Verbenaceae | 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 | xAsepalum | | 1 | 1 | 1 |
| | | Cyclocheilon | 1 | 2 | 2 | 3 |
| 264 | Labiatae | Aeollanthus | 1 | | | 1 |
| | | Basilicum | 1 | +1 | | 1 |
| | | Becium | 3 | 2+2 | 3 | 5 |
| | | xCapitanya | 1 | 1 | 1 | 1 |
| | | Endostemon | 7 | 4+2 | 4 | 8 |
| | | xErythrochlamys | 2 | 5 | 4 | 6 |
| | | Hoslundia | 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 |
| 280 | Commelinaceae | xAneilema | 3 | 3 | 3+1 | 7+1 |
| | | Anthericopsis | 1 | | | 1 |
| | | Commelina | 13+2 | 6 | 8 | 17+2 |
| | | Cyanotis | | | 1 | 1 |
| | | Murdannia | 1 | | | 1 |
| 281 | Flagellariaceae | Flagellaria | 1 | | | 1 |
| 283 | Xyridaceae | Xyris | +1 | | | +1 |
| 287 | Musaceae | Ensete | | | | 1F |
| | | Musa | | | | 1F |
| 290 | Zingiberaceae | Siphonochilus | 1 | | | 1 |
| 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 |
| | | ?Eriospermum | | | ? | ? |
| | | 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 | Ammocharis | | 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 | |
| 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 |
| 318 | Hypoxidaceae | Curculigo | | | 1 | 1 | |
| | | Hypoxis | | | 1 | 1 | |
| 319 | Velloziaceae | Xerophyta | 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 | |
| 327 | Juncaceae | Juncus | | | 3 | 3 | |
| 331 | Cyperaceae | Abilgaardia | 5 | | 1 | 5 | |
| | | Carex | | | 1 | 1 | |
| | | **Cyperus | 35+1 | 14+4 | 9 | 43+1 | |
| | | Eleocharis | 1 | | 1 | 1 | |
| | | Fimbristylis | 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 | |
| xBrachiaria | 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 | SOGREAH 1982 |
| Pol.& Chiov. | Pollaccii & Chiovenda 1934 |

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

# VASCULAR CRYPTOGAMS

## 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.
DABAN(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)
CISMAAN-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)
**SHALOOLLEY** (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, OS-MUNDUI, OSMA DOY) (MOG, G, C, B)
MOORO (M)
**MAREER 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.

Uvariodendron 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.
**SAAR-SAAR** (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, JEOB, 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.

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+FTEA follows Kubitzki's monograph of the family which treats both Somali species as 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

()Nymphaea caerulea Savigny (N. capensis Thunb.)
KAULO(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 SAGAARO**(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)
**GOORO ORGI** or **BOOROW-GOORIORGI**(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, OUES)(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, LECCHE, LAKA, LIKI) (G, C, EA)
(Ø)2 N; ?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)
**RUMMASAN** (ROOMOSAN, RHUMOSAN, RAMASAN, RUMUSSAN, RUMASTAN) (G, MOG, C, W)
**RUGUMBAX**? (ROGOMBEH) (G, M)
**BALALAQ** (BAL-LA-LAK) (MOG, KH)
JIMBAC (CHIMBA) (G, M)
1(11)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, DEGO YAR, 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)

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+Two basic groups:
1. Herbaceous - Cleome, Gynandropsis
2. Shrubs, woody scramblers & trees - all others.

**GALAANGAL** (GALANGAAL, GHALANGAL, GALANGAL, CALANGAL, CALANCAL) (KTS, CAS, MC, G)
FILAAREED (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
**OOHIYE** (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 barbigera 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.)
**CAANAMACAYS** (CANAMACAYS, ANNO-MAEIS, ANAMICE, AINO MA-AIS, ANO MA-AIS, ARNO MA'ICE, ANAMAIS, ANAMA'SH) (C, G, L, MOG, M, MAC?)
**GALAANGAL** (GALAAMGAL, CALANCAL, CALANQUAL, GALANGAL) (G, C, KTS, M)
JIICEY (KH)
**JABJAB** (JAB JAB) (MOG)
**JIIC** (JEIH) (KTS)
DITAB (G, C), DHIITACAB (L, NWR)
DORNAI (G)
MNIOCA-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, QALAQUQAL) (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)
**QALAANQAL**(QALAAN, 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), RUQUMBAAY(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)
**QALAANQAL**(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.
**CILAAN**(HD)
BAAR BOOR(HD)

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

**GOH** or **GOAH**?(O-AH, GOGH, GHO, GOA, GOSH, GOHH, GHOH, GO, GHOA, QOX) (C, MOG, G, W)
QOX(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. stuhlmannii (Gilg) DeWolf (C. corymbosa, C. sansibarensis (Pax) Gilg)
**LIIMO**(LIMO) (MOG)
**LIIMO-DONYEER**(M)
**CADAY-BIL**?(ADEI BIR) (G)
QOORA QABAD, QOORE-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**(DUFUOD)(EA)
**CAGAAR**(AGAR)(EA)
**GEED IRMAAN**?(GIRD IRMAN)(EA)
?**DHARGO**(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.

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)
?**GOWLALLO** (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]
**JIIC** [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,
LAMALOOSH, LABALOWSHE) (G, MOG, EA, B, MIS)
GADOU (EA), GAOLO (EA)
ALAKALA (KTS)
**MULAAN** (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.)
**JIIC** (JI-EH, GIEH, CHIR, CHIRSEI) (G, C, EA)
**JIIC MADOW** (JIEH MEDU) (M, MOG)
**MEYGAAG** (MIGAG) (KH, C)
**GALAANGAL** (GALANGAL) (KH, EA, L)
**GALAANGAL MADOOBE** (KH)
**LAMALOSHE** (LAMALANSEI (C)
DUKAY (MOG)
**CAANOMACAYS or CAANAMACEEYE** (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 **SHAFAALWEYN** (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, OOHIYE, 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.
**MEYGAAG** (MEGAG) (MOG)
(1)1 S. Evergreen shrub, may scramble slightly.

Maerua macrantha Gilg
LAMBO 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.
**QALAANQAL** (CALANCAL) (C)
S (Cuf. 1954).

Maerua oblongifolia (Forsk.) A. Rich. (M. scebelensis Chiov., maybe incl. M. macrantha Gilg)
**QABDHA** (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)
**SHAFAWEYN** (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
**QALAANQAL** (GALANGAL) (MOG, EA, B, KH)
JIIC (JIIQ, 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 BARAR (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.)
**QALAANQAL** (GALANCAL) (C, KH)
GEED DUG, GED DHUK (B)
KULMIS (B)
SHEFFER (B)
MOULON (MOG)
**HIGLO** (HIGLU) (MOG)
ALVERERIS, ALVARERIS (C, G)
ANGIARRAI (G)
**SHAFAWEYN** (SCEFAL UEN, SCIFFOUEN, SCHIFFOUEN) (C, G)
DAH-CAGIAB (C)
**DHUUSUNDHUS?** (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
**QAADO** (QADO, GADU, QEDO) (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)
LAMOIYEN(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)
MOROK(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.)
GEEL-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.)
GEED DHAJIS (KH)
QAAXODD (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.

Diplotaxis 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-africani 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)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)

## 040 VIOLACEAE

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-YARO**(DEBI-YERE,DEBI-YERO)(G)
DOR(G)
KAHIYE,KARHAYI,KARHIYE,KERHAYA,KERHAYI,KURHIYE,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 mots. 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 3227] Dwarf shrub.

Polygala erioptera DC.
GUEDO(C)
(2) N; 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.
AMBIOC,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
OUGRALE(C) N (Cuf. 1956).

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

Polygala sp. = Kuchar 16978...

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. rohlfsii Engl.)
Somalia (Cuf. 1954). Succulent annual-perennial.

Kalanchoe stenosiphon 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. goddingii (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.)
**WEEYLO-SUBKE**(OUELO-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.

Robbairea 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)
QABLE HAREERI?(GABLHARERE)(MOG)
CAG-WARAABE(AGWARABA)(MOG)
DAROBO(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)
**CAWS-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. (Trianthema 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.

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

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

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

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

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

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

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

Trianthema 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. & 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)
**DINAAS**(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 caffrum (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
GEEDQARAR(KH)
(4) CR. Shrub to 3 m.

Polygonum acuminatum H.B.K.
MUK MUKO(G)
XUBNOLE(Ali 1986)
?N - Glover 1947.

Polygonum glabrum Willd.
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.
FIIDEEY-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 MUDO BEYE,GOSA-MADO-BEYEH,GOSO MUDOWEYI, GUSOMADOBEYE,GUSO MUDO WEYI,GASOMADOBEYE, GAWSAMADOOBEYE,GAWSA-MADOOBEEYE,GOSA MADOBEYI,GACOSA-MADOOBEY)(L,MOG,C,M,G,EA)
AF MEDABEI, AF MADOBEYE(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.
**GULAAN**(GULAN,CULAN,GURAN)(G,EA)
N,?CR (Cuf. 1953).

Salsola forskalii Schweinf.
**GULAAN**(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.)

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

Salsola pycnophylla Brenan
**GULAAN** (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.; N, ?CR (Cuf. 1953). Littoral & dune shrub.

Suaeda micromeris Brenan
**XADHUUN/XARUUN** (HARUM, XARUN, XUDHUUN) (L, MOG)
**DARAN** (DARRAN) (MOG)
**HAYN** (MOG)
**GULAAN** (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 volkensii C.B.Cl.
?CR (Cuf. 1953).

Suaeda indet.
**DARAN CAD** (M)
**DARAN DAMEERAAD** (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)
**SOOMAGGALE** (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)
**QUDHA-INGIRIISI**?(QUDHA-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. sylvestris 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.)
NIILOOD(MOG)
LIILOW(LIILOWI,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 gracilenta (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.)
LABACALOOLYAA/LABACALOOLYAALE(LABA ALOOL 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)
DUFFOLOD(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-MALOVI(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-MALOVEI)(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).

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

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

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

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

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

Psilotrichum gracilipes Hutch. & Bruce
N (Cuf. 1953).

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

Psilotrichum 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.

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

Psilotrichum 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. orbiculatia (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)
QASHINCADAADDE(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)
**GORDYO-KAXAAR/KAXAARIS** (GORAZA-KAHARY, GORAIYA-KA-HALIS) (C, EA)
?ARAKAR(C)
N (Cuf. 1956).

Fagonia bruguieri DC. var. bruguieri
**IRMAAN' RIIJE**(L)
**GORDYO-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.)
**GORDYO-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)
**GORDYO-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)
**CASUURO** (MOG)
AFTOXOLE, AFTHULE, AFTULEH, AFTA HOLLAI, AFDAHOLE (G, Z, MOG, EA)
**GEED GODXEED**? (GIED GOG HED, GIAD GOD HED) (MOG, EA)
**GORDYO-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.
**GAXANDHO/GOCONDHO** (GAHANDE) (C)
N, CR (Cuf. 1956).

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

Kelleronia gilletii [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.)
GOCOSO(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 QOYS(or GABBALQOYS?)(GABA GOIS,KABOH QOYE,KABAGHOIS,KABAGOIS,KABBAGOIS,KABOGH HOIS,KABOGOIS,KABAH-GOIYAI)(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(DURRAN)(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 radicosa 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, GOHE-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. & Afgooye; cultivated ornamentally, found as escape (Kazmi 1985). Shrub & small tree.

## 077 ONAGRACEAE
FTEA 1953

Epilobium hirsutum L.
Doubtfully N; 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.

## 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) S; 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:

Gnidia glauca (Fres.) Gilg (Lasiosiphon glaucus Fres.) Reported from S; a misdet. possibly of G. latifolia, as G. glauca is a mid-elev. & montane species)
FAINKO DAGIS, JADENYU, JEDENYO(G)

## 083 NYCTAGINACEAE

Boerhavia coccinea Mill.
CAWS MALILAY(AUSMALILAY)(MOG)
DEG-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 pedunculosus (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-MADOH (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 (Balcad). Armed leafless shrub with massive swollenboulder-like base.

Adenia ellenbeckii Harms (A. vitifolia Hutch. & Bruce)
GEED DHALLAAN (GED DALAN) (G, M)
DALAN-MADOW (DALAM-MADOH) (G)
DALAN KA WARERI (G)
DALANLAIYE (G)
(2) S incl. just S (Hoddur); CR (Chiov. 1929); N, CR, S (Cuf. 1959). Erect or climbing subsucculent perennial woody forb or (dwarf) shrub from a swollen base.

Adenia globosa Engl. ssp. globosa
ADAHI, 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-MADOW (ADAD-MEDU, ADAHI MEDU) (G)
DALANLAIYE, DILAN LAI (G)
ADAHI (C)
GARE? (GORI, GORRI) (C)
(4) S, N. Swollen green conical trunk to 1 m & climbing tendrillate branches.

Adenia volkensii 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.)
**QARE** (CARA, GAREB) (G)
**QARE-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)
**QARE** (GAREH, GHAR, KHARO) (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)
**ALOONDOOY** (ALANTOOY, 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 schimperi (Naud.) Hook.f. incl. var. somalensis (C. brevipedunculatus Gilg, C. ehrenbergii [Cuf. p1035 for auth?], C. elegans Gilg, C. erostris (Schweinf.) Hook.f., C. pedunculosus (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
**QAMBOOL** (GOMBOL) (Ali 1986, MOG, G)
**QAMBOOL DIBADEED** (M)
**QAMBOOL GURI** (KHAMBOL GURI) (G, M)
FIRARI (C)
QAL-FOON (HD)
QARUN-JO (HD)
**QAREDAMEER** (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")
QANBOOB (CAMBOB) (G, KH)
**QAMBOOL** (M)
**BUDOOLSAAGE** (MOG)
**SAAR, GEED SAAR** (GED SAR) (MOG)
QARUUNTI (MOG)
**DABAXIR?** (DABAHIR) (G)
DAMEROT (G)
CALFON (C)

**GARE** (GARRE) (C)
**GARE-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 QAMBOOB (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)
**GAREDAMEER** (CARA-DEMER) (C)
UNUN-HAMAD (C)
ALFON (C)
**GEED XAMAR** (GHED-HAMAR) (C)
QAMBOOB 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.)
**ARUUNDO** (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. somaliensis 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, DOMBAIYOD, 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 bricchettii Chiov.)
**MADAXBUG**?[or **MADAX BUSHAAR**?](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 BUSHAAR**(or **MADAX BUSH**?)(MODA BISCIAR, MADDAHBOHK, MADDAHBOK, MADACH-BOCH, MATHAHABUK, MADA-HABOK)(G, C, KH, W, Wo)
**DABAYOOD**(KH)
**MESKAX/MESKAKH BUQ**(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 BUSHAAR**(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)
BEQAH, BIEGHA, BIEQA(G,MOG)
ERGATANENJA(G)
**GUDUUD-MADOONE**?(GHEDUD-MADDOVI)(C)
QO-QOON(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 sand 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. & Harr.
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.
**SEYTUUN**(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-QOOGOON(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
**QOQON**(QOO QOON)(HD)

Combretum hereroense Schinz ssp. hereroense, ssp. volkensii (Engl.) Wickens & ssp. grotei (Exell) Wickens (C. usaramense Engl., C. volkensii Engl.)
**QOQON/QOQOON**[maybe also **GOGON**](GO-GON, GON GON, COCON, GOO-GOON, QOO QOON, GOR GON, QO QOORN, 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 BUUQ(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, N; 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.

Combretum schumannii Engl.
Boni Forest, Kenya thus expected SW Som. Tree & shrub.

Combretum somalense Engl. & Diels (a form of C. molle?)
OBBEL(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/EEYREEB**?(EIREB, EIRAB, EREP, HEIREB, AYRAB, EEREB, EYRIB)(C, M, KH, HD, M, SAR, MOG)
?GIDAR-EILE(C)
**CILAAN**(ALLAN)(HD)
TIRAB(G)
?HARERI(HD)
5(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, BISAAK, BISAK, BISAQ, BISEK, BIZEK, BESSEC, 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.

Ceriops 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-GUDUUD**? (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: **BIYOBAHAL**? (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
**CAWS-CAGAARE**?(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 MADOWBEYE**(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. $
**RAANSOW**(RONSOO, RANSOO)(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)
QASHUMBIYOOD(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.)
GANFAR(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

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+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

(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 DANAAN** (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 pannosisepala 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** (MURO-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)
MRASAIO (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, KOBBISH, 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** (SAALA-WAYN, SALA-WEINEYE, SALUWENE, SALIWENE, SALAWEYNE) (G, M, MOG)
JAFEECO (KH)
**XAJIIN** (KH)
**YACAY MADOOBE** (B)
SUUFI SUUFI, 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-WEINYE, 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. (Rumicicarpus ramosissimus Chiov.)
SAALAWEYNEEYE(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.
SAALAWEYNEEYE(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.
SAALAWEYNEEYE(SALA-WEINEYE)(G,M)
CALEEMAAL(KH)
YABCAL(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?).

Melhania muricata Balf.f.
BURBUR(G)
N (Cuf. 1959).

Melhania ovata (Cav.) Spreng. incl. var. montana K.Schum.
BIG-CADE(HD)
1(2) S; N,S (Cuf. 1959). Annual dwarf shrub or woody forb.

Melhania parviflora Chiov.
S (Cuf. 1959).

Melhania parvifolia Chiov.
1(4) CR. Small forb or dwarf shrub.

Melhania phillipsiae Bak.f. (M. grandibracteata (K.Schum.) K.Schum.)
**BALANBAL/BALAMBAL**(BALAMBEL)(C,G,MOG,KH)
(9) CR, just S; N,CR (Cuf. 1959). Dwarf shrub, woody forb.

Melhania praemorsa Vollesen ined.
Kuchar 15492, Thulin 5652
(2) CR.

Melhania rotundata Mast. (cf. M. taylori[i] Bak.f.)
**BALAMBAL/BALANBAL**(G)
(4) S,N. Dwarf shrub, woody forb.

Melhania somalensis Bak.
E Ethiopia; ?possibly N Somalia (cf. Cuf. 1959).

Melhania stipulosa J.R.I.Wood
(1)1 CR; N (K). (Wood: 1984, p.136) Small forb with woody rootstock.

Melhania velutina Forsk.
N (Cuf. 1959). Woody annual.

Melhania sec. Hymenonephros
Gillett 13381, Gillett et al. 22066
(5) CR, just S of CR. Dwarf shrub.

Melhania n.sp.
Thulin 4150,4516, Lavranos & 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)
**QARARRO**(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)
QONDRA(Wo)
(5) N,S; CR acc. to Chiov. 1929. Tree.

Sterculia rhynchocarpa K.Schum.
**DHARRAB/DHANRAB**(DAAN RAABOOW,DANRABO, DHANRAB,DANRUB,DHO RAB)(B,MOG,M)
**QARARRO**(QARARO,GANARARHO,GANRARHO,GARAHO, QARANRI)(C,B,MOG,HD)
QANRAR(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 SAGAAR[YAL AIS SAGAR](B)
SIIGAREB(B)
**SAALAWEYNEEYE**(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.)
YAAQ (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)
GEED SUUF (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( ) Afgooye, 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).

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+Two basic groups:
1. Epicalyx absent -

2. Epicalyx present -

Abutilon benadirense 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-MADOOBE (KH)
BALAMBAL/BALANBAL (BALLAMBAL) (G, C, MOG)
GEEDCAD (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 (Torn.) 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. benadirense 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.

Gossypioides kirkii (Mast.) J.B.Hutch.
Boni Forest, Kenya thus expected SW Som.
Woody forb, may scramble.

Gossypium arboreum L.
**SUUF**(SUF)(C)
EX.
Som. incl. Muq.(Cuf. 1959). Forb.

Gossypium barbadense L. (G. peruvianum Cav.)
**CUDBI**(ODBE)(G,M)
**SUUF**(SUF)(G)
EX.
S (Cuf. 1959). Woody forb, shrub, may scramble.

Gossypium benadirense 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)
**SUUF**(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)
**BALANBAL/BALAMBAL**(BALUMBAL)(C,KH,Wo)
**GEED SUUF**(KH)
**SUUF-CAWLOOD**(KH)
SUUFDUUR(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/BALANBAL**(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.
**SAALWEYNEEYE**(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.

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.)
**SAALWEYNEEYE**(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 GEELJIRE** (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)1 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)
**SAALAWEYNEEYE** (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 & Hansen 4075, Gillett et al. 22371)
DUFFMOD (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. haemathophthalmos 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)
TIMOFAAXIS,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)
SUUF-DUUR(SOV-DUR)(C)
1(8)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.

Senra incana Cav. (Serra incana Cav.)
**BALAMBAL/BALANBAL** (BALENBAL, BALUMBAL, BALAMBAAL) (C, MOG, HD, Wo, SAR)
**BALANBAL MADOW** (MOG)
YACAYE (MOG) [CR]
KULMAALEY (MOG) [CR]
QASHIN (HD)
4(22) CR, N, S. Soft dwarf shrub or woody forb.

Senra 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.
**SAALAWEYNEEYE** (SALAWEINEYE) (G, M)
HAIDA-BOR (G)
(1) N; ?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.

Symphyochlamys erlangeri Guerke (Hibiscus benadirensis Mattei)
CHIRIR (C)
GASAAJO (HD)
(5) S. Big shrub.

Thespesia danis Oliv.
**KABXAN/KOBHAN** (KABHAN, KOBAHAN, 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, REÎDEB) (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.)
HIIRAN(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 GOD(M)
BURBUROOD(BURBUROD)(G)
NOWNOWNOLOH(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)

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.
HAMBAORH(MOG)
HAMBAH JUJH(G)
(5) N mts. Shrub or small tree.

Caperonia fistulosa Beille
Hemming & Deshmukh JESS 86/84 & 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 MUDO BEYI,MARA-MUDO-WEYI)(G,MOG,C,M)
**AF MADOOBEYE**(AF MADO BEYE,AF MUDO BEYE)(G)
KERRERI(C:Djib.)
(11) N incl. Laas Caanood-Garoowe. 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

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
SAALAWEYNEEYE (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 N; 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
BUUG-CADE (BUG ADEI, BAAG CAADE, BOGH-ET, BOG-CADDE) (B, C, MOG, SAR)
CADUUR (CADUR, ADUR, ADURR) (B, MOG)
GABAAL, 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)
(?)SAAQE SAAQE (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 N; 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

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+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 & 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 Pax
DIBU(MOG)
(3)1 N mts. Endemic. Armed dwarf succulent.

Euphorbia balsamifera Ait. ssp. adenensis (Defl.) Bally
AINCHER, 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)
GALAALIYO(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 columnaris 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.Carter
NE Kenya (Carter ?1984), expected S Som. Prostrate annual.

Euphorbia ellenbeckii Pax
S (Kazmi 1985).

Euphorbia erlangeri Pax
QABAYAR/QABOYAR/QABO YARO/QABO YARYAR(KH)
KABAYARE?(KHABEERO, KABERO)(MOG,B)
QABI-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.
(Ø)1 CR; S (Cuf. 1958). Endemic. ?Subsucculent shrub.

Euphorbia glochidiata Pax
DABO(B)
**KABAYARE**?(GAABO YAR YAR,GAB YER)(B)
**GALAALIYO**(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 KUBIYE)(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)
**XASAADIN**(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 CAANOOD**(MOG)
(2) S; Jowhar; N (Cuf. 1958). (Sub)prostrate little annual.

Euphorbia hypericifolia
GEED GUUMOOW(SARO

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 CAANOOD**(GHED-ANOD,GHETANO)(C)
GEED-GUUMOOW(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 & Qardho(Gardo). Endemic. Shrub.

Euphorbia longetuberculosa Boiss.
AGADIN(MOG)DALLAN DILO(MOG)
LAN AMBAR(MOG)
**GEED 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.)
**GEED 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
**CIIDI-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)
**CASUURO**(ASSURO)(MOG)
**MAJABE**(MAGGIAVA)(C)
XARARAY,XARARAAY(HD,SAR)
LAFAAY(HD)
QAJAJAALE(HD)
GED'ODE(HD)
GAMOOR-CADE(HD)
5(11)5 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.
DHIIQLE(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.
**GEEDAN**(GEDAN)(G,M)
**JILBADHIIG**(JILBADIG)(G)
N (Cuf. 1956).

Jatropha curcas L.
ANDELMELUC, ANTELMELUC, ANTHALMELOU(C,G)
EX.
S, ?elsewhere (Cuf. 1956). Subsucculent shrub or small tree.

Jatropha dichtar Macbr. incl. var. gracilior A.R.-Sm. ined. (J. ferox Pax)
**DHIIQLE**(DEEQLAY DHIG,DHIIQLAY,DHIQLE)(KH,L)
**DHIIGTAAR**(DIGHDARR,DIGTAO,DIIG SAAR,DIKTAR, DHITAR,DEIGSAR,DIGSAR,DIKSARO,DICTAR, DICHTAR,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)
ORESILE(Wo)
HAMUR(EA)

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+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**(TARAHO)(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, Afgooye. 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**(TARRAHO,TARRAO)(C,G)
(1) Just S; S (Cuf. 1956). Very similar to J. arguta.

Jatropha robecchii Pax
**TARRAXO**(TARAHA)(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, & c11°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**(JILBEDIG,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)
LAMAGOOYE(LAMMAGOIA)(C)
GED-AWAO(C)

Manihot esculenta Crantz (M. aipi Pohl)
MOXOGGO(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)
QABAYAR(KH)
XAMAKOW(AMACOU)(G,M)
(6) CR,S. Endemic. Armed more or less leafless columnar succulent.

Oldfieldia somalensis (Chiov.) Milne-Redh. (Cecchia somalensis Chiov.)
WAMME?(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 BIYOOD**(GEED BIYE)(B)
GEED-HAAREM(EA)
DELAAL(EA)
**MAJABE**(MAJAB,WACHAB)(KTS,HD,B,EA)
**DONFAAR-GOD/DOFAAR-GOD**(DON FAAR GOD,DO FARA GOD)(B)
GOMBER(MAC)
GAMOOR,GUMMUR(MAC,HD)
JAMBO(HD)
4(9)6 S,CR. Shrub in alluvial, seasonally flooded sites.

Phyllanthus spinosus Chiov.
**NAGAAR**(NAGAR)(MOG)
RUQSACADE(KH)
(8) CR,N. (Weakly) armed dwarf shrub.

Phyllanthus suffrutescens Pax
Bally 11155
N: Al Madu range (K). Dwarf shrub.

Phyllanthus indet.
**RAAYOOLE**(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)
TOFOILE(G,C)
**BALAMBAL/BALANBAL**(BALAMBAI,BALAMBAAL,BALAN, BALON, MBALICA)(C,HD)
5(5) N,CR, Afgooye, 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).

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)
OUBDEHEIJU(C)
N (Cuf. 1956). Twining perennial.

Tragia gallabatensis Prain (T. tripartita Prain)
1( ) Afgooye; 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) Afgooye, 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.)
DUBKA(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).

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. jatrophoides Pax S acc. to Kazmi 1985; doubtful record.
E. sp. nr. E. jatrophoides 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.

## 143 ROSACEAE

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.)

## 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 GALOOL (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)
CIDAAD? (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-GUDUUD (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)
LOOMOT (MOG)
RABIA, RABAI, RUBBAIA (C, MOG)
SALMI (B)
DHUUMOOD (LOOMOT, DUMOT) (B)
YUSUR, U SUR (B)
BOIA (C)
UNNE, URME (C)
MEHDEI (C)
MUKULISIINGA (SAR, MOG)

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+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. afrofistula.
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)
**JALEELO**(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]JALEELO**(AGELELO)(C)
**GEED-MADOE**(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)
**JALEELO**(GIALELO)(MOG,Z,KH)
**JALEELO-GEEL**(JALELLO GIL,JALELO GEL)(MOG,Z)
(10) CR, (?)prob. S. Shrub.

Cassia fallacina Chiov.
**CILAAN-JINNI**(ELLAN-GIN,ILLAN-GIUNI)(C,Z)
BARAR-DUC(Z)
MBEMBA(Z)
DHAAY-ILMOOD(HD)
1( )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.
**JALEELO**(JALELLO,GELELLO,GELLELO,JALELO)(C,G,MOG,W)
**JALEELO-ARI**(JALELO-ARI)(G)
SENNA(G)

(8)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)
**JALEELO[HANJALEELO]**(CHELLELO,GELELLO,YALELO,JALLELLO,HANJALEYO)(C,M,NWR)
**JALEELO-ARI**(JALELA-ARI)(Z)
**JALEELO-GEEL**(JALELO GEL)(Z)
?SANAMACHI, ?SENAMAKI, ?SENAMACHI(C)
(1) N; CR (Chiov. 1929). Perennial forb or dwarf shrub, often prostrate.

Cassia longiracemosa Vatke
**JALEELO/HANJALEELO**(GIALELO,JALELO)(G,KH,M)
**JALEELO-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)
**JALEELO** (GALLELA, DJELLELA) (C)
**JALEELO-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
**JALEELO-GEEL** (GELELO GEL) (Z)
(2) N. Woody forb or shrub.

Cassia sophera L.
EX.
Som. (Cuf. 1955). Dwarf shrub or shrub.

Cassia truncata Brenan
**JALEELO/HANJALEELO** (ANJALEELO, JALELO) (KH, L, W, Z)
**JALEELO-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. (Sennia sciapscaple 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)
SHAMAMAXEEYE (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. T. somalensis Mattei)
**XAMAR** (HAMAR) (G, KTS, M, MIS)
**TIMIR-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.

## 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.

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+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)
**QANSAX** (KANTAFA, 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)
**GALOOL** (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
**YOOBE/YUUBE** (YUBE, YUBI) (G, M)
**YUROR** (YURAR) (G, M)
**SUGSUG/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-WEYN**(SARMAN UEN)(G,C)
**SARMAAN-YAR**(SARMAN YER, SARMAN-YER, SARMAN-IER)(C,G)
**GALOOL**(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)
(?1) 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 macalusoi 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)
**GALOOL**(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, GOUMARA, 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 rovumae 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)
QANSAX (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)
QAYDARI (or QAYDAR) (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. GUDHAC [or GODAX?] (GUEA, GORA, GORA, GURAH, GURHA, GURRAH, GODA, GOURA, ORA, KORA) (C, L, M, MAC, B, MOG, M, KH, CAS, Wo, MIS, HD, NWR)
QORAAX (W)
ABAG/AGAB (ABAK, ABAC, OBAC, ACAB, AGAB) (C, M, MOG, M)

**GURAC DURUUJE** (GURHA-DURUJE) (C, M) [thornless var.]
**DURUUJE** (DURUJE) (C, M)
TIM-AD (C)
fr: ABQO (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 GALOOL** (KH)
**CADAAD GUDUUD** (KH)
?MESAR JIBIS (B)
**SOGSOG/SUGSUG** (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)
YOOC (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
**TUUGAAR** (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)
**DHIIGTAAR**(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)
**GURAC**(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.)
**DHIIGTAAR**(KH,W)
SAGAAROGAL(KH)
**GALOOL**(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.)
KABAGOR(KH)
**GABOKOR**?(KABO GOR,KOBOGOR,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, Ptycholobium
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. **Psoraleeae** 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)
?**QALAANQAL** (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. & macalusoi (Mattei) Verdc.
5(11)1 CR,S. Annual(-perennial), can be woody.

Alysicarpus rugosus (Willd.) DC. ssp. rugosus
**CAWS-SHILBOOLE** (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-DAGHUER,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 GAALA**(DIGRE GALLA)(G)
(1) Perennial vine or trailer.

Clitoria ternatea L.
FIITE-FIITE(MOG)
**DHARGO/DHARJO**(MOG)
RIAHELE,RIA EGEE,HRIA EGEE(G,MOG)
**LUG-KELIYA**(LUK-KELIALE)(G)
CALEEN-KORIS(SAR)
**SALBUKOOLE**(SALBOCOLE)(C)
FIFIOLE(C)
GHED-HAROT(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)
**DARJO**(DAREHO)(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-LASOOROOR(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.
DHARGO(MOG)
**CASUURO**(ASSURO,ASSUR)(C,G)
FUGGISO(C)

2(4) Afgooye,CR,N. Perennial, may become woody, straggling or erect.

Crotalaria deflersii Schweinf.
**CASUURO**(ASURO)(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)
QURDHUBAAN(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.)
DHARQODHEER(KH)
**DHARJO/DHERJO**(DAREHO)(G,MOG,M)
**NAGAADH/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)
**DHARGO/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 GAPILADAIE) (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 [lflts 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
**GEED 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**(DARQA)(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-JINNI**(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/DHARQO** (DHANQO, DURCHO, DARCHO, DUREHO) (G, C, MOG)
**CALEEN** (ALLAN, ELLAN, ILLAN) (G, C)
**JINNI** (GINNI) (G)
**CASUURO** (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
**DHARQO** (W)
**DHARQO JINNI** (KH)
DHARQOMADOW (KH)
WELGEY (KH)
**GEED XAJIIN** (GED HAJIN) (MOG)
**GABBALDAY/GABBALDAYE** (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)
QURDHUBAAN UBAXGUDUUD (M)
ARRANAD (G)
(1) N. Dwarf shrub.

Indigofera kucharii Thulin ined.
Kuchar 17074 (sterile), 17606, 17609

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+I. insularis, I. volkensii, 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)
**CAGAAR**(AGAR)(C)
(6)1 N,S, Muq.; CR (Chiov. 1929). Low (woody) forb.

Indigofera ruspolii Bak.f.
**GURDHUBAAN**(GURBAAN)(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.)
**DHARQD/DHARJO**(DARGA,DURCHO,DARGO,DHARQE, DHIRQEL,DARQA,DIRRKAH)(HD,MOG,C,B,Wo,EA)
DA-AKARORH(MOGO
**ILCAS**(ELAS)(MOG)
**CAGAAR**(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)
QURDHUBAAN(KH)
QODAX(KH)
**XAJIIN**(HAJIN,MAAJIN,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.) Gillett
GEED-CADAADE?(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
DHARGO(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.) Gillett
GEED-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 & 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 & 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)
DHARGO(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 Harms
Boni 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.)
**DHIR-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 FIIJIS (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)
SALBACO-URUDLE(C)
**SALBUKO-CAGAAR**(SALBOCO-AGARTOI)(C)
EX.
Cultivated for seeds in S (Cuf. 1955, Kazmi 1985).

Phaseolus vulgaris L.
**SALBUKO-BALUUK**?(SALBOCO-BULLUC)(C)
**SALBUKO-BALUUK-CADE**(SALBOCO-BULLUK-ADDA)(C)
**SALBUKO-BALUUK-GUDUUD**(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, SABANSABAO,SABANSABADOH,SABANSABDO,SABA-SAMBDO,SABASSABDA,SABAN-SABADU)
(C,MOG,KTS,G,B,M,Thulin 1983)
SAMO-SAMDHO(MOG)
CAFT(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.)
**JAWJAWLE**[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)
**GEESORIYOOD/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.

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+ 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)
RAMOODEE(HD)
6(5) S incl. Afgooye, Balcad; 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.
ADUAER(G)
DEIEDDEBBO(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)
SARARCADDEEYE,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.

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+ See Thulin 1986.

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)
AOUER(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**(DHIRQE)(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-DEGHEL(C)
DIRAFEUL(C)
DIIR-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.
**DHOSOQ** (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) S; & 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) N; S (HTS 1983); CR (Chiov. 1929). Small perennial succulent.

Dorstenia gypsophila Lavranos [1972]
(1) N. Erect succulent.

Dorstenia indet.
BOGOCHEO (MOG)
DAGANYADO (MOG)
HAGADAYERU (MOG)

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+ 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.
**LAWEYDI** (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 GODY/GODYS** (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)
1(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)
1(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, MUCOI, MUKEY) (B, MOG, HD, C, M)
**MUKOY-CADE** (MOCOI-ADDA) (C)
**MUKOY-GUDUUD** (MOCOI-GHEDUD) (C)
1(7) N, S. Tree 5-12(20) m.

Ficus thonningii Blume (incl. F. dekdekena (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)
SCIOURA (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-OPTHANYU, 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-OPTHANYU) (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)
**QALAANQAL** (QALLAANQAL) (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+ 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.

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+ 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.)
GARDORSHE(KH)
QODAXTOOL(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(7) N,CR,S: Jowhar, Afgooye. Armed ?evergreen shrub & small tree.

Maytenus somalensis (Loes.) Cuf.
QODAXTOOL(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)
DHEGWEYN(DEGWUN)(G)
SARAD(G)
DEGMUD(G)
(5) CR,N; S (HTS 1983). Evergreen shrub or tree.

Mystroxylon 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.)
ADAHI(G)
ADALIS AD(G)
MOWE/MAWE(MOWO)(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: RUMMAY (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)
CIUNDUCUA, 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.)
QADI (QADE, KADI, QADEY, GADEI) (B, MOG)
DILOWYAHAN/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)
QADI (GADO) (C)
S (Cuf. 1953). Parasite on Cordia, Phyllanthus (Cuf. 1953).

Erianthemum aethiopicum Wiens & Polhill
QADI (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)
FUULO (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)
(?) QADOW (L)
**QADI** (QADO, KADI, CADI, QATHI) (C, G, MAC, MOG, Wo)
**QADI DILOWYAHAN** (QADAW DILOWYEHHEN) (G)
1(11) N, CR, S. Parasite on Acacia, rarely Albizia (FTEA).

Plicosepalus meridianus (Danser) Wiens & Polhill
Somalia (S?). 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 Salvadora (Cuf. 1953).

Tapinanthus sansibarensis (Engl.) Danser (Loranthus volkensii Engl.)
Hemming & Deshmukh JESS 86/219
FULAY(MOG)
1( )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)
QOORCASE(L)
**QADI**(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 schimperi 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 <u>not</u> 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 N; 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 hararense A.G.Miller
N (FE). Woody forb.

Thesium radicans Rich.
N (mts) (Cuf. 1953). Creeping perennial.

## 189a CYNOMORIACEAE

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-MADOOBE (L)
HIIRIM (L)
(6)4 CR,N,S; also Socotra. Shrub, may scramble slightly.

Helinus mystacinus (Ait.) E.Mey.
GAAN-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/XAMUUDH (XAMER, HAMIRI, HAMUD, HAMUR, HAMR) (G, KTS, M, MOG, KH, EA, Wo, NWR, MIS)
GOB/GUB (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/GUB (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)
QABATO(HD)
1(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( )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)
DEEG-DARAN(EA)
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)

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+**GOB** may be N dialect while **GEB** is S.

**LUUBAAN-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, WA RABARED, WARA-WAREB) (EA, B)
**CAANAMACAYS** (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.
**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/DHUUSUNDHUUS**+ (DHUN-DHUS, DHUUNDAS, DOONDUS, DHUSUNDHUS, DUS-DUS, DUNDAS) (M, MOG, L, C, W, MIS)
**QARQON** (GARON) (C)
**QARQON-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. savoiae Chiov.)
**DAB-BIRIQ** (DABIRIQ, DAB BEREK, BABBEREK, DAB BIRIK, DABBRICH, DABBIREK, DABBIREC, DABBIRIC,

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+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, Arillopsidium, Hildebrandtianae, 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**

+'Dhudhus' seems prevalent in the Hawd and Ogaden, while south of Gaalkacyo the name is 'dhuusundhuus'.

**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 GORDYO**(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-MORNDEI(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 & 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)
BISDUGA(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)

**SHILLIN** (SHILAN, SHILLAN, SCILLIN, SCILLING) (G, L, M, MOG)
**GUUD** (GOAD) (C)
resin: **XANJO-GUUD** (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.
BOQONDHOO (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, YEHAR, GEHAR, 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.)
**MUQLE/MUQLO** (MUQLAY, MUKULAY, MOKOLAY, MUQLE, 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)
**MUQLO** (MOQULO, MUGOLOH, MURLO) (EA, G)
**MUQLO-JAREER/MUQLO-JEREER** (KH)
**MIRAFUR/MERAFUR** (MARAFUR, MURAFUR, MAGAFUR) (KH, KTS)
**MIRAFUR-MADOOBE** (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** (MERAHFUR, MYRAFUR, MEDHAFUR, MATHAFUR) (G, C, CAS, Wo)
**MERAFUR-CAD** (MURAFUR-AD) (EA, KTS)
**MUQLE** (MUGOLOH) (EA)
**MUQLO-JAREER** (KH)
MUURJEN (EA)
**UUNSI** (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-BEDOVI, LUBAN-BEDOWI) (C)
**SHEHERI** (C)

**LUUBAAN-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, WA RABARED, WARA-WAREB) (EA, B)
**CAANAMACAYS** (ANA-MA-ESS, ANA-ANA-ESS, ANAMEESS) (G, C)
**GUWAAX, GEED GUWAAX** (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.

**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/DHUUSUNDHUUS**+ (DHUN-DHUS, DHUUNDAS, DOONDUS, DHUSUNDHUS, DUS-DUS, DUNDAS) (M, MOG, L, C, W, MIS)
**GARGON** (GARON) (C)
**GARGON-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. savoiae Chiov.)
**DAB-BIRIQ** (DABIRIQ, DAB BEREK, BABBEREK, DAB BIRIK, DABBRICH, DABBIREK, DABBIREC, DABBIRIC,

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+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, Arillopsidium, Hildebrandtianae, 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**

+'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-XABAALEED/GEED-HAWAALEED** (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.
**GUWAAX** (GOAH) (G, M)
**GEED GUWAAX** (M)
**ILKA-CADEEY/ILKA-CADDAYS** (ILKACADEEYE, ILKA ADEIS, ILKA ADEYE) (M, G, MOG)
**CAANAMACAYS/CAANAMMACEEYA** (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
**GURAAR** (KH)
**GURAAR 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)
**LUUQTOOLE** (?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)
LUUQTOOL (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-GOD** (DON FARRGOT) (G, M)
**GINO-SAGAARO?** (GINO SAGAR) (G)
**GABRAR** (GOBRAN) (G, L)
**GAROON** (QORON, 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)
**DHUUSO MADOOBE** (KH)
**GAROON** (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)
(19)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)
BACAROOR(BA-AROOR,BAROR)(K,EA)
resin: XABAG-DHUNKAAL(HABBAK-DUNKAL)(C)
(0)2 N (incl. Cuf. 1956). Small unarmed shrub.

Commiphora ellenbeckii Engl.
DHIRINDHIR(DERINDER,DERENDER,DERINDI)(KH,M,G,L,W,MOG)
DHIINTAAR(KH)
XAGAR(HAGAR,AGAR)(M,G,CAS)
CAANAMACAYS(KH)
WARAABE-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]
[DHIDDIN/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-MADOW(HAGAR MEDOU)(EA)
XAGAR-CAD(HAGAR AD)(EA)
(17)11 CR,S,N. Unarmed tree.

Commiphora enneaphylla Chiov.
DHUNKAAL(DUNCAL)(G,M)
GAROON-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.)
BACAROOR(BA-ARORH,BAR-ARORH,BA-ARORH,BA-ERON,BARARORTH,PAROR,PARHOR)(MOG,G,B,C)
BACAROOR-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.
BACAROOR(BA-AROR,BA-ARORH)(EA)
DHUNKAAL(DUNCAL)(EA)
DHUNKAAL-MADOW(DUNKAL MEDOU)(EA)
AYNAAD(ENAD,EYNAT,ENAT)(EA)
?GAROON(KH)
GURAAR MADOW(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/BALOLOL? (BALALO) (MOG, EA)
XAGAR (HAGAR) (EA)
XAGAR-CAD (HAGAR AD) (EA)
XAGAR-GAROON (HAGAR KARON) (EA)
GAGOP [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)
BACAROOR-MADOW (BA ARAR MEDU) (G)
URUK? (URUCK) (G)
GAROON (GORON) (C)
GAROON-MADOW (GORON-MEDU, GARRON MEDU) (C, EA)
SAGAARASOL (SAGARSUL) (EA)
GOOB HAREEG (GOBA'HERIG) (KTS, B)
DENKEL? (DAKELLAH, DENHELLEH) (KTS)
KABRARRO [GABRAR?] (KABRAORH) (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.
GAROON-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, c0° 35' N 42° 10' E. Unarmed.

Commiphora gowlello Sprague (C. atramentaria Chiov.)
GOWLALLO/GAWLALLO (GOWLELO, GAULELLO, GOWLELLO, GOLILU, GAWLELOU, GOULELU, GAULALLO, GOWLALO) (MOG, G, EA, C, W, M)
AFBUQ (KH)
JAWDHEER (KH)
GUWAAX (GOAL, GOAR) (MOG)
GUWAAX-TIBBUK (GOAL-TIBBUK, GOAH-TUBUK, GOAH-TIBBUK) (MOG, G, C)
TIBBUK/TUBUK (MOG)
GAARGEY (KH)
WARAABE-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
DHIRINDHIR (W)
DHIRINDHIR 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)

**GARAHO** (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)
**?DHUUSUNDHUUS** (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)
**QAROON** (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)
DILILIGO (L)
(3) CR. Armed prostrate mat-forming dwarf shrub.

Commiphora incisa Chiov. (C. candidula Sprague)
**RAXAN-REEB** (REXAN-REEB, RAHANREB, RAHAN RUB, RAXAN-REB) (M, KH, MOG, L)
DILINDIGO (W)
**NAXAN-REEB** (KH)
**WARAABE** (KH)
**WARAABE-REEB** (KH)
**GUWAAX** (GO-AH, GO'AH, GOAH) (M, G, C)
**GEED GUWAAX** (M)
**XODAY** (KH)
**KAREN KARBO** (EA, Wo)
**GOWLALLO** (GHEOLELLO) (C)
**?DHI INTAAR** (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-WAALIS** (WAHARA WALLIS) (MOG)
**MALA WAXAROD?** (MALA WA HORED, MALA-WA-HAROD, WA-HARO-MALOD) (G, C)
**XABUBOOLE** (prob. incl. HOWABLOHO) (KH, G)
**GADON?** (GHADON) (MOG)
**DALAT** (G)
**XODAY** (HODHE, XODEY) (KTS, CAS)
**DHIRINDHIR** (W)
**MIDQOOLI** (W)
**DILILIQO** (W)
**DHAMMAAJI** (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])
**YOBUUN-MALMAL** (GUBAN-MALMAL) (C)
**OGO-MALMAL** (C)
(26)24 CR, N, S (incl. Cuf. 1956). Armed shrub & bushy tree.

Commiphora obovata Chiov.
**SHAN MAALEES** (SHAN MAL AIS, SHAN MALEISS) (G)
(20) CR, N. Armed shrub or small tree.

Commiphora oddurensis Chiov.
**XODAY** (KH1)
**REYMOL/RIMOOLE** (KH)
**DUFENUD** (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: **BACAROOR** (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
LUUQTOOLE 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
**BACAROOR** (KH)
(2) CR: Hiiraan to Hobyo. 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)
**GAROON** (KH)
**GURAAR** (KH, EA)
**GURAAR MADOOBE** (KH)
?**QUWAAX** (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)
**HORGOOY** (HORGOI) (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)
**HORGOOY** (HORGOI, HARGOI) (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)
**HUMBAWE** (**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.)
**BACAROOR** (BA-ARAR, BAARAR, BA-ARORH, BA'ARAR) (M, G, MOG, EA)
**GEED SUBAGLE** (GHET SUBAK) (G)
**JINOW-SAGAARO** (GINO-SAGAR) (G)
**GEHAI** (EA)
**JAWLE** (KH)
**GARJAWLE** (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)
(10)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
**DHUUSUNDHUUS**(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)
**GAROON**(GAROON)(C)
**QOWAAX**(W)
**QUWAXEED**(KH)
**XAGAR**(HAGAR)(KH,EA)
**XAGAR-MADOW**(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)
**SAGAARSAL**(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)
**DHIRINDHIR**(KH)
**?DHIDDIN/DHEDDIN**(DIDDIN, DIDIN)(M,G,C)
**AFGUB**(AFGREB)(G)
**QUWAAX**(COA, COHA)(G,C)
**JAWDHEER**(KH)
GUROADE(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)
**BACAROOR**(BAR ARORH,BAROR)(KH,V)[& see Vollesen 1985]
**CIIN-BACAROOR**(KH)
(11)10 CR,S. Unarmed singlestem shrub or small tree.

Commiphora ?n.sp. aff. C. unilobata (C. sp.nov. 'H' of EA)
**BACAROOR**(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.)
**GAROON**(GORON,GARON)(C,MOG)
**GAROON-MADOW**(GARON MIDU)(EA)
**XAGAR**(AGAG,AGARG,HAGAG,HAGARG)(C)
**JAWDHEER**(CHAUDERE)(G)
**LUUQTOOLE**(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,?4503
**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
**BACAROOR**(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. Africanae) 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)
QARANQARO/QARANQARBO(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, Afgooye, 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)
**MARODDI-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,HAIRAMAD,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'N & 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 (Kazmi 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)
QARANRAY(KH)
WACAR(KH)
WACANRI,WACANRE(CAS,KH,L,MOG)
ILKA ADEIS(EA)
(13)12 S,CR,N. Broad shrub & 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, SAGARO LEJIDE(G)
GUAHAURI(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 S; 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.)
**BACAROOR**(BA-AROR)(G,M)
JIIDI 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.
?DOOFAAR GOD(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,GEED-XAMAR**(HAMAR)(MOG,C,M,M)
HAIS, HEIS(C,MOG)
**ULA-CASO**(ULA-ASO)(C)
**SISAAY**(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.)
**MATAAN-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-BADOWI**(GED BADAWI,GED 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.

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)
DUDOHO(G)
KCHASIN ADA(EA)
(2)5 N mts; N,S Cuf. 1960). Evergreen shrub & small tree.

## 222 SAPOTACEAE
FTEA 1968

Manilkara mochisia (Bak.) Dubard (Mimusops densiflora Engl. var. paolii Chiov.)
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)

(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, OUABAIO, WABAYO, UABA, UABEI, WABAI, WABEI, WABI, UABAIO, UABAJO, OUABAIO, 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)
OOBEY(ABEI, HABEJ, UMBEI, HABEI)(C, G, EA, MOG, KH)
FANIITA[FAGIRTA](B)
SARBA ARBA(KTS)

GILWAH(MAC)
ADAAHI(MOG,NWR)
NAAS EELO(MOG)
ABBORTA-HAI,ABERTA-HA,ABARTIAI,HABRTIAY, HABARDAYDE,HABARTIAYE(C,G,EA)
HAB(R)ABADHER(MOG)
**BADHI-WEYN**(BADIYAWEIN,BOUDYTO-WEIN, GUDIAWING)(G,EA)
**DUN DHURWAA**(DUN DURWAH,DUH DURWAIY)(G,EA)
WARAABE QARON?(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.

Ancylobothrys 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)
(0)1 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**(ANOLE)(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. (Piaggiaea 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 (Steinheilia)
   - 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.)

FARO 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. oxyodonta 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, GEYSA-RIAD, 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 Guillemin)
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.)

**XAMAKOW** (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)
**SUUF-JINNI** (SUFI 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(r)ight
**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., Steinheilia 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(CHESSERIOD)(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)
CUNEEXO(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(GHESERIOT)(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. ephedriformis (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-viperae 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.)
ARDOR-KHALEH(C)
N (Cuf. 1961). Leafless succulent.

GEN. AFF. PERIPLOCA (Periploca laevigata Ait. in Kew Bul. 1954 & Cuf.,[OR?] Cryptolepis sp. in Cuf. 19 (p.696), Tacazzea apiculata acc. to Kazmi 1985)
**GEESARRIYAAD/GEESARRIYOOD**(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. Gawen, 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 Baill. (C. pallidum (K.Schum.) Bullock)
(1) S. Shrub.

Canthium robynsianum 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.)
**DHIINGARAS**(BINGARAS, DINGARAS, DENGARAS, DINGRAS)(C, G, KH, L)
LOOBAGABAJIIR(KH)
FIID(B)
MAREER ORR GAAB(MERER OOR GAABO, MARERH 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)
**MARMARODD**(MORMORDU)(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 elliottii K.Schum.& Krause [syn?]
Boni Forest, Kenya thus expected SW Som.

Pavetta gardeniifolia A.Rich. (P. fossorum Bremek., P. hochstetteri Bremek.; the small-lvd variant = P. somaliensis Bremek.)
BIES,BIEIS(MOG,C)
GOTIMAH-SOMIH(C)
MEDANGA(C)
**CAANAMACAYS**(AINO-MAYE-I)(G,M)
MIROOLE-ABTIGIIS(MOG)
(6) N; just S (incl. Chiov. 1932); CR? Shrub.

Pavetta microphylla Chiov.
CR or just S (Chiov. 1929). Shrub.

Pavetta olivifolia Chiov. (?Tarenna)
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) Brids. (P. albertina S.Moore)
JACJAC/JACJACLE(KH)
AMARDY 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,ROGUMBA)(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).

Pentanisia calcicola Verdc.
(1)1 CR: Hobyo. Small dwarf shrub.

Pentanisia longepedunculata Verdc.
(1) CR (incl. Cuf. 1965). (?)Small forb.

Pentanisia longituba (Franch.) Oliv. (may also be treated as a ssp. of P. ouranogyne)
GHESSEL(C)
(2) N; CR (CRS); also S (Cuf. 1965). Perennial.

Pentanisia microphylla (Franch.) Chiov.
KURUSTUUR(KH)
SABALDHAQ(KH)
BERDO(G)
(5) N; CR (Chiov. 1929). Dwarf shrub, pseudospinose.

Pentanisia ouranogyne S.Moore
GERDAN REB(G)
(4) N mts, S. Perennial.

Pentanisia ?n.sp.
Gillett et al. 22180,22205
(2) CR. Very dwarfed shrub.

Pentanopsis fragrans Rendle
JACJACLE(KH)
**SAYSAAB**(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)
Balcad (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. Chiovenda'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,DHO(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. (Canthum 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 (Gand.) 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 ligustriodora Chiov.)
CAANAMACAYS/CAANAMMACEEYE (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)
?GEED-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).

## 236 DIPSACACEAE
FTEA 1968

Pterocephalus frutescens A.Rich. (Scabiosa frutescens Hiern)
BOKO TA HILA (G)
MEDIAGANI (MOG, EA)
NOWNOLOHO (MOG, EA)
HAGAS (EA)
(3)8 N mts & on plains below Erigavo area. Dwarf shrub (not herbaceous as elsewhere).

## 238 COMPOSITAE

Tribes:
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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)
**LUUBAAN-DUUREED** (LUBAN-DUUREED) (C,SAR)
(2)5 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.)
HIIRAN 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 pyrrhopappa 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 bangueolensis 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 schimperi (DC.) Hoffm. (Hochstetteria schimperi 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.)
GEED-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 GUMO(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,MIDIAGANI,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,HARAMO(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 schimperi 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 schimperi (Sch.Bip.) Beauv. (Landtia schimperi 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 schimperi (A.Rich.) Moeser
N (Cuf. 1966).

Helichrysum somalense Bak.f.
CAAW XARAARSHE(KH)
CANOXARASHE(KH)
BURDUT(MOG)
COKAD(MOG)
GHURRI(MOG)
GEED-GODXEED(GEDGOHED)['the thorny plant' - though unarmed!](MOG)
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)
**GAGABEY/GAGABO/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., Monadenium 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. violaceu (Berger) Hutch. & Bruce)
**LAMAX** (LAMAN, LAMAGH, LAMAH-AIN) (G, MOG, M, C)
WIRIB (G)
**WEES** (UAS) (C)
**WISIL** (KH, L)
**GODAAR** (GODAR, GODDAR, GODOR) (C, G, M)
(7) CR, N; also S (Cuf. 1967). Shrub-like succulent, spreading & climbing slightly

Kleinia triantha Chiov.
**GODAAR** (GUDOR) (MOG)
(7) N, CR; S (Cuf. 1967). Succulent (weak scrambling) shrub.

Kleinia sp.
Kuchar 16255
(1) CR: 15 km E of Buulo Burte. Succulen 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.
**WANSHAQAAR/WANSHIGAAR** (L)
**HARAMA CAANOOLE** (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,WA-SHAGA,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. (Tripteris 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.

Plůchea 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)
MIRRUKSENI(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. & Burtt
(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 guestii 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.
RIIHAAN-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.)
SIRMAKOOY(MOG)
**RIIXAAN/REEXAAN**(RIHAN)(G)
AGIN(C)
(3) CR, just S. Aromatic woody forb, dwarf shrub.

Sphaeranthus indet.
TUUROW,TU RU(B)

Spilanthes mauritiana (Pers.) DC.
?Poss. N; cited in Glover 1947.

Tagetes minuta L.
**GEED GADHMUUN**(MOG)
SUN GORMUN(MOG)

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+ 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) Afgooye. 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)
SARARCADDEEYE(KH)
UL DHIIG(B)
**HIIL**(HEEL,HIL,MIIL)(G,EA,L,MOG)
TARAO(MOG)
**GEED-CAD**(W)
TORAU MAGIFI(EA)
2(17)18 CR,N,S. Dwarf shrub & shrub, sometimes slightly scrambly.

Vernonia cinerea (L.) Less.
SIR-MOKAAY/SIR MAKAAY(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)
1(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)
**XASHAASH**?(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)
GABO 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 (Statice 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 SALIR[/E]BA (MOG)
(11)16 CR, N. Succulent-lvd dwarf shrub.

Limonium carinense (Chiov.) Cuf. (Statice 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. (Statice nogalensis Chiov.)
(0)3 N: at Eil. Succulent-lvd dwarf shrub.

Limonium sp. aff. L. nogalense (Chiov.) Verdc. & Hemming (Statice nogalensis Chiov.)
(1) N of Eil. Dwarf shrub.

Limonium somalorum (Vierh.) Hutch. & Bruce
**DABAYOOD** (DOMBAYOD, DUMBAIYOD) (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.

## 242 PLANTAGINACEAE
FTEA 1971

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.)
GUBTAANYA(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)
MAREERQOOX (KH)
**MAREER/MADHEEDH** (MAREHR, MARED, MADED, ?MADER) (G, MOG, KTS, M, KH, Wo)
**MAREER DEYLIB** (MAREER DAYLIB, MERER DEYLIB, MARERH 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
(Ø)2 S. Tree 30m.

Cordia sinensis Lam. (C. gharaf (Forsk.) Asch.)
**MAREER/MADHEEDH** (MODHEEDH, MERERH, MARER, 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)
BARED (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**? (MARER-DOY, MAREER DEH) (MAC, MOG)
**MAREER** (MERER, MERERI, MARERI) (C, G)
9(12)1 Muq., CR, S. Shrub.

Cordia subcordata Lam.
S (Cuf. 1961).

Cordia suckertii Chiov.
HAMIR (KH)
GUDAY (KH)
**GUBE** (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)
**XADOOLE**(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.)
KABAAGEYE(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)1 Muq; CR (Chiov. 1929); N,S (Cuf. 1961). Dwarf shrub.

Heliotropium bacciferum Forsk.
**FOOD-CADE**(FORDA-ADA)(C)
(2) N (Cuf. 1961).

Heliotropium benadirense 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 FAROLE(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: omc;/ 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. hereroense (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)1 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
MARQAFUR(MARQA-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,GAHOD)(G,B,EA)
(3)5 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,GAHOD)(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)
**HAMBAWEEYE**(HUMBAWEIIYE)(MOG)
GAHAD, GAHOD(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.

Wellstedia n.sp.
Bally & Melville 15963
**GEED-CANBAR** (GEDAMBAR) (MOG)
(3) N incl. S of Gardo. Small forb or dwarf shrub.

Wellstedia 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 [BUNGI] (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)
RIHENGO (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.
**TABAAKO** (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
**ARUUNDO** (ALUNDO, ARUNDO) (C)
(1) NE of Muq; CR (Chiov. 1929); S (Cuf. 1963). Armed shrub.

Solanum benadirense Chiov. (1916)
Types: Paoli 41, 68.
Muq. (Cuf. 1963). Dwarf shrub.

Solanum sp. cf. S. benadirense Chiov.
(4) CR, Muq. Dwarf shrub.

Solanum campylacanthum A. Rich. (S. floccosostellatum Bitter; perhaps a form of S. incanum L.)
**HOMBOY**? (OMBOI) (G)

VENINO(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).

Soalnum hastifolium Dun. forma vel sp.aff. Deshmukh JESS 250
MAKARUMBEY(HD)
S: Jubba Valley.

Solanum hildebrandtii A.Br. & Bouche
AIO(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)
MAKARUUMBEY(SAR,MOG)
**ARUUNDO**(ARUNDEH,ALLUNDE)(MAC,Ali 1986)
MAKARUUMBI-WAHEEYN(HD), MAKARUUMBI-WAAWEYN(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)
**DANBIIL**(DANBAL,DAMBIL)(MOG,B)
GEED BUN(B)
DAMEERO QUMIS,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)
CHERIRI, CHIRIRI(C)
?ME-EGODLE, ?MEIH-GODLEH(C,MOG)
(1) N, & just S. Armed shrub.

Solanum melongena L.
**BEDENGAAL?/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)
WANIINOOD(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(KURAARIYEY, 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.

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FTEA 1963

Astripomoea grantii (Rendle) Verdc.
**GEED-BIYOOD**?(GHED-HIAT)(C)
S (Cuf. 1961).

Astripomoea hyoscyamoides (Vatke) Verdc. var. hyoscyamoides
1(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)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
SHESHE(MOG)
(2) N. Dwarf shrub.

Convolvulus hystrix Vahl
**GEELDABAR**(GELDABAR)(MOG, M)
HARA, HARAH, HEIRAH(MOG)
XIRKOOD(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.
BOHOTLEH FERA (MOG)
**GEED-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)1 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
HIIRAN (KH)
HIIRANCAD (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
HIIRAN (KH)
HIIRANCAD (KH)

(5)1 CR,S, also N (Cuf. 1961). Dwarf shrub/shrub.

Hildebrandtia sericea Hutch. & Bruce
**MARMAROOD** (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.
BARREYBAAJIS (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)
**WAXARA-WAALIS** (WEIL-HAREN, WAHARA WALIS, WAHARA WALLIS, WAHARO WALIS, WAHARRO WARLISE, UHARRA-UALIS) (C,G,KTS,NWR)
LAAN JIID, LANGID (B)
?OOMBO (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 MADOOBE (KH)
BUULO-LOOD (KH)
BARRIBOTE, BIRRIBOTE (KTS), BARAYBOTI (M), BARIBOTI (Wo)
MADOOYAA (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)
BRAGHISI (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)
SOOF 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-trigridis L. var. pes-tigridis & var. longibracteata Vatke
SAAR SAAR HAJIIMOW(HD)
1( )1 N,S. Trailing annual.

Ipomoea plebeia R.Br. ssp. africana Meeuse
SAAQ-SAAQ(HD)
2(1)2 S. Annual twiner, prostrate creeping forb.

Ipomoea rubens Choisy
S (Cuf. 1961).

Ipomoea sepiaria Roxb.
BAR BARAAJIS(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. chrysosperma 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.
BARAAJIS,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)1 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].

## 252 SCROPHULARIACEAE

Alectra asperrima Benth.
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)
EBAROAH(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)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).

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. stenantha 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 polemoniloides 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 WARAABAHA (M)
**QORO-WARAABE** (ARO WARABA, KORO WARABA, ORO WARRABA) (G)
DAGAYO-BOR (G)
**GUS-WARAABE** (GUS UARABE, GUSUARABE) (C,G)
GORAWNARAFA (C)
1( )1 CR,N. Subsucculent herbaceous root parasite, on Suaeda.

Cistanche tubulosa (Schenk.) Hook.f. (C. lutea Hoffmgg. & Link)
**QORO-WARAABE** (KOORA WARAABAHA, 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)
**QORO-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. mutelii 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( ) Afgooye. Tree.

Kigelia africana (Lam.) Benth. (K. aethiopum (Fenzl) Dandy, K. aethiopica Decne, K.

abyssinica Rich., K. pinnata (Jacq.) DC., K. somalensis Mattei)
**BAKAROOR** (BOCORAL, BOCORALE, BOCCURAL, BORCALE, BORCHALE, BUCROR) (C, G, M)
**BERDE** (BARDE) (MOG, B)
CURAL (C)
SAG (C)
1(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.

?Pedaliodiscus 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.
-MARODDI (QANDAY-MARODI) (MOG)
**XANJO** (MOG)
CA-GHAR (C)
CAHAC-UEN (C)
KHANDUR (C)
KAHAR MARODDI (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 Hobyo. 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.

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+Three major groups, based on stamen number:
1. **Stamens 2**

2. **Stamens 4**

3. **Intermediate** Barleria

Bally B11123
(1) N mts. Shrub.

Asystasia ansellioides 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
QODAX(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)
**QODAXTOOL**(QUDAH-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
**GODAXTOOL** (ADAN TONLE, ODON TONLE, ODON-TONLEH-ARAN) (C, G, KH)
GODAX (KH)
**GEED-GOODIR**? (GETGOTHERR) (MOG)
**CARAN-CAD**? (ARAN AD) (G)
**CAD** (AD) ['white'] (C)
1(8)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)
**GODAXTOOL** (OTHAHATOL) (KH, W)
XIDDIG (KH)
**CARAN-CAD**? (ARAN-AD) (C)
2(7) N, ?Afgooye; 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)
**RUQSEY** (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 (Guf. 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.
HOHOSOHAT(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 lorteae 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)

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+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 Fiori
NURI(C)
S (Fiori 1915). Forb.

Justicia phillipsiae Rendle
~~NAGAAR-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 & Carter 23285
(1) CR: 3°26'N 46°47'E. Dwarf shrub, woody forb.

Justicia indet.
CAWS ALOOL(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 Nees
SHIISHE,SHISHI,SHINSHI(B,EA)
(1)2 N,S (incl. Cuf. 1964). Woody forb or shrub.

Lindauea speciosa Rendle
UAROS(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)
**GEED DEEBLE**(MOG)
WANSHAQAAR(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 SAR[B?]AGLE)(MOG)
SAIRA BUR(MOG)
(2) N.

Ruspolia hypocrateriformis (Vahl) Milne-Redh.
(2) S. Is it a woody forb or shrub?

Ruspolia pseuderanthemoides 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)
OOR 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)

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+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
**DHUUMOOD**(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
**DALOOL/DHALOOL**?(DALOL)(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.
**DHUUMOOD**(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 carviodora 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, N; also S (Cuf. 1962). Prostrate ?annual.

Premna oligotricha Bak.
GHRADHA-GHRADHA (EA)
(0)4 N; 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, JAADE JAADE) (EA, MOG, KH, L, HD)
GARAN GAARE, GARAN GARA (B)
GADA-GADA, GHADA-GHADA (C)
**DHUUMOOD** (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) N; just S (Chiov. 1929). Annual.

Priva cordifolia (L.f.) Druce var. abyssinica (Jaub. & Spach) Moldenke
DAG-DAG, DEG-DEGU (C)
(1) S; 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) N; 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)
GOOBWEYN (EA; or is this a locality?)
EX?
1(0)1 S. Shrub.

Vitex tangensis Guerke
MADACH-BOCH, MADAC-BOC (C)
S (Cuf. 1962).

## 263a CYCLOCHEILACEAE
FTEA 1984

Asepalum eriantherum (Vatke) Marais
(Cyclocheilon eriantherum (Vatke) Engl., Tinnea arabica Bak.)
**XAJIIN**(KH)
XAJIIN-MADOOBE(KH)
QARE KA QABOODE(KH)
(?)DHIINGARAS(KH)
**XAJIIN-CASEEYE**(HAJIN ASEYE)(G,M)
**XANJO-CASEEYE**(HANJA ASEYI)(M,MOG)
**KABA-CASEEYE**(KABBA ASSA,KABA-ASEYE,CABBA-ASSA)(C,G,M)
GURBI(KTS)
GIYAPP(KTS)
**BUR-BUR**?(MOG)
**DANYO**(DAINYA)(G,C)
SONKOOREED(L)
(14) CR,N, Muq. Shrub/dwarf shrub, (maybe weakly scandent).

Asepalum sp. = Kuchar 15426 [one of next 2]
WARAS(KH)
(6) CR. Prostrate or erect soft dwarf shrub or woody forb.

Cyclocheilon kelleri Engl. var. kelleri (may be under C. somaliense)
(2) CR. Dwarf shrub.

Cyclocheilon physocalyx Chiov.
(1) N; CR (Kazmi 1985). Mat-forming dwarf shrub.

Cyclocheilon somaliense Oliv. (may include C. kelleri)
MARQA MAYDH(MARGA-MAID)(G,M)
**BURBUROOD**(BARBAROD,BURBUROD)(G,MOG,Z)
**MARMAROOD**(MARMAROD)(MOG)
EDEEAGUDUCHE(G)
**KABA-CASEEYE**(KABA-ASEYE)(C)
(3) CR; N,S (Cuf. 1962). Small shrub.

## 264 LABIATAE+

+Two basic groups based on stamen position:
1. **Arcuate** (stamens rising & arcing)

2. **Declinate** (stamens descending)

Aeollanthus zanzibaricus S.Moore (A. stefaninii Chiov.)
S (Cuf. 1963).

Basilicum polystachyum (L.) Moench
UR-URE(C)
(1) S; Balcad (Chiov. 1934). Annual.

Becium affine (Benth.) Chiov. incl. var. cyclophyllum (Chiov.) Chiov. (Ocimum cyclophyllum Chiov.)
S; expected CR acc. to ?Chiov.

Becium filamentosum (Forsk.) Chiov.
(2)1 Muq. 20 km NE. Perennial with woody base & succulent lvs.

Becium obovatum (E.Mey.) N.E.Br. var. knyanum (Vatke) Cuf.
**REEXAAN**(RIHAN)(MOG)
(1) S; CR (Chiov. 1929); N (Cuf. 1963). Woody forb or dwarf shrub.

Becium stirbeyi (Schweinf. & Volk.) Cuf.
Doubtfully S (cf. Cuf. 63).

Becium verticillifolium (Bak.) Cuf.
(1) N mts. Dwarf shrub.

Becium sp.
Hansen & Heemstra 6195
(3) N,CR. Dwarf shrub.

Calamintha sp. (= Nepeta or Satureja)
(1) N mts. Forb.

Capitanya otostegioides Guerke
DHALOOLEY(KH)
AHALO(C)
1(12) N,CR,S. Succulent aromatic woody forb or dwarf shrub.

Endostemon ctenoneurus R.Harley (incl. Beckett & White 1528)
**RIIXAAN**(B)
SAN FUR(B)
(1) CR; S (HTS 1983). Woody annual forb (dwarf shrub?).

Endostemon sp. aff. E. ctenoneurus R.Harley

Beckett & White 1565
(1) S. Small woody forb.

Endostemon gracilis (Benth.) Ashby
(Orthosiphon glutinosus Chiov.)
**DHIKRI**?(DIKRI)(MOG)
HI CAN GHERGHERET(G)
URURI(C)
3(2) N,S, Afgooye, Muq. Small annual forb or perhaps dwarf shrub.

Endostemon obbiadensis (Chiov.) Ashby
(Orthosiphon obbiadensis Chiov.)
(2) Muq. & NE of Muq.; CR (Cuf. 1963). Small ?subsucculent woody forb ?or dwarf shrub.

Endostemon tenuiflorus (Benth.) Ashby
(Orthosiphon tenuiflorus Benth.)
NUURIYE(KH)
QALAANQAL MADOOBE(KH)
REEXAN BANAAN(KH)
**REEXAAN**(RIIXAAN,RIHAN)(B)
GED LABEN(G)
RHIDA,RIDA,HRIDA(G,MOG)
GEED-CALEEMAAD(W)
(10) CR; N (Cuf. 1963), S (HTS). (Woody) forb or dwarf shrub.

Endostemon tereticaulis (Poir.) Ashby
**BUR-BUR**?(C)
**NAGAAR/NAGAADH MADOW**(NAGGARD-MADOW)(C)
RHEDO(EA)
DINRI(EA)
GIRD(EA)
UDUK(EA)
SAGAR(EA)
**IRMAAN**(IRMAN)(EA)
URGAU(EA)
(0)5 N; N,CR,S (Cuf. 1963). Annual or short-lived perennial dwarf shrub (or woody forb).

Endostemon sp. aff. E. tereticaulis (Poir.) Ashby
(1) N. Dwarf shrub.

Endostemon wakefieldii (Bak.) Ashby
(Orthosiphon wakefieldii Bak.)
(1)1 S; expected CR acc. to ?Chiov. Small forb.

Endostemon indet.
GED RAHMA(B)

Erythrochlamys cufodontii Lanza
(2) CR; CR,S (Kazmi 1985); N (Cuf. 1963). Dwarf shrub.

Erythrochlamys leucosphaeria Briq. (?or near C. niveus Chiov.)
**JIMBAC**(CHIMBA)(MOG)
**QURUN**(KURUN)(MOG)
(7) CR; N (Cuf. 1963). Dwarf shrub.

Erythrochlamys nummularia (S.Moore) Hedge
(E. niveus Chiov., Hyperaspis nummularia S.Moore)
**JIMBAC**(CHIMBA)(G,M)
**QURUN**(KURUN)(G)
N (Cuf. 1963).

Erythrochlamys spectabilis Guerke (E. kelleri Briq., ?Ocimum kelleri Briq., ?Hyperaspis kelleri Briq.)
BAANSAY(KH)
GEES-COWLEED(KH)
**GEED-CAD**(GED CAD)(MOG)
LANCIR(G)
MALMALEI(G)
DAIDUP(C)
JIJATE,JIJALE(Wo)
(8)7 CR,S,?N. Shrub.

Erythrochlamys sp.aff. E. spectabilis Guerke
Gillett et al. 22434
(2) CR. Shrub.

Erythrochlamys sp.
Gillett & Hemming 24604
(1) CR. Dwarf shrub.

Erythrochlamys indet.
YACE(B)

Hoslundia opposita Vahl
(6)5 S,CR. (Soft) shrub, dwarf shrub.

Lavandula+ aristibracteata A.G.Miller
N mts. (Miller 1985, p. )

Lavandula coronopifolia Poir.
Djibouti (Cuf. 1962).

Lavandula galgalloensis A.G.Miller
N mts. (Miller 1985, p. )

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+ see Miller 1985.

Lavandula macra Bak.
DUL, DHUL (C)
(1) N. Dwarf shrub.

Lavandula nimmoi Benth.
Socotra.

Lavandula setifera T. Anders.
(2) N. Woody forb.

Lavandula somaliensis Chaytor
GETTOWI (C)
(2) N mts. Forb.

Leucas++ abyssinica (Benth.) Briq. var. argyrophylla (Vatke) Sebald & var. brachycalyx (Chiov.) Lanza (Lasiocorys argyrophylla Vatke)
**NAGAAR/NAGAADH CAD** (MOG)
**BAKOORA-ARI**? (BUKORO ARI) (C, MOG)
ANDO-FIA-WI (MOG, B)
YUBLULUC, JEBLULO, YIBLULA, YOUBLOOLA, YEBLULO, YIBLULO, YIBLULU, ZIBLOELA (C, G, MOG)
GED-MADY (MOG)
CANHAD (MOG)
WEILAWUD (G)
GUERAD (C)
DOELOELOE (C)
DULULO, DULULU (C)
SAI-URE (C)
UA-ARRI, UA-HARRI (C)
(25) CR, N, S; var. brachycalyx restricted to N. Dwarf shrub.

Leucas acanthocalycina Sebald
NE (Sebald 19 ). Perennial forb or dwarf shrub.

Leucas cuneifolia Bak.
**SARIN** (MOG)
(8) N, CR. Dwarf shrub.

Leucas deflexa Hook. f. vel sp. aff. Hemming & Deshmukh JESS/86/156, 203
2(0)2 S: near Jubba R., 0° 12-28' N. Woody forb.

Leucas discolor Sebald var. ellipticifolia Sebald (Lasiocorys royleoides sensu Cuf.)
S (Cuf. 1962), N, Djibouti (Sebald 1978).

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++see Sebald 1978, 1980

Leucas glabrata (Vahl) R. Br. var. glabrata & var. chiatelliniana (Chiov.) Sebald (L. glaberrima Jaub. & Spach, L. chiatelliniana Chiov., L. mogadoxensis Chiov., L. paucijuga Bak., L. thymoides Bak., L. trachyphylla Jaub. & Spach)
UAF-NAFOLE (Z)
(11)2 S, N, Muq., Balcad; expected CR acc. to ?Chiov. (Annual) forb, may be woody, may straggle.

Leucas inflata Benth.
(1) N incl. just N of CR. Woody forb.

Leucas jamesii Bak. (L. ogadensis Guerke)
JEBLULO, YIBLULA, YEBLULO, YUBLULO, YUBLULLUC (C, G, MOG)
DOBAGO-YEH (MOG)
WEILAWUD, WELUWUD (G, Z)
(13) CR, N. Narrow shrub.

Leucas martinicensis (Jacq.) R. Br.
OKLI-HADUWA (Z)
N (Sebald 1980).

Leucas minimifolia Chiov.
(incl. Gillett et al. 22217, 22488)
NUURIYE (KH)
REEXAN (KH)
REEXAN-YARYAR (KH)
**JIMBAC** (CHIMBA) (MOG)
**GEED QURUN** (GED QURUN) (MOG)
(7) CR; N (Cuf. 1962, Sebald 1980). Dwarf shrub.

Leucas neuflizeana Courb. var. neuflizeana
HASHASH (Z)
N (Cuf. 1962, Sebald 1980).

Leucas nubica Benth.
GINE (Z)
S (Chiov. 1932, Sebald 1980). Annual.

Leucas somalensis Vatke
N (Cuf. 1962, Sebald 1980).

Leucas urticifolia R. Br. var. urticifolia (L. coleae Bak.), var. annulata Sebald & var. angustifolia Sebald (L. micrantha auctt. non Guerke)
**WAA ISKA GEED** ['it's just a plant'] (WA-SKU GED) (MOG)
HOBNOLE (MOG)
ATUTU, ATOOTOO (Z, G)

HASH HASH(G)
UAF-NAFOLE(C)
DAADI(Z)
(5) N; N,CR,S (Cuf. 1962, Sebald 1980); var. urticifolia in N&S, the other 2 in S only. (Woody) annual forb.

Leucas indet.
GEED QUDHUN,GEED QURUN(M)
GEED XAJIIN(M)
RIHAN(Wo)

Nepeta azurea Benth.
N (Cuf. 1962).

Nepeta biloba Benth.
Djibouti (Cuf. 1962).

Ocimum basilicum L. (O. americanum L.)
NAURIYE(KH)
**REEXAAN/RIIXAAN**(REHAN,REEXAN)(MOG,KH)
**DHIKRI**(DIKRI)(MOG,M)
HORGMARLEH(G)
2(4) N,S, Afgooye; CR (Chiov. 1929). Forb, woody forb.

Ocimum canum Sims
REJJ(MAC)
HEGGI(C)
RIRI(C)
**REEXAAN**(REHAN)(HD)
GHED-ZUBAC(C)
MATITI(C)
MIER-MESIRIS(C)
**DHIKRI**(DIKRI)(C)
MIRRA-ARTHRADLEEH(C)
(3) Muq.-Balcad; S (K), N (Cuf. 1963). ?Shrub.

Ocimum falcatum Gand.
S (Cuf. 1963).

Ocimum gratissimum L.
S (Cuf. 1963).

Ocimum hadiense Forsk. (O. menthaefolium Benth.)
HIBAAQ(HIBAG)(MOG,M)
HRIDA(G)
HRIDO DAIYER(G)
MATITIA(G)
(3) N; just S; expected CR acc. to ?Chiov. Woody forb.

Ocimum sp.aff. O. ?hadiense Forsk.
Elmi 488,489 [are these nos. different spp??]
(2) CR. Dwarf shrub.

Ocimum piliferum Briq. (?O. somaliense Briq.)
N, possibly CR (cf. Cuf. 1963).

Ocimum spicatum Defl. (O. superbum Busc. & Muschl.)
**REEXAAN**(KH)
**REEXAAN-WEYN**(REHAN-UEN)(G)
**SABUULIYE-SABUULLE**(SABUULIYE-SABULLE)(MOG)
2(4) [correct name?] CR; S,?N (Cuf. 1963). Softly woody dwarf shrub.

Ocimum staminosum Bak.
**DHIKRI**(DIKRI)(MOG)
**MARABOOB**(MARABOB)(C)
(2) N. Woody forb.

Ocimum suave Willd. (O. urticifolium Roth)
(1) N. Woody forb, ?dwarf shrub.

Ocimum tomentosum Oliv. incl. var. grandifolium Chiov.
JILAB CAD(KH)
SUFUR CAD(KH)
YACAYADDE(KH)
**GEEDCAD**(GED AD,GHEDA-AD)(C,MOG,M)
**WANCAD**(WANAD)(G,M,MOG)
**XAABO-CAD**(MOG)
**RIIXAAN/REEXAAN**(RIAN)(C,MOG)
**BALANBAL**(Wo)
BALANBAL-FUL-ADE(Wo)
IDIC,I-ID(MOG,B)
YU-UB(Wo)
1(22) CR,N,S (incl. Cuf. 1963). Compact dwarf shrub.

Ocimum sp.
Fac.Sci.MOG 4, Gillett et al. 22663, Beckett 387
(3) CR. Woody forb or dwarf shrub.

Ocimum indet.
MATITO(B)

Orthosiphon bullosus Chiov.
S (Cuf. 1963); expected CR acc. to ?Chiov.

Orthosiphon grandiflorus Terracc.
Doubtfully S (Cf. Cuf. 1963).

Orthosiphon mollis Bak.
N (Cuf. 1963).

Orthosiphon pallidus Benth.
(1) N(mts); S (Chiov. 1932). Small woody forb.

Orthosiphon parvifolius Vatke
S (Chiov. 1929).

Orthosiphon somalensis Vatke (O. calaminthoides Bak.)
ANO DUG(G)
(1) N(mts). Woody forb.

Orthosiphon suffrutescens (Thonn.) Morton (O. hildebrandtii Bak.)
CAZZAME(C)
(1) N mts; expected CR acc. to ?Chiov. Forb or weak shrub.

Otostegia hildebrandtii (Vatke & Kurtz) Sebald (Ballota hildebrandtii Vatke & Kurtz)
**SURAD-CAD**(SERAR-ED,SERAT-AD)(C,MOG)
**GEED-UREED**(GED-AURED)(C)
(7) N mts. Shrub or woody forb.

Otostegia migiurtiana Sebald
N (Sebald 1973). Dwarf shrub.

Otostegia modesta S.Moore var. modesta & var. buranensis Sebald (Somali material formerly called O. reparda)
**QARO**(KARO)(G,M)
(1) N mts. Shrub, dwarf shrub.

Otostegia somala (Patzak) Sebald (Ballota somala Patzak, B. microphylla Chiov.)
**GEED-XAMAR**(GED-HAMER)(C)
(1) N. Woody forb, ?dwarf shrub.

?Otostegia indet.
DIRINDER-WOHO(C)

Plectranthus albidus (Vatke)_____ (Coleus albidus Vatke)
(1) N mts. Succulent.

Plectranthus aulihanensis (Schweinf. & Volk.)_____
Doubtfully S (cf. Cuf. 1963).

Plectranthus barbatus Andrews
**DHALOOL**(DALOL)(G,M)
**MANDHARUUG/MANDHARAAN**(MANTARAR,MTERA HAD)(G)
(1) N mts. Succulent.

Plectranthus burorum (Chiov.) _____ (Coleus burorum Chiov.)
S (Cuf. 1963).

Plectranthus cicatricosus (Hutch. & Bruce)_____ (Coleus cicatricosus Hutch. & Bruce)
**DHALOOL**(DALOL)(G,M)
(2) N (mts). Succulent.

Plectranthus coerulescens (Guerke) Willemse
(2) N mts. Small subsucculent. (Willemse? 1985, p.95)

Plectranthus comosus (Roth) Agnew
**MANDHARAAN**(MTERA)(C)
N,S (Cuf. 1963).

Plectranthus cuneatus (Bak.)_____
N (Cuf. 1963).

Plectranthus flaccidus (Vatke) Guerke
(1) S.

Plectranthus gomphophyllus (Bak.)_____
(2) N mts. Succulent.

Plectranthus hadiensis (Forsk.) Schweinf. (P. zatarhendi (Forsk.) E.A.Bruce, not P. arabicus E.A.Bruce sensu Cuf.)
N (?Cuf. 1963).

Plectranthus igniarius (Schweinf.) Agnew (Coleus igniarius Schweinf.) (prob. incl. Gillett et al. 22300)
**DHALOOL**(DALOL,DOLOL)(MOG,M,Wo)
(7) N,CR. Subsucculent shrub/dwarf shrub.

Plectranthus prob. igniarius
**MANDHARUUG/MANDHARAAN**(MANTAHAD)(MOG)

Plectranthus lactiflorus (Vatke) Agnew
SARRADT(C)
N (Cuf. 1963).

Plectranthus lanuginosus (Benth.) Agnew
N (Cuf. 1963).

Plectranthus lasianthus

Boni Forest, Kenya thus expected SW Som.

Plectranthus pachyphyllus (Guerke)_____
S (Cuf. 1963).

Plectranthus paucicrenatus Franch.
**HARDANE**(C)
N (Cuf. 1963).

Plectranthus rupestris Bak.
**MANDHARAAN-CAD**(MANTARA AD)(G)
Cited in Glover 1947.

Plectranthus somalensis (S.Moore)_____
N (Cuf. 1963).

Plectranthus (Solenostemoides) scebeli (Chiov.)_____
S (Cuf. 1963); Merca (Chiov. 1929).

Plectranthus speciosus (Bak.)_____
N (Cuf. 1963).

Plectranthus spicatus (Benth.)_____ (syn?)
**MANDHARUUG/MANDHARAAN**(MANTARAR,MTERA)(G)
Cited in Glover 1947.

Plectranthus vestitus (Bak.)_____
N (Cuf. 1963).

Plectranthus sp.
Thulin 5684
(1) S: Afgooye-Genale c50 km. ?Succulent.

Plectranthus indet.
MARQA MAYDH(M)

Puntia stenocaulis Hedge
Type loc. 6°50'N 48°52'E.
CR: Jiriban. (?Hedge 1983, p.115)
Monotypic endemic.

Renschia heterotypica (S.Moore) Vatke
N (Cuf. 1962).

Salvia hochstetteri Bak. (syn?)
**MANDHARAAN-CAD**(MANTARA AD)(G)
Cited in Glover 1947.

Salvia merjamie Forsk.
N (Cuf. 1962).

Salvia somalensis Vatke
**SIFAAR**(SIFAR)(G,M)
**SURAD**(G)
**SURAD MADOW**(SERAT MEDU)(MOG)
(7) N mts. (Unpleasantly) aromatic shrub.

Satureja abyssinica (A.Rich.) Briq.
(Micromeria abyssinica (A.Rich.) Benth.)
KHADO RENANA(MOG)
(2) N mts. ?Woody forb.

Satureja biflora (D.Don) Briq.
(1) N mts. Woody forb.

Satureja punctata (Benth.) Briq.
N (Cuf. 1962).

Satureja schimperi (Vatke) Cuf.
N (Cuf. 1962).

Stachys glandulosa Hutch. & Bruce
N (Cuf. 1962).

Stachys hildebrandtii Vatke
(6) N mts. Shrub.

Teucrium polium L. (?incl. Lavandula dentata sensu Cuf. 1962)
**GEEDCAD**(GED CAAD,GEDADD)(C,MOG)
OUARONACHE(C)
(2) N(mts). Dwarf shrub, woody forb.

Teucrium sp. 'B' aff. polium (probably = T. polium)
(4) N. Aromatic woody forb or dwarf shrub.

Tinnea aethiopica Hook.f. incl. ssp. litoralis Vollesen (T. somalensis Chiov.)
(4) S incl. N of Muq. Shrub.

EXCLUDED:
Lavandula pubescens Decne.
Misdetermination of material at MOG.

Leonotis velutina Fenzl (L. nepetaefolia Hochst.) MEDA HABUR,MADABUR, ATUTU, OTOBLE,OTUBLE(G) Doubtfully N; cited in Glover 1947 but refers to a specimen from near Harar in Ethiopia.

Otostegia fruticosa (Forsk.) Penzig (O. repanda Benth.) Possibly N acc. to Cuf. 1962, but an Arabian species not found in Somalia.

**DICOT FAM. UNKNOWN**
Kuchar 17237
(1) CR: Jalalaksi District, 3°26'N 45°31'E. Shrub.

**DICOT FAM. UNKNOWN**
Kuchar 16755
(1) CR: Buulo Burte/Jalalaksi Dist. boundary.. Shrub 1.2 m, lvs alternate, elliptic, c5 mm, 3-lobed; capsule superior globose c10 mm diam, 5-locular loculicidal. [isn't this Turraea?]

**DICOT FAM. UNKNOWN**
Gillett & Beckett 23254
CR: 3°26'N 46°12'E. Shrub 1.4 m, lvs alternate, c5 cm, pinnate, 5-foliolate, rachis winged.

## MONOCOTYLEDONS

### 266 HYDROCHARITACEAE

Enhalus acoroides (L.f.) Royle
S, likely also CR,N (Rossitto et al. 1983). Submerged grasslike perennial, a 'seagrass'.

Halophila ovalis (R.Br.) Hook.f.
S, Muq., prob. CR,N (Rossitto et al. 1983). Submerged perennial, a 'seagrass'.

Halophila stipulacea (Forsk.) Asch.
CR,S,N (Cuf. 1968, Rossitto et al. 1983). Submerged grasslike perennial, a 'seagrass'.

Lagarosiphon crispus Rendle
(1)1 S. Grasslike freshwater aquatic, submergent though labeled 'floating'.

Ottelia somalensis Chiov.
(2)3 S. Floating-lvd freshwater aquatic.

Thalassia hemprichii (Ehrenb.) Asch.
N,CR,S (Rossitto et al. 1983, cf. Cuf. 1968). Seagrass, turtle grass: submerged grasslike perennial, can form dense beds in shallow coastal waters.

### 267 ALISMATACEAE
FTEA 1960

Burnatia enneandra Micheli
**BAAR**(BAR)(C)
**BAAR-BIYOOD**(BALBIOT,BARBIOT)(C)
( )1 S. Aquatic emergent with corm, in pools.

Limnophyton angolense Buch. (L. obtusifolium (L.) Miq.)
LALADU(EA)
(2)2 S. Aquatic emergent.

### 274 APONOGETONACEAE

Aponogeton (?)abyssinicus Rich.
(1) N; S (Cuf. 1968). [loc: Bales Cogai (EA)] Aquatic perennial with floating lvs.

Aponogeton desertorum Spreng.f.
S (Cuf. 1968). Aquatic forb.

Aponogeton nudiflorus A.Peter (A. kraussianus)
?DEEHI BALI(EA)
( )2 N [Laas Canood-Garoowe rd]; also El Wak in Kenya (& Lake Karnat?) thus expected S, & 4 km S of Saillawe in Ogaden. Perennial of seasonally wet spots & ponds.

Aponogeton subconjugatus Schum.
MUCO(C)
S (Cuf. 1968). Aquatic forb.

### 275 ZOSTERACEAE

Zostera capensis Setchell
?Expected SW. Threadleaved perennial, a 'seagrass'.

## 276 POTAMOGETONACEAE

Potamogeton ?pectinatus L.
(1)1 N. Aquatic forb. Maybe this species at a spring.

Potamogeton schweinfurthii
BIO KUCHIR(EA)
( )1 N. Floating aquatic.

## 278 ZANNICHELLIACEAE

Cymodocea rotundata Asch.
(1)1 Muq.; S, prob. CR,N (Rossitto et al. 1983). Submerged rhizomatous grasslike perennial, a 'seagrass'.

Cymodocea serrulata (R.Br.) Asch. & Magnus
Muq., S, prob. CR,N (cf. Rossitto et al. 1983). Submerged grasslike perennial, a 'seagrass'.

Halodule (Diplanthera) uninervis (Forsk.) Asch.
(1) Muq.; also S, prob. N,CR (Rossitto et al. 1983). Submerged grasslike perennial, a 'seagrass'.

Halodule wrightii Asch.
Muq., S (Rossitto et al. 1983). Submerged grasslike perennial, a 'seagrass'.

Syringodium isoetifolium (Asch.) Dandy
(1)0 NE of Muq.; S,CR,N (Rossitto et al. 1983). Submerged grasslike perennial, a 'seagrass'.

Thalassodendron ciliatum (Forsk.) den Hartog (Cymodocea ciliata (Forsk.) Asch.)
(2)4 S, Muq.; prob. N,CR,S (Rossitto et al. 1983). Robust submerged grasslike perennial, a 'seagrass'.

## 280 COMMELINACEAE

Aneilema benadirense Chiov.
Merca (Pol. & Chiov. 1934). Erect or ascending forb.

Aneilema forskalei
Djibouti (K). Ascending forb.

Aneilema obbiadense Chiov. var. obbiadense & var. angustifolium Chiov.
BAAR(W)
2(10) CR, ?other. Subsucculent-succulent perennial, may scramble.

Aneilema pusillum Chiov.
(3) CR; S (Cuf. 1971). Small forb.

Aneilema rendlei C.B.Cl.
N (Cuf. 1971). Forb.

Aneilema somaliensis C.B.Cl.
(1) CR; S (Cuf. 1971). Succulent perennial.

Aneilema sp.
Beckett 1022
(1) N. Subsucculent forb.

Aneilema sp. = G & G 408
(1) N. Forb.

Anthericopsis sepalosa (C.B.Cl.) Engl.
S (Cuf. 1971).

Commelina africana L. var. africana, var. circinnata Chiov. & var. villosior (C.B.Cl.) Brenan
Merca (Pol. & Chiov. 1934); N,S (Cuf. 1971). Subsucculent usually prostrate forb.

Commelina sp. aff. C. africana L. var. krebsiana (Kunth) C.B.Cl. = Lavranos & Carter 23182
(1) Muq. Forb.

Commelina albescens Hassk. incl. var. hirsutissima Chiov.
HABNOLE(MOG)
BAAR(BAR,BARR)(G)
(3)1 N,S; CR (Chiov. 1929); N,CR,S (Cuf. 1971). Prostrate forb with bulbous base.

Commelina baidoensis Chiov.
S (Cuf. 1971). Forb.

Commelina benghalensis L. ssp. benghalensis
BAAR(BAR)(G)
(1) S; N,S (Cuf. 1971). (Slightly) subsucculent creeping-scrambling forb.

Commelina boissierana C.B.Cl.
**BAAR**(BARR)(C)
N (Cuf. 1971). Forb.

Commelina bracteosa Hassk.
S (?K).

Commelina diffusa Burm.f.
BAAR(BAR)(MOG,Wo)
(1) S. Subsucculent usually prostrate (or scandent) forb.

Commelina erecta L. ssp. erecta
(1) S. Forb.

Commelina forskalaei Vahl
**BAAR**(BAR,BARR)(G,MOG,M)
**GORLA GABIS**(G,L)
DEGA-BAJIS(W)
2(10) CR; N,CR,S (Cuf. 1971). Low forb with erect or ascending stems.

Commelina imberbis Hassk. (C. latifolia C.B.Cl.)
**BAAR**(BAR)(G,Ali 1986)
(1) CR; N,S (Cuf. 1971). Low scrambling forb.

Commelina petersii Hassk.
S (Cuf. 1971). Forb.

Commelina somalensis Chiov.
S (Cuf. 1971). Forb.

Commelina stefaniniana Chiov.
(1) CR; N,S (Cuf. 1971). ?Subsucculent perennial.

Commelina subcucullata
Boni Forest, Kenya thus expected SW Som. Forb.

Commelina subulata Roth
Boni Forest, Kenya thus expected SW Som. Forb.

Commelina venusta C.B.Cl.
N (Cuf. 1971). Forb.

Commelina ?n.sp.
Gillett et al. 22610
(3) CR: Hiiraan. Low perennial, probably subsucculent.

Commelina ?n.sp.
Kuchar 16768,16955
(1) CR: Buulo Burte. Subsucculent perennial.

Cyanotis somaliensis C.B.Cl.
**BAAR**(BAR)(G)
GARHID(C)
(1) N mts. Subprostrate succulent.

Murdannia simplex (Vahl) Brenan (M. sinicum (R. & S.) Bruckner)
S (Cuf. 1971). Subsucculent forb.

EXCLUDED:
Commelina cordifolia A.Rich. **BAAR**(BAR)(G) Cited in Glover 1947.
Commelina kotschyi Hassk. **BAAR**(BAR)(G), ?**GORLA GABIS**(G) Doubtfully N; cited in Glover 1947.

## 281 FLAGELLARIACEAE
FTEA 1971

Flagellaria guineensis Schumach.
OVA MTIR(G)
TOTOKE(TAK-TAKEEY)(EA,SAR/MOG)
BUUTI-BUUTI(SAR/MOG)
(1) S. Vine with tendrillate leaf-tips.

## 283 XYRIDACEAE

Xyris anceps Lam. [Thunb.?]
Kiunga, Kenya thus expected SW Som. Tussocky perennial graminoid.

## 287 MUSACEAE

Ensete ventricosum (Welw.) Cheesman (E. edule (Gmel.) Moran, Musa ensete (Gmel.)
**MOOS/MUUS**(MUZ)(C)
EX?
S (Cuf. 1972). Treelike herbaceous plant. This is a species of montane forests in E Africa, thus its occurrence in S Somalia is doubtful.

Musa paradisiaca L. ssp. sapientum (L.) K.Schum.
**MOOS/MUUS** (MOOZ, MOUZ, MUHS, MUS) (Z)
EX: banana.
S.

## 290 ZINGIBERACEAE
FTEA 1985

Siphonochilus aethiopicus (Schweinf.) B.L.Burtt (Cienkowskiella aethiopica, Kaempferia aethiopica (Schweinf.) Ridl.)
( )1 S (?SRS); & known from bushlands in Kenya/Som. border area. Perennial with stout rhizome & tubers.

## 293 LILIACEAE

Recent treatment of this family, e.g. the forthcoming FTEA, has dismembered it into a brace of families whose new Liliaceae s.str. is not even represented in Somalia or E. Africa. No taxonomist is entirely happy with every detail of the new system, and it may take some time to gain wide acceptance. To avoid controversy I have retained Liliaceae s.lat. These are the relevant families and genera in the new system:

| | |
|---|---|
| **Aloeaceae** | Aloe |
| **Anthericaceae** | Anthericum |
| | Chlorophytum |
| **Asparagaceae** | Asparagus |
| **Asphodelaceae** | Bulbine |
| | Jodrella |
| | Kniphofia |
| | Trachyandra |
| **Colchicaceae** | Gloriosa |
| | Iphigenia |
| | Littonia |
| | Merendera |
| **Eriospermaceae** | Eriospermum |
| **Hyacinthaceae** | Albuca |
| | Dipcadi |
| | Drimia |
| | Drimiopsis |
| | Ledebouria |
| | Ornithogalum |
| | Scilla |
| | Urginea |

Albuca abyssinica Jacq.
**GEEL CADDAYS** (GEL ADAIS) (G)
URE TUKU (G)
N (Cuf. 1971).

Albuca asclepiadea Chiov.
**BAAR** (BEAR, BAAR, BAHAR) (C, G)
S (Cuf. 1971).

Albuca chaetopoda Chiov.
**GEEL CADDAYS** (GEL ADEIS, GEL AHDEIS, GEL-AHDEIS) (C, G)
N (Cuf. 1971).

Albuca melleri (Bak.) Bak.
N (Cuf. 1971).

Albuca subspicata Bak.
S (Cuf. 1971).

Albuca wakefieldii Bak.
(1) N. Perennial with bulb.

Aloe+ abyssinica Lam. (syn?)
**DACAR** (DAAR) (G)
**DACAR GABAR** (DAAR GABAR, DA-AR GABAR) (G)
N (Cuf. 1971). Succulent.

Aloe ambigens Chiov. (syn?)
CR (Cuf. 1971). Succulent.

Aloe bargalensis Lavranos
N (Cuf. 1971). Succulent.

Aloe bella Rowley (A. pulchra Lavranos)
N (Kazmi 1985). Succulent.

Aloe breviscapa Reynolds & Bally
**DACAR** (NWR)
(1) N. Succulent

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+ see Reynolds 19

Aloe citrina Braudl. & Carter (A. 'trichosantha' Berger)
**DACAR-MAROODI** (DAAR MERODI, DA-AR MERODI) (G)
ERET, RED (G)
S, CR (Kazmi 1985). Succulent.

Aloe cremnophila Reynolds & Bally
N (Cuf. 1971).

Aloe eminens Reynolds & Bally
(2) N mts. Succulent tree to 7 m.

Aloe foetida ined.
(2) N. Succulent.

Aloe gracilicaulis Reynolds & Bally
**DACAR-DHEER** (DAAR-DER) (C)
N (Cuf. 1971). Succulent.

Aloe heliderana Lavranos
N (Kazmi 1985). Succulent.

Aloe hildebrandtii Bak.
N (Cuf. 1971). Succulent.

Aloe inermis Forsk.
(3) N incl. just N. Stemless succulent.

Aloe jacksonii Reynolds forma
Gillett & Watson 23457
(1) N: Ahl Mescat Mts. Succulent.

Aloe jucunda Reynolds
(1) N. Succulent.

Aloe macrocarpa Todaro (syn?)
?N, ?S (Cuf. 1971). Succulent.

Aloe medishiana Reynolds & Bally
**DACAR-DHEER** (DAAR-DER) (C)
N (Cuf. 1971). Succulent.

Aloe megalacantha Bak.
**DACAR** (NWR)
**DACAR GABAR** (DAAR GABAR) (MOG)
1(1) N. Succulent.

Aloe microdonta Chiov.
DELLUC (G)
**DACAR** (DAR, DAAR) (B, C)
S, CR (Kazmi 1985). Succulent.

Aloe mitis Berger (syn?)
Prob. N (Cuf. 1971). Succulent.

Aloe peckii Bally & Verdoorn
(3) N mts. Succulent.

Aloe pirottae Berger (syn?)
**DACAR** (DAHAR, DAR) (C)
**DACAR BURUG** (DAAR BURUG, DA-AR BURUK) (G)
Afgooye (Chiov. 1932); N, S (Cuf. 1971). Succulent.

Aloe rabaiensis Rendle
S (Cuf. 1971). Succulent.

Aloe retrospiciens Reynolds & Bally
**DACAR BURUG** (DAAR-BURUK, DAAR-BURUG) (C)
(1) N mts. Stemmed succulent.

Aloe rigens Reynolds & Bally incl. var. glabrescens Reynolds & Bally
**DACAR-MAROODI** (DAAR-MERODI) (C)
(5) N. Semi-stemmed succulent.

Aloe ruspoliana Bak. (A. stephanini Chiov.)
**DACAR** (DAAR) (B)
DAAR-MODOD (C)
S (Cuf. 1971, HTS 1983). Succulent.

Aloe scobinifolia Reynolds & Bally
**DACAR** (DAAR, DARR) (C)
(1) N mts. Succulent.

Aloe somaliensis W. Watson (A. hemmingii Bally & Reynolds)
**DACAR** (DACAAR) (MOG)
**DACAR-BIYOOD** (DA-AR BIYOD, DAAR BIYU) (G)
1(1) N. Probably ?stemless succulent.

Aloe steudneri Schweinf.
**DACAR** (DAAR) (G)
?RED (G)
Doubtfully N (Kazmi 1985); cited in Glover 1947. Succulent.

Aloe cf. tomentosa Deflers
(1) N mts. Succulent.

Aloe sp. aff. A. tomentosa Deflers
(1) CR. Succulent.

Aloe indet.
**DACAR=SIBIR** (M)
**DACAR-GUDUUD** (DAAR GADAD) (MOG)
**DACAR DHEGWEYN** (DAAR DEGWEYN) (MOG)
DAHAR-LEBBI (C)

Anthericum corymbosum Bak.
BAHAROR, BAROR(C)
N,S (Cuf. 1971).

Anthericum inconspicuum Bak.
N (Cuf. 1971); S (Raimondo et al. 1981).

Anthericum nubicum Bak.
N (Cuf. 1971).

Anthericum saltii Bak. var. oatesii (Bak.) Cuf.
N (Cuf. 1971).

Anthericum subpapillosum Poelln.
N (Cuf. 1971).

Anthericum verruciferum Chiov.
GAMAGDIA(C)
S (Cuf. 1971).

Anthericum zanguebaricum Bak.
(1)1 S.

Anthericum sp.aff. A. zavattarii Cuf.
(1)1 CR. ?Succulent forb.

Asparagus africanus Lam.
**ARJEEG/ARGEEG**(ARYEED, ARGAGE, ARGEEG, ARGHEG, ERGEG, ARJEK) (C, MOG, KH, Wo, L, EA)
BAKAR(C)
BARAARE, BARRAHRE(B)
**CIIDI SHABEEL**(B)
1(9)13 N,CR,S, but mostly N mts. Armed woody scrambler or dwarf shrub/shrub.

Asparagus sp.aff. A. aphyllus L. = A. Radcliffe-Smith ?
N (K). Gillett & Watson 23805 (10°37'N 48°11'E).

Asparagus asiaticus L. (?= A. africanus)
**ARJEEG/ARGEEG**(ARGHEG, ARRGEG) (G)
**DACAR**(DAR) (G)
SARITI(G)
(1) N mts; also S (Chiov. 1929). Armed woody vine.

Asparagus buchananii Bak.
(0)0 S (Cuf. 1971). Armed woody scrambler.

Asparagus falcatus L.
**ARJEEG/ARGEEG**(ARRGEG, ERGEG, ARGHE) (C, G)
(1)5 S,N. Armed woody vine. [semi-ev. clump B-Kolbio; Erigavo]

Asparagus flagellaris (Kunth) Bak. (A. pauli-guilelmi Solms-Laub)
**ARJEEG/ARGEEG**(ERGEG) (G)
SARITI, SERITI(G)
(1)0 N; S (Cuf. 1971). Armed shrub or woody scrambler.

Asparagus gillettii Chiov.
**ARJEEG/ARGEEG**(ERGEG) (G)
(2)1 N,S. Un-asparaguslike armed shrub.

Asparagus sp. aff. A. gillettii
(1) S. Woody vine.

Asparagus racemosus Willd. incl. var. ruspolii Engl.
**ARJEEG/ARGEEG**(ERGEG, ERGIEK) (C, G)
URUNLEI(C)
MINICANGULO(C)
(1) N mts; N,S (Cuf. 1971). Armed woody scrambler.

Asparagus sennii Chiov.
S (Cuf. 1971).

Asparagus setaceus (Kunth) Jessop (A. plumosus Bak.)
(0)1 S. Unarmed woody vine.

Asparagus somalensis Chiov.
**ARJEEG/ARGEEG**(ERGEG) (MOG)
**CIIDI SHABEEL**(B)
(1)2 S. Armed scandent shrub.

Asparagus cf. A. wildemanii Weim.
(1) S.

Asparagus indet.
**ARJEEG/ARGEEG**(RGEG, RJEG, ERGEG, ARGEEG, ARGHEG, ERGIEK) (C, M, EA)
**DACAR**(BACAR) (C)
URUNLEI(C)

Bulbine asphodeloides (L.) Spreng. (B. abyssinica Rich.)
**GEEL CADDAYS**(GELADEES) (MOG)
**GEED CADDAYS**(GED ADEIS) (G)
(3) N mts.

Bulbine fistulosa Chiov.
RIR(C)

S (Cuf. 1971).

Chlorophytum baudi-candeanum Chiov.
S (Cuf. 1971).

Chlorophytum calateifolium Chiov.
S (Cuf. 1971).

Chlorophytum filipendulum Bak.
Boni Forest, Kenya thus expected SW Som.

Chlorophytum gallabatense Bak.
S (Cuf. 1971) incl. NE Bay Region (O'Brien 1986). Stemless fleshy perennial.

Chlorophytum laxum R.Br.
S (Cuf. 1971).

Chlorophytum longifolium (Rich.) Schweinf.
DA-AI(C)
S (Cuf. 1971).

Chlorophytum micranthum Bak.
NE Bay Region (O'Brien 1986). Small more or less stemless perennial.

Chlorophytum parvulum Chiov.
N (Cuf. 1971).

Chlorophytum pauciflorum Damm.
S (Cuf. 1971).

Chlorophytum pusillum Bak.
Muq. (Raimondo et al. 1981).

Chlorophytum russii Chiov.
S (Cuf. 1971).

Chlorophytum schweinfurthii Bak.
S (Cuf. 1971).

Chlorophytum somaliense Bak.
N (Cuf. 1971).

Chlorophytum tenuifolium Bak.
N (Cuf. 1971).

Chlorophytum tordense Chiov.
(1) N mts; also S (Cuf. 1971).

Chlorophytum tuberosum (Roxb.) Bak.
(2) S,CR. Stemless fleshy perennial with tubers.

Chlorophytum indet.
GIDIID(MOG)

Dipcadi filamentosum Medic
**BAAR**(MOG)
(2) N. Forb with bulb.

Dipcadi lanceolatum Bak.
S (Cuf. 1971).

Dipcadi viride (L.) Moench
N,S (Cuf. 1971).

Drimia altissima (L.f.) Ker.-Gawl. (Urginea altissima)
**DACAR WARAABE**(DAAR WARABI)(B)
SENNET DAY(B)
(Ø)1 S. Succulent with large aboveground bulb.

Drimia brevifolia Bak.
S, Djibouti (Cuf. 1971).

Drimia coleae Bak.
N (Cuf. 1971).

Drimia confertiflora Damm.
S (Cuf. 1971).

Drimia hildebrandtii Bak.
S (Cuf. 1971).

Drimia paolii Chiov.
**BAAR**(BAR)(C)
S (Cuf. 1971).

Drimiopsis erlangeri Damm.
S (Cuf. 1971).

Eriospermum somalense Schinz
E Ethiopia (Cuf. 1971), ?possibly Somalia - cited in Glover 1947.

Gloriosa aurea Chiov.
**DIYE**(C)
N (Cuf. 1971).

Gloriosa graminifolia (Franch.) Chiov. incl. var. heterophylla Chiov. (G. abyssinica A.Rich. var. graminifolia Franch.)
LUG KELIYA(M)
WEEYLA AROORIS(M)
(1) N; also S (Cuf. 1971).

Gloriosa minor Rendle (G. baudi (Terracc.) Chiov.)
DHARQO(KH)
LAXIYO(KH)
GHELOAC(C)
(5) CR; N,S (Cuf. 1971). Forb.

Gloriosa superba L. (G. simplex L., G. virescens Lindl.)
BANARI, BAVARI(C)
**MAJABE**(MAGIABE)(C,G)
DABALOLE(MOG)
AMBIOCO(C)
WEYL-CAD?(WHEELIT)(Wo)
1(7) N,S. Forb (& vine?).

Gloriosa indet.
**ULA KELIYAALE**(ULA KELIALE)(MOG)

Iphigenia aff. I. oliveri Engl.
Djibouti (Cuf. 1971).

Iphigenia somaliensis Bak.
N (Cuf. 1971).

Jodrella macrocarpa Baijnath
N,S (Kazmi 1985). Stemless perennial.

Jodrella migiurtina (Chiov.) Baijnath (Bulbine migiurtina Chiov.)
N (Kazmi 1985). Endemic. Stemless perennial.

Ledebouria somaliensis (Bak.)_____ (Scilla somaliensis Bak.)
**GEEL CADDAYS**(GEL ADAIS,GEL ADEIS)(G)
**GEEL-KA-ABABIS**(GELKA ABADIS)['camels graze from this'](G)
URUTUKU(G)
**BAAR**(BAR)(B)
(2) S; CR (Chiov. 1929); N,CR,S (Cuf. 1971). Stemless subsucculent with bulb.

Littonia hardeggeri Beck v. Mannag.
MIJERERI(G)
N (Cuf. 1971).

Littonia obscura Bak.
MIJERERI(G)
(1) N. Forb with bulb.

Littonia revoilii Franch.
DERODILE(G)
N (Cuf. 1971).

Merendera longifolia Hutch. (nr. M. abyssinica A.Rich.)
(1) N mts. Forb.

Ornithogalum longibracteatum Jacq.
N (Cuf. 1971).

Ornithogalum sordidum Bak.
N (Cuf. 1971).

Scilla carunculifera Chiov.
**GEEL CADDAYS**(GEL ADAIS,GEL ADEIS)(G)
URUTUKU(G)
BALLA-BIOTO(C)
N,S (Cuf. 1971).

Scilla glandulosa (Chiov.) Chiov.
S (Cuf. 1971).

Scilla kirkii Bak.
(1) S; NE Bay Region (O'Brien 1986). Subsucculent stemless perennial.

Scilla sp.aff. spicata Bak.
Thulin & Warfa 4493
(1) S: Jelib. Subsucculent stemless perennial.

Scilla indet.
**BAAR**?(BURR)(C)
N (Cuf. 1971).

Trachyandra sp. = G&G 308
(1) N? Forb.

Urginea cepaefolia (Bak.) Rendle
N (Cuf. 1971).

Urginea corradii Chiov.
S (Cuf. 1971). Stemless perennial with bulb.

Urginea micrantha (Rich.) Solms
?N (Cuf. 1971).

Urginea somalensis Chiov.
S (Cuf. 1971).

EXCLUDED:
Aloe otallensis Bak. var. elongata Berger
N acc. to Cuf. 1971 but likely only in Ethiopia & ?Kenya.

## 297 SMILACACEAE

Smilax kraussiana Meisn.
N (Cuf. 1971). Armed woody vine.

## 302 ARACEAE
FTEA 1985

Amorphophallus laxiflorus N.E.Br. (likely not A. gallaensis (Engl.) N.E.Br.)
DEGA DEGAI(EA)
ABESOOLE(SAR)
(1)1 S. Stemless perennial from tuber.

Amorphophallus maximus (Engl.) N.E.Br.
Somalia (FTEA), prob. S. Stemless perennial from tuber.

Arisaema somalense Gilbert & Mayo (A. addis-ababense sensu Cuf. 1971 non Chiov.)
(Ø)1 N mts. (incl. Cuf. 1971). Endemic, & the only Arisaema from Somalia (Mayo & Gilbert 1986). Perennial with tuber.

Pistia stratiotes L.
1( ) S. Floating aquatic.

Stylochiton borumensis N.E.Br. ( S. angustifolius A.Peter, S. heterophyllus A.Peter; no mention in FTEA of S. grandis N.E.Br.)
RAMA-BELAN(C)
RAMA-MEGHEL(C)
(2)2 S, incl. El Wak in Kenya; CR. Stemless rhizomatous perennial.

Stylochiton (?)salaamicus N.E.Br. (or likely misdet. of S. grandis)
(Ø)1 NE of Muq. Perennial of subcoastal (coastal) bushlands.

Stylochiton sp.
Beckett 1624
(Ø)1 S: Bay Region. Spathe 4 cm, spadix 2 cm.

Zamioculcas zamiifolia (Lodd.) Engl.
Boni Forest, Kenya thus expected SW Som. Fleshy stemless perennial with tuber.

EXCLUDED:
Arisaema mildbraedii Engl. A species of damp montane forests from cent. Kenya westward, and the Som. specimens so determined are likely A. somalense.
Stylochiton euryphyllus Mildbr. (Kazmi 1985) - only Tanz. acc. to FTEA.
S. 'maximus' Engl. - only S-Cent. Afr. acc. to FTEA.
S.'natalensis' Schott - only S-Cent. Afr. acc. to FTEA. Somali specimens of all above may be attributed to S. grandis.

## 303 LEMNACEAE
FTEA 1973

Lemna perpusilla Torrey
?Expected SW. Tiny floating aquatic.

Pseudowolffia hyalina (Del.) den Hartog & van der Plas
S (Cuf. 1971). Tiny floating aquatic.

## 305 TYPHACEAE
FTEA 1971

Typha angustifolia L.
**ALOOL**(ALALA)(G)
**ALOOL MADOW**(ALAL MEDU)(G)
ALAL NUDI,ALLALA NUDI(G)
(1) N mts; N,S (Cuf. 1968). Tall perennial graminoid.

Typha domingensis Pers. (T. australis Schum.)
**DACAR**(DAHAR,DA'ARO)(C,MAC)
( )1 N; Jalalaqsi or just S (Chiov. 1929); Merca (Pol. & Chiov. 1934). Tall perennial graminoid.

Typha indet.
BALWOOLAH (MAC)

## 306 AMARYLLIDACEAE
FTEA 1982

Ammocharis tinneana (Kotschy & Peyr.) Milne-Redh. & Schweick. (Crinum thruppii Bak.)
BALALO(EA)
(1)3 N,CR,S. Perennial with (aboveground) bulb.

Crinum abyssinicum Rich.
N (Cuf. 1971).

Crinum corradii Chiov.
BAG-ARROR(C)
S (Cuf. 1971). Stemless subsucculent perennial.

Crinum macowanii Bak.
(3)3 N,CR. Subsucculent perennial with big bulb.

Crinum piliferum Nordal
Wajir, Kenya thus perhaps expected S Som. Perennial with bulb.

Crinum schimperi K.Schum.
**BAAR**(EA)
ASSUR(EA)
(Ø)1 N; ?S (Cuf. 1971). Perennial with bulb.

Crinum somalense Chiov.
**DACAR**(DAHAR)(C)
S (Cuf. 1971). Perennial.

Crinum zeylanicum (L.) L. (C. ornatum (Ait.) Bury, C. sanderianum Bak.)
**URE-TUKE**?(URE TUKU)(G)
N,S (Cuf. 1971). Perennial with bulb.

Pancratium+ tenuifolium A.Rich. (P. tortuosum sensu Cuf. non Herb., P. trianthum sensu Cuf. non Herb.)
(Ø)2 N,S,Muq. Perennial with bulb.

Scadoxus++ multiflorus (Martyn) Raf. (Haemanthus multiflorus Martyn, H. somaliensis Bak., H. zambesiacus Bak.)
RIYA DHARARIS(RIA DARARIS,RIAR DARARIS)(G,M)
**GEED CADDAYS**(GED ADAIS)(G)
**GEEL CADDAYS**(GEL ADEIS)(G)
**URU-TUKE**?(URU TUKU)(G)
**BAAR**(B)
**GEED-JINNI**(GHEDGIN)(C)

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+ see Bjornstad 1973
++ see Friis & Norden 1976

(2)3 N,S. Perennial with rhizomatous bulb.

## 307 IRIDACEAE

Gladiolus callianthus Marais (Acidanthera bicolor Hochst.)
N (Cuf. 1972, Kazmi 1985).

Gladiolus gunnisii (Rendle) Marais (Acidanthera gunnisii Rendle, A. nelloi Chiov.; possibly referable to G. ukambanensis)
(Ø)1 N. Perennial with corm.

Gladiolus ukambanensis (Bak.) Marais var. alatus Marais (Acidanthera ukambanensis Bak., A. candida Rendle, A. laxiflora Bak.)
**GEED CADDAYS**(GED ADYCE,GED ADEIS)(MOG,EA)
(2)5 N; N,S (Kazmi 1985). Perennial with corm.

?Gladiolus indet. (Wieland 1088)
DIYATA(Wo)
S.

Lapeirousia cyanescens Bak. incl. var. minor Chiov.
S (Cuf. 1972).

Lapeirousia sp.aff. porphyrosiphon Bak.
Battiscombe R231
Kiunga, Kenya thus expected SW Som.

Pentamenes schweinfurthii (Bak.) N.E.Br.
(Ø)1 N mts. Perennial with corm.

Pentamenes sp. = Glover & Gilliland 1092
(Ø)1 N mts. Perennial.

EXCLUDED:
Moraea schimperi (Hochst.) Pic.-Ser. (M. diversifolia (Kl.) Bak.) Cited for N by Glover 1947 but doubtful.

## 311 DIOSCOREACEAE
FTEA 1975

Dioscorea schimperana Kunth

N (Cuf. 1972). Vine with tuber.

Dioscorea spp.
?Expected SW.

### 313 AGAVACEAE incl. DRACAENACEAE+

Agave sp.
GEYDE, GEYDHO(B)
EX: sisal.
S (HTS 1983).

Dracaena schizantha Bak. (may incl. D. ombet sensu Cuf. 1971 non Kotschy & Peyr.)
**MOOLI**(MOLI, MOH, MOHOLI, MOLE, MORLI, MOLEH) (C, G, MOG, M)
Resin: **XANJO-MOOLI**(HANJA-MOLI)(C)
(3) N. Tree with forking trunk.

Sansevieria canaliculata Carr.
N (Cuf. 1971).

Sansevieria ehrenbergii Bak.
**XASKUL** [or perhaps **XISKUL**?](HASKUL, ASKUL, XASBUL)(M, G, Ali 1986)
**XIG**(HIG)(G, M, NWR, Ali 1986)
THAHAR(C)
(1) N; S acc. to Ali 1986. Erect succulent to 1 m, leaf tip sharp.

Sansevieria sp.aff. S. ehrenbergii Bak.
SHUWE(MOG)
**XIG**(HEG)(MOG)
(1) S. Subsucculent, leaf tip sharp.

Sansevieria elliptica Chiov. (Acyntha elliptica Chiov.)
S (Cuf. 1971); Muq. (Chiov. 1932).

Sansevieria forskaliana (Schult.f.) Hepper & Wood incl. var. sublaevigata (Chiov.) Cuf. (S. abyssinica N.E.Br., S. guineensis sensu Schwartz, Acyntha abyssinica (N.E.Br.) Chiov.)
**DHEGOWEYN**(DEGWEIN, DIG-WEIN, DEGHI-UEN)(C, G, M)
**XASKUL**(M)
**XIG**(HIG)(G, M)
**DHEGA-LO'** (DAGA-LO, DAG LOO, DAGA LO)(B, MOG)
DHURUUR, DURRUR(MOG, B)
1(2) S, CR; N, CR, S (Cuf. 1971). Stemless subsucculent.

Sansevieria nilotica Bak.
1( ) Gemuud[loc?] ?Stemless subsucculent.

Sansevieria phillipsiae N.E.Br.
**XASKUL**(M)
**XIG**(HIG)(M, G)
N (Cuf. 1971).

Sansevieria polyrhitis Chiov.
S (Cuf. 1971).

Sansevieria powellii N.E.Br.
GEYDE, GEYDHO(B)
**XASKUL**(XUSKUL)(B)
Just S, Muq., S (Chiov. 1932).

Sansevieria robusta N.E.Br.
**XASKUL**(XUSKUL, HASKUL, ASKUL)(C, B)
SHUGDI(B)
GEYDE, GEYDHO(B)
S (Cuf. 1971); S (HTS 1983).

Sansevieria rorida (Lanza) N.E.Br.
**XASKUL**(ASCUL, ASKUL)(C)
Muq., S (Cuf. 1971).

Sansevieria stuckyi God.-Leb.
S (Cuf. 1971).

Sansevieria indet.
LIF(C)
XUSKUL YAR YAR, HASKUL YER YER(B)
SHUGEY, SHUGE(B)

### 314 PALMAE

Borassus aethiopum Mart.
?Expected SW; Somalia acc. to Cuf. 1971. Palm to 20-30 m, trunk often with pronounced swelling halfway up.

Cocos nucifera L.
**GUMBE**(GUNBE, UMBE, GUNBE) [refers particularly to the fr](M, B)
NAARAJIIN(M)
S (Cuf. 1971). Coconut palm.

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+Dracaenaceae includes both the native genera in Somalia, viz. Dracaena & Sansevieria.

Hyphaene+ benadirensis Becc. (syn?)
ACAT(C)
**BAAR**(BAR)(C,M)
LOCOB(C)
DUM(C)
trunk: **MAKOOMA**(MACOMA)(C,M)[Swahili]
fr: HEGO(C)
GHEROW(C)
seed: MULUEC(C)
1( ) S along Shabeelle R; Transjuba (Cuf. 1971).

Hyphaene compressa Wendl. (H. 'thebaica' sensu auct. plur., H. mangoides Beccari)
AU(G)
**GONE/GOONE**(KHONE)(G)
(0)1 N; ?N,S (Cuf. 1971). Palm.

Hyphaene coriacea Gaertn. (H. oblonga Becc., H. parvula Becc., H. pleuropoda Becc., H. pyrifera Becc., H. sphaerulifera Becc.)
**BAAR**(BAR)(C,KTS,M)
**MAKOOMA**(M)
S (Cuf. 1971). Rosette or decumbent-stemmed palm rarely to 5 m; mostly on coastal dunes.

Hyphaene dankaliensis Becc. (syn?)
Djibouti (Cuf. 1971).

Hyphaene migiurtina Chiov. (syn?)
N (Cuf. 1971).

Hyphaene reptans Becc.
AU(C)
DUBEEL,DUMBEL(B)
( )2 N; prob. S. Palm with creeping horizontal flattened stem, ?armed.

Hyphaene indet.
OLOL(B)
DEBEEL, DABIIL(HD)
seedling: CAW(HD)

+Beccari's numerous species & varieties were based on nothing but fruit form & size (Cuf. 1971). This proliferation has been trimmed down in FTEA, & the total number of valid species in Somalia might only be 3 though Dransfield (in FTEA) notes that more fieldwork is needed esp. in NE Afr. where Hyphaene appears very complex.

Livistona carinensis (Chiov.) Dransfield & Uhl (Hyphaene carinensis Chiov., Wissmania carinensis (Chiov.) Burret)
MANDAH(C)
N (Cuf 1971). The tallest Somali palm, it has an extremely limited distribution [in Djibouti & Som (Karin)] & is an endangered species. (Kazmi 1985)

Phoenix caespitosa Chiov.
(1) N. Short palm.

Phoenix dactylifera L.
KHARIF(G)
**TIMIR**(C)
EX? Date palm, probably introduced from Arabia (FTEA).
N,S (Cuf. 1971).

Phoenix reclinata Jacq. incl. var. somalensis Chiov.
**MAYDHO/MAYRO**(MAIDO,MAIDU,MEIDE)(C,G)
CR (Chiov. 1929); N,S (Cuf. 1971). Palm to 10 m.

Phoenix indet.
Fr: KHARIF(MOG)
(1) N. Wild date palm.

Indet. palm (?Phoenix)
**MANNIIQO**(MAALIIQO)(M,HD)

## 318 HYPOXIDACEAE

Curculigo pilosa (Schum.) Engl. (C. gallabatensis Bak.)
N (Cuf. 1971).

Hypoxis angustifolia Lam.
N (Cuf. 1971). ?Stemless perennial.

## 319 VELLOZIACEAE
FTEA 1975

Xerophyta acuminata (Bak.) Cuf.
N (Cuf. 1972). Perennial.

Xerophyta schnizleinia (Hochst.) Bak. (incl. var. brevifolia (Chiov.) Cuf.) (X. hildebrandtii (Pax) Dur. & Schinz, X.

somalensis (Terracc.) N.Menezes, Vellozia somalensis (Terracc.) Chiov., V. schnitzleinia Bak.)
(6)8 N,CR,S. Tough forblike or grasslike perennial.

## 321 TACCACEAE
FTEA 1962

Tacca leontopetaloides (L.) O.Ktze.
S (K). Perennial with tuber.

## 326 ORCHIDACEAE
FTEA 1968,

Aerangis somalensis (Schlecht.) Schlecht.
S Ethiopia [4,10N 40,10E] - where? Cuf. p.1622).

Bonatea rabaiensis (Rendle) Rolfe (Habenaria rabaiensis Rendle)
S (Cuf. 1972). Perennial with tubers.

Bonatea steudneri (Rchb.f.) Th.Dur. & Schinz (B. phillipsii Rolfe)
N (Cuf. 1972). Perennial with tubers.

Epipactis veratrifolia Boiss. (E. somaliensis Rolfe)
N (Cuf. 1972). Perennial.

Eulophia petersii (Rchb.f.) Rchb.f. (E. coleae Rolfe, E. phillipsiae Rolfe)
**DHEGOWEYN** or **DHEGWEYN**(DEGWEN)(G,M)
HANGEY(HANGAIU)(G,M)
SCHKUL(C)
(4)1 CR,S; also N (Cuf. 1972). Large leathery-subsucculent perennial.

Holothrix arachnoidea (A.Rich.) Rchb.f. (H. vatkeana Rchb.f.)
N (Cuf. 1972, Kazmi 1985). Perennial.

Microcoelia exilis Lindl.
Boni Forest, Kenya thus expected SW Som.

Microcoelia sp.
Gillett et al. 25163
S (K).

## 327 JUNCACEAE
FTEA 1966

Juncus maritimus Lam. var. maritimus Lam. & var. socotranus Buch.
DUNGARR(C)
DIHEN(C)
JAFI(EA)
(2)4 N. Graminoid.

Juncus oxycarpus Kunth ssp. oxycarpus
N (Cuf. 1971). Tufted perennial graminoid.

Juncus punctorius L.f.
**BAAR**(BARR)(C)
N (Cuf. 1971). Graminoid.

## 331 CYPERACEAE
Haines & Lye 1983

Abilgaardia (Bulbostylis) craspedota (Chiov.)_____
S (Cuf. 1970).

Abilgaardia densa (Wall.) K.Lye (Bulbostylis densa (Wall.) Hand.-Mazz.)
S (Kazmi 1985). Tufted annual.

Abilgaardia hispidula (Vahl) K.Lye (Bulbostylis hispidula (Vahl) R.Haines, Fimbristylis hispidula (Vahl) Kunth, F. exilis (HBK.) Roem. & Schult.)
N,S (Cuf. 1970, Kazmi 1985). Tufted perennial.

Abilgaardia oligostachys (A.Rich.) K.Lye (Bulbostylis oligostachys (A.Rich.) K.Lye)
S (Cuf. 1970). Tufted annual.

Abilgaardia pallescens K.Lye (Bulbostylis pallescens (K.Lye) R.Haines)
S (Kazmi 1985). Small tufted annual.

Abilgaardia pilosa (Willd.) Nees (Bulbostylis aphyllanthoides (Ridl.) C.B.Cl.)
?Expected SW.

Bulbostylis filiformis C.B.Cl.
?Expected SW. Small tufted annual.

Carex negrii Chiov. (incl. C. sp. = Glover & Gilliland 1142 fide Cuf. 1971)
GOONTINI(MOG)
(1) N.

Carex sp. = Bally 10996 fide Cuf. 1971 (correct genus?).
N mts.

Carex indet.
GOCOSA(GO-OSO)(C)
GO-ONTINI(C)
SAB-DAHO(C)
RIS(M)
N (Cuf. 1971). (see Cuf. p.276)

Cyperus afrodunensis K.Lye
Kiunga, Kenya thus expected SW Som.
Perennial with bulb-tipped stolons.

Cyperus alopecuroides Rottb. (Juncellus alopecuroides (Rottb.) C.B.Cl.)
S (Cuf. 1970). Robust perennial.

Cyperus amabilis Vahl
S (Cuf. 1970). Annual.

Cyperus articulatus L.
?COLAFO(C)
?GARBAO(C)
?GOMIT, ?GUOMETI(C)
N (Cuf. 1970). Leafless perennial.

Cyperus bulbosus Vahl var. bulbosus
LUNGI GHERGHERET(G)
GEED-CAWS?(GHEO-OS)(C)
(2) CR; N,S (Cuf. 1970). Perennial (?or annual).

Cyperus chisimaiensis Chiov.
S (Cuf. 1970).

Cyperus chordorrhizus Chiov.
GUMXIR(KH)
GOXOOD(W)
4(5) Muq., CR; also S (Cuf. 1970). Stoloniferous perennial.

Cyperus commixtus Kuek.
N (Cuf. 1970).

Cyperus compressus L.
QONJI(HD)
1(2) S. Annual.

Cyperus conglomeratus Rottb. var. conglomeratus, var. ensifolius (Boeck.) Kuek., var. minor Boeck. & var. multiculmis (Boeck.) Kuek. (C. effusus Rottb.)
GERSEBE(MOG)
ATILE(G)
DARIF(G)
(3)1 CR,N; also S, Muq. (Cuf. 1970). Tussocky perennial.

Cyperus crassipes Vahl (C. maritimus Poir.)
DAALIN(MOG)
DALEEN(KH)
(5)1 CR,S. Tussocky perennial.

Cyperus denudatus L.f. var. denudatus (C. phaeorrhizus K.Schum.)
S (Cuf. 1970). Tufted rhizomatous perennial.

Cyperus dichromus C.B.Cl.
Prob. S (Cuf. 1970).

Cyperus difformis L.
(0)1 S. Annual.

Cyperus distans L.f.
(2) S. Tufted perennial.

Cyperus dives Del. (C. immensus C.B.Cl.)
S (Cuf. 1970). Robust perennial.

Cyperus esculentus L.
GOCONDHO(GO-ONDO)(G,M)
GOCOSO(GO-OSO)(G,M)
(1) S; N (Cuf. 1970). Stoloniferous perennial.

Cyperus esphacelatus Kuek. (C. pseudosphacelatus Chiov.)
S (Cuf. 1970).

Cyperus exaltatus Retz.
WARMEY?(UARMEI)(C)
1( ) Afgooye; S,CR (Cuf. 1970). Robust perennial.

Cyperus ?frerei C.B.Cl.
(1) Muq.; expected S. Rhizomatous perennial.

Cyperus grandibulbosus C.B.Cl.
(1) CR; S (HD, Cuf. 1970). (Small) perennial with bulb.

Cyperus halpan L. ssp. halpan (C. haspan L.)
S (Cuf. 1970). Annual or perennial.

Cyperus iria L.
S (Cuf. 1970). Tussocky annual, maybe perennial.

Cyperus laevigatus L. (Juncellus laevigatus (L.) C.B.Cl.)
**DACAR**?(DAAR,DA)(G,MOG)
DAAT(G)
BICHI(G)
ITINLE(G)
TUGUGOGA(G)
(3) N; also S (Cuf. 1970). Tufted perennial.

Cyperus longus L. ssp. longus & ssp. tenuiflorus (Rottb.) Kuek. (C. fenzelianus Steud. var. badiiformis Chiov., C. tenuiflorus Rottb.)
CUNDU(C)
1(1) Afgooye, just S of CR; S (Cuf. 1970); expected CR acc.to ?Chiov. Stoloniferous perennial.

Cyperus maculatus Boeck.
S, Balcad (Cuf. 1970). Stoloniferous perennial.

Cyperus medusaeus Chiov.
CR (Cuf. 1970).

Cyperus michelianus (L.) Link ssp. pygmaeus (Rottb.) Asch. & Graebn. (C. pygmaeus Rottb.)
COATTO(C)
(1) S; Balcad (Cuf. 1970). Tussocky annual.

Cyperus mogadoxensis Chiov.
Muq.(Cuf. 1970).

Cyperus niveus Retz. (ssp. tenerior (C.B.Cl.) Lye) var. leucocephalus (Kunth) Fosberg & var. flavissimus (Schrad.) K.Lye (C. obtusiflorus Vahl, C. somalicus Gand.)
**GOCONDHO**(GO-ON)(C)
IDOLAAF(W)
1(3)1 CR; N,CR,S (Cuf. 1970). Perennial with scarcely swollen base & short rhizome.

Cyperus obbiadensis Chiov.
CR (Cuf. 1970).

Cyperus poecilus C.B.Cl. incl. var. evolutus Kuek. (C. benadirensis Chiov.)
CR,S (Cuf. 1970).

Cyperus procerus Rottb. var. stenanthus Kuek.
GOMOR(C)
S (Cuf. 1970). Stoloniferous perennial.

Cyperus rohlfsii Boeck.
S (Cuf. 1970). Robust perennial.

Cyperus rotundus L. ssp. rotundus, ssp. retzii (Nees) Kuek., ssp. tuberosus (Rottb.) Kuek., prob. ssp. merkeri (C.B.Cl.) Kuek. (C. tuberosus Rottb., C. merkeri C.B.Cl.)
**GOCONDHO**(KUNDO)(MOG)
**GOCOSO**(GO'OSA)(MOG,Wo)
DEEL(MAC)
1(2) N, just S; Jowhar (Kazmi 1985); expected CR acc. to ?Chiov; N,S (Cuf. 1970). Stoloniferous perennial.

Cyperus rubicundus Vahl incl. var. longimucronatus (Kuek.) Cuf. (C. teneriffae Poir.)
**GOCONDHO**(GO-ONDO,GO-OURO)(G,M)
GUDEI(C)
**RAMAS**(RAMASS)(C)
SALBIR(KH)
(4) N,CR. Small tussocky annual possibly perennial.

Cyperus tenuispica Steud.
S (Cuf. 1970). Annual.

Cyperus undulatus Kuek.
(1) S. Stoloniferous perennial.

Cyperus zollingeri Steud.
**GUNJO/QUNJO**?(GUNGI)(G)
S (Cuf. 1970). Tussocky annual.

Cyperus n.sp.
Hemming & Deshmukh(?) 279
SHAATI WEEBID(HD)

S.

Cyperus sp.
Gillett et al. 22236, Beckett 298, Herlocker 362, Wieland 4209
DHALEEN(W)
1(1) CR: Ceel Dheere & Hobyo Districts. Rhizomatous perennial.

Cyperus sp.
Gillett & Hemming 24749, Kuchar 16864
(1) CR: Buqda Caqable. Tufted perennial.

Cyperus sp.
Gillett et al. 22098, Kuchar 15510,16956, Herlocker...
(4) CR: Buulo Burte & Ceel Dheer Districts. Tufted perennial.

Cyperus sp.
Kazmi et al. 844, Kuchar 15374
(1) S (Muq.). Densely tufted ?annual.

Cyperus sp.'A' (Glover & Gilliland 723,1109)
Hemming & Watson 3147
(1) N. Robust perennial.

Cyperus indet.
CISIL(M)
TAGOOG WAREEN(M)
DEEL(M)
DAALIN(DALEN)(MOG)
GONJI,QUUJO(HD)

Eleocharis geniculata (L.) Roem. & Schult. (E. caribaea (Rottb.) Blake, Heleocharis capitata (L.) R.Br.)
DAAT(G)
(4) N; also S (Cuf. 1970). Small tufted annual.

Fimbristylis cioniana Savi var. microcarpa Chiov.
S (Cuf. 1970).

Fimbristylis complanata (Retz.) Link ssp. complanata
N (Cuf. 1970). Tufted perennial.

Fimbristylis cymosa R.Br.
(1) N; also coastal Kenya & expected S & CR. Tufted perennial.

Fimbristylis dichotoma (L.) Vahl
CENGI(C)
Balcad, S (Cuf. 1970). Tufted perennial.

Fimbristylis ferruginea (L.) Vahl ssp. ferruginea
SERIG(MOG)
GOCONDHO(GHUNDO,GO-ON)(G,C)
(2) N; also S (Cuf. 1970). Tufted perennial.

Fimbristylis pilosa Vahl
Kiunga, Kenya thus expected S Som. Tufted perennial or annual.

Fimbristylis spathacea Roth
(1)1 Just N of CR (Eil); coastal. Tufted perennial.

Fuirena ciliaris (L.) Roxb.
N (Cuf. 1970); expected SW since found in Boni Forest, Kenya. Annual.

Kyllinga alba Nees var. alba (K. cristata Kunth, Cyperus cristatus (Kunth) Mattf. & Kuek.)
RAMAAS(RAMAS)(MOG,G,M)
(1) N; Afgooye (Cuf. 1970); ?expected CR. Tufted perennial.

Kyllinga comosipes (Mattf. & Kuek.) Napper (Cyperus comosipes Mattf. & Kuek.)
GOWL(KH)
(3) CR; S (Cuf. 1970). Tufted perennial.

Kyllinga erecta Schumach. (Cyperus erectus (Schum.) Mattf. & Kuek.)
Boni Forest, Kenya thus expected SW Som. Rhizomatous perennial.

Kyllinga exigua Boeck. (Cyperus luteo-stramineus Mattf. & Kuek.)
N (Cuf. 1970).

Kyllinga eximia C.B.Cl. (Cyperus eximius (C.B.Cl.) Mattf. & Kuek.)
(1) S (S of Balcad). Tussocky perennial.

Kyllinga flava C.B.Cl. (K. nervosa Steud., Cyperus oblongus (C.B.Cl.) Kuek.)
(1)1 S. Tufted perennial with pseudobulb.

Kyllinga microstyla C.B.Cl. (Cyperus microstylis (C.B.Cl.) Mattf. & Kuek.)
N (Cuf. 1970). Small tufted perennial.

Kyllinga odorata Vahl var. odorata & var. maior (C.B.Cl.) Chiov. (Cyperus sesquiflorus (Torr.) Mattf. & Kuek.)
**RAMAAS**(RAMASS)(C)
SCIATO(C)
S (Cuf. 1970). Tufted perennial.

Kyllinga polyphylla Kunth (K. jubensis Chiov., K. aromatica Ridl., Cyperus aromaticus (Ridl.) Mattf. & Kuek.)
S (Cuf. 1970). Rhizomatous perennial.

Kyllinga sphaerocephala Boeck. (Cyperus purpureo-glandulosus Mattf. & Kuek.)
S (Cuf. 1970). Stoloniferous perennial.

Mariscus alternifolius Vahl (Cyperus involucratus Rottb. incl. var. petersianus (Boeck.) Cuf., C. flabelliformis Rottb.)
(0)1 S; N (Cuf. 1970). Robust perennial.

Mariscus amauropus (Steud.) Cuf. (Cyperus amauropus Steud. var. amauropus, M. leptophyllus (Boeck.) C.B.Cl.)
(1) CR; N,S (Cuf. 1970). Succulent perennial.

Mariscus sp.aff. amauropus (Steud.) Cuf. Wieland 4166
IDOLAAF(W)
1( ) CR: Hobyo. Small perennial with pseudobulb.

Mariscus amomodorus (K.Schum.) Cuf. (Cyperus amomodorus K.Schum. var. bulbocaulis (Boeck.) _____ & var. paolii (Chiov.) _____ ; C. paolii Chiov.)
S (Cuf. 1970). Tussocky perennial.

Mariscus chaetophyllus Chiov. (Cyperus chaetophyllus (Chiov.) Kuek.)
S (Cuf. 1970).

Mariscus circumclusus C.B.Cl. (M. macropus (Boeck.) C.B.Cl., Cyperus circumclusus (C.B.Cl.) Kuek.)
(1) CR. Tussocky perennial.

Mariscus dubius (Rottb.) Hutch. (Cyperus dubius Rottb. ssp. dubius & ssp. coloratus (Vahl) Lye, C. coloratus Vahl)
RAMAS BAFID(MOG)
**RAMAAS**(RAMAS)(G,M)
**GOCONDHO**(GO-ON)(C)
GO-ON-YER(C)
(1) CR; N (Cuf. 1970). Tussocky perennial.

Mariscus hemisphaericus (Boeck.) C.B.Cl. (Cyperus hemisphaericus Boeck.)
GUNGE(C)
**CAWS**(AUS)(C)
**CAWS-BIYOOD**(AUS-BIOT)(C)
FURTE(C)
S (Cuf. 1970). Tussocky perennial.

Mariscus sp.nr. hemisphaericus (Boeck.) C.B.Cl. (perhaps = Mariscus scleropodus Chiov.)
(1) CR.

Mariscus intricatus (L.) Cuf. (Cyperus intricatus (L.) Roem. & Schult.)
S (Cuf. 1970).

Mariscus macrocarpus C.B.Cl. (Cyperus steudelianus Boeck.)
(1) N.

Mariscus nogalensis Chiov. (Cyperus giolii Chiov. incl. var. nogalensis (Chiov.) Kuek.)
LUNGIGHERGHERET(C)
S,N (Cuf. 1970).

Mariscus phillipsiae C.B.Cl. (Cyperus phillipsiae (C.B.Cl.) Kuek.)
N (Cuf. 1970), maybe expected S. Perennial.

Mariscus pseudovestitus C.B.Cl. (Cyperus pseudovestitus (C.B.Cl.) Kuek.)
Boni Forest, Kenya thus expected SW Som. Tussocky perennial.

Mariscus schimperi Hochst. (Cyperus schimperi (Steud.) K.Schum. var. schimperi)
N (Cuf. 1970).

Mariscus scleropodus (Chiov.) Cuf. (Cyperus scleropodus Chiov.)
N (Cuf. 1970).

Mariscus somaliensis C.B.Cl. (Cyperus pseudosomaliensis Kuek., ?C. somaliensis C.B.Cl.)
**GOCOSO**(GHEO-OSSO)(C)
1( ) Afgooye; N (Cuf. 1970).

Mariscus vestitus (Krauss) C.B.Cl. (Cyperus vestitus Krauss)
Boni Forest, Kenya thus expected SW Som.
Subsucculent perennial.

Mariscus sp.nr. vestitus (Krauss.) C.B.Cl.
Wieland 4168
KABOYAAL(W)
1( ) CR: Hobyo. Small perennial with pseudobulb.

Pycreus pelophilus (Ridley) C.B.Cl. (Cyperus pelophilus Ridley)
(1)1 S. Annual.

Queenslandiella hyalina (Vahl) Ballard (Cyperus hyalinus Vahl)
?Expected SW. Tufted annual.

Schoenoplectus corymbosus (Roem. & Schult.) J.Rayn. (Scirpus inclinatus (Del.) Asch. & Schweinf.)
?KATEMA(G)
Doubtfully N; cited in Glover 1947. Stout tough perennial.

Schoenoplectus lateriflorus (Gmel.) K.Lye ssp. lateriflorus (Scirpus supinus L.)
S (Cuf. 1970, Kazmi 1985). Tufted annual.

Schoenoplectus maritimus (L.) K.Lye (Scirpus maritimus L.)
(1) N,S (Cuf. 1970). Rhizomatous perennial.

Schoenoplectus roylei (Nees) Ovcz. & Czuk. (Scirpus roylei (Nees) Parker, S. quinquefarius Boeck.)
S (Cuf. 1970, Kazmi 1985), expected CR acc. to ?Chiov. Tufted annual.

Schoenoplectus subulatus (Vahl) K.Lye (Scirpus littoralis Schrad.)
N (Cuf. 1970, Kazmi 1985). Stout tough aquatic perennial.

Schoenus nigricans L.
N (Cuf. 1971).

Scleria racemosa Poir.
S (Cuf. 1971). Rhizomatous perennial.

## 332 GRAMINEAE+
FTEA 1970,1974,1982
Cope 1985

Acrachne racemosa (Roem. & Schult.) Ohwi (Eleusine racemosa Roem. & Schult.)
DHALAD(HD)
(1) N,S; also Hiiraan-Bakool area (Cope 1985); NE Bay Region (O'Brien 1986). Annual.

Aeluropus lagopoides (L.) Trimen
**GUBAANGUB**(GUBANGUB)(M,MOG)
**AFRUG**(MOG)
**LO'**(LOH)['cattle'; likely **LO' CAD** intended](MOG)
**GODXED**?(GODHED)(G)
**GAROW/GAROWLEY**(GARO,GURO,GARRO)(C,G,MOG)
(6) N. Stoloniferous perennial, lvs hard/sharp.

Afrotrichloris hyaloptera Clayton
**CAWS MULAAX**(KH)
CAWS MULLAX(L)
**BALDHOOLE**(BALDOLE)(MOG)
(5)1 CR; S (Kazmi 1985). Tufted perennial.

Afrotrichloris martinii Chiov.
**CAWS MULAAX/MULLAAX**(OUSE MULLEH)(MOG,KH)
**RARMAY BICIID**(KH)
2(4)1 CR, just S. Tufted perennial.

Agrostis canina L.
EX?
S (Cope 1985).

Agrostis schimperana Steud.
?N (Cope 1985). Loosely tufted stoloniferous perennial.

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+Tribes:

Agrostis semiverticillata (Forsk.) C.Chr.
?**SARDI**?(SARDO)(G) ?Possibly N; cited in Glover 1947.

Agrostis viridis Gouan
N (Cope 1985).

Andropogon abyssinicus Fresen. (A. humilis A.Rich., A. polyatherus A.Rich.)
**DUUR**(DUR)(G,M)
**SARDI**?(SARDO)(G)
?Possibly N; cited in Glover 1947. Annual.

Andropogon aridus W.D.Clayton
N (Cope 1985). Dense cushion.

Andropogon chinensis (Nees) Merr.
S (Cope 1985). Tufted perennial.

Andropogon chrysostachyus Steud. [syn?]
Boni Forest, Kenya thus expected SW Som.

Andropogon greenwayi Napper
(3) N mts. Mat-forming perennial.

Andropogon indet.
GOGANE(MOG)
**DAREEMO/DUREEMO**(DAREMO)(MOG)
**GEED BUUREED**(B)
FALAARI, FALERAY, FALERY(B,MOG)
BALDAGARAAN,BALDANGERAD(B)

Anthephora sp.aff. A. laevis Stapf & Hubbard (or one of following spp?)
(1) N.

Anthephora nigritana Stapf & Hubbard
N (Cope 1985). Perennial.

Anthephora pubescens Nees (A. hochstetteri Hochst.)
HAMASHLEH(C)
N (Cuf. 1969). Perennial. Tends to intergrade with A. nigritana.

Aristida abnormis Chiov.
N (Cuf. 1969). Annual.

Aristida adoensis Hochst.
Djibouti (Cuf. 1969); S (Cope 1985). Densely tufted perennial.

Aristida adscensionis L. (incl. A. aethiopica (Rupr. & Trin.) Chiov.)
**MAYR**[or also **MAYRO**?](KH)
MAYR ODAWACO(KH)
**XALFO**[or also **XARFO**?](HARFO)(MOG,KH)
**MAJEEN**(MAACHEN)(C,M)
**BIRRE**(BIRREH,BILLE)(MOG,Wo)
**MAADHWEYN/MAARWEYN**(MADHWEYED,MADWEIN)(G,MOG)
**BALDHOOLE**(BALHORRI)(G)
**TINLE**(TINLEH)(G,NWR)
BAL(C)
GELMIS(C)
OS-GARDA(C)
1( ) N,S (Cuf. 1969); CR (Cope 1985). Tufted annual.

Aristida anisochaeta W.D.Clayton
(4) CR. Tufted annual or ?perennial.

Aristida brachypoda Tausch
N (Cuf. 1968).

Aristida (sp.cf. ?)caerulescens Desf. (A. gigantea L.f.)
**MAAR/MAADH WEYN**(MARA WAID)(G)
MA RUET(G)
(1) N. Almost identical with A. adscensionis but perennial.

Aristida congesta Roem. & Schult.
(1) N; maybe CR? Perennial.

Aristida funiculata Trin. & Rupr.
**BIRRE**(BIRREH)(C)
(1) CR?; N,S (Cuf. 1969, Kazmi 1985). Tufted or mat-forming annual.

Aristida hemmingii W.D.Clayton
(3) CR (incl. Cope 1985). Loosely tufted perennial.

Aristida kelleri Hack.
DASAR/DOSAR(KH)
**MAYR/MAYRO**(KH,M)
MAAR/MAADH(M,W)
**BIRRE**(BIRRI,BIRE,BIRHE)(G)
BAAL-XOORE(NWR)
1(13) CR,N,S. Tufted perennial.

Aristida migiurtina Chiov.
**MAJEEN**(MACHEN,MARCHEN)(G,M)
**GEED LIBAAX**(GED LIBAH)(MOG)
(3) N. Low densely tufted perennial.

Aristida mutabilis Trin. & Rupr.
DUB DERIGAN(MAC)

TARAGH(MOG)
**BIRRE**(MOG)
**XALFO/XARFO**(HALF)(HD)
(4) N,S; CR (Cope 1985). Annual.

Aristida protensa Henr.
N (Cuf. 1969); CR (Cope 1985).

Aristida pseudobromus Chiov.
CR (Cuf. 1969).

Aristida sieberiana Trin. (A. paoliana (Chiov.) Henr., A. schebehliensis Henr., A. somalensis sensu Chiov. 1916)
**CAWS**(AUS,OS)(C)
**BALDHOOLE**(W)
**MAYRO DHABAWEYN**(W)
**BIRRE**(BILLE)(Wo)
2(1) CR; S (Cuf. 1969); also N (Cope 1985). Loosely tufted perennial.

Aristida somalensis Stapf
**BIRRE**(BIRRHE)(MOG)
**SADDEX**?(SODAHELEH,SADDEH-ELI)(G,C)
(1) N; expected CR? Perennial. Closely resembles A. sieberana.

Aristida stenophylla Henr.
**CAWS MULAAX**(KH)
DASAR(KH)
**BIRRE**(C)
**MAYRO**(MEIRO)(C)
(10) N,CR,S (incl. Cuf. 1969); N,CR (Cope 1985). Loosely tufted perennial.

Aristida triticoides Henr.
**MAJEEN**(MAJEN,MARJEN)(MOG)
**BIRRE**(BIRREH)(C)
(3) N. Densely tufted perennial.

Aristida ?n.sp.
Beckett 954
(1) N.

Aristida indet.
BADHI WEYNE(M)
BILE(M)
DANYO(M)
ITIN(M)
BAL(MOG,M)
**GABOKABOOD**(GABAKABOT)(C)

Arthraxon prionodes (Steud.) Dandy (A. serrulatus A.Rich.)
**DHAGAX-** (DAGGAH-GOR)(C)
HORRAJAR(C)
(2) N. Perennial.

Arundo donax L.
S (Cuf. 1968).

Avena vaviloviana (Malzev) Mordv.
Djibouti, E Ethiopia (Cuf. 1968).

Bothriochloa insculpta (A.Rich.) A.Camus (B. pertusa sensu Cuf. 1970; Amphilophis pertusa (L.) Stapf, Andropogon pertusus Willd., Dichanthium insculptum (A.Rich.) Clayton)
DOOYO MURAALEY(KH)
**DHURBEY**(KH)
**SULBIR**(KH)
**DOOMAAR, CAWS DOOMAAR**(AUS DOMAR)(C,G,M)
CAWS DAMEER(M)
**CAWS MACAAN**(AUS MA'AN)(MOG)
**GARANGAR/GARAGORO**(GURGURO)(MOG)
**AYAX-MAKARE**(AYA MUKARRE)(MOG)
**CAWS GUDUUD**(AUS GUDUD)(G)
DOB(G)
**XADHAF**?(HADAF)(G)
(8) N; N,S (Cuf. 1970). Perennial.

Bothriochloa radicans (Lehm.) A.Camus (Amphilophis radicans (Lehm.) Stapf, Andropogon radicans Lehm., Dichanthium radicans (Lehm.) Clayton)
CAWS DAMEER(M)
**AYAX-MAKARE**(MOG)
**CAWS DOOMAAR**(AUS DOMAR)(G)
**BIRRE**(GEREH)(G)
**BAAR-BIYOLEH**(BAR-BIYALEH)(C)
(3) N; N,S (Cuf. 1970); only N&CR acc. to Cope 1985. Perennial.

Brachiaria arida (Mex) Stapf
N (Cuf. 1969). Scandent or creeping perennial.

Brachiaria bovonei (Chiov.) Robyns (B. viridula Stapf)
**GARANGAR/GARAGORO**(GARAGAROD,GARGARO)(G,MOG,M)
(1) N. Doubtfully Somalia.

Brachiaria brizantha (A.Rich.) Stapf
N (Cuf. 1969). Tufted perennial.

Brachiaria (?)comata (A.Rich.) Stapf (B. secernenda (Mez) Henr.)
SAL BIRE(MOG)
(2) S, Afgooye; N (Cuf. 1969). Loosely tufted annual, culms often procumbent (FTEA).

Brachiaria eruciformis (J.E.Sm.) Griseb.
KULE-KULE(MOG)
(1) S; also Djibouti (Cuf. 1969). Loosely tufted annual.

Brachiaria lachnantha (Hochst.) Stapf
(1) N; maybe expected CR?; N,S (Cuf. 1969); only NW acc. to Cope 1985. Tufted perennial.

Brachiaria lata (Schum.) C.E.Hubb.
S (Cuf. 1969). Loosely tufted annual. Intergrades with B.racemosa.

Brachiaria leersioides (Hochst.) Stapf
CAGAAR(AGAR)(G)
BALDHOOLE CAGAAR(BALDOLE AGAR)(G)
WEEYLA/WEYLA SADDEX(WAILA-SIDDEH)(C)
(2) N; also S (Cuf. 1969); N,CR (Cope 1985). Annual.

Brachiaria leucacrantha (K.Schum.) Stapf
S (Cope 1985). Loosely tufted annual.

Brachiaria longiflora W.D.Clayton
S (cf. Cope 1985, FTEA). Tufted perennial.

Brachiaria mutica (Forsk.) Stapf (B. purpurascens (Nees) Henr.)
EX: para grass.
S (Cuf. 1969). Cultivated for forage (FTEA).

Brachiaria obtusiflora (A.Rich.) Stapf
QAALMO WEYNEEYE(KH)
BALDHOOLE CAGAAR(BALDOLE AGAR)(G)
(2) N.

Brachiaria ovalis Stapf (B. glauca Stapf, B. somalensis C.E.Hubb.)
QAALMO WEYNEEYE(KH)
WEEYLA KURSHE(M)
BALDHOOLE(BALDORLE)(G)
BALDHOOLE CAGAAR(BULDORLE AGAR,BALDOLE AGAR,BALDORLE AGAR)(G,MOG)
CAGAAR(AGAR)(G)
BURALE(G)
DARBO(G,M)
WEYLA/WEEYLA SADDEX(WAILA SIDDEK)(G)
WIIL-XAARIS(KH)
1(9) N,CR. Tufted annual.

Brachiaria ramosa (L.) Stapf (prob. incl. B. deflexa (Schum.) Robyns, B. clavuliseta Chiov., B. regularis (Nees) Stapf)
DHALAD(HD)
(3) CR; N,S (Cuf. 1969). Loosely tufted annual.

Brachiaria reptans (L.) Gardner & Hubbard (Urochloa reptans (L.) Stapf)
JEBIN(MAC)
QAALMO-WEYNEEYE(MOG)
2( ) Afgooye; S (Cuf. 1969). Decumbent annual.

Brachiaria serrata (Thunb.) Stapf
N (Cuf. 1969). Tufted perennial.

Brachiaria stefaninii Chiov.
N (Cuf. 1969). Tufted perennial.

Brachiaria indet.
HAMASHLE(MOG)
WEYLA/WEEYLA SADDEX(WELA SIDHIK)(MOG)

Brachypodium flexum Nees (B. diaphanum (Steud.) Cuf.)
Doubtfully N; cited in Glover 1947.

Brachypodium distachyon (T.) Beauv.
Djibouti (Cuf. 1968).

Bromus leptoclados Nees
N (Cope 1985). Loosely tufted perennial.

Bromus pectinatus Thunb. (B. adoensis Steud.)
Doubtfully N; cited in Glover 1947.

Bromus sp. =
XIRMI?(HIRMI)(C)
N (Cuf. 1968).

Calamagrostis canescens (Weber) Roth (C. lanceolata Roth var. somalensis Chiov.)
S (Cuf. 1968).

Cenchrus biflorus Roxb. (C. barbatus Schumach., C. perinvolucratus Stapf & Hubbard)

WEYN-RIF (KH)
**CAGAAR MARABBOOB** (AGARI MARABOB) (MOG)
ERDUG (G)
(7) CR; also S (Cuf. 1969). Annual.

Cenchrus ciliaris L. (Pennisetum polycladum Chiov.)
**GAROW/GAROWLEY** (GARROW, GARROH, KARRAWLE, GARRAW, GARRAO, GARRO) (C, MOG, KH, M, W)
**CAWS GAROW** (KH)
CAWS-GURI (HD)
CAWS DILE (HD)
**CAWS DAMEER** (AUS DAMEER, OS-DEMER) (C, MAC)
**AYAX MAKARE** (IYAN MAKARRI) (G, M)
**BALDHOOLE** (BALTOOLE) (MOG)
**BALDHOOLE CAGAAR** (NWR)
RAMAAD-GUDHIYE (MOG)
**CAGAAR** (CAGAAN, AGAR, AGGAR) (C, G, MOG)
AGAR HAMIL (G)
DARIF (MOG)
**CIIRDHUUG** (CIIRDHUUG, ERDUG, IRDUG) (G, MOG, M, W)
BERALE (G)
GAIDE AGAR, GARDE AGAR (G)
GARBUIE (G, C)
GERET (G), OS-GERET (C)
GODOMAT, GODOMUT, GUDUMED, GUDOMEH, GUDOMAD (G, C)
HOL (G)
SER (Wo)
**DAYLAAN** (DHALAN) (W)
**CAANO-DUG** (ANO-DUG) (C)
**CARRAB-JAB**? (ARABJEB) (C)
10(36)3 CR, N, S. Tussock- or mat-forming perennial.

Cenchrus mitis Anderss.
(1) S; also Muq. (Kazmi 1985). Annual.

Cenchrus pennisetiformis Steud. (C. aequiglumis Chiov.)
**GAROW** (GURO) (MOG)
**CARRAB-JAB**? (ARAP JEP) (G)
**CIIRDHUUG** (ERDUG) (G)
(4) N; also S (Cuf. 1969); perhaps CR (Mudug). Annual or short-lived perennial.

Cenchrus setigerus Vahl
(8) N, CR. Perennial.

Cenchrus somalensis W.D.Clayton
N (Kazmi 1985). Tufted perennial.

Chloris barbata Sw. (C. inflata Link)
N (Cuf. 1968). Perennial.

Chloris ferruginea Renvoize
Hiiraan-Bakool area (Cope 1985). Tufted perennial.

Chloris gayana Kunth
N (Cuf. 1968); also S (Cope 1985). Perennial.

Chloris mensensis (Schweinf.) Cuf.
(2) N, S; S (Cuf. 1968); ?perhaps misdets, because only in N mts acc. to Cope 1985.

Chloris mossambicensis K.Schum.
Boni Forest, Kenya thus expected SW Som. Perennial.

Chloris pycnothrix Trin. (C. radiata sensu Cuf. 1968)
HARFO (G)
(1) N; maybe expected CR?; N, S (Cuf. 1969); only N acc. to Cope 1985. Annual.

Chloris roxburghiana Schult. (C. myriostachya Hochst.)
**BALDHOOLE** (BALDOLE, BALHORI) (G, M)
BADHI (M)
**BADHIWEYN/BARIWEYN** (BUDEWENE, BADIWEIN) (G, MOG)
ARO ANE (G)
**XARFO/XALFO** (HARFO) (G)
**CAWS DAMEER** (AUS-DOMAIR) (C)
(3) N, S. Tufted perennial.

Chloris somalensis Rendle
**WEYLA-GAB/WEEYLA-GAB** (WAILA-GAB) (C)
N (Cuf. 1969).

Chloris virgata Sw.
**BALDHOOLE** (BALDOLE) (MOG)
**CAGAAR** (AGAR) (MOG)
**CAANO-DUG** (ANODUG) (G)
**?RARMAY-BIYOOD** (RAREH-BIYUD) (G)
**CAWS CAANOOLE** (OS-ANOLE) (C)
(8) CR, S; also N (Cuf. 1969). Annual.

Chrysopogon+ aucheri (Boiss.) Stapf

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+ The Somali species are part of a species cluster (C. fulvus complex) with geographical correlates but poor morphological separations. "On this account it might be justifiable to reduce them all to subspecies." (FTEA)

**DAREEMO/DUREEMO** (DAREMO, DREMO, DAREIMO) (G, MOG, M, NWR)
1(5) N; also S (Cuf. 1969) but not acc. to Cope 1985; maybe gets down to Mudug. Perennial.

Chrysopogon plumulosus Hochst.
**DAREEMO/DUREEMO** (DAREMO, DEREMO, DREMO) (B, KH, MOG)
DOOFAR, DOFAR (B)
(19) N, CR ; N, S (Kazmi 1985). Perennial.

Chrysopogon (?) serrulatus Trin. (?C. fulvus (Spreng.) Chiov. sensu Cuf.)
**DAREEMO/DUREEMO** (DAREMO) (MOG)
(1) N. Perennial.

Coelachyrum brevifolium (Hochst.) Nees
S (Cuf. 1968); expected CR acc. to ?Chiov.

Coelachyrum poaeflorum Chiov.
**SADDEXO** (SADDAHHO, SADDEHO) (G, MOG, M)
**DOOMAAR** (DOMAR) (G, M)
**BADHIWEYN/BARIWEYN** (BUDWYNE) (MOG)
**MADAX-** (MADA-HABURR) (MOG)
HUBNALI (C)
(13) CR; N (Cuf. 1968); only N acc. to Cope 1985. Tufted stoloniferous perennial.

Coelachyrum stoloniferum C.E.Hubb.
**DOOYO** (W)
2(4) CR; also N (Cuf. 1968), S (Cope 1985). Tufted stoloniferous perennial.

Coelachyrum yemenicum (Schweinf.) S.Phillips
N (Cope 1985). Tufted perennial.

Cymbopogon caesius (Hook. & Arn.) Stapf (C. excavatus (Hochst.) Stapf)
UEIRAC (G)
1( ) S; N, S (Cuf. 1970); only N acc. to Cope 1985. Tufted perennial.

Cymbopogon commutatus (Steud.) Stapf (C. divaricatus Stapf, C. floccosus Schweinf.)
**CAWS GORIN**? (AUS GORON, AUS-GURUN) (C, MOG)
LEBJIR (G)
**CARRAB-JAB**? (ARAB JIB) (G)
**XADHAF/XARAF** (HADAF) (G)
YAMAIS (C)
(4) N; maybe expected CR? Tufted perennial.

Cymbopogon giganteus Chiov.
S (Cope 1985). Loosely tufted perennial.

Cymbopogon nervatus (Hochst.) Chiov. (closely related to C. caesius)
S (Cope 1985). Annual or short-lived perennial.

Cymbopogon pospischilii (K.Schum.) C.E.Hubb.
(7) N. Tufted perennial.

Cymbopogon schoenanthus (L.) Spreng. (C. proximus (A.Rich.) Stapf, C. sennarensis (Hochst.) Chiov.)
**CAWS GUDUUD** (AUS GUDUD) (G, M)
**CAWS DAMEER** (AUS DOMER, AUS DAMAIR, AUS-DAMER, AUS-DAMEIR) (C, G, MOG, M, NWR)
**CAWS GORIN**? (AUS GORON) (MOG)
WERAL (C)
SANDUL (C)
(8) N; maybe expected CR. Tufted perennial.

Cynodon dactylon (L.) Pers. (C. glabratus Steud.)
**TIX** (KH, W)
**DOOMAAR** (DOOMAR, DOMAR) (G, MOG, NWR)
**DOOMAAR MADOW** (DOMAR MADU, DOMAR MEDU) (G, M)
DARRIS, DARIS (G, MOG)
**XARFO** (HARFO) (G)
**GEEL-DABAR**? (GALDAVAR, GAL-DAVAR) (C, G)
OS-GIRA (C)
HABROKUFIS (MOG)
2(9) N, Jowhar, S, CR; only N&CR acc. to Cope 1985, with the S specimens probably being C. nlemfuensis. Stoloniferous perennial.

Cynodon nlemfuensis Vanderyst
S (Cope 1985). Stoloniferous perennial.

Cypholepis yemenica (Schweinf.) Chiov. (Leptochloa appletonii Stapf)
**TIMO-NAAGOODLE** (TIMO-NAGODLEH) (C)
(4) N; maybe expected CR.

Dactyloctenium+ aegyptium (L.) Willd. (D. ciliare Chiov.)

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+ "The boundaries between the species of Dactyloctenium are often ill-defined, frequently leading to difficulties in identification. This particularly applies to the annual sea-shore forms occurring on the sand and coral along the East African

**SADDEXO** (SADEHO, SADAHO, SUDAHO, SADDEH-HO) (C, G, M, MOG)
HURBUNLE (HORBONOLE) (G, HD)
**DOOYO/DOONYO** (DOHIO) (G)
(2) N, S; ?possibly CR. Spreading annual.

Dactyloctenium aristatum Link (D. radulans sensu Chiov. 1932)
**SADDEXO** (M)
CAWS FARQOOLE (HD)
2(4)1 CR, N, S; N, CR, S (Cope 1985). Coastal annual.

Dactyloctenium bogdanii S. Phillips
MADAHARBUN (MAC)
Hiiraan-Bakool area & S (Cope 1985). Stoloniferous perennial.

Dactyloctenium ctenioides (Steud.) Bosser
(1) S. [Barely distinguishable from D. aegyptium.] Spreading annual of seashore.

Dactyloctenium geminatum Hack. (D. somalicum (Chiov.) Chiov.)
1( ) S. Coastal stoloniferous mat-forming perennial.

Dactyloctenium robecchii (Chiov.) Chiov.
**GUBAANGUB** (GUBUNGUB, GUBANGUB, GUBUNGO, GOBUNGAP) (C, M, G, MOG)
(8) NE. Stoloniferous perennial forming dense spiky cushions.

Dactyloctenium scindicum Boiss. (D. glaucophyllum Courb.)
DEEG DARO, DAGDAKO (B)
DOOFAR (B)
**SADDEXO** (SADHEO, SADDHEO, SEDAHO, SADEHO, SADEXO, SUDAHO, SUDEHO, SADAHO, SADDEH-HO, SUDEH) (C, M, Ali 1986, MOG, G, NWR)
**MADAX-BUR**? (MADABUR) (G)
**DOOYO/DOONYO** (DOHIO, DOJO, DOIYE) (C, B, M, Wo)
DUIN (C)
OS-HURBONADA (C)
JADDOHO (C)
(17) CR, N; ?S (Cuf. 1968); N, CR, S (Cope 1985). Stoloniferous mat-forming perennial.

Dactyloctenium indet.
CAWS FARQOOLE (HD)
JARBO (HD)

Danthoniopsis barbata (Nees) C.E. Hubb. (Tristachya somalensis Franch., T. bricchettiana Chiov., Trichopteryx somalensis (Franch.) Engl.)
**CAWS TIMOLE** (AUS TIMOLE, AUS-TUMBULE) (C, G, M)
**DAREEMO/DUREEMO** (DAREMO) (G, M)
ARABASER (MOG)
**DAYLAAN** (DALON) (G)
ORO JAR (G)
(5) N. Tufted perennial.

Desmostachya bipinnata (L.) Stapf
(1) N. Tussocky rhizomatous perennial.

Dichanthium annulatum (Forsk.) Stapf var. annulatum & var. papillosum (A. Rich.) de Wet & Harlan (D. papillosum (A. Rich.) Stapf)
DADA DUBE (B)
JEBIN (MAC)
**DOOMAAR** (DOMAR) (G, M)
**CAWS GORIN**? (AUS GURAN) (MOG)
**DAYLAAN** (DAILAN, DEILAN) (G, MOG)
**AYAX MAKARE** (AJA MACCARE, AYA-MUKARRE) (C, G)
1(18) CR, N, S (also cf. Cuf. 1970). Perennial.

Dichanthium foveolatum (Del.) Roberty (Eremopogon foveolatus (Del.) Stapf)
**DHURBEY** (KH)
**CAWS MULAAX** (KH)
KOK SAAR (B)
OUSE KOK-SAR (MOG, B)
**DAYLAAN** (DALAN) (MOG)
LAAC (MOG)
**CAWS GORIN**? (AUS GORON) (MOG)
**SARREEN** (SARENNE, SAREM, SAREN, SARREN) (C, G, MOG)
**MAJEEN** (MACHEN) (C)
(23) CR, N, S (also cf. Cuf. 1970). Perennial.

Digitaria abyssinica (A. Rich.) Stapf (D. somalensis Chiov., D. scalarum (Schweinf.) Chiov.)
**DOOMAAR** (DOMAR) (C, M)
**DOOMAAR-CAD** (DOMAR AD) (G)
BARALE (MOG)
**GARGARO** (GURGURO) (MOG)
GURTA (G)

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coast, where several species reach the limit of their geographical range, and introgression is a frequent phenomenon." (FTEA)

(8) N; also S (Cuf. 1969). Mat-forming creeping rhizomatous perennial.

Digitaria acuminatissima Stapf
MALAASO(MOG)
1(0) S.

Digitaria argyrotricha (Anderss.) Chiov.
(1) Just S; S (Cuf. 1969). Annual.

Digitaria ciliaris (Retz.) Koel. (D. adscendens (Kunth) Henr.)
N (Cuf. 1969); only S acc. to Cope 1985. Annual.

Digitaria diagonalis (Nees) Stapf var. uniglumis (A.Rich.) Pilg. (D. uniglumis (A.Rich.) Stapf)
**BADHI-WEYN/BARI-WEYN**(BUDUWENE,BURIWEINE, BADI-WEINI,BUBIYOWEIN)(G,MOG)
BURRIBEITO(G)
(2) N; maybe expected CR. Perennial.

Digitaria longiflora (Retz.) Pers.
YEBI-OKI(C)
N (Cuf. 1969); also S (Cope 1985). Creeping or erect annual or short-lived perennial.

Digitaria macroblephara (Hack.) Stapf
**CAWS MULAAX**(KH)
DHERAM(KH)
**DHURBEY**(KH)
1(6) CR, S. Tufted perennial.

Digitaria milanjiana (Rendle) Stapf (D. fusca Chiov., D. gallaensis Chiov.)
1(2) Afgooye, S; N,CR,S (Kazmi 1985); only S acc. to Cope 1985. Loosely tufted rhizomatous perennial.

Digitaria nodosa Parl.
GURTA(G)
**CAANAMMACEEYE**(CAANO-MACANEYE)(M,W)
1(0) CR: Hobyo; N,CR (Cuf. 1969); only N acc. to Cope 1985. Tufted perennial.

Digitaria nuda Schumach.
(1) N. Annual.

Digitaria pearsonii Stapf
Boni Forest, Kenya thus expected SW Som. Straggling rhizomatous perennial, intermediate between D. abyssinica & D. velutina.

Digitaria pennata (Hochst.) T.Cooke
**BIRRE**(KH)
GAROW(KH)
**RARMAY**(KH)
**BAALDHOOLE**(BALDOLE)(G,M)
**DOOYO/DOONYO**?(DONI)(MOG)
**CAGAAR**(AGAR)(G)
HARKA-HARKOD(G)
(8) CR; N,S (Cuf. 1969). Tufted perennial.

Digitaria rivae (Chiov.) Stapf (D. botryostachya Stapf)
**DHABAR-SACLE**?(DABASALI)(MOG)
**KURDE**(CURDO)(G,MOG)
**GARGARO**(GARA-GARO)(MOG)
**BADHI-WEYN/BARI-WEYN**(BADWEINEH, BUDIWENE)(G,C)
1(5) N, Jowhar, Muq., CR; also S (Cuf. 1969). Perennial.

Digitaria ternata (A.Rich.) Stapf
**XARFO**(HARFO)(MOG)
**CAGAAR**(AGAR)(MOG)
(2) N. Annual.

Digitaria velutina (Forsk.) P.Beauv.
**BALDHOOLE CAGAAR**(BALDOLE AGAR,BULDORLE-AGAR)(G,C)
(1) N. Annual, often decumbent.

Digitaria xanthotricha (Hack.) Stapf
S (Cope 1985).

Digitaria indet.
BADHI(M)

Dignathia ciliata C.E.Hubb.
**CAWS JEERAN**?(AUS CHERIN)(MOG)
FODARDER(C)
(1) N. Perennial.

Dignathia gracilis Stapf
**DHURBEY**(KH)
**RARMAY**(KH)
**RARMAY BICIID**(KH)
UDALEEF(KH)
(4) CR; also S (Cuf. 1969). Loosely tufted annual.

Dignathia hirtella Stapf
GAROW(KH)
?MOKORE,MOKWAY(B)
**XALFO**(HALFA)(Wo)

(3) Jowhar, S. Loosely tufted annual.

Dignathia villosa C.E.Hubb.
**CAWS BUREED/BUUREED** (AUS BURETTE, AUS BURED) (G, MOG)
**YERIS** (MOG)
TA-O'K (G)
(10) CR, N. Tussocky perennial.

Dinebra retroflexa (Vahl) Panzer
**CAGAAR** (AGAR) (MOG)
CHEBIOKE (G)
(1) N; maybe expected CR?; S (HD, Cuf. 1968). Annual.

Diplachne fusca (L.) Stapf (D. malabarica (L.) Merrill)
S (Cuf. 1968). Aquatic rhizomatous perennial.

Drake-Brockmania somalensis Stapf (Eleusine somalensis Hack.)
N, S (Cuf. 1968); only N acc. to Cope 1985. Spreading annual.

Echinochloa colona (L.) Link
BAAL DOOLE (M)
**DOOMAAR** (DORAR, DOMAR) (MOG, MAC)
**GARGARO** (GURGURO) (MOG, G, M)
**CAGAAR** (AGAR) (G)
**BALDHOOLE CAGAAR** (BALDOLE AGAR) (G)
**CAGAAR-MADOW** (AGAR-MADOW) (C)
**CAWS KURTUMOOLE** (OS-CURTUMOLE) (C)
SHALBIR (HD)
(17) CR, N, S (also cf. Cuf. 1969). Annual (perennial?).

Echinochloa crus-galli (L.) P.Beauv.
**CAWS SUGUL** (OS-SUGUL) (C)
EX.
S (Cuf. 1969); only N acc. to Cope 1985. Annual.

Echinochloa crus-pavonis (Kunth) Schult.
**CAWS JEEREED** (MOG)
**QALANQUUL**? (MOG)
LABANDA (G)
2( ) Afgooye; S (Cuf. 1969).

Echinochloa haploclada (Stapf) Stapf
DOOFAR (B)
DOORAAR (DORAAR) (B, HD)
SABOULEH (MAC)
**CAWS WEYN** (OS UEN) (G)

2(4)2 Afgooye, S; possibly S Hiiraan. Rhizomatous perennial.

Echinochloa pyramidalis (Lam.) Hitchc. & Chase
**GARGARO** (C)
S (Cuf. 1969). Rhizomatous perennial, usually in water.

Echinochloa stagnina (Retz.) P.Beauv.
S (Cope 1985). Perennial.

Ehrharta erecta Lam. var. abyssinica (Hochst.) Pilg. (E. abyssinica Hochst.)
**GAWSAMADOWBEEYE/GUSOMADOBEYE** (MOG, M)
(2) N.

Eleusine coracana (L.) Gaertn.
**WAANBE** (UEMBE, UEMBO) (C, G)
EX: finger millet.
S (Cuf. 1968). Cultivated, sometimes escaping (Cope 1985).

Eleusine floccifolia (Forsk.) Spreng.
**GARGORO** [or **GARGARO**?] (GURGOR, GUR GOR, GARGOR, GARRGORR) (C, G, M, MOG)
SERIG (G)
(6) N. (Densely) tufted rhizomatous perennial.

Eleusine indica (L.) Gaertn. ssp. indica & ssp. africana (Kennedy-O'Byrne) S.M.Phillips
N (Cuf. 1968); ?S (Kazmi 1985). Weedy annual.

Elionurus muticus (Spreng.) Kuntze
N (Cope 1985). Tufted perennial.

Elionurus royleanus A.Rich.
GAD-E-SAN (G)
S (Cope 1985). Annual.

Enneapogon cenchroides (Roem. & Schult.) C.E.Hubb.
**RARMAY** (KH)
WAR[B]LO (G)
**CAGAAR** (AGGAN, AGGAR, AGAR) (C, MOG)
QAALMAQOOQSHE, QAALIN-MAQOOQSHE (W)
1(4) N, CR. Tufted annual.

Enneapogon desvauxii P.Beauv. (E. lophotrichus Chiov., Pappophorum fasciculatum Chiov.)

CR,N (Cuf. 1968); only N acc. to Cope 1985. Tufted perennial.

Enneapogon scaber Lehm.
**BALDHOOLE** (BALDOLE, BALDOLEH) (G, M)
(1) N.

Enneapogon schimperanus (A. Rich.) Renv. (E. elegans (Steud.) Stapf, Pappophorum glumosum Hochst.)
**DHURBEY** (KH)
**CAWS MULAAX** (KH)
**RARMAY** (KH)
**RARMAY BICIID** (KH)
**SULBIR** (KH)
ULUDHERE (KH)
**AYAX MAKARE** (AIYA MAKARRE) (G, M)
**BAL BICIIDLE** (BAL BEIDLEH) (G)
BIRRE (W)
?XUL (MOG)
2(15) CR,N; ?S (Cuf. 1968). Tufted perennial.

Enteropogon barbatus C.E. Hubb.
**GARGARO** (GARGOR) (G)
BADHI (M)
CAWS QUDUN (AUS GORUN, AUS GURUN) (G, M)
**CAWS-CAD** (AUS AD) (G)
**BADHI-WEYN/BARI-WEYN** (BADI-WEINI) (G)
**JAWDHEER**? (CHAUDERE, GAUDERE, GHOW DERRAI) (G)
AUS-KHASA (C)
N (Cuf. 1968). Perennial.

Enteropogon macrostachyus (A. Rich.) Benth. (E. simplex (Schum.) A. Chev.; E. monostachyos (Vahl) K. Schum. sensu Glover 1947)
**DAREEMO/DUREEMO** (DAREMO) (G, M)
DUB DERIGAN (MAC)
ASKOROF (C)
**CAWS-CAD** (AUS-AD) (G)
HORIN (G)
1(2) Afgooye, S; also N (Cope 1985). Perennial.

Enteropogon rupestris (J.A. Schmidt) A. Chev. (E. ruspolianus Chiov., E. somalensis Chiov.)
**GARGARO** (GORGOR) (MOG)
AUS GOROF (MOG)
GOWDERE, GAUWADERI (C, MOG)
**CAWS-CAD** (CAROS-CAD, AUS-AD) (C, MOG, NWR)
**HARRAR** (HARAR) (C)
HORIN (C)
SER (Wo)
1(10) CR; N,S (Cuf. 1968). Bushy (tufted) perennial.

Enteropogon sechellensis (Bak.) Th. Dur. & Schinz
(1) S. Perennial.

Enteropogon ?n. sp.
Norris MOG30, Hemming & Deshmukh 174, 198
2(0) S.

Enteropogon indet.
CAWS ALOOL (M)

Eragrostis abrumpens Kabuye
(1) S. Small tufted annual.

Eragrostis aethiopica Chiov.
BALO-SALBIR (MOG)
GEILMIS, GELMIS (G, MOG)
MADWEDLE (G)
(3) N,S. Weedy annual.

Eragrostis ambleia W.D. Clayton
S (Cope 1985). Tufted annual.

Eragrostis aspera (Jacq.) Nees
(1) N. Annual.

Eragrostis barrelieri Daveau
**XARFO** (HARFO) (C)
(3) N. Like E. papposa but annual.

Eragrostis caespitosa Chiov.
S (Cuf. 1968). Perennial.

Eragrostis chapelieri (Kunth) Nees
(1) N. Perennial.

Eragrostis cilianensis (All.) Lut. (E. megastachya (Koel.) Link)
**DOOYO/DOONYO** (DOY, DOYE) (MOG, KH)
DOOYO DAMEER (KH)
DOOYO MIRLEY (KH)
**CAGAAR** (AGAR) (MOG)
**DOOMAAR** (DOMAR) (MOG)
**XARFO** (HARFO) (G)
RAMAG (HD)
1(14) CR,S; N,S (Cuf. 1968). Annual.

Eragrostis ciliaris (L.) R. Br.
**DHURBEY** (KH)
**RARMAY** (KH)

ALFO/XARFO(KH)
ALBIR(MOG)
ALAT, DALAAT(G,MOG)
ARA DILE(G)
RIOROD(C)
S-GHELUFEI(C)
(9)1 CR,S,N. Annual.

ragrostis curvula (Schrad.) Nees
(Cuf. 1968). EX. Perennial.

ragrostis cylindrifolia Hochst. (E. annulata Chiov.)
(Cuf. 1968). Annual.

ragrostis hararensis Chiov.
UBAANGUB(GUBAN GUB,GUBUNGUB)(G,M)
FRUG(G)
(Cuf. 1968).

ragrostis japonica (Thunb.) Trin.
(Cope 1985). Tufted annual.

ragrostis mabrana Schweinf.
UBAANGUB(GUBURGUB)(MOG)
5) N. Tough perennial forming dense spiky cushions (Cope 1985).

ragrostis minor Host (E. pappiana (Chiov.) Chiov., E. pooides P.Beauv.)
ARFO(HARFO)(C)
,S (Cuf. 1968); only N acc. to Cope 1985. Annual.

ragrostis namaquensis Schrad. var. diplachnoides (Steud.) W.D.Clayton (E. diplachnoides Steud., E. interrupta (Lam.) Doell.)
(Cuf. 1968, Kazmi 1985). Annual. ?Maybe confused with E. japonica.

ragrostis papposa (Roem. & Schult.) Steud. (E. aulacosperma Fresen.)
IXI(DUXI,DIHI)(G,MOG,M)
ARFO(XARFU,HARFO,HAARFO)(MOG)
ARFO YARYAR(HARFO YER YER)(MOG)
IID(G)
IMOLE (TIMONA GODLEH)(G)
IMOLE(TINGLE,TINGLEH,TINOLEH)(G,C)
ARAN BIXI(WARRAM BIHI)(G)
ARREEN(SARREN)(C),
ID(C)
19) N; maybe expected CR? Perennial (?annual - Maconachie 3755).

Eragrostis perbella K.Schum. (E. araiostachya Chiov.)
XALFO(HALFO)(B)
S (Cuf. 1968). Perennial.

Eragrostis sennii Chiov.
S (Cuf. 1968).

Eragrostis somaliensis Engl. (syn?)
N (Cuf. 1968).

Eragrostis superba Peyr.
S (Cuf. 1968). Perennial.

Eragrostis tenella (L.) Roem. & Schult. var. tenella (E. plumosa (Retz.) Link)
N,S (Cuf. 1968). Annual.

Eragrostis tenuifolia (A.Rich.) Steud.
N (Cuf. 1968). Perennial.

Eragrostis vatovae (Chiov.) S.Phillips (Acrachne vatovae Chiov.)
S (Cuf. 1968).

Eragrostis indet.
KURDO/KURTO(M)
RAMAAS BICIID(M)

Eriochloa fatmensis (Hochst. & Steud.) W.D.Clayton (E. acrotricha (Steud.) Thell., E. nubica (Steud.) Thell.)
DARABO(MOG)
CAGAAR(AGAR)(G)
DHALAD(HD)
(12) CR,N,S (also cf. Cuf. 1969). Annual.

Eriochloa meyerana (Nees) Pilg.
-JABE(ILLAN GIUBE,ILLAN-GIABE)(C,G)
CAWS WEYN(HD)
1( ) S. Perennial, often scrambling. (Dominant over large areas of seasonally flooded land (EA)).

Eulalia villosa (Thunb.) Nees (E. sericea (Chiov.) Stapf)
Doubtfully N - cited in Glover 1947; ?S (Cope 1985). Perennial.

Eustachys paspaloides (Vahl) Lanza & Mattei
1(2) CR. Perennial (rhizomatous - Wieland 4206).

Gastridium phleoides (Nees & Mey.) Hubbard
(G. ventricosum sensu Cuf. non (Gouan) Schinz & Thell.)
Djibouti (Cuf. 1968).

Hackelochloa granularis (L.) Kuntze
S (Cuf. 1969). Annual.

Halopyrum mucronatum (L.) Stapf
SAIRUK(MOG)
SIDO(MOG)
SEEDA(C)
1(4) N,CR; N,CR,S (Cope 1985).
Stoloniferous but tussock-forming tough (woody) perennial; coastal dunes.

Harpachne schimperi A.Rich.
N (Cuf. 1968). Perennial.

Heteropogon contortus (L.) Roem. & Schult.
DHURBEY(KH),DHURBE(M),DHURBAY(L)
**AYAX MAKARE**(AIYAHAMAKARE,AYAH MAKARE)(G,M)
**CAWS GUDUUD**(AUS GUDUD)(G,M)
**YAMAYS**(YAMAIS)(MOG,M)
EEBETII-TII,EBA TEETEE,EBATITI,EBA TITIS(G,MOG)
**BADHI-WEYNE/BARI-WEYNE**(BAADHI-WEYNA)(MOG)
HOL(MOG)
**BARI GUDUUD**(BURI GUDUD,BUR GUDUUD)(G,NWR)
**CAGAAR**(AGGAR)(C)
AIRBARLI(C)
**CAWS BAAR**(HAUS-BAR)(C)
2(9) CR,N,S (also cf. Cuf. 1970).
Perennial.

Hyparrhenia anthistirioides (A.Rich.) Stapf
N (Cope 1985). Annual.

Hyparrhenia baddadae Chiov. (Andropogon baddadae Chiov.)
S (Cuf. 1970).

Hyparrhenia dichroa (Steud.) Stapf
Djibouti (Cuf. 1970). Perennial.

Hyparrhenia hirta (L.) Stapf
**CAWS MULAAX**(KH)
**DHURBEY**(KH)
CAROW(KH)
**CAWS GURUN**(AUS GURUN)(MOG)
**DAYLAAN**(DEILAN,DELAN)(G,MOG)
BEIN(MOG)
MADAF(MOG), HADAF(G)
SAV(G)
**DABASHEBEL**(G)
1(8) CR,N; only N acc. to Cuf. 1970.
Tufted perennial.

Imperata cylindrica (L.) Raenschel
Somalia (Cuf. 1969). Rhizomatous perennial.

Ischaemum afrum (J.F.Gmel.) Dandy
**CAWS MULAAX**(KH)
(1) Muq.-S; N (Cope 1985). Tufted perennial.

Lasiurus scindicus Henr. (L. hirsutus (Forsk.) Boiss.)
DUNGARA(MOG)
DARIF(MOG,NWR)
DUBAN DUR(G)
(7) N. Perennial.

Leptocarydion vulpiastrum (De Not.) Stapf
?Possibly Somalia; cited in Glover 1947.

Leptochloa obtusiflora Hochst.
**BALDHOOLE**(BALDORLE,BULDORLEH,BULDORLE)(C,G,M)
CAWS GUDUN(AUS GURUN,AUS URUN)(G,M)
**GARGARO**(GURGURO)(MOG)
ROREH(G)
(6) N; ?maybe expected CR; also S (Cuf. 1968). Tufted perennial.

Leptochloa panicea (Retz.) Ohwi
S (Cuf. 1968). Annual.

Leptochloa rupestris C.E.Hubb.
N mts. Rhizomatous perennial.

Leptochloa uniflora A.Rich.
Boni Forest, Kenya thus expected SW Som.
Annual or short-lived perennial.

Leptothrium senegalense (Kunth) W.D.Clayton (Latipes inermis Chiov., L. senegalensis Kunth)
**RARMAY**(KH,M,L)
?XALFO(KH)
**YARIS**(M,W)
**DAREEMO**(B)
CHEBIOKE,CHIBIOBE,CHUBBI OKI(G,MOG)
**TIMA GABDHOODLE**(TIMA GABDODLE)(MOG)
**DIXI BICIID**(DIHE BE-ID)(G)
HRIMAMIYE,RHIMEMIYE(G)
CAWS-CIYOWGAB(MOG)
JHABIOGEH(G)

ILMOGR(W), ILLMOGER(Wo)
7(27) N,CR,S. Short-lived perennial.

Lintonia nutans Stapf (Negria melicoides Chiov., Joannegria melicoides (Chiov.) Chiov.)
S (Cuf. 1968).

Loudetia migiurtina (Chiov.) C.E.Hubb. (Trichopteryx migiurtina Chiov.)
N (Cuf. 1968). Tufted perennial.

Melanocenchrus abyssinica (Fres.) Hochst.
(1) (CR?) Small annual.

Melinis vestita (Balf.) Chiov.
Cited in Glover 1947.

Microchloa kunthii Desv. (M. abyssinica A.Rich. [if perennial] or M. indica (L.f.) P.Beauv. [if annual])
N (Cope 1985). Small annual or perennial.

Monocymbium ceresiiforme (Nees) Stapf
Possibly N (Cuf. 1970). Perennial.

Neyraudia arundinacea (L.) Henr.
(1) Merca.

Ochthochloa compressa (Forsk.) Hilu (Eleusine compressa (Forsk.) C.Chr.)
HARI-HARI(G)
**SADDEXO**(SADAHO)(G)
GARAMO(C)
HABRA-LEGGIT(C)
(1) N; also S coast (Cope 1985). Stoloniferous perennial.

Odontelytrum abyssinicum Hack.
Yemen, Ethiopia (FTEA). Perennial in running water.

Odyssea mucronata (Forsk.) Stapf
**AFRUG**(MOG)
**GUBAANGUB**(GUBANGUB)(MOG)
(5) CR,N; only N acc. to Cope 1985. Spiny tufted perennial.

Oplismenus burmannii (Retz.) P.Beauv.
Boni Forest, Kenya thus expected SW Som. Annual with prostrate stems.

Oropetium capense Stapf (O. erythraeum Chiov.)

**DAAQ DAAYEER/DANYEER**(DAQ DAYEER)(MOG?)
**CAWS DAAYEER/DANYEER**(AUS DAYEER)(MOG?)
HRIDA(MOG)
(4) N; maybe expected CR; N,S (Cuf. 1968); only N acc. to Cope 1985. Perennial. Intergrades with O. minimum.

Oropetium minimum (Hochst.) Pilg. (O. majusculum (Hubb.) Cuf., Chaetostichium minimum (Hochst.) C.E.Hubb.)
**CAGAAR**(AGAR)(MOG)
**MAXAAN-SUGE**(MAHANSUGEH['what do I wait for']MOG)
(5) N; perhaps expected CR? Perennial.

Oropetium thomaeum (L.f.) Trin.
S (Cope 1985). Small tufted perennial.

Oryza longistaminata A.Chev. & Roehr.
S (Cope 1985). Rhizomatous perennial.

Oryza punctata Steud.
(1) S. Annual.

Oryzopsis sp. (?possibly Stipa dregeana Steud.)
**GOCONDHO**?(GO-ONTIN)(C)
N (Cuf. 1968).

Panicum atrosanguineum A.Rich.
**DHURBEY**(KH)
GAROW(KH)
**SULBIR**(KH)
MURAALARY(KH)
**XARFO**(HARFO)(MOG)
(1) N,CR; also S (Cope 1985). Annual.

Panicum bossii Tropea
S (Cuf. 1969).

Panicum coloratum L. var. coloratum & var. minus Chiov.
SABOULEH(MAC)
DOOYO(KH)
**RARMAY**(KH)
**SULBIR**(KH)
**XALFO**(KH)
**CAGAAR**(AGAR)(MOG)
**GARGARO**(GURGURO)(MOG)
**BALDHOOLE**(BALDORLI)(C,MOG)
GURTA(C)
1(10) CR; S (Cuf. 1969); also N (Cope 1985). Perennial.

Panicum deustum Thunb.
LEGULI(SAR)
S (Cuf. 1969); only N acc. to Cope 1985. Tufted perennial.

Panicum frutescens Mez
N (Cuf. 1969).

Panicum hippothrix K.Schum.
S (Cope 1985). Tufted annual.

Panicum infestum Peters (P. pseudoinfestum Chiov., P. sennii Chiov.)
S (Cuf. 1969). Tufted perennial.

Panicum maximum Jacq. [Guinea grass]
**BALDHOOLE**(BULDORLEH, BALDOLE, BALDORLI, BALLOLE)(C,G,MOG)
**BALDHOOLE WEYNE**(BALDOLEH WEINEH)(G)
SAR(G)
DABASSALE(C)
CAWS LAGOLEY(HD)
2(5) N, ?Jowhar, S. Perennial, occasionally annual.

Panicum pinifolium Chiov.
CAWS BABOHOLE(KH)
CARAW(KH)
DOOYO BANAAN(KH)
GUMXIR(KH)
JIMOOLE(KH)
**MAYR**(KH)
**TIX**(KH)
ALOLWORAN(MAC)
JEJIN, JIJIN, CHECHIN(W)
4(2) CR; also S (Cuf. 1969) but not acc. to Cope (1985). Tufted perennial (with stolons?).

Panicum repens L.
**CAWS-LO'**?(OS-LA)(C)
OS-ROVADI(C)
N,S (Cuf. 1969). Rhizomatous stoloniferous perennial.

Panicum subalbidum Kunth (P. longijubatum (Stapf) Stapf)
S (Cuf. 1969). Annual or short-lived perennial.

Panicum turgidum Forsk.
**DAYLAAN**(DALLAN)(MOG)
**DUNGAARE**?(DUNGARA, DUNGARO, DUNGARR, DUNQARAI, DUNGARRO, DUNGARRE)(C,G,MOG,NWR)
(9) N. Woody perennial.

Panicum indet.
**GARGARO-MADOW**(GURGURRO-MEDU)(C)

Paspalidium desertorum (A.Rich.) Stapf
DOOFAR(B)
DORAAR(B)
**GARGARO**(GURGURRO)(G,MOG,M)
**GARGARO-CAD**(GARA GARA AD, GAR-GARO AD)(G)
**GARGARO-MADOW**(GAR-GARO MEDU)(G)
**GARGARO-BIYOOD**(GARAGARA BIYOOD)(MOG)
**DOOMAAR**(DOMAR)(MOG)
MAHAN(G)
JIR(HD)
1(11) CR,N,S (also cf. Cuf. 1969). Tufted perennial.

Paspalidium geminatum (Forsk.) Stapf
SABOULEH(MAC)
**GARGARO**(GARGARI)(C)
(1) N; also S (Cuf. 1969). Perennial with creeping or floating rhizomes.

Paspalum vaginatum Sw.
DARIS(M)
GUXUD(M)
**DOOMAAR**(DOMAR)(MOG)
DAAT(MOG)
**RIS**(RHISS, HRIS)(G,M,MOG)
DA-AT REIS(G)
**DIXI**(DEHI)(C)
(4) N; expected CR? Creeping stoloniferous perennial.

Pennisetum dichotomum (Forsk.) Delile (syn?)
DARIF(G)
DUNGARA(G)
CR acc. to ?Chiov.

Pennisetum divisum (Gmel.) Henr.
**DAYLAAN**(DALLAN, DAILAN, DALAN)(C,MOG)
DUNGARA(G)
(8) CR,N,S (also cf. Cuf. 1969); only N&CR acc. to Cope 1985. Tufted perennial.

Pennisetum massaicum Stapf
**CIIRDUUQ**(IRDUG)(C)
N (Cuf. 1969). Perennial with short rhizome. Can be very similar to Cenchrus ciliaris.

Pennisetum niloticum Stapf & Hubbard
S (Cuf. 1969).

Pennisetum purpureum Schum.
EX: napier grass, elephant grass.
S (Kazmi 1985). Robust perennial.

Pennisetum setaceum (Forsk.) Chiov. (P. erythraeum Chiov., prob. P. orientale Rich. sensu Glover)
CAWS DAMEER(AUS DAMER)(G,M)
ARABSA(MOG)
**CARRAB-JAB**?(ARABJEH,ARAB JIB,ARAB JEP,ARAB-CHEB,ARAB-JEB)(C,G)
**CARRAB-LO'**?(ARAB LOAD)(G)
CHIU(G)
ERI(G)
(6) N; maybe expected CR? Tufted perennial.

Pennisetum stramineum Peter
N (Cope 1985); ?S (cf. FTEA). Perennial.

Pennisetum thunbergii Kunth
N (Cope 1985). Loosely tufted perennial.

Pennisetum unisetum (Nees) Benth.
N (Cope 1985). Perennial.

Pennisetum villosum (R.Br.) Fres.
**DOOMAAR**(DOMAR)(M,MOG)
(5) N. Mat-forming perennial.

Pennisetum indet.
GAMRO(C)

Perotis hildebrandtii Mez
(1) S. Annual.

Perotis patens Gand.
N (Cope 1985); expected S since found in Boni Forest, Kenya. Annual or short-lived perennial.

Perotis scabra Trin. (P. indica sensu Glover 1947)
N,S (Cuf. 1969).

Perotis somalensis Chiov.
S (Cuf. 1969).

Phalaris arundinacea L. (Typhoides arundinacea (L.) Moench)
EX.
?Possibly N; cited in Glover 1947.

Phragmites australis (Cav.) Steud. (P. communis Trin., P. vulgaris Crep.)
ALALO, ALOLO(G,MOG)
GUL BILANWE(G)
JOMBAHALE(G)
(2) S,N.

Phragmites karka (Retz.) Steud.
N,S (Cope 1985). Big rhizomatous perennial.

Phragmites mauritianus Kunth
Djibouti (Cuf. 1968).

Poa leptoclada A.Rich.
**GOCONSO/GOCOSO**(GO-ONSO)(C)
(2) N. Straggling or tufted perennial.

Polypogon fugax Steud.
N (Cope 1985).

Polypogon monspeliensis (L.) Desf.
**WEYLA-SADDEX/WEEYLA-SADDEX**(WAILA-SIDDEH)(C)
N (Cuf. 1968). Annual.

Pseudozoysia sessilis Chiov.
CR (Cuf. 1969). Perennial.

Rhynchelytrum repens (Willd.) C.E.Hubb. (R. roseum (Nees) Steud., R. villosum (Parl.) Chiov.)
**FOOD-CADE**(FODHADE)(G,M)
**BALDHOOLE CAGAAR**(BULDORLE AGAR)(MOG)
SAR(G)
**RAMAAS-BUUR**?(RAMMAS-BUR)(C)
(1) N, ?maybe expected CR (cf. Cuf. 1969). Annual or loosely tufted perennial.

Rottboellia cochinchinensis (Lour.) W.D.Clayton (R. exaltata L.f.)
HAGIMOLE(MOG)
BADI-BADI(Wo)
3(3)1 Afgooye, N,S. Annual.

Saccharum officinarum L.
EX: sugar cane.
S (Kazmi 1985).

Saccharum ravennae L. (Erianthus ravennae (L.) Beauv.)
**ALOOL**(ALALO)(MOG)
**ALOOL-CAD**(ALAL AD)(G)
ARAP SER(G)
AIBARLI(C)
(2) N. Tall reed-like grass.

Saccharum spontaneum L. ssp. aegyptiacum (Willd.) Hack. (S. biflorum Forsk.)
DUM(C)
SEEF DHALEY(HD)
1(0)1 S; N,CR,S (Cuf. 1969). Tall (4m) rhizomatous perennial.

Schizachyrium kelleri (Hack.) Stapf (Andropogon kelleri Hack., A. cyrtocladus Stapf)
**DUUR**(DHUR, DUHR, DUR, DURR, DHURR)(G, MOG, C, NWR, M)
**CAWS DUUR**(HAUS-DURR)(C)
**GUUL**(GUL)(B)
**RARNAY**(RORMO, RARMO)(B)
**DAYLAAN**(DOLON)(Wo)
QAWL(M: the young shoots)
(12) N,CR,S; N,CR (Cope 1985). Perennial forming enormous tussocks to 2x2 m.

Schmidtia pappophoroides J.A.Schmidt
N (Cuf. 1968).

Schoenefeldia transiens (Pilg.) Chiov.
DUB DERIGAN(MAC)
XUMBA SIIB,HABA SEBE(B)
1(1) CR,S. Tufted perennial.

Sehima ischaemoides Forsk. (Ischaemum laxum R.Br.)
CAWS GUDUUD(M)
HOL(C)
N (Cuf. 1969). Annual.

Sehima nervosum (Rottl.) Stapf
**CAWS GUDUUD**(AUS-GUDUD)(C)
N (Cuf. 1969). Perennial.

Setaria acromelaena (Hochst.) Th.Dur. & Schinz
(1) N. Annual.

Setaria incrassata (Hochst.) Hack. (S. avettae Pirotta, S. longissima Chiov.)
1( ) S. Perennial.

Setaria plicatilis (Hochst.) Hack.
N (Cope 1985). Tufted perennial.

Setaria sphacelata (Schumach.) Moss (S. aurea A.Br.)
N (Cuf. 1969); also S (Cope 1985). Perennial.

Setaria verticillata (L.) P.Beauv.
**MARABBOOB**(MARABOB)(M, MOG)
**CAWS MARABBOOB**(AUS-MARABOB)(C)
**XARFO**(HARFO)(G)
MEUREF(G)
DHEG DHEGLE(HD)
(1) N,S. Annual.

Sorghum arundinaceum (Desv.) Stapf (S. aethiopicum (Hack.) Stapf, S. somaliense Snowden, S. virgatum (Hack.) Stapf)
**MAKADEEY**(MACAVEH, MAKADEY, MACADEI)(C, MOG, MAC, HD)
**MASAANDE**(MASSANDE)(G)
MASAANDO(HD)
?BALD(C)
BALA-BALEY(HD)
5(3)2 Afgooye, S,N. Stout annual or short-lived perennial.

Sorghum bicolor (L.) Moench
KOWARA(B)
?EX: cultivated sorghum.
N,CR,S.

Sorghum x drummondii (Steud.) Millsp. & Chase (S. bicolor ssp. drummondii (Steud.) de Wet)
**CAWS**(HAUSS)(C)
S (Cuf. 1969). Cultivated or subspontaneous annual, often grown for forage under the name Sudan Grass (Cope 1985).

Sorghum durra (Forsk.) Stapf
N (Cuf. 1969).

Sorghum nigricans (Ruiz & Pavon) Snowden
S (Cuf. 1969).

Sorghum purpureo-sericeum (A.Rich.) Aschers. & Schweinf.
Doubtfully Somalia (see Kazmi 1985). Annual.

Sorghum subglabrescens (Steud.) Schweinf. & Aschers. var. arabicum (Koern.) Snowden & var. latum Snowden
**MESEGGO**(MESENGASS, MESENGU)(C)
**CILMI-JAAMAC**(ELMI-JAMA)(C) [a dwarf var. in the N]
**MOORDI**(M)
**HARUUR**(M)
WAGERAH(C)

N (Cuf. 1969).

Sorghum versicolor Anderss. (S. purpureo-sericeum (A.Rich.) Aschers. & Schweinf. var. trinervatum Chiov.)
MAKADEEY(M)
S (Cuf. 1969). Annual or short-lived perennial.

Sporobolus africanus (Poir.) Robyns & Tournay (S. 'indicus')
**GARANGARO/GARGORO**(GARGARRO)(G)
CR (Cuf. 1968). Perennial.

Sporobolus agrostoides Chiov.
KURDO(HD)
1( )1 S. Tufted perennial.

Sporobolus+ arabicus Boiss. (maybe conspecific with S. kentrophyllus; conspecific with S. ioclados acc. to Cuf. 1968)
**DHURBEY**(KH)
**MAYR**(KH)
**GARANGARO/GARGORO**(GAR-GARO)(G)
(3) N,S. Perennial, ?with stolons.

Sporobolus brockmanii Stapf
**ULADHEER/ULODHEER**(BULDOREH)(G,W)
**SADDEXO**(SADDAHO)(C)
**GARANGARO/GARGORO**(GARRA-GORRO,GARRO-GORRO)(C)
2(0) CR coast; N (Cuf. 1968); N,CR (Cope 1985). (Stoloniferous) perennial.

Sporobolus commutatus (Trin.) Kunth (maybe = C. cordofanus (Steud.) Coss.)
Somalia (Cuf. 1968). (?)Annual.

Sporobolus compactus W.D.Clayton
(2) N. Perennial.

Sporobolus confinis (Steud.) Chiov.
Boni Forest, Kenya thus expected SW Som. Rhizomatous perennial.

Sporobolus consimilis Fresen. (S. nogalensis Chiov., S. robustus Kunth sensu Cuf. 1968)
**CAWS MULAAX**(KH)

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+ According to FTEA, S. ioclados, S. kentrophyllus, S. rangei, S. arabicus & probably S. commutatus intergrade.

**MAYR**(KH)
ULUDHERE(KH)
**SIFAAR**(SIFAR)(G,M)
DARIF(MOG)
BIEYIS(MOG)
GHOL(G), ROL(G)
WERRIS(C)
(4) N (& just N). Perennial tussock grass, sometimes forms stolons.

Sporobolus coromandelianus (Retz.) Kunth
Djibouti (Cuf. 1968). Annual.

Sporobolus festivus A.Rich.
**CAWS**(AIUSS)(C)
N (Cuf. 1968), S (Kazmi 1985); only N acc. to Cope 1985. Perennial.

Sporobolus fimbriatus (Trin.) Nees
DOOYO MURAALEY(KH)
**DHURBEY**(KH)
**MAYR**(KH)
**XALFO**(KH)
SEER(HD)
N (Cope 1985),S (HD). Perennial.

Sporobolus helvolus (Trin.) Th.Dur. & Schinz (S. podotrichus Chiov., S. senegalensis Chiov.)
**SULBIR**(KH)
**DOOMAAR**(DOMAR)(G,M)
DUB DERIGAN(MAC)
DUG KUFIS,DUKA FIS(B)
**RARMAY**(RORMO)(B)
DABRO(MOG) [DARBO?]
HABA-KUBIS(MOG,B)
**SIFAAR**(SIFAR)(MOG)
SAYDHO(SAIDO)(G,HD)
JARBO/JARBE(GERBO)(G,HD)
DHUL MUUDE(HD)
6(19) CR,S; also N (Cuf. 1968). Tufted perennial with stolons.

Sporobolus ioclados (Trin.) Nees (S. genalensis Chiov., S. marginatus A.Rich.)
**DIXI/DUXI**?(DIHI,DEHI)(G,MOG,M,NWR)
**DIXI-GEEL**(DIHI GEL)(MOG)
**DIXI-ABEER**(MOG)
**XARFO**(HARFO)(MOG)
**DOOMAAR**(DOMAR)(MOG)
**TIMO-NAAGOODLE**(TIMO NAGADLEH,TIMO NA GODLEH,TIMO-NA-GODLEH)(C,G)
GEBIN(C)
GERGAVIVET(C)

UMBUSSI(C)
**RAMAAS**(RAMMAS)(C)
2(12) N,CR,S. Perennial, often stoloniferous.

Sporobolus kentrophyllus (K.Schum.) W.D.Clayton (S. verdcourtii Napper)
N (Cuf. 1968), S (Kazmi 1985); also Hiiraan-Bakool area (Cope 1985). Tussocky perennial with stolons.

Sporobolus macranthelus Chiov.
S (Cuf. 1968). Perennial.

Sporobolus microprotus Stapf
N,S (Cope 1985). Annual.

Sporobolus minutus Link
S (Cuf. 1968); only N acc. to Cope 1985. Small annual.

Sporobolus nervosus Hochst. (S. longibrachiatus Stapf)
**RAMAAS**(RAMAS,RAMASS,RAMMAS)(C,M)
DABO(HD)
1(3) N,S; also CR (Cope 1985). Tufted perennial.

Sporobolus panicoides A.Rich.
N (Cuf. 1968), S (Kazmi 1985); only N acc. to Cope 1985. Annual.

Sporobolus pellucidus Hochst.
**GAROGARO/GARANGARO/GARGARO**(MOG)
(2) CR; N,CR,S (Cope 1985). Tufted perennial.

Sporobolus pyramidalis P.Beauv. (S. hypseloteros Chiov.) [correct det?]
**GARANGARO/GARGARO**(GARAGARO)(MOG)
**CAWS**(AOS)(C)
1( ) N. Perennial.

Sporobolus (?)rangei Pilg.
(1) N. Perennial.

Sporobolus ruspolianus Chiov. (S. fruticulosus Stapf)
**SIFAAR**(SIFAR)(MOG,M,C,NWR)
**CAWS SIFAAR**(HAUS-SEFFAR)(C)
**SADDEXO**(SADEHO)(C)
(16) CR,N,S (incl. Cuf. 1968); only N&CR acc. to Cope 1985. Mat-forming perennial.

Sporobolus somalensis Chiov. (S. variegatus Stapf)
DOOYO MURAALEY(KH)
GAROW(KH)
**RARMAY**(KH)
**SULBIR**(KH)
XALIIMODHEER(KH)
**DIXI**(DUXI,DIHE,DIHI,DEHI,DUHI)(C,MOG,M)
1(10) CR,N. Perennial.

Sporobolus spicatus (Vahl) Kunth
**GARANGARO/GARGARO**(M)
**RIS**(HRIS,RISS)(C,G,M)
DARIS(M)
GUXUD(M)
**TIX**(TEGH)(MOG)
**DIXI**(DIHI)(MOG)
DAAT(G)
DEBO WELODLE(G)
**GARANGARO/GARGARO**(GAR-GARO)(G)
GARO,GARRO(C,G)
GARO DEBO(G)
**RAMAAS**(RAMAS)(G,M,NWR)
1(12) CR,N,S. Tufted (mat-forming) stoloniferous perennial.

Sporobolus stapfianus Gand. (incl. S. airiformis Chiov.)
N,?S (Cuf. 1968); only N acc. to Cope 1985. Perennial.

Sporobolus ?tenellus (syn?)
**DIXI-NAYLOOD**(DIHI NAYLOD)(MOG)
(1) N.

Sporobolus tourneuxii Coss.
(5) N. Perennial; tough dense low-growing cushions (Cope 1985).

Sporobolus virginicus (L.) Kunth
1( ) ?CR (doubtful?); S (Cuf. 1968). Rhizomatous perennial.

Sporobolus sp. = Beckett 562 (Hemming & Deshmukh 336)
S.

Sporobolus indet.
BEYBI(M)
DARBO(HD)
KORDO(HD)
QAALMO WEYL(HD)

Stipa dregeana Steud. (Oryzopsis keniensis Pilg.)
(1) N. Perennial.

Stipagrostis hirtigluma (Trin. & Rupr.) de Winter (Aristida hirtigluma Trin. & Rupr.)
DIDIB CADE(KH)
**RARMAY**(KH)
**XALFO/XARFO**(HARFA,HARFO)(G,MOG,KH)
**CAWS LAB**(AUS LAB)(G,M)
MARCHEN(MOG)
**SARREEN**(SAREN)(MOG)
BAL(G)
**BALHOREH**(G)
MARDWEIDLEH(C)
BILLE(Wa)
(6) CR,N. Annual or short-lived perennial.

Stipagrostis obtusa (Del.) Nees
N (Cope 1985). Tufted perennial.

Stipagrostis paradisea (Edgew.) de Winter (Aristida paradisea Edgew.)
LA-AH(C)
N (Cuf. 1969). Perennial.

Stipagrostis uniplumis (Licht.) de Winter (Aristida papposa Trin. & Rupr.)
**MAJEEN**(MARCHEN,MACHEN)(G,MOG,M)
**SARREEN**(SAREN)(MOG,M)
LA-AH(MOG)
BAL(MOG)
MARDWEIDLEH(C)
(7) CR,N; only N acc. to Cope 1985. Densely tufted perennial, sometimes short-lived.

Tetrachaete elionuroides Chiov.
**RARMAY**(KH)
DIDIB CADE(KH)
MAKOORE(KH)
(2) CR; S (HD, Kazmi 1985). Annual.

Tetrapogon bidentatus Pilg.
AUS-KHASA(C)
N (Cuf. 1968). Loosely tufted or rhizomatous perennial.

Tetrapogon cenchriformis (A.Rich.) W.D.Clayton (T. geminatus (Hochst.) Chiov., T. spathaceus (Steud.) Th.Dur. & Schinz; prob. T. macranthus (Desv.) Benth.)
AGARERIOROD(MOG)
**CAGAAR**(AGAR)(MOG)
**AYAX MAKARE**(AIYAHAMAKARE,AIYU MAKARE,AYAH MAKARE,AYA-MUKARRE)(C,G)
BULBIORLE(G)
HRAF WARAP, HRAF WHORAP(G)
**JEEBIN**(GEBBI,GEBBIN)(C,B,M)
(7) CR,S; also N (Cuf. 1968). Annual or short-lived perennial.

Tetrapogon tenellus (Roxb.) Chiov.
**BALDHOOLE**(KH)
BALWEYLOOD(KH)
**DHURBEY**(KH)
**RARMAY**(KH)
HALF(HD)
**JEEBIN**(JEBIN)(MAC)
**CAWS JEEBIN**(AUS JEERIB?]IN,AUSCHERIN)(G,MOG)
?SALMI SELMI(B)
**AYAX MAKARE**(AIYAHAMAKARE,AIYA MAKARRE,AIYU MAKARE,AYAH MAKARE)(G)
**-WARAABE**?(HRAF WARAP,HRAF WHARAP)(G)
(10) CR,S; also N (Cuf. 1968). Annual or short-lived perennial.

Tetrapogon villosus Desf.
BADHI(M)
HADAF(MOG)
**CAGAAR**(AGAR)(MOG)
**AYAX MAKARE**(AYA MUKARRE,AIYAHAMAKARE,AIYA MAKARRE,AIYU MAKARE,AYA MAKARE,IYA-MAKARAI)(C,G,MOG)
**BARI-WEYN**(BURI WENA)(G)
**XARFO**(HARFO)(G)
1(15) N, possibly S, ?maybe expected CR. Tufted perennial.

Themeda triandra Forsk.
**DABAR-SHABEEL**?(or **DABA-SHABEEL**?)(DABASHABEL, DABASHEBEL)(G,MOG,NWR)
**CAWS GARAN**(AUS GARAN)(MOG)
(7) N. Tufted perennial.

Tragus berteronianus Schult. (T. alienus (Spreng.) Schult., T. berterianus Chiov.)
**XARFO-YARYAR**(HARFO YER YER)(MOG)
**XARFO**(HARFO)(MOG)
**MAAR/MAYRO/MAADII** (MARA DILE)(G)
NAGARD(G) [check which belong to T. racemosus...]
(15) CR,N,S (incl. Cuf. 1969). Annual.

Tragus heptaneuron W.D.Clayton
(2) N; CR,S (Cope 1985). Annual.

Tragus racemosus (L.) All. (T. paucispina Hack.)
**XARFO**(HARFO)(C,NWR)
NAGARD(C)
N,S (Cuf. 1969); only N acc. to Cope 1985.

Tricholaena teneriffae (L.f.) Link (T. gilletti C.E.Hubb., T. leucantha (A.Rich.) Stapf & Hubbard, T. setacea C.E.Hubb., Melinis somalensis Mez)
**CAGAAR**(AGAR)(G)
ARO YAR YER(G), ORO JAR YER, ORO YER YER(G)
**BALDHOOLE**(BULDORLEH)(G)
**BALDHOOLE CAGAAR**(BULDORLE AGAR)(G)
**FOOD-CADE**(FORDA ADA,FORDADE)(G)
RAMAD GURIYEH(G)
(3) N; also Hiiraan-Bakool area (Cope 1985). Tussock perennial.

Tricholaena vestita (Balf.) Stapf & Hubbard
N (Cuf. 1969).

Trichoneura mollis (Kunth) Ekman
N (Cope 1985). Tufted annual.

Tripogon leptophyllus (A.Rich.) Cuf. (T. abyssinica Steud.)
**CAWS DAMEER**(AUS DAMER)(G,M)
**MAXAANSUG**(MAHAN SUG,MAHANSUGAH)['what do I wait for?'](G)
SEHANSOHO(G)
N (Cuf. 1968).

Tripogon subtilissimus Chiov.
**XARFO**(HARFO)(MOG)
MAHANSUGEH(C)
(4) N; ?expected CR; Hiiraan-Bakool area acc. to Cope 1985. Perennial.

Urochloa mossambicensis (Hack.) Dandy (U. pullulans Stapf)
S (Cuf. 1969). Tufted or stoloniferous perennial.

Urochloa panicoides P.Beauv. (U. helopus (Trin.) Stapf)
QAALMO WEYNEEYE(KH)
QALMAWEYNE(KH),QAALMO WEYL(HD)
**CAGAAR**(AGAR)(MOG)
**SAL BIRE**?(MOG)
FARSHO?(G)
**BALDHOOLE CAGAAR**(BALDOLE AGAR)(G)
OS-GALIM-UENIS(C)

2(8) Muq, Balcad, SW; N,S (Cuf. 1969). Tufted annual.

Urochloa rudis Stapf (U. gorinii Chiov.)
(1) S; CR,S (Cuf. 1969). Creeping annual.

Urochloa sclerochlaena Chiov.
Expected S. Perennial.

Urochloa trichopus (Hochst.) Stapf (U. brachyphylla Gilli)
KURDO(MOG)
1(2)1 S. Like U. mossambicensis but annual.

Urochondra setulosa (Trin.) C.E.Hubb. (Sporobolus setulosus (Trin.) Terracc.)
**CAWS MULAAX**(KH)
CAWS ALOOL(M)
**AFRUG**(MOG)
**FAROWEYN**(FERUWEIN,FEDAWEIN)(G,MOG)
DARIF(MOG,M)
**CAWS-CAD**(AUS AD)(G)
1(6) CR; N,CR,S (Cuf. 1968). Tufted spiny perennial.

Vossia cuspidata (Roxb.) Griff.
S (Cope 1985). Aquatic perennial.

Zea mays L.
EX: maize.
S (Cuf. 1970).

EXCLUDED:
Andropogon gayanus Kunth At MOG but determination very doubtful, as this species of trop. & S Africa only reaches Uganda & Tanzania)
Ctenium somalense (Chiov.) Chiov. S Ethiopia southward; doubtfully S Somalia.
Eragrostis tef (Zucc.) Trotter Doubtfully N; cited in Glover 1947.

## REFERENCES


Abdalla 1978 Resedaceae Med. Landbouw. Wag. 67, 68

Abdallah & De Wit 1967, 1978

?Agnew 1974

Airy Shaw HK A dictionary of the flowering plants & ferns.

Aleem AA 1979 A contribution to the study of seagrasses along the Red Sea coast of Saudi Arabia. Proc. Saudi Biol. Soc. 3: 213-236.

Ali AT 1986 An exploratory study of the procedures and guidelines for the development of a repartee between selected Somali secondary schools and the National Herbarium. MS thesis, Somali Nat. Univ.

Andrews FW 1950-6 Flowering plants of the Sudan, 3 vols. T. Buncle, Arbroath, Scotland, 237+485+579p.

Auderberg ?1985 Nord. J. Bot. 5: 53 [Iphionopsis]

Austin & Staples 1980 Brittonia 32: 533

Baijnath H 1978 Jodrellia, a new genus of Liliaceae from tropical Africa. Kew Bul. 32: 571-578.

Bally PRO 1951 Sukkulenten des tropischen Ostafrika I. Sukkulentenkunde (Zurich) 4: 59-64.

Bally PRO 1961 The genus Monadenium. Benteli, Berne, 111p.

Bally PRO 1962 Candollea ?18: 339

Bally & Carter 1976

*Bally PRO, Horwood FK & Lavranos JJ 1975 A monograph of the genera Pseudolithos & Whitesloanea. Nat. Cact. Succ. J. 30/4: 88-93.

Bavazzano R 1972 Contributo alla conoscenza della flora del Territorio Francese degli Afar e degli Issa. Webbia 26: 267-364.

Beals EW 1969 Vegetation of the Erer-Gota Plain, Ethiopia. J. Ecol. 57: 655-667.

Beentje HJ 1978 A revision of Callichilia Stapf (Apocynaceae). Med. Landbouw. Wagen. 78-7: 1-32.

Beijnath H 1978 Jodrella, a new genus of Liliaceae from Tropical Africa. Kew Bul. 32: 571-578.

Bhandari MM 1978 Flora of the Indian Desert. Sci. Pub., Jodhpur, 472p.

Bidgood S[ally] & Brummitt RK ?1985 CAcanthostelmaD, a new genus of Acanthaceae from Somalia. ?1985 Kew Bul. 40: 855-858.

Bizzari M[aria]P 1970 Adumbratio Florae Aethiopicae 21: Primulaceae. Webbia 24(2): 635-698.

Bjornstad IN 1973 Norw. J. Bot. 20: 281

Blatter E 1914-16 Flora of Aden. Rec. Bot. Surv. India 7: 1-418.

Boaler SB & Hodge CAH 1962 Vegetation stripes in Somaliland. J. Ecol. 50: 465-474.

Boaler SB & Hodge CAH 1964 Observations on vegetation arcs in the Northern Region, Somali Republic. J. Ecol. 52: 511-544.

?Brenan 1980 (re Parkinsonia raim.)

Bridson D[iane]M 1979 Studies in Oxyanthus and Mitriostigma (Rubiaceae subfam. Cinchonoideae) for part 2 of 'Flora of Tropical East Africa: Rubiaceae.' Kew Bul. 34: 113-130.

Bridson D[iane]M 1986 The reinstatement of the African genus Keetia (Rubiaceae subfam. Cinchonoideae, tribe Vanguerieae). Kew Bul. 41: 965-994.

Brummitt RK 1967 Calpurnia aurea (Ait.) Benth., a Cape species in tropical Africa and southern India. Kirkia 6: 123-132.

Brummitt RK 1978 Forsskal's Ruellia guttata identified with Asystasia somalensis (Acanthaceae). Kew Bul. 32: 452.

Brummitt 1980 Kew Bul. 35: 462

Brummitt RK ?1985 Notes on some African and Arabian species of Trichodesma (Boraginaceae). Kew Bul. 40: 851-854.

Bullock AA 1952-55. Notes on African Asclepiadaceae, Pts. I-VII. Kew Bul. 7: 405- ; 8: 51-67,320-362; 9: 349-374; 10: 265-292,611-626.

Carter S[usan] ?1984 New taxa and notes on herbaceous species of Euphorbia from East and Northeast Africa. Kew Bul. 39: 643-652.

Carter S[usan] 1985 New species and taxonomic changes in Euphorbia from East and Northeast tropical Africa and a new species from Oman. Kew Bul. 40: 809-825.

Carter S[usan] 1986 Typescript list of Euphorbia for Somalia, at EAH.

Chedeville E 1972 La vegetation du Territoire Francais des Afars et des Issas. Webbia 26: 243-266.

Chiovenda E 1911-17 Plantae novae vel minus cognitae a regione Aethiopica. Ann. di Bot. 9: 51-85,315-322,383-415; 13: 371-410; 1917: 21-27,38-69.

Chiovenda E 1916 Result. sci. della Miss. Stefanini-Paoli nella somala Italiana, vol. 1. Coll. Bot. Firenze

Chiovenda E 1928-51. Plantae... Lavori R. Ist. Bot. Catania 1: 3-32. Atti R. Accad. Ital. 11: 17-67. Webbia 8: 229-240.

Chiovenda E 1929 Flora Somala. Sindac. Arti Graf., Roma, 436p.

Chiovenda E 1929 Le piante alimentari della nostre colonie. Atti Soc. Ital. Progr. Sci., Torino: Sep., 1-18.

Chiovenda E 1931 Vegetali utilizzati nella medicina indigena dell'Eritrea, Somalia e regione vicine. Atti I. Congr. Studi Colon. Firenze, Sep., 1-28.

Chiovenda E 1932 La fanerogame del bacino dello Uabi-Uebi Scebeli, p.383-463 in LA Savoia-Aosta, La esplorazione dello Uabi-Uebi Scebeli, delle sue Sorgenti nell' Etiopia meridionale alla Somalia Italiana.

Chiovenda E 1932 Flora Somala II. Valbonesi, Milano, 482p.

Chiovenda E 1934 Nuovo contributo alla flora della Somalia Italiane. Atti Soc. Nat. Mat. Modena 66: 1-21.

Chiovenda E 1936 Flora Somalia III (Raccolte somale di G.Polacci, L.Maffei, R.Ciferri e N.Puccioni nel 1934-35). Atti Ist. Bot. Pavia, ser. 4, 7: 117-160.

Chiovenda E 1937 La collezione botanica fatta dell'ing. E. Taschdjian nell'Imperio Etiopico nel 1935-36. Malpighia 34: 485-539.

Chiovenda E 1937 L'utilizione della flora spontanea nelle nostre colonie. Atti Soc. Ital. Prog. Sci., Tripoli, Sep., 1-32.

Chiovenda E 1939 La collezione botanica riportata della missione geologica dell'A.G.I.P. in Doncalia a Harar. Malpighia 35: 17-72.

Ciferri R 1939 I raport floristici tra i distretti della Somalia Italiana. N. Giorn. Bot. Ital. 46: 344-355.

Clavarino G[uidetta] 1978 Adumbratio fl. Aeth. 29. Oxalidaceae. Webbia 32: 417-453.

Collenette CL 1931 North-eastern British Somaliland. Kew Bul. 8: 401-414.

Cope TA 1985 Key to Somali grasses. Nat. Herbarium, NRA, Mogadishu, 77p.

Cufodontis G 1953-72 Enumeratio plantarum aethiopiae spermatophyta. Bul. Jard. Bot. Etat Brux. 23-36, suppl., & Bul. Jard. Bot. Nat. Belg. 37-42, suppl.

Cufodontis G 1961 A preliminary contribution to the knowledge of the botanical exploration of northeastern tropical Africa. Comptes Rendus IV Reunion Aetfat, Lisboa: 233-248.

Cufodontis G 19 The species of Kalanchoe occurring in Ethiopia and Somalia Republic. Webbia : 711-744.

Dale IR & Greenway PJ 1961 Kenya trees & shrubs. Buchanan's Kenya Estates Ltd, Nairobi, 654p.

Davies FG 1978 Kew Bul. 32: 778...

Defilipps RA 1976 Adubr. fl. Aeth. 28: Olacaceae. Webbia 30: 177-190.

Demissew S 1985 The genus Maytenus (Celastraceae) in NE tropical Africa and tropical Arabia. Symbolae Bot. Upsal. 25(2): 101p.

de Wilde 1971 Meded. Landbouw. Wagen. 71-18: 1-281.

de Winter B 1971 Floristic relationships between the northern and southern arid areas in Africa. Mitt. Bot. Staats. Munchen 10: 424-437.

Drake-Brockman RE 1912 British Somaliland. Hurst & Blackett, London

Dransfield & Uhl 1983 Kew Bul. 38: 199.

Duell R 1973 Die Peperomia-Arten Afrikas. Bot. Jahrb. Syst. 93: 56-129.

El Hadidi MN 1978 Two new species of Zygophyllaceae from Ethiopia and Somalia. Kew Bul. 33: 121-124.

El-Hadidi MN 1978 Adubr. fl. Aeth. 30: Zygophyllaceae. Webbia 35: 45-101.

Elmi AA 1983 (Camel food habits)

Engler A 1904 Uber die Vegetationsverhaltniese des Somali-landes. Sitz.-Ber. Kgl. Preuss. Akad. Berlin 10: 355-416.

Field DV 1982 Kew Bul. 37: 310

Field DV 1983 Kew Bul. 38: 216

Field DV & Wood Kew Bul. 38

Friis I 1978 A reconsideration of the genera Monotheca and Spiniluma (Sapotaceae). Kew Bul. 33: 91-98.

Friis I 1981 Notes on Somalian Sapindaceae. Kew Bul. 36: 139-141.

Friis I 1983 Acaulescent and succulent species of Dorstenia in NE Trop. Africa and Arabia. Nord. J. Bot. 3: 533...

Friis I ?1984 Additional notes on Somalian Sapindaceae. Kew Bul. 39: 779-783.

Friis I ?1985 The identity of E. Chiovenda's Somalian Sapotaceae. Kew Bul. 40: 395-398.

Friis I & Jellis S 1984 A synopsis of Pouzolzia Gaud. (Urticaceae) in tropical Africa, with an identification of P. erythraeae and P. piscicelliana. Kew Bul. 39: 587-601.

Friis I & Norden 1976 Studies in Haemanthus. Norw. J. Bot. 23: 63.

Friis I & Vollesen K ?1985 The identity of Hypseloderma jubense (Sapindaceae). Kew Bul. 40: 859-861.

FTEA 1952- Flora of Tropical East Africa, gen. eds. WB Turrill, E Milne-Redhead, R Polhill. [Crown Agents, London] Roy. Bot. Gard. Kew and Kenya Nat. Museums Nairobi. (separates by various authors; in progress, some in typescript)

FZ 1960- Flora Zambesiaca, gen. eds. AW Exell & H Wild, Crown Agents for Oversea Gov'ts & Admin's, London.

Gamal-Eldin E 1981 Revision der Gattung Pulicaria fur Afrika, ?Maelasnesien und Arabien. J Cramer, Phanerogamarum Monogr. Tom. 14.

Gastaldo P[aola] 1969 Adub. fl. Aeth. 19: Thymelaeaceae. Webbia 24: 337-389.

Gilbert MG 1981 Notes on East African Vernonieae (Compositae). Kew Bul. 36: 591-596.

Gilbert MG 1987 Two new species of Polycarpaea (Caryophyllaceae) from Somalia. Kew Bul. 42: 701-704.

Gillett JB 1941 The plant formations of western British Somaliland and the Harar province of Abyssinia. Kew Bul. :37-199.

Gillett JB 1958 Indigofera (Microcharis) in tropical Africa. Kew Bul., Add. Ser. 1, 166p.

Gillett JB 1963 Sesbania in Africa Kew Bul. 17: 91-159.

Gillett JB 1964 Astragalus L. (Leguminosae) in the highlands of tropical Africa. Kew Bul. 17: 413-423.

Gillett JB 1966 The species of Ormocarpum Beauv. and Arthrocarpum Balf.f. (CLeguminosaeD in south-western Asia and Africa (excluding Madagascar). Kew Bul. 20: 323-355.

Gillett JB 1966b New records from French Somaliland. Kew Bul. 10(2).

Gillett JB 1973 Commiphora Jacq. (Burseraceae) - Englerian species which "disappear." Kew Bul. 28: 25-28.

Gillett JB 1986 ms...

Gilliland HB 1952 The vegetation of eastern British Somaliland. J. Ecol. 40: 91-124.

Glover PE

Glover PE 1947 A provisional check list of British and Italian Somaliland trees, shrubs and herbs. Crown Agents, London, 446p.

Green PS & Kupicha FK 1979 Notes on the genus Olea. Kew Bul. 34: 69-75.

Haines RW & Lye KA 1983 The sedges and ruches of East Africa. E. Afr. Nat. Hist. Soc., Nairobi, 404p.

Halliday P ?1984 The genus Kleinia (Compositae) in Arabia. Kew Bul. 39: 817-827.

Harding TBC 1980 Aloes of the world: a checklist, index, and code. Excelsa (Zimbabwe) 9: 57-94.

Hedge IC 1983 Two new monotypic genera of Labiatae. Not. Roy. Bot. Gard. Edinb. 41: 115-121.

Hedge IC & Miller AG 1977 New and interesting taxa from NE tropical Africa. Not. Roy. Bot. Gard. Edinb. 35: 179-193.

Hemming CF 1965 Vegetation arcs in Somaliland. J. Ecol. 53: 57-67.

Hemming CF 1966 The vegetation of the northern region of the Somali Republic. Proc. Linn. Soc. Lond. 177: 173-250.

Hemming CF 1972 Ecological and grazing survey of the Mudugh Region. AGP: DF/SOM/70/512 Working Paper, FAO, Rome, 15p.

Hemming CF 1973 An ecological classification of the vegetation of the Bosaso Region. AGP: SF/SOM/70/512 Working Paper, FAO, Rome, 67p.

Hepper FN 1969 Arabian and African frankincense trees. J. Egypt Archaeol. 55: 66-72.

Hepper FN 1971 A new species of Anemone (Ranunculaceae) from Somalia. Kew Bul. 26: 57-58.

Hepper FN 1977 Outline of the vegetation of the Yemen Arab Republic. Pub. Cairo Univ. Herb. 7&8: 307-322.

HTS 1983 Hunting Tech. Services...

Huber H 1957 Revision der Gattung Ceropegia. Mem. Soc. Brot. 12: 1-20.

Hunt JA 1951 A general survey of the Somaliland Protectorate 1944-1950. Crown Agents, London, 203p.

Hutchinson J 1926,1934 The families of flowering plants. I. Dicotyledons. II. Monocotyledons. London, 328+243p.

Hutchinson J & Dalziel Flora of West Tropical Africa.

Jeffrey 1966 Notes on Compositae I The Lactuceae [Cichorieae?] in East Tropical Africa. Kew Bul. 18: 427-484.

Jeffrey 1967 Notes on Compositae II The Mutisieae[?] in East Tropical Africa. Kew Bul. 21: 177-223.

Jeffrey 1968 Notes on Compositae III The Cynareae in East Tropical Africa. Kew Bul. 22: 107-140.

Jeffrey ?1985 Kew Bul. 40: 209

Jeffrey C 1986 The Senecioneae in East Tropical Africa. Notes on Compositae: IV. Kew Bul. 41: 873-948.

Jonsell 1979 Bot. Not. 132: 526

Jonsell B 1986 (Revisions in Farsetia) Symb. Bot. Upsal. 25: 3

Jonsell & Moggi 1983 Nord. J. Bot. 3: 347

Kazmi SMA 1985 Guide to the flora of Somalia. Somali Nat. Herbarium, NRA, Mogadishu, in press.

Kazmi SMA 1985b Somali plant names. CRDP Tech. Rep. Ser., No. 11, Mogadishu, 79p.

Keenadiid YC 1976 Qaamuuska af-Soomaliya. Akad. Dhaqanka, Muqdisho.

Kerfoot O 1968 Mist precipitation on vegetation. For. Abstr. 29: 8-20.

Khalifa SF & Ishak IF 1979 Amalgamation of micro- and macro-morphological characters for identification of some malvaceous species. Proc. Saudi Biol. Soc. 3: 167-192.

Kokwaro JO & Gillett JB 1980 Notes on Anacardiaceae of eastern Africa. Kew Bul. 34: 745-760.

Kuchar P 1980 Checklist of the vascular plants of Kenya. KREMU Tech. Rep., Nairobi, 169p. (draft)

Kuchar P & Gillett JB 1988 The Burseraceae (Boswellia, Commiphora) of Somalia. CRDP Tech. Bul.

Kuchar P & Herlocker D 1985 [revised 1986] Somali plant names in Ceel Dhere and Bulo Burte Districts. CRDP Tech. Rep. Ser., No. 10, Mogadishu, 28p.

Kuchar P & Mwendwa H 1982 Vegetation sampling in Boni and Dodori Reserves. KREMU Tech. Rep., Nairobi.

Lavranos JJ 1975 Note on the northern temperate element in the flora of the Ethio-Arabian region. Boissiera 24: 67-69.

Lavranos JJ 1978 On the Mediterranean and western Asiatic floral element in the area of the Gulf of Aden. Bot. Jahrb. Syst. 99: 152-167.

Leach LC 1969 Stapelieae from south tropical Africa, Part V. Bothalia 10: 45-54.

MacDonald 1985 Farjano settlement project - land evaluation. Somali Democratic Rep. Nat. Refugee Commission/ Sir M. MacDonald & Partners Ltd, Cambridge.

Macfadyen WA 1950 Vegetation patterns in the semi-desert plains of British Somaliland. Geogr. J. 116: 199-211.

Madany MH 1983/6 Common names of Somali plants. Somali Nat. Univ., cyclo., 27p.

Marais W 1981 Two new gamopetalous families, Cyclocheilaceae and Nesogenaceae for extra-Australian 'Dicrastylidaceae'. Kew Bul. 35: 797-812.

Mayo ST & Gilbert MG 1986 A preliminary revision of Arisaema (Araceae) in tropical Africa and Arabia. Kew Bul. 41: 261-278.

Meikle RD 1978 A key to Commicarpus. Not. Roy. Bot. Gard. Edinb. 36(2): 235-249.

Miller AG 1980 A revision of Campylanthus. Not. Roy. Bot. Gard. Edinb. 38: 373-385

Miller AG 1985 Lavandula in Arabia and N.E. Tropical Africa. Not. Roy. Bot. Gard. Edinb. 42(3): 503-528.

Newton LE 1980 Phytogeographical associations of the succulent plant flora of south-west Arabia and Horn of Africa. Nat. Cact. Succ. J. 35: 83-88.

O'Brien E[ileen]M 1986 (List of plants collected at Bur Heybe, Bay Region)

Pichi-Sermolli REG 1957 Una carta geobotanica dell'Africa Orientale (Eritrea, Etiopia, Somalia). Webbia 13(1): 15-132.

Plaizier AC 1980 A revision of Adenium Roem. & Schult. and of Diplorhynchys Welw. ex Fic. & Hiern (Apocynaceae). Med. Landbouw. Wag. 80-12, 40p.

Plowes DCH 1980 The stapeliads of North East Africa. Excelsa (Zimbabwe) 9: 34-52.

Polhill RM 1982 Crotalaria in Africa and Madagascar. A.A. Balkema, Rotterdam, 389p.

Pollacci G & Chiovenda E 1934 Flora Somala III. Atti Ist. Bot. Pavia ser. 4, vol. 7: 117-160.

Popov GB 1957 The vegetation of Socotra. J. Linn. Soc. Bot. 55: 706-720.

Radcliffe-Smith 1984 Kew Bul. 39: 787

Radcliffe-Smith A 1986 Notes on African Euphorbiaceae. Kew Bul. 41: 963-964.

Raimondo 1987 (Indigofera)

Raimondo & Moggi 1985 (Basananthe)

Raimondo FM, Rossitto M & Sartoni G 1981 Additional records for the flora of Somalia. Webbia 35(1): 207-222.

Reynolds The aloes of tropical Africa and Madagascar

Robbrecht 1986 B. J. Bot. Brux. 56: 149

Ross CS (or Craig SR) 1962 Sphaeranthus Hook. Ic. Pl. 36

Ross S 1962

Ross JH 1973 An analysis of the flora of Natal. Bothalia 11: 103-106.

Ross JH 1979 A conspectus of the African Acacia species. Mem. Bot. Surv. S. Afr. No. 44, 155p.

Rossitto M, Not R & Raimondo FM 1983 Le angiosperme marine della costa oceanica della Somalia. I. Aspetti tassonomici, ecologici e distributivi. Bol. Sci. Fac. Zootec. Vet,. Univ. Naz. Somala, 4: 167-196.

RMR 1979 Central rangelands survey, Somali Democratic Republic. Resource Management & Research, 2 vols.

RMR ?1985 Southern...

Roti-Michelozzi G[uidetta] 1957 Adumbratio Florae Aethiopicae. 6. Caesalpiniaceae (excl. gen. Cassia). Webbia 13(1): 133-228.

Schwartz O 1939 Flora des tropischen Arabien. Mitt. Inst. Allg. Bot. Hamburg 10: 1-393.

Sebald O 1973 Die gattung Otostegia in Africa & Arabia. Stuttgart. Beitr. Naturkunde Ser.A, 263

Sebald O 1978 Leucas sec. Lasiocorys Stuttgart. Beitr. Naturkunde Ser.A, 308

Sebald O 1980 Stuttgart. Beitr. Naturkunde Ser.A, 341

SOGREAH 1982

Stannard B 1981 A revision of Kirkia (Simaroubaceae). Kew Bul. 35: 829-839.

Thulin M 1983 Leguminosae of Ethiopia. Opera Botanica 68: 223p.

Thulin M & Warfa AM 1987 The frankincense trees (Boswellia spp., Burseraceae) of northern Somalia and southern Arabia. Kew Bul. 42: 487-500.

Townsend CC ?1984 A new genus and species of Amaranthaceae from Somalia. Kew Bul. 39: 775-777.

Townsend 1986 A taxonomic revision of the genus Haplophyllum (Rutaceae). Hook. Ic. Pl. 40.

Verdcourt B 1963 A new species of umbellifer from Somaliland. Kirkia 3: 42-45.

Verdcourt B 1970 New and little-known taxa of Merremia Hall.f. (Convolvulaceae) from north-east Africa. Kew Bul. 24: 1 -177.

Verdcourt B 1981 A new species of Hildebrandtia (Convolvulaceae) from Somali Republic. Kew Bul. 36: 425.

Verdcourt B 1985 A synopsis of the Moringaceae. Kew Bul. 40: 1-23.

Vollesen K 1984 Notes on Ethiopian Vitaceae and Burseraceae. Nord. J. Bot. 4: 33-37.

Vollesen 1985 Kew Bul. 40: 39

Vollesen K 1986 Aethiocarpa (Sterculiaceae - Dombeyeae), a new genus from Somalia. Kew Bul. 41: 959-961.

Vollesen K 19 Kew Bul. 42(2): 337

Wagenitz & Gamal-Eldin 1983 Die Gattung Sclerostephane. Bot. Jahrb. 104(1): 91-113.

White F 1983 The vegetation of Africa. UNESCO, Paris, 356p + map.

White & Sloane 1937 The stapelieae, 3 vols.

Wickens GE & Bywater M 1980 Seed studies in Crassula subgen. Disporocarpa. Kew Bul. 34: 629-637.

?Willemse 1985 Kew Bul. 40: 95.

Wood JRI 1984 Kew Bul. 39: 136

Wood JRI, Hillcoat D & Brummitt RK 1983 Notes on types of some names of Arabian Acanthaceae in Forsskal Herbarium. Kew Bul. 38: 429-456.

**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** ('arno 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 tuberous 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]
**dhilowyahan** 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 fr; 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]
**lafo[laf?]** bones ['has very rigid stem']
**lamagooyan** cannot be cut
**lamagooye['lamoiyen']** tree which must not be cut (Verdcourt 1985)
**lamaloshe (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
**marabbood** 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** unclean 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.

* in Central Rangelands
\+ expected CR, or status uncertain


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